

2015

GENERAL CATALOGUE

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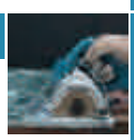
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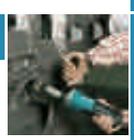
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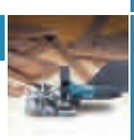
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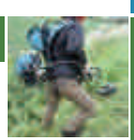
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UM164D	266
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New Products



Cordless Driver Drill

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Cordless Hammer Driver Drill

DHP481	18V	p26

Cordless tools



Corded and Cordless Vacuum Cleaner (Wet & Dry)

DVC860L	18V	p.18, 236

Cordless Blower

DUB362	18V	p.19, 261

Cordless tools



Cordless Oil-Pulse Driver

DTS141	18V	p.28
DTS131	14.4V	p.53

Cordless Screwdriver

DFS452	18V	p31

Cordless tools



Cordless Grass Trimmer

DUR365U	18V	p.20, 261
DUR364L	18V	p.20, 261

Cordless tools



Cordless Rotary Hammer

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Cordless tools



Cordless Lawn Mower

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Cordless Olive Harvester

BHL360 / HL360D	36V	p.81, 269

Cordless tools



Cordless Angle Grinder

DGA404	18V	p.39
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DGA505	18V	p.40

Cordless tools



Cordless Angle Screwdriver

DFL650F	18V	p.95

Cordless tools



Cordless Circular Saw

DHS680	18V	p.41

Cordless Cut-Out Tool

DCO180	18V	p.43
DCO140	14.4V	p.59

Cordless tools



Drill

DS4012	p.111

Drilling / Fastening



LED Flashlight

DML806	18V	14.4V	p.71

Cordless Fan

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Job Site Radio

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Combination Hammer

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Impact Drilling / Demolition



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Cordless tools



Electric Breaker

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Impact Drilling / Demolition



Wall Chaser

SG1251	p.151

9564HR



GA4541R



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SA4542C



9237CB



Angle Sander

SA4540C / SA4542C	p.178

Polisher

9237CB / 9237C	p.180

GD0801C



GD0811C



Die Grinder

GD0801C	p.182
GD0811C	p.182

9035H



BO4510H



Finishing Sander

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Table Saw

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HS7000

Circular Saw

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HS7600	p.207
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Vacuum Cleaner

VC2211M	p.235

EM4350RH



Backpack Petrol Brushcutter

EM4350RH	p.276

EM3400U



EM3400L

Petrol Brushcutter

EM3400U	p.277
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Petrol String Trimmer

ER2600L	p.280

EA3600F



EA3601F

Petrol Chain Saw

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EA3700T	p.286

EE2650H



EN4951SH

Petrol Edger

EE2650H	p.281

Petrol Pole Hedge Trimmer

EN4951SH	p.288



EB7650TH

PM7651H



Petrol Blower

EB7650TH	p.296
EB7650WH	p.296

Mist Blower

PM7651H	p.295



Petrol Lawn Mower

PLM4120N / PLM4626N	p.291
PLM4627N / PLM4628N	p.291
PLM4620N / PLM4621N	p.292
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PLM4818 / PLM4819	p.294

Safety Precautions

When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following.

/// KEEP WORK AREA CLEAN.
Cluttered areas and benches invite injuries.

/// CONSIDER WORK AREA ENVIRONMENT.
Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain. Don't use power tool in presence of flammable liquids or gases.

/// KEEP CHILDREN AWAY.
All visitors should be kept away from work area.
Don't let visitors touch the tool or extension cord.

/// STORE IDLE TOOLS.
When not in use, tools should be stored in a dry, high of locked up place, out of reach of children.

/// DON'T FORCE THE TOOL.
It will do the job better and safer at the rate for which it was intended.

/// USE THE RIGHT TOOL.
Don't force small tools or attachments to do the job of a heavy-duty tool. Don't use tools for purposes not intended.

/// DRESS PROPERLY.
Don't wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.

/// USE SAFETY GLASSES.
Also use face or dust mask if the cutting operation is dusty.

/// DON'T ABUSE THE CORD.
Never carry the tool by the cord or yank it to disconnect it from the socket. Keep the cord away from heat, oil, and sharp edges.

/// SECURE WORK.
Use clamps or a vise to hold the work. It's safer than using your hand and it frees both hands to operate the tool.

/// DON'T OVERREACH.
Keep proper footing and balance at all times.

/// MAINTAIN TOOLS WITH CARE.
Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cord periodically and if damaged, have it repaired by an authorized service facility. Inspect extension cords periodically and replace, if damaged. Keep handles dry, clean and free from oil and grease.

/// DISCONNECT TOOLS.
When not in use, before servicing and when changing accessories such as blades, bits and cutters.

/// REMOVE ADJUSTING KEYS AND WRENCHES.
Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

/// AVOID UNINTENTIONAL STARTING.
Don't carry a plugged-in tool with a finger on the switch.
Ensure switch is OFF when plugging in.

/// USE OUTDOOR EXTENSION CORDS.
When tool is used outdoors, use only extension cords intended for outdoor use.

/// STAY ALERT.
Watch what you are doing. Use common sense. Don't operate tool when you are tired.

/// CHECK DAMAGED PARTS.
Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service facility. Don't use the tool if the switch does not turn it on and off.

/// GUARD AGAINST ELECTRIC SHOCK.
Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).

/// REPLACEMENT PARTS.
When servicing a tool, use only identical replacement parts.

/// VOLTAGE WARNING:
Before connecting the tool to a power source (receptacle, outlet, etc.) Be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in SERIOUS INJURY to the user V as well as damage to the tool. If in doubt, DO NOT PLUG IN THE TOOL. Using a power source with voltage less than the nameplate rating is harmful to the motor.

Note

- Makita reserves the right to change specifications of parts and accessories without notice.
- Items of standard equipment and specifications may vary by country or area.
- Net weight and dimensions may differ by the type of battery.
- Standard export color for motor housing is Makita industrial green (blue).
- Please state required voltage when ordering. These offers are subject to availability in each country. Actual product color may differ slightly from color reproduced here.
- Weight data in this catalogue is the value measured by us according to EPTA Procedure 01/ 2003.

Guarantee

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is guaranteed against defective workmanship and materials. Should any trouble develop, return the COMPLETE tool prepaid to Makita or point of purchase. If inspection shows trouble is caused by defective workmanship of material, all repairs will be made without charge. The guarantee does not apply where repairs have been made or attempted by others; repairs are due to normal wear; the tool has been abused or in an accident; misuse is evident – caused by overloading the tool beyond its capacity, use of the tool after partial failure or use with improper accessories.

PRODUCTS

CORDLESS TOOLS



- Variable Speed
- Constant Speed
- Reversing
- Mechanical 2-Speed
- Mechanical 3-Speed
- Electronic 3-Speed
- Electronic 2-Speed
- Brake
- Torque Setting 5
- Torque Setting 9
- Torque Setting 10
- Torque Setting 16
- Torque Setting 18
- Torque Setting 21
- Torque Limiter
- Dust Collecting
- Bayonet Shank Jig Saw Blade
- Makita Shank Jig Saw Blade
- Orbital Cutting
- Built-in Job Light
- Keyless Chuck
- Soft Start
- SDS-PLUS Shank
- Bevel Cutting 45 left
- Bevel Cutting L45 R5
- Dial Depth Adjusting
- Chain Brake
- Automatic Oiling
- Carrying Case

Optimum Charging System

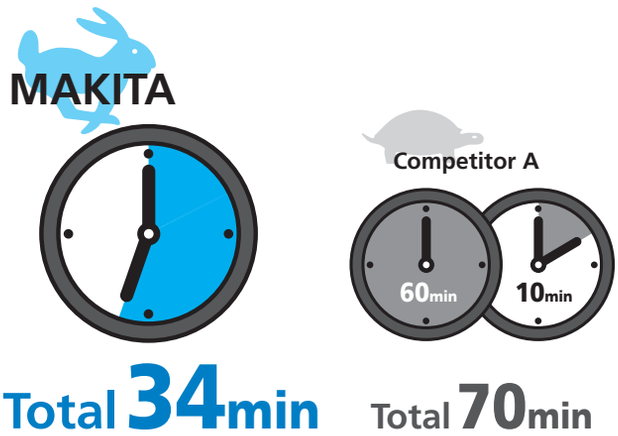
22min
for 3.0Ah Battery

Fast Charging
with Cooling fan



The charging time in practical condition

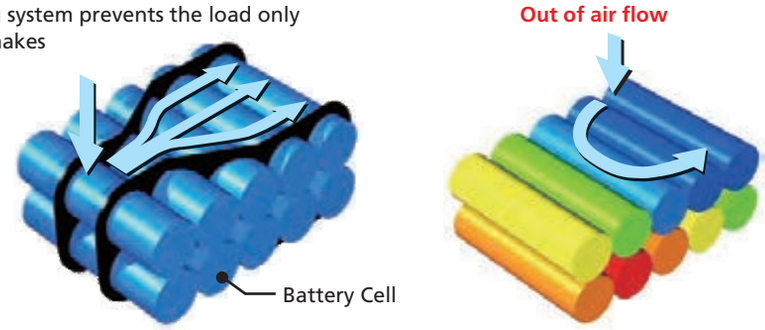
In case that the battery that became 70 degrees C right after use is charged in the environment of 25 degrees C.



It is necessary to cool down the battery before you begin to charge it when you charge the battery, which is the high temperature after use. MAKITA developed the original charger system; Built-in the cooling fan. The stand-by time until the charge starts is greatly shortened by cooling efficiently. In addition, the charger keeps cooling while charging it, and the rapid charge is achieved.

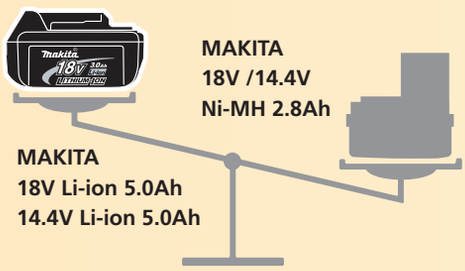
Well Balanced Cooling

The design which air flows efficiently overall and it can cool cell evenly and rapidly.
Well-balanced cooling system prevents the load only to a part of cell and makes battery life longer.





40%Lighter



Firm Holding

Multi-contact terminals reduce electrical resistance and increase connection stability withstanding against vibration, and ultimately ensures Stable current supply to the tool.



LXT LITHIUM-ION

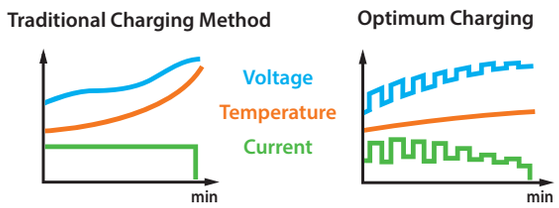
430% Extreme Stamina

Life time work volume



The charger communicates with the individual cell in battery and then it controls current, voltage, and temperature. The both rapid and optimum charge was achieved. It made battery life longer.

Total Power Delivery Amount of each battery's service lifetime





Li-ion 5.0Ah	710
Li-ion 4.0Ah	570
Li-ion 3.0Ah	430
Ni-MH 2.8Ah	130
Ni-Cd 1.9Ah	100

The numbers in the chart are relative values when the amount of Ni-cd 1.9Ah is indexed at 100.

Built-in-CPU

The built-in CPU in battery records the battery usage history and transmits it to the charger.





Digital Communication



Built-in CPU

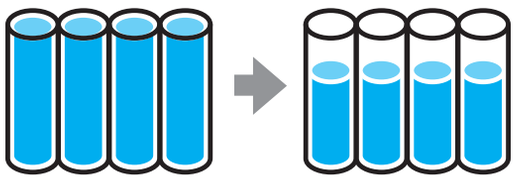
The CPU built in the charger analyzes its condition; high temperature, re-charge after full charged, over-discharging. The battery lasts long life because it can be charged at the best method and time.



Well Balanced Charging

MAKITA: Capacity Balanced Battery Pack

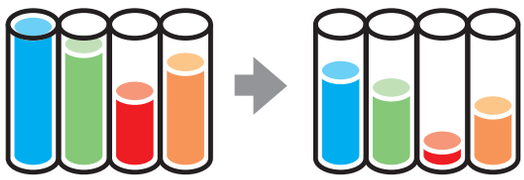
1. It is designed that an individual cell whose condition is full, discharge, empty works well. It is hard to become the over-discharge and an overcharge because the individual cell capacity prevent to anomalies.
2. It is possible to use it efficiency because the capacity of each cell is not uneven and discharge evenly.



1.Full Charged　2.Discharging

Competitor A : Capacity Unbalanced Battery Pack

1. Competitor charging system causes to decrease the capacity of the cell, which weakened by the heavy load work because Competitors do not install an optimum charge.
2. Discharge stops by using the capacity of the weakened cell completely, when you use the power tool in the condition, noted as above.
Therefore the capacities of other cells are not used completely, so that workloads are decreased at a charge.



1.Full Charged　2.Discharging

Anytime Charge

No Memory Effect
No discharging required



Shock Absorbing

Heavy Duty Pack

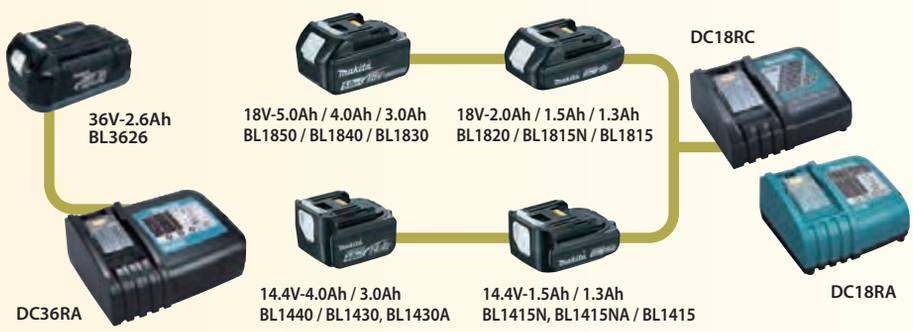


Longtime Storage

Low Self Discharge



Batteries and Chargers for Optimum Charging System



Lighter

Long Life



Smaller

More Work

Stronger

Smarter

High Performance with Brushless DC Motor

Brushless DC motor

:: Maintenance-free due to no brush
:: Energy production is more efficient than brushed DC motor
because of no friction loss caused by brushes, enabling to lower amperage for reduced heat production and increased work amount on a single full battery charge.

More work amount on a single full battery charge

:: Thanks to the very efficient energy production of BLDC motor, work amount on a single full battery charge is increased.
:: Life time work amount of a battery is increased, reducing the battery cost.

Durable against continuous long operation

:: Use of BLDC motor lowers heat production; the temperature rise at housing surface can be recessed well even in hard industrial applications requiring continuous long operation.



Photo : DTD148

18V X2 36V

Cordless Blower
DUB362



Cordless Grass Trimmer
DUR362L / DUR361U



DUR364L / DUR365U



18V LITHIUM-ION

Cordless Driver Drill
DDF480



DDF481



DDF459



Cordless Hammer Driver Drill
DHP481



DHP459



Cordless Hammer Driver Drill
DHP480



Cordless Oil-Pulse Driver
DTS141



Cordless Impact Driver
DTD148



DTD145



DTD147



DTD129



Cordless 4 Mode Impact Driver
DTP141



Cordless Screwdriver
DFS452



Cordless Impact Wrench
DTW281



Cordless Combination Hammer
DHR242 / DHR243



DHR243

Cordless Angle Grinder
DGA404 / DGA454 / DGA504



DGA405 / DGA455 / DGA505



Cordless Circular Saw
DHS680



Cordless Jig Saw
DJV182



Cordless Jig Saw
DJV181



Cordless Grass Trimmer
DUR182L / DUR183L



DUR182U / DUR183U



14.4V LITHIUM-ION

Cordless Driver Drill
DDF470



Cordless Hammer Driver Drill
DHP470



Cordless 4 Mode Impact Driver
DTP131



Cordless Impact Driver
DTD136



DTD137



Cordless Oil-Pulse Driver
DTS131



Cordless Impact Wrench
DTW280



Cordless Jig Saw
DJV141



DJV142



Cordless Grass Trimmer
DUR142U / DUR143U



DUR142L



36V LITHIUM-ION

Cordless Pole Hedge Trimmer
BUN490 / UN490D



Cordless Brushcutter
BBC231U / BC231UD



Cordless Multi Function Power Head
BUX360 / UX360D



Cordless String Trimmer
BBC300L / BC300LD



BUR360 / UR360D



Li-ion Battery & Charger Time Reference, Compatibility Chart

	18V Lithium-ion	14.4V Lithium-ion	DC18RC / Two Port Multi Fast Charger DC18RD	Four Port Multi Charger DC18SF (＊Except BL1430A)	DC18SD / DC18SE (Automotive)
5.0 Ah	 BL1850B BL1850 (196673-6) 		45 min. Fast Charging	110min. 1 to 2 batteries 220min. 3 to 4 batteries	110 min.
4.0 Ah	 BL1840B BL1840 (196397-4) 	 BL1440 (196386-9)	36 min. Fast Charging	90min. 1 to 2 batteries 180min. 3 to 4 batteries	90 min.
3.0 Ah	 BL1830 (194204-5)	 BL1430 (194065-3) *BL1430A (194359-6) with Battery fuel gauge	22 min. Fast Charging	60min. 1 to 2 batteries 120min. 3 to 4 batteries	60 min.
2.0 Ah	 BL1820B BL1820 (196462-9) 		24 min. Fast Charging	45min. 1 to 2 batteries 90min. 3 to 4 batteries	45 min.
1.5 Ah	 BL1815N (196449-1)	 BL1415N (196877-0) BL1415NA (196280-5) with Battery fuel gauge 	15 min. Fast Charging	30min. 1 to 2 batteries 60min. 3 to 4 batteries	30 min.
1.3 Ah	 BL1815 (194513-2) For Model: DBN500, DBY180, DCF050, DCF201, DCF300, DCG180, DCJ200, DCL180, DCL182, DDF450, DDF452, DDF453, DDF456, DDF459, DDF480, DFR550, DFR750, DFS450, DFS451, DFS452, DHP452, DHP453, DHP456, DHP459, DHP480, DJR183, DJR185, DJS130, DML184, DML185, DML186, DML800, DML801, DML802, DML803, DML805, DML806, DMR050, DMR100, DMR101, DMR102, DMR103B, DMR104, DMR105, DMR106, DSC162, DSC191, DST221, DTD129, DTD141, DTD142, DTD144, DTD145, DTD146, DTD148, DTL061, DTL063, DTM50, DTM51, DTP140, DTP141, DTW251, DTW253, DTW450, DTW451, DTW281, DUB182, DUB183, DUH423, DUH483, DUH523, DUM168, DUR181, DVC350, DVF104, DVF154, DVR850, DVR450, DVR350	 BL1415 (194558-0) For Model: DCF050, DCF201, DCF300, DCG140, DCJ200, DCL140, DCL142, DDF343, DDF445, DFL201RZ, DFL301RZ, DFL402RZ, DFR440, DFR540, DFS440, DHP343, DJR143, DJR145, DML145, DML146, DML184, DML800, DML801, DML802, DML803, DML805, DML806, DMR050, DMR100, DMR101, DMR102, DMR103B, DMR104, DMR105, DMR106, DPT350, DST110, DST220, DTD134, DTD135, DTD137, DTM40, DTM41, DTP131, DTS131, DTW280, DUB142, DUB143, DUH421, DUH481, DUH521, DUM166, DUR141, DVC340, DVR340, DVR440	15 min. Fast Charging	30 min. 1 to 2 batteries 60 min. 3 to 4 batteries	30 min.

18V Lithium-ion

14.4V Lithium-ion

DC18WA



1.3 Ah



BL1813G

For Model:
DF457D, HP457D, JV183D, ML187, TD127D, UH422D, UH482D, UH522D, UM167D, UR180D



BL1413G

For Model:
DF347D, HP347D, JV143D, ML187, TD126D, UH420D, UH480D, UH520D, UM165D, UR140D

60 min.

10.8V Lithium-ion

DC10WA



1.3 Ah



BL1013
(194550-6)

50 min.

7.2V Lithium-ion

DC10WA **DC07SA**



1.0 Ah



BL7010
(194355-4)

30 min.

Powered by two 18V Li-ion batteries in series

18v + 18v → 36v













Combination Hammer
DHR263 / DHR264

Circular Saw
DHS710 / DHS711

Lawn Mower
DLM380

Grass Trimmer
DUR361U / DUR365U

Grass Trimmer
DUR362L / DUR364L

Chain Saw
DUC252 / DUC302 / DUC252C

Blower
DUB361 / DUB362

Hedge Trimmer
DUH551 / DUH651

18Vx2 Lithium-ion





Powered by two 18V Li-ion batteries in series



18v + 18v → 36v

Two 18V Li-ion batteries can be directly installed on the machine to supply energy to the powerful 36V DC motor drive system.

The compatible batteries are:



1.5Ah BL1815N



2.0Ah BL1820



3.0Ah BL1830



4.0Ah BL1840



5.0Ah BL1850

When different capacity batteries are used together (for example, 1.5Ah BL1815N and 3.0Ah BL1830, or fully charged BL1830 and 70% charged BL1830), the machine stops when the battery with less capacity gets empty.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Combination Hammer

DHR263 26mm (1") Adapted for SDS-PLUS bits

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 | 442





P99 F

Rotary hammer -Powered by two 18V Li-ion batteries in series.

- Vibration absorbing handle provides comfortable operation.
- Battery capacity warning lamp.
- Reverse switch operable by one hand.
- 3 mode operation-Rotation only, Hammering with rotation and Hammering only.



18V

Impact energy	2.5J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,800
No load speed (rpm)	0-1,200
Sound pressure level	94dB(A)
Sound power level	105dB(A)
Vibration level	hammer drilling: 14.5m/s²
	chiseling: 14m/s²
	drilling: 3m/s²
Dimensions (L x W x H)	350x116x232mm (13-3/4"x4-9/16"x9-1/8")
Net weight	4.7kg (10.4lbs)

Tool does not come with bit.

● Fast charger, Battery cartridge, Depth gauge, Side grip

Cordless Combination Hammer

DHR264 26mm (1") Adapted for SDS-PLUS bits

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 | 442



Quick change drill chuck





P99 F

Outstanding performance with two 18V Li-ion batteries in series.

- Quick tool-less chuck change system.
- Vibration absorbing handle provides comfortable operation.
- Versatile 3 mode operation - hammering, hammering with rotation, rotation.
- LED job light with preglow and afterglow functions.
- Battery capacity warning function.



18V

Impact energy	2.5J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,800
No load speed (rpm)	0-1,200
Sound pressure level	94dB(A)
Sound power level	105dB(A)
Vibration level	hammer drilling: 15.5m/s²
	chiseling: 14m/s²
	drilling: 5m/s²
Dimensions (L x W x H)	374x116x232mm (14-3/4"x4-9/16"x9-1/8")
Net weight	4.9kg (10.7lbs)

Tool does not come with bit.

● Fast charger, Battery cartridge, Depth gauge, Side grip

Cordless Circular Saw

DHS710 190mm (7-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 | 442





P99 M

Circular saw -Powered by two 18V Li-ion batteries in series.

- DC circular saw with extra-high power that is as close to the power of AC models as possible.
- Uses durable but light magnesium die-cast for blade case and safety cover.
- Lightweight design.
- The same base plate as that of HS7100 series.



18V

Max cutting capacity	at 0 degrees : 68.5mm (2-11/16")
	at 45 degrees : 49mm (1-15/16")
Blade diameter	190mm (7-1/2")
No load speed (rpm)	4,800
Dimensions (L x W x H)	356x217x298mm (14"x8-1/2"x11-3/4")
Net weight	4.7kg (10.4bs)

● Fast charger, Battery cartridge, TCT saw blade, Hex wrench, Rip fence, Dust nozzle

Cordless Circular Saw

DHS711 185mm (7-1/4")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 | 442





P99 M

Circular saw -Powered by two 18v Li-ion batteries in series.

- DC circular saw with extra-high power that is as close to the power of AC models as possible.
- Uses durable but light magnesium die-cast for blade case and safety cover.
- Light weight design.
- Die cast base plate with the same size as that of 5007F series.



18V

Max cutting capacity	at 0 degrees : 66mm (2-5/8")
	at 45 degrees : 47.5mm (1-7/8")
Blade diameter	185mm (7-1/4")
No load speed (rpm)	4,800
Dimensions (L x W x H)	356x217x298mm (14"x8-1/2"x11-3/4")
Net weight	4.6kg (10.1bs)

● Fast charger, Battery cartridge, TCT saw blade, Hex wrench, Rip fence, Dust nozzle

Corded and Cordless Vacuum Cleaner (Wet & Dry)

DVC860L

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new





P99 P

Complying with dust class L, powered by both AC and DC.

- AC: Continuous rating Input: 1,050W
- DC: Powered by two 18V Li-ion batteries in series
- Removable power supply cord for better maneuverability.
- Large on-off switch allows for easy on/off switching.

18V

Max. peak air flow	AC : 3.7m³ / min
	DC : 2.0m³ / min
Max. sealed suction	AC : 25kPa (2550mmH2O)
(water colum)	DC : 9.0kPa (918mmH2O)
Tank capacity	Dust : 8L
	Water : 6L
Continuous use (minutes)	15
Dimensions (L x W x H)	366x334x368mm (14-3/8"x13-1/8"x14-1/2")
Net weight	9.0kg (19.8lbs)
Power supply cord	5.0m (16.4ft)

● Fast charger, Battery cartridge, Connection cord, Tool box, Hose complete, Poly bag set, Straight pipe, Bending pipe, Corner nozzle, Nozzle assembly

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Blower — DUB362

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430

new





BL MOTOR XPT EXTREME PROTECTION TECHNOLOGY P99

High air volume and air speed delivered by brushless motor and two 18V Li-ion batteries in series.

- Variable speed control by trigger and dial (6 steps)
- Most suitable grip angle.
- More long time by brushless motor.
- Less strident wind blow noise.
- XPT (eXtreme Protection Technology)



18V

Air volume	6.7-13.3m³/min
Air speed	27-53m/s
No load speed (rpm)	11,400-21,500
Sound power level	96dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	881-981x204x298mm (34-3/4"-38-5/8"x8"x11-3/4")
Net weight	3.9kg (8.6lbs)

● Fast charger, Battery cartridge, Nozzle, Shoulder belt

Cordless Blower — DUB361

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430

Cordless blower powered by two 18V Li-ion batteries in series.

- High / Low push button for two different air volume settings.
- XPT (eXtreme Protection Technology)





XPT EXTREME PROTECTION TECHNOLOGY P99



18V

Air volume	Hi : 4.4m³/min Lo : 2.6m³/min
Air speed	Hi : 93m/s Lo : 57m/s
No load speed (rpm)	Hi : 17,000 Lo : 10,000
Sound pressure level	82.3dB(A)
Sound power level	94.7dB(A)
Dimensions (L x W x H)	905x141x194mm (35-5/8"x5-5/8"x7-5/8")
Net weight	2.6kg (5.9lbs)

● Fast charger, Battery cartridge, Nozzle, Shoulder belt

Cordless Chain Saw — DUC252 250mm (10")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 442

Cordless chain saws powered by two 18V Li-ion batteries in series.

- New adjustment lever for easier tool-less saw chain/ tension adjustment.
- Battery capacity warning lamp.





XPT EXTREME PROTECTION TECHNOLOGY P99



18V

Chain speed per minute	500m (1,650ft)
Guide bar length	250mm (10")
Chain blade	Pitch : 3/8"
Sound pressure level	84.4dB(A)
Sound power level	95.4dB(A)
Dimensions (L x W x H)	545x234x198mm (21-1/2"x9-1/4"x7-3/4")
Max output	0.80kW
Net weight	4.1kg (9.0lbs)

● Fast charger, Battery cartridge, Guide bar cover, Oil supply, File

Cordless Chain Saw — DUC302 300mm (12")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 442

Cordless chain saws powered by two 18V Li-ion batteries in series.

- New adjustment lever for easier tool-less saw chain/ tension adjustment.
- Battery capacity warning lamp.





XPT EXTREME PROTECTION TECHNOLOGY P99



18V

Chain speed per minute	500m (1,650ft)
Guide bar length	300mm (12")
Chain blade	Pitch : 3/8"
Sound pressure level	84.4dB(A)
Sound power level	95.4dB(A)
Dimensions (L x W x H)	600x234x198mm (23-5/8"x9-1/4"x7-3/4")
Max output	0.80kW
Net weight	4.1kg (9.0lbs)

● Fast charger, Battery cartridge, Guide bar cover, Oil supply, File

Cordless Chain Saw — DUC252C 250mm (10")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 442

Cordless chain saws powered by two 18V Li-ion batteries in series.

- New adjustment lever for easier tool-less saw chain/ tension adjustment.
- Battery capacity warning lamp.





XPT EXTREME PROTECTION TECHNOLOGY P99



18V

Chain speed per minute	500m (1,650ft)
Guide bar length	250mm (10")
Chain blade	Pitch : 1/4"
Chain oil tank	85ml
Sound pressure level	84.4dB(A)
Sound power level	95.4dB(A)
Dimensions (L x W x H)	555x239x200mm (21-7/8"x9-1/4"x7-3/4")
Max output	0.80kW
Net weight	4.1kg (9.0lbs)

● Fast charger, Battery cartridge, Guide bar cover, Oil supply, File

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Hedge Trimmer — DUH551 550mm (21-5/8")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 442





P99

High maneuverability and environment-friendly.

- Rotatable rear handle.
- Good balance of weight.
- Low noise.



18V

Fast charger, Battery cartridge, Blade cover

Blade length	550mm (21-5/8")
Strokes per minute (spm)	2,000-3,600
Sound pressure level	81.5dB(A)
Sound power level	91dB(A)
Dimensions (L x W x H)	1,065x225x200mm (42"x8-7/8"x7-7/8")
Max. output	0.32kW
Net weight	5.1kg (11.3lbs)

Cordless Hedge Trimmer — DUH651 650mm (25-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 442





P99

High maneuverability and environment-friendly.

- Rotatable rear handle.
- Good balance of weight.
- Low noise.



18V

Fast charger, Battery cartridge, Blade cover

Blade length	650mm (25-1/2")
Strokes per minute (spm)	2,000-3,600
Sound pressure level	82dB(A)
Sound power level	91.1dB(A)
Dimensions (L x W x H)	1,135x225x200mm (44-3/4"x8-7/8"x7-7/8")
Max. output	0.32kW
Net weight	5.2kg (11.4lbs)

Cordless Grass Trimmer — DUR365U

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new

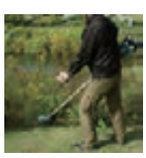




P99

High power and more work amount, powered by two 18V Li-ion batteries in series.

- Direct drive system featuring Outer rotor brushless motor.
- Multifunctional control panel for operating main/variable speed control/reversing switches.
- Ergonomic handle bar of Off-set design.



18V

Fast charger, Battery cartridge, Blade, Universal guard, Shoulder harness with double shoulder strap, Wrenches

No load speed (rpm)	3,500-5,500-6,500
Spindle size	M10 x 1.25LH
Dimensions (L x W x H)	1,888x600x458mm (74-1/2"x23-5/8"x18")
Net weight	5.2kg (11.4lbs)

Cordless Grass Trimmer — DUR361U

Li-ion Ah 5.0 4.0 3.0 2.0 1.5





P99

Cordless grass trimmer powered by two 18V Li-ion batteries in series.

- Battery capacity warning lamp.
- XPT (eXtreme Protection Technology).
- Variable speed control by dial.



18V

Fast charger, Battery cartridge, Blade, Universal guard, Shoulder harness with double shoulder strap, Wrenches

No load speed (rpm)	3,500-7,300
Spindle size	M8 x 1.25LH
Sound pressure level	82dB(A)
Sound power level	94dB(A)
Dimensions (L x W x H)	1,888x600x458mm (74-1/2"x23-5/8"x18")
Max. output	0.50kW
Net weight	5.9kg (13.1lbs)

Cordless Grass Trimmer — DUR364L

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new





P99

High power and more work amount, powered by two 18V Li-ion batteries in series.

- Direct drive system featuring Outer rotor brushless motor.
- Multifunctional control panel for operating main/variable speed control/reversing switches.
- 350mm nylon cutting head rotating clockwise prevents grass clippings from flying towards user's side.



18V

Fast charger, Battery cartridge, Nylon cutting head, Universal guard, Shoulder harness with double shoulder strap, Wrenches

No load speed (rpm)	5,000-6,500
Spindle size	M8 x 1.25RH
Dimensions (L x W x H)	1,797x310x229mm (70-3/4"x12-1/4"x9")
Net weight	4.5kg (9.9lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Battery & charger time reference chart P.14

Cordless Grass Trimmer

DUR362L

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



P99

Cordless grass trimmer powered by two 18V Li-ion batteries in series.

- Battery capacity warning lamp.
- XPT (eXtreme Protection Technology).
- Variable speed control by dial.



18V

No load speed (rpm)	3,500-6,600
Spindle size	M8 x 1.25LH
Sound pressure level	80dB(A)
Sound power level	95dB(A)
Dimensions (L x W x H)	1,856x286x246mm (73"x11-1/4"x9-11/16")
Max. output	0.50kW
Net weight	5.1kg (11.3lbs)

● Fast charger, Battery cartridge, Blade, Universal guard, Shoulder harness with double shoulder strap, Wrenches

Cordless Lawn Mower

DLM380

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



Lawn mower-Powered by two 18V Li-ion batteries in series.

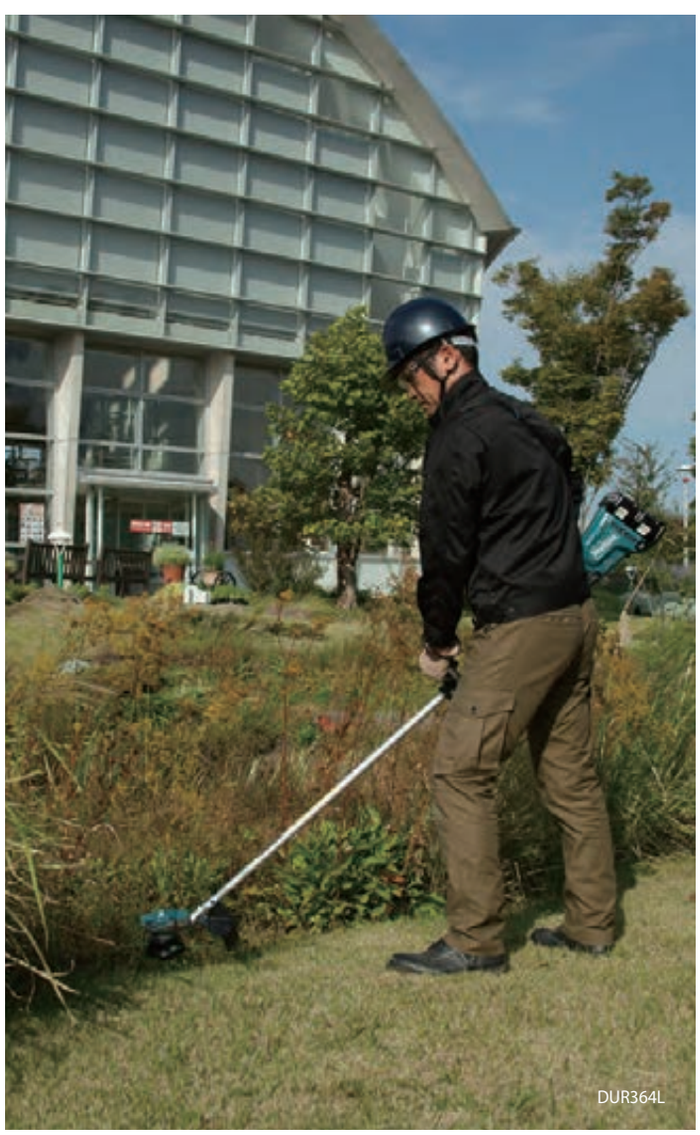
- High maneuverability and enviroment-friendly.
- Battery capacity warning lamp.
- Light-weight glass box.
- XPT(eXtreme Protection Technology).



18V

Cutting width	380mm (15")
Cutting height	25-75mm (1 - 2-15/16")
No load speed (rpm)	3,700
Recommended mowing area	270-540m²
Grass box capacity	40L
Dimensions (L x W x H)	1,145x465x1,023mm (45"x18-1/4"x40-1/4")
Max. output	0.62kW
Net weight	14.5kg (32.0lbs)

● Fast charger, Battery cartridge, Wrench, Blade



DUR364L



DUR365U

18V Lithium-ion

LXT



Jig Saw
DJV182 / DJV180

Slide Compound Miter Saw
DLS713

Circular Saw
DHS630 / DSS501 / DSS611 / DHS680

Multi Tool
DTM51 / DTM50

Planer
DKP180

Cut-out Tool
DCO180

Plate Joiner
DPJ180

Random Orbit Sander
DBO180

Die Grinder
DGD800 / DGD801

Angle Grinder
DGA402 / DGA452 / DGA404 / DGA454 / DGA504 / DGA405 / DGA455/ DGA505

Circular Saw
DHS710 / DHS711

Nibbler
DJN161

Combination Hammer
DHR263 / DHR264

Straight Shear
DJS161

Blower
DUB361
DUB362

Metal Shear
DJS101 / DJS130

Hedge Trimmer
DUH551 / DUH651

Portable Band Saw
DPB181 / DPB180

18V X2 36V

Powered by two 18V Li-ion batteries in series

Steel Rod Cutter
DSC191 / DSC162

Grass Trimmer
DUR361U / DUR365U

Recipro Saw
DJR183 / DJR185 / DJR182 / DJR181

Grass Trimmer
DUR362L / DUR364L

Chain Saw
DUC252 / DUC302 / DUC252C

Metal Cutter
DCS550

Lawn Mower
DLM380

Combination Hammer
DHR242 / DHR243 / DHR202 / DHR241

Corded and Cordless Vacuum Cleaner
DVC860L

Rotaty hummer
DHR165

Auto Feed Screwdriver
DFR550 / DFR750

Angle Impact Wrench
DTL063

Angle Drill
DDA351 / DDA350

Screwdriver
DFS452 / DFS451 / DFS450

Angle Impact Driver
DTL061

Impact Wrench
DTW281 /DTW251 / DTW253 / DTW450 / DTW451

Oil-Pulse Driver
DTS141

Impact Driver
DTD148 / DTD147 / DTD146 / DTD145 / DTD141

4 Mode Impact Driver
DTP141

140+ TOOLS



Expand Your Lithium Line Up

Product availability and specifications may vary by country or area..



Max lock torque: 125 N.m (1,090 in.lbs)

Efficient Brush-less DC motor provides higher power and productivity.
45%* increase in work efficiency compared with predecessor model

Newly-developed large brushless motor



Test comparison:
Drilled through a 38mm thick SPF with 2-9/16" self-feeding bit.

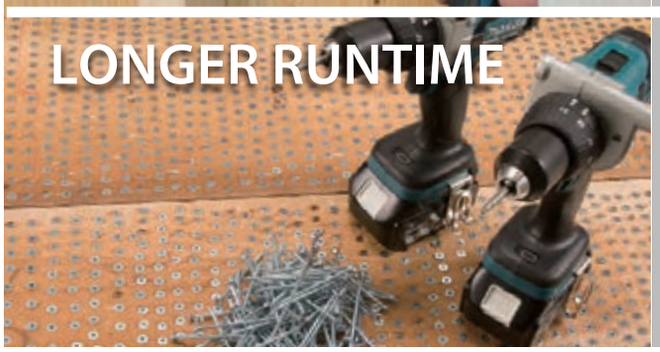
DHP481, DDF481 (Low Speed, 4.0Ah Battery)	145
predecessor model (Low Speed, 3.0Ah Battery)	100



Compact overall length: 205mm for increased maneuverability

20mm compact than our predecessor model





More work amount than predecessor model on a single full battery charge because of no friction loss caused by brushes

Test conditions:
Drilled in a brick to a depth of 30mm with ø8mm

DHP481 (High Speed, 4.0Ah Battery)	200
predecessor model (High Speed, 3.0Ah Battery)	100

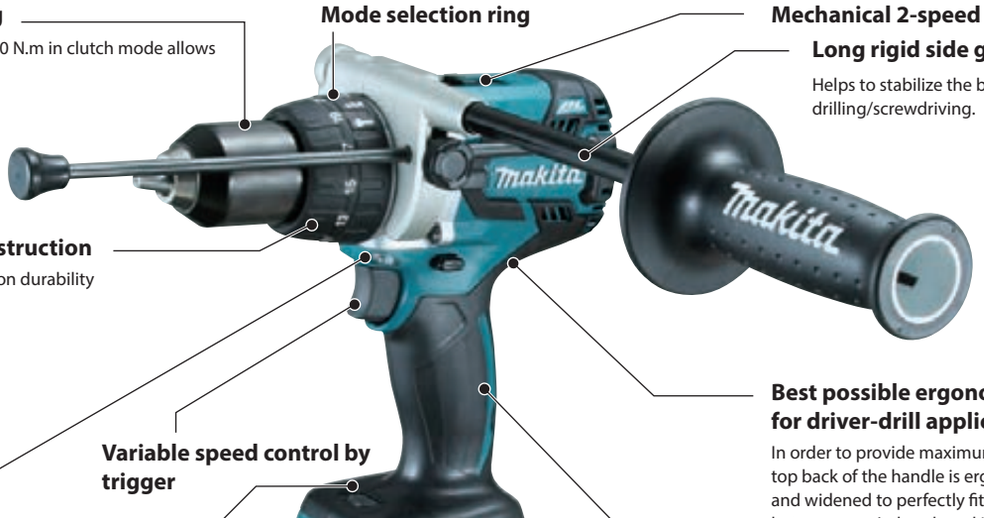


Torque setting ring
Wider torque range of 1-10 N.m in clutch mode allows for versatile applications.

Mode selection ring

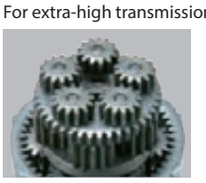
Mechanical 2-speed gearing

Long rigid side grip
Helps to stabilize the bit for steady drilling/screwdriving.



new

All metal gear construction
For extra-high transmission durability



Variable speed control by trigger

Twin LED Job light
With after-glow function



Best possible ergonomic handle for driver-drill applications
In order to provide maximum thrust to the bit, the top back of the handle is ergonomically contoured and widened to perfectly fit the U-shape formed between user's thumb and index finger.

Ribbed soft grip
Enables all finger tips to hold the handle securely against the strong rotational force of counter torque even in single-handed operation.

Photo : DHP481

Powered by 18V Li-ion battery

BL MOTOR XPT EXTREME PROTECTION TECHNOLOGY

For use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced.



Battery fuel gauge
The power remaining in the battery can be indicated in 3 stages simply by pushing a button;
3 lights on : more than 50% of full battery capacity
2 lights on : 20% to 50% of full battery capacity
1 light on : less than 20% of full battery capacity

Cordless Driver Drill
DDF481

Cordless Hammer Driver Drill
DHP481

Cordless Driver Drill

DDF481 13mm (1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



P99 A

Best class cordless driver drill powered by 18V Li-ion batteries.

- Max lock torque: 125N·m.
- Efficient Brushless DC motor provides higher power and productivity than that of DDF458.
- Compact tool size with an overall length of 205mm.



18V

Capacity	Steel : 13mm (1/2")
	Wood : 76mm (3")
No load speed (rpm)	Hi : 0-2,100
	Lo : 0-550
Max. fastening torque	Hard / Soft : 115 / 60N·m
Dimensions (L x W x H)	205x79x249mm (8-1/8"x3-1/8"x9-3/4")
Net weight	2.4kg (5.2lbs)

Cordless Driver Drill

DDF458 13mm (1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 440



P99 A

Extremely compact tool size.

- Enhanced dust and drip-proof performance.
- Higher power and productivity.
- Best possible ergonomic handle for driver-drill applications.
- Wider torque range of 1-10 N.m in clutch mode.



18V

● Fast charger, Battery cartridge, (+)(-) bit, Side grip

Capacity	Steel : 13mm (1/2")
	Wood : 76mm (3")
No load speed (rpm)	Hi : 0-2,000
	Lo : 0-400
Max. fastening torque	Hard / Soft : 91 / 58N·m
Dimensions (L x W x H)	225x79x259mm (8-7/8"x3-1/8"x10-1/4")
Net weight	2.3kg (5.0lbs)

Cordless Driver Drill

DDF451 13mm (1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 440



P99 A

High operation efficiency with high torque.

- Robust body construction with aluminum gear housing.
- Original 4-pole motor for power, light weight and compact size.
- Best fit ergonomic grip shape.
- Twin LED job light with afterglow function.
- Anti-slip rubberized side grip.



18V

● Fast charger, Battery cartridge, (+)(-) bit, Side grip

Capacity	Steel : 13mm (1/2")
	Wood : 65mm (2-9/16")
No load speed (rpm)	3rd : 0-1,700
	2nd : 0-600
	1st : 0-300
Max. fastening torque	Hard / Soft : 80 / 40N·m
Dimensions (L x W x H)	238x78x257mm (9-3/8"x3-1/16"x10-1/8")
Net weight	2.1kg (4.6lbs)

Cordless Driver Drill

DDF480 13mm (1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99 A

Superior class cordless driver drill.

- Compact tool size with an overall length of 185mm.
- High power and maintenance-free achieved with new Brushless DC motor.
- Enhanced dust and drip-proof design to ensure reliable operation even under bad weather.
- Battery fuel gauge shows the remaining capacity by pulling switch trigger.



18V

● Fast charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
No load speed (rpm)	Hi : 0-1,550
	Lo : 0-400
Max. fastening torque	Hard / Soft : 54 / 36N·m
Dimensions (L x W x H)	185x79x260mm (7-1/4"x3-1/8"x10-1/4")
Net weight	1.5kg (3.2lbs)

Cordless Driver Drill

DDF456 13mm (1/2")

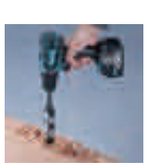
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 440



P99 A

High power and lightweight.

- High power, compact and lightweight 4-pole motor.
- Mechanical 2-speed gearing.
- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- All metal gear construction ensures high transmission durability.
- LED Job light with afterglow function.



18V

● Fast charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
No load speed (rpm)	Hi : 0-1,500
	Lo : 0-400
Max. fastening torque	Hard / Soft : 50 / 36N·m
Dimensions (L x W x H)	192x79x251mm (7-9/16"x3-1/8"x9-7/8")
Net weight	1.5kg (3.3lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Driver Drill — DDF459 13mm (1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



BL MOTOR

P99 A

Compact design with an overall length of only 179mm.

- Energy production is much more efficient.
- All metal gear construction ensures high transmission durability.
- LED Job light with pre-glow function.
- Variable speed control by trigger.



18V

Fast charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
No load speed (rpm)	Hi : 0-1,500
	Lo : 0-400
Max. fastening torque	Hard / Soft : 45 / 25N·m
Dimensions (L x W x H)	179x78x256mm (7"x3-1/16"x10-1/8")
Net weight	1.5kg (3.2lbs)

Cordless Driver Drill — DDF453 13mm (1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99 A

Compact and lightweight design.

- All metal gear construction ensures high transmission durability.
- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- Ergonomically designed rubberized soft grip provides more control and comfort.



18V

Fast charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 13mm (1/2")
	Wood : 36mm (1-7/16")
No load speed (rpm)	Hi : 0-1,300
	Lo : 0-400
Max. fastening torque	Hard / Soft : 42 / 27N·m
Dimensions (L x W x H)	220x79x244mm (8-5/8"x3-1/8"x9-5/8")
Net weight	1.6kg (3.5lbs)

Cordless Hammer Driver Drill — DHP481 13mm (1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new



BL MOTOR XPT EXTREME PROTECTION TECHNOLOGY

P99 A

Best class cordless hammer driver drill powered by 18V Li-ion batteries.

- Max lock torque: 125N·m.
- Efficient Brushless DC motor provides higher power and productivity than that of DHP458.
- Compact tool size with an overall length of 205mm.



18V

Fast charger, Battery cartridge, (+)(-) bit, Side grip, Depth rod

Capacity	Steel : 13mm (1/2")
	Wood : 76mm (3")
	Masonry : 16mm (5/8")
Impacts per minute (ipm)	Hi : 0-31,500
	Lo : 0-8,250
No load speed (rpm)	Hi : 0-2,100
	Lo : 0-550
Max. fastening torque	Hard / Soft : 115 / 60N·m
Dimensions (L x W x H)	205x79x249mm (8-1/8"x3-1/8"x9-3/4")
Net weight	2.4kg (5.4lbs)

Cordless Hammer Driver Drill — DHP458 13mm (1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 440



XPT EXTREME PROTECTION TECHNOLOGY

P99 A

Extremely compact tool size.

- Enhanced dust and drip-proof performance.
- Wider torque range of 1-10 N.m in clutch mode.
- Best possible ergonomic handle for driver-drill applications.



18V

Fast charger, Battery cartridge, (+)(-) bit, Side grip, Depth rod

Capacity	Steel : 13mm (1/2")
	Wood : 76mm (3")
	Masonry : 16mm (5/8")
Impacts per minute (ipm)	Hi : 0-30,000
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-2,000
	Lo : 0-400
Max. fastening torque	Hard / Soft : 91 / 58N·m
Dimensions (L x W x H)	225x79x259mm (8-7/8"x3-1/8"x10-1/4")
Net weight	2.3kg (5.1lbs)

Cordless Hammer Driver Drill — DHP451 13mm (1/2")

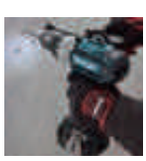
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 440



P99 A

High operation efficiency with high torque.

- Robust body construction with aluminum gear housing.
- Original 4-pole motor for power, light weight and compact size.
- Best fit ergonomic grip shape.
- Twin LED job light with afterglow function.
- Anti-slip rubberized side grip.



18V

Fast charger, Battery cartridge, (+)(-) bit, Side grip, Depth rod

Capacity	Steel : 13mm (1/2")
	Wood : 65mm (2-9/16")
	Masonry : 16mm (5/8")
Impacts per minute (ipm)	3rd : 0-25,500
	2nd : 0-9,000
	1st : 0-4,500
No load speed (rpm)	3rd : 0-1,700
	2nd : 0-600
	1st : 0-300
Max. fastening torque	Hard / Soft : 80 / 40N·m
Dimensions (L x W x H)	250x78x257mm (9-7/8"x3-1/16"x10-1/8")
Net weight	2.2kg (4.9lbs)

Cordless Hammer Driver Drill

DHP480 13mm(1/2")



XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99 A

Superior class cordless hammer driver drill.

· Compact tool size with an overall length of 199mm.
· High power and maintenance-free achieved with new Brushless DC motor.
· Enhanced dust and drip-proof design to ensure reliable operation even under bad weather.
· Battery fuel gauge shows the remaining capacity by pulling switch trigger.



18V

Fast charger, Battery cartridge, (+)(-) bit

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
	Masonry : 13mm (1/2")
Impacts per minute (ipm)	Hi : 0-23,000
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-1,550
	Lo : 0-400
Max. fastening torque	Hard / Soft : 54 / 36N·m
Dimensions (L x W x H)	199x79x260mm (7-7/8"x3-1/8"x10-1/4")
Net weight	1.5kg (3.4lbs)

Cordless Hammer Driver Drill

DHP456 13mm (1/2")



P99 A

Compatible with batteries with protection circuit.

· Mechanical 2-speed gearing.
· Protects battery from overdischarge, high temperature and overload current.
· Best possible shape of grip for driver-drill applications.
· All metal gear construction ensures high transmission durability.
· LED Job Light with after glow function.



18V

Fast charger, Battery cartridge, (+)(-) bit

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 440

Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
	Masonry : 13mm (1/2")
Impacts per minute (ipm)	Hi : 0-22,500
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-1,500
	Lo : 0-400
Max. fastening torque	Hard / Soft : 50 / 36N·m
Dimensions (L x W x H)	206x79x251mm (8-1/8"x3-1/8"x9-7/8")
Net weight	1.6kg (3.4lbs)

Cordless Hammer Driver Drill

DHP459 13mm (1/2")



BL MOTOR

P99 A

Compact design with an overall length of only 192mm.

· Energy production is much more efficient.
· All metal gear construction ensures high transmission durability.
· LED Job light with pre-glow function.



18V

Fast charger, Battery cartridge, (+)(-) bit

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
	Masonry : 13mm (1/2")
Impacts per minute (ipm)	Hi : 0-22,500
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-1,500
	Lo : 0-400
Max. fastening torque	Hard / Soft : 45 / 25N·m
Dimensions (L x W x H)	192x78x256mm (7-9/16"x3-1/16"x10-1/8")
Net weight	1.5kg (3.3lbs)

Cordless Hammer Driver Drill

DHP453 13mm (1/2")



P99 A

Compact and lightweight design.

· All metal gear construction ensures high transmission durability.
· Single sleeve keyless chuck enables easy bit installation/removal with one hand.
· Ergonomically designed rubberized soft grip provides more control and comfort.



18V

Fast charger, Battery cartridge, (+)(-) bit

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Capacity	Steel : 13mm (1/2")
	Wood : 36mm (1-7/16")
	Masonry : 13mm (1/2")
Impacts per minute (ipm)	Hi : 0-19,500
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-1,300
	Lo : 0-400
Max. fastening torque	Hard / Soft : 42 / 27N·m
Dimensions (L x W x H)	239x79x244mm (9-3/8"x3-1/8"x9-5/8")
Net weight	1.7kg (3.7lbs)

Cordless tool

Battery & charger time reference chart P.14

Cordless Oil-Pulse Driver | **DTS141** | Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

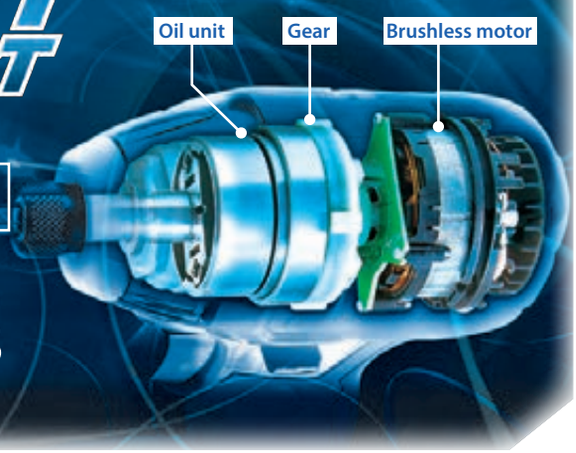
Using newly-developed Oil Unit as an impact mechanism instead of anvil and hammer, operation noise has been greatly reduced compared with cordless impact driver.

SOFT IMPACT

Low Noise

75 dB (DTS131)

(DTS141 : 77dB)

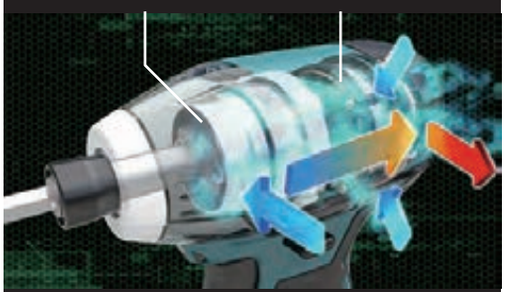


Enables "Consecutive Fastening" at high speed.

Drastically reduces influence from Heat

New Oil Unit has been downsized to reduce heat influence

Brushless Motor that produces Low Heat



Rear fan efficiently cools down Oil Unit & Motor

Smooth Fastening!

Small Reaction that prevents hands from swinging



2 impacts per 1 RPM prevents a driver bit from easily coming out



World's Shortest & Lightest among Cordless Oil-pulse Drivers

136mm



LED Job light with pre-glow and afterglow functions

- On pulling switch trigger, the light automatically turns on before motor starts turning.
- Keeps on illuminating about 12-13 sec. after trigger release.
- With a manual on-off switch for the activation system



Battery fuel gauge

The power remaining in the battery can be indicated in 3 stages simply by pushing a button

Electronic 3 stage impact power selection

In order to reduce fault tightening, hard/medium/soft impact power can be selected to the material of workpiece or screw type simply by pushing a button.

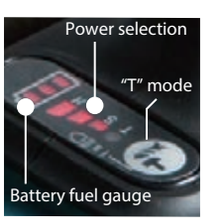


Photo: DTS141
Tool does not come with bit.

Lightweight 1.2 kg (2.7lbs) 18V with Battery BL1820



new Max. fastening torque 40 N•m

"T" mode:
Tightening mode for self-drilling screw

T-mode is a special mode optimum for fast tightening of self drilling screws without damaging the screw and the workpiece.

		DTS141
Impacts per minute (ipm)	Hard :	0-2,700
	Medium :	0-2,200
	Soft :	0-1,400
No load speed (rpm)	Hard :	0-2,700
	Medium :	0-2,100
	Soft :	0-1,000

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M8 (3/16" - 5/16")
	High tensile bolt : M5 - M6 (3/16" - 1/4")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	Hard :0-2,700
	Medium :0-2,200
	Soft :0-1,400
No load speed (rpm)	Hard :0-3,200
	Medium :0-2,000
	Soft :0-1,200
Max. fastening torque	40N·m (355in.lbs)
Noise	77dB(A)
Dimensions (L x W x H)	136x79x240mm (5-3/8"x3-1/8"x9-1/2")
Net weight	1.2kg (2.7lbs)

BL MOTOR

XPT EXTREME PROTECTION TECHNOLOGY

For use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced.

18V LITHIUM-ION

Fast charger, Battery cartridge

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Impact Driver | **DTD148** | Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Phosphorescent bumper



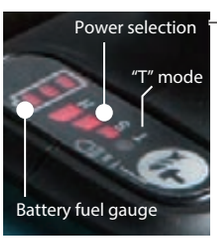
LED Job light with pre-glow and afterglow functions

- On pulling switch trigger, the light automatically turns on before motor starts turning.
- Keeps on illuminating about 12-13 sec. after trigger release.
- With a manual on-off switch for the activation system



3 stage impact power selection

In order to reduce fault tightening, hard/medium/soft impact power can be selected to the material of workpiece or screw type simply by pushing a button.



Battery fuel gauge

The power remaining in the battery can be indicated in 3 stages simply by pushing a button;
3 lights on: more than 50% of full battery capacity
2 lights on: 20% to 50% of full battery capacity
1 light on : less than 20% of full battery capacity



Photo: DTD148





"T" mode: Fastening mode for self-drilling screw

"T" mode is a special mode optimum for fast tightening of self-drilling screws without damaging the screw and the workpiece. In this mode, first, the tool drills in the workpiece quickly with the tip of self-drilling screw at 3,600rpm, the rotational speed of "Hard" mode. Then, when the tool starts impacting, the built-in electronic controller automatically reduces the rotational speed and the impact speed to 2,100rpm and 2,600ipm, those of "Medium" mode in order not to twist off nor to strip out the screw head. Finally, with the "Medium" power, the tool drives the screw into place without damaging the screw and the workpiece.

Ergonomically designed handle with soft grip

provides comfortable grip and more control while minimizing hand fatigue and pain.

BL MOTOR

XPT EXTREME PROTECTION TECHNOLOGY

For use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced.

18V LITHIUM-ION

new

Fast charger, Battery cartridge

Capacity	*Machine screw : M4 - M8 (5/32" - 5/16")*
	Standard bolt : M5 - M16 (3/16" - 5/8")
	High tensile bolt : M5 - M14 (3/16" - 9/16")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	*3rd : 0-3,600*
	2nd : 0-2,100
	1st : 0-1,100
No load speed (rpm)	*3rd : 0-3,800*
	2nd : 0-2,100
	1st : 0-1,100
Max. fastening torque	*175N·m (1,550in.lbs)*
Dimensions (L x W x H)	*119x79x238mm (4-11/16"x3-1/8"x9-3/8")*
Net weight	*1.3kg (2.8lbs)*

Powerful

175 N·m

DTD148 : 18V

High Performance

35% *faster*

DTD148 : with BL1840

Compared with the predecessor model

More Compact

119 mm

10mm more compact than the predecessor model







Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Impact Driver — DTD147



P99

High performance with newly developed Brushless DC motor.

- 3 stage impact power selection.
- Compact overall length.
- Improved dustproof and waterproof.
- Battery power warning lamp.
- Ergonomically designed rubberized grip provides more control and comfort.



18V

Fast charger, Battery cartridge

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M16 (3/16" - 5/8")
	High tensile bolt : M5 - M14 (3/16" - 9/16")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	3rd : 0-3,400
	2nd : 0-2,800
	1st : 0-1,300
No load speed (rpm)	3rd : 0-2,800
	2nd : 0-2,300
	1st : 0-1,400
Max. fastening torque	170N·m (1,500in.lbs)
Dimensions (L x W x H)	129x79x239mm (5-1/8"x3-1/8"x9-3/8")
Net weight	1.3kg (2.8lbs)

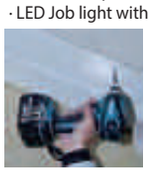
Cordless Impact Driver — DTD146



P99

Compact design with a short overall length of 138mm (5-7/16").

- Enhanced dust and drip-proof performance.
- Max fastening torque: 160N.m (1,420 in.lbs).
- The power remaining in the battery can be indicated in 3 stages simply by pushing a button.
- No need to pull bit sleeve for bit installation.
- LED Job light with pre-glow and afterglow functions.



18V

Fast charger, Battery cartridge

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 440

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M12 (3/16" - 1/2")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,300
Max. fastening torque	160N·m (1,420in.lbs)
Dimensions (L x W x H)	138x79x238mm (5-7/6"x3-1/8"x9-3/8")
Net weight	1.3kg (2.8lbs)

Cordless Impact Driver — DTD145



P99

Superior efficiency by brushless motor and equipped with transparent hammer case cover.

- High performance with Newly developed Brushless DC motor.
- More work amount on a single full battery charge.
- 3 stage impact power selection.
- Durable against continuous long operation.
- Ergonomically designed rubberized grip provides more control and comfort.



18V

Fast charger, Battery cartridge

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M12 (3/16" - 1/2")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	3rd : 0-3,400
	2nd : 0-2,800
	1st : 0-1,300
No load speed (rpm)	3rd : 0-2,600
	2nd : 0-2,000
	1st : 0-1,300
Max. fastening torque	165N·m (1,460in.lbs)
Dimensions (L x W x H)	139x79x236mm (5-1/2"x3-1/8"x9-1/4")
Net weight	1.3kg (2.8lbs)

Cordless Impact Driver — DTD129



P99

High Performance with Brushless DC Motor.

- Durable against continuous long operation.
- Max fastening torque: 160N.m (1,420 in.lbs).
- LED Job lightwith pre-glow functions.
- Ergonomically designed rubberized grip provides more control and comfort.



18V

Fast charger, Battery cartridge

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M12 (3/16" - 1/2")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,500
Max. fastening torque	160N·m (1,420in.lbs)
Dimensions (L x W x H)	147x79x244mm (5-7/8"x3-1/8"x9-5/8")
Net weight	1.3kg (2.9lbs)

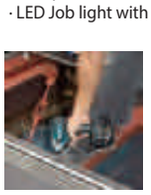
Cordless Impact Driver — DTD141



P99

Very compact and lightweight.

- One-touch bit installation.
- High power, compact and lightweight 4-pole motor.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Phosphorescent bumper.
- LED Job light with afterglow function.



18V

Fast charger, Battery cartridge

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 440

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M12 (3/16" - 1/2")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Driving shank (Hex)	6.35mm (1/4")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,300
Max. fastening torque	150N·m (1,330in.lbs)
Dimensions (L x W x H)	145x79x235mm (5-3/4"x3-1/8"x9-1/4")
Net weight	1.3kg (2.9lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless 4 Mode Impact Driver

DTP141

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99 B

More compact design achieved by using BLDC motor and electronic clutch mechanism.

- 4 Operation modes and Teks screw mode selection.
- Electronic Clutch Mechanism provides expanded torque range.
- Electronic Clutch Mechanism enables to drive Teks screw at 2,300rpm in high speed mode.
- Easier mode selection and higher durability of the selection mechanism.



18V

Fast charger, Battery cartridge

Capacity	Steel : 10mm (3/8")
	Wood : 21mm (13/16")
	Masonry : 8mm (5/16")
Impacts per minute (ipm)	Impact-driver mode (Hard / Medium / Soft) : 0-3,200 / 0-2,400 / 0-1,200
No load speed (rpm)	Hammer drill mode (Hi / Lo) : 0-32,400 / 0-8,400
	Impact-driver mode (Hard / Medium / Soft) : 0-2,700 / 0-2,200 / 0-1,300
	Drill mode (Hi / Lo) : 0-2,700 / 0-700
	Hammer drill mode (Hi / Lo) : 0-2,700 / 0-700
	Screwdriver mode (Hi / Lo) : 0-1,100 / 0-300
Max. fastening torque	Impact-driver mode : 150N·m (1,330in.lbs)
	Drill mode (Hard / Soft) : 22 / 13N·m
Dimensions (L x W x H)	171x79x250mm (6-3/4"x3-1/8"x9-7/8")
Net weight	1.6kg (3.5lbs)

Cordless Angle Impact Driver

DTL061

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99 C

Compact angle head for easy access in tight places.

- The head height of 53mm (2-1/16") ensures easy access to screws in tight places.
- Conveniently located reverse switch.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- LED job light with afterglow function.



18V

Fast charger, Battery cartridge, Phillips bit

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M4 - M12 (5/32" - 1/2")
	High tensile bolt : M4 - M8 (5/32" - 5/16")
	Coarse thread (in length): 22 - 75mm (7/8" - 2-31/32")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,000
Max. fastening torque	60N·m (531in.lbs)
Dimensions (L x W x H)	387x78x116mm (15-1/4"x3-1/16"x4-9/16")
Net weight	1.5kg (3.4lbs)

Cordless Angle Drill

DDA351 10mm (3/8")

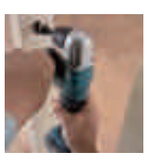
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 | 440



P99 A

Compact angle head with small head height.

- Original 4-pole motor for power, lightweight and compact size.
- LED job light with afterglow function.
- Ergonomically designed rubberized soft grip.
- Easy-to-operate large type (paddle type) switch trigger.
- DDA351 : Single sleeve keyless chuck enables easy bit installation / removal by one hand.



18V

Fast charger, Battery cartridge, Side grip

Capacity	Steel : 10mm (3/8")
	Wood : 25mm (1")
No load speed (rpm)	0-1,800
Dimensions (L x W x H)	326x79x115mm (12-7/8"x3-1/8"x4-1/2")
Net weight	1.8kg (4.0lbs)

Cordless Angle Drill

DDA350 10mm (3/8")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 | 440



P99 A

Compact angle head with small head height.

- Original 4-pole motor for power, lightweight and compact size.
- LED job light with afterglow function.
- Ergonomically designed rubberized soft grip.
- Easy-to-operate large type (paddle type) switch trigger.



18V

Fast charger, Battery cartridge, Chuck key, Side grip

Capacity	Steel : 10mm (3/8")
	Wood : 25mm (1")
No load speed (rpm)	0-1,800
Dimensions (L x W x H)	314x79x115mm (12-3/8"x3-1/8"x4-1/2")
Net weight	1.8kg (4.0lbs)

Cordless Screwdriver

DFS452

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

new



P99 E

High power delivered by Brushless motor.

- High power enables to tighten screws as fast as if you were using a corded screwdriver.
- More work amount on a single full battery charge thanks to Brushless motor.
- Push drive technology minimizes power consumption under no load.
- Lock-on button for continuous screwdriving.
- Compact and ergonomic design for screwdriving.



18V

Fast charger, Battery cartridge, Phillips bit, Magnetic connect bit

Capacity	Drywall screw : 5mm (3/16")
	Self drilling screw : 6mm (1/4")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	0-4,000
Dimensions (L x W x H)	251x79x259mm (10"x3-1/8"x11-1/4")
Net weight	1.5kg (3.2lbs)

Cordless tool

Battery & charger time reference chart P.14

Cordless Screwdriver — DFS451

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 440



P99 E

Well balanced tool design for easy handling and maneuverability.

- One-touch locator allows for easy locator installation/ removal with a single action.
- Variable speed control switch provides easier operation for fine adjustment of screw depth without locator.
- LED job light with afterglow function.
- With Silent clutch.



18V

Fast charger, Battery cartridge, Phillips bit, Magnetic connect bit

Capacity	Drywall screw : 4mm (5/32")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	0-4,000
Dimensions (L x W x H)	281x80x241mm (11-1/8"x3-1/8"x9-1/2")
Net weight	1.5kg (3.3lbs)

Cordless Screwdriver — DFS450

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 440



P99 E

Easy bit changes with one-touch locator removable by simply pulling.

- Silent clutch features high durability.
- LED job light with afterglow function.
- Ergonomically designed rubberized soft grip.
- Bit holder is provided for a spare bit.



18V

Fast charger, Battery cartridge, Phillips insert bit, Magnetic bit holder

Capacity	Drywall screw : 4mm (5/32")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	4,000
Dimensions (L x W x H)	258x80x193mm (10-1/8"x3-1/8"x7-5/8")
Net weight	1.7kg (3.7lbs)

Cordless Auto Feed Screwdriver — DFR550

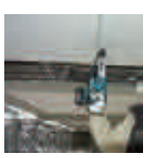
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 440



P99 E

More reliable sturdy aluminum casing attachment.

- Accept screw length up to 55mm (2-3/16").
- Stopper base provides anti-tilt device for preventing screws from swaying.
- Silent clutch features high durability.
- Screw guide designed to prevent collated screw strip from getting tangled.
- Reverse switch operable by one hand.



18V

Fast charger, Battery cartridge, Phillips bit

Capacity	Drywall screw : 4x25 - 55mm (5/32"x1" - 2-3/16")
Bit size	Hex Shank : 6.35mm (1/4")
No load speed (rpm)	4,000
Dimensions (L x W x H)	424x80x238mm (16-3/4"x3-1/8"x9-3/8")
Net weight	2.1kg (4.6lbs)

Cordless Auto Feed Screwdriver — DFR750

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 440



P99 E

More reliable sturdy aluminum casing attachment.

- Accept screw length up to 75mm (2-15/16").
- Stopper base provides anti-tilt device for preventing screws from swaying.
- Silent clutch features high durability.
- Screw guide designed to prevent collated screw strip from getting tangled.
- Reverse switch operable by one hand.



18V

Fast charger, Battery cartridge, Bit

Capacity	Drywall screw : 4x45 - 75mm (5/32"x1-3/4" - 2-15/16")
Bit size	Hex Shank : 6.35mm (1/4")
No load speed (rpm)	4,000
Dimensions (L x W x H)	464x80x238mm (18-1/4"x3-1/8"x9-3/8")
Net weight	2.1kg (4.7lbs)

Cordless Impact Wrench — DTW450 1/2" (12.7mm)

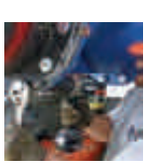
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 441



P99 D

Maximum fastening torque of 440N.m (3,900in.lbs).

- Same fastening torque in forward and reverse rotations.
- Compact provides more control and maneuverability.
- Large bumper protects workpiece from scratches.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Easy to operate by large rocker switch.



18V

Fast charger, Battery cartridge

Capacity	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	2,200
No load speed (rpm)	1,600
Max. fastening torque	440N·m (3,900in.lbs)
Dimensions (L x W x H)	266x82x290mm (10-1/2 "x3-1/4"x11-3/8")
Net weight	3.4kg (7.5lbs)

Tool does not come with socket.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Impact Wrench

DTW451 7/16" (11.2mm)

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 441



P99 B

7/16" Hex retention system.

- Maximum fastening torque of 440N.m (3,900in.lbs).
- Same fastening torque in forward and reverse rotations.
- Compact provides more control and maneuverability.
- Large bumper protects workpiece from scratches.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.



18V

Fast charger, Battery cartridge

Capacity	Standard bolt : M12 - M22 (15/32" - 7/8")
	High tensile bolt : M12 - M16 (15/32" - 5/8")
Driving shank (Hex)	11.2mm (7/16")
Impacts per minute (ipm)	2,200
No load speed (rpm)	1,900
Max. fastening torque	440N·m (3,900in.lbs)
Dimensions (L x W x H)	273x82x290mm (10-3/4"x3-1/4"x11-3/8")
Net weight	3.5kg (7.8lbs)

Tool does not come with bit.

Cordless Impact Wrench

DTW281 1/2" (12.7mm)

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



BL MOTOR

P99 D

280 N.m (207 ft.lbs).

- Compact design with a short overall length of 147 mm (5-3/4").
- The power remaining in the battery can be indicated in 3 stages simply by pushing a button.
- Electronic 3 stage impact power selection.
- 12.7 mm (1/2") Square drive.



18V

Fast charger, Battery cartridge

Capacity	Standard bolt : M10 - M20 (3/8" - 3/4")
	High tensile bolt : M10 - M16 (3/8" - 5/8")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	3rd : 0-3,500
	2nd : 0-2,600
	1st : 0-1,800
No load speed (rpm)	3rd : 0-2,800
	2nd : 0-2,100
	1st : 1,600
Max. fastening torque	280N·m (2,480in.lbs)
Dimensions (L x W x H)	147x79x249mm (5-3/4"x3-1/8"x9-3/4")
Net weight	1.5kg (3.2lbs)

Tool does not come with socket.

Cordless Impact Wrench

DTW251 1/2" (12.7mm)

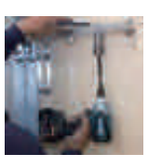
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 448



P99 D

High torque to weight ratio at 230N.m (2,040in.lbs).

- Compact provides more control and maneuverability.
- High power, compact and lightweight 4-pole motor.
- LED job light with afterglow function.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.



18V

Fast charger, Battery cartridge

Capacity	Standard bolt : M10 - M16 (3/8" - 5/8")
	High tensile bolt : M10 - M14 (3/8" - 9/16")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,100
Max. fastening torque	230N·m (2,040in.lbs)
Dimensions (L x W x H)	165x79x234mm (6-1/2"x3-1/8"x9-1/4")
Net weight	1.5kg (3.3lbs)

Tool does not come with socket.

Cordless Impact Wrench

DTW253 3/8" (9.5mm)

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 448



P99 D

High torque to weight ratio at 210N.m (1,860in.lbs).

- Compact provides more control and maneuverability.
- High power, compact and lightweight 4-pole motor.
- LED job light with afterglow function.
- Ergonomically designed rubberized soft grip provides more control and comfort.



18V

Charger, Battery cartridge

Capacity	Standard bolt : M8 - M16 (5/16" - 5/8")
	High tensile bolt : M6 - M12 (1/4" - 1/2")
	Square drive : 9.5mm (3/8")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,100
Max. fastening torque	210N·m (1,860in.lbs)
Dimensions (L x W x H)	155x79x234mm (6-1/8"x3-1/8"x9-1/4")
Net weight	1.3kg (2.9lbs)

Tool does not come with socket.

Cordless Angle Impact Wrench

DTL063 3/8"(9.5mm)

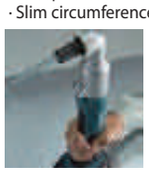
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99 C

Compact angle head for easy access to bolts in tight places.

- Conveniently located reverse switch.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- LED job light with afterglow function.
- Phosphorescent bumper is convenient in dark place.
- Slim circumference grip.



18V

Fast charger, Battery cartridge

Capacity	Standard bolt : M4 - M12 (5/32" - 1/2")
	High tensile bolt : M4 - M8 (5/32" - 5/16")
	Square drive : 9.5mm (3/8")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,000
Max. fastening torque	60N·m (531in.lbs)
Dimensions (L x W x H)	387x78x116mm (15-1/4"x3-1/16"x4-9/16")
Net weight	1.5kg (3.3lbs)

Cordless tool

Battery & charger time reference chart P.14

Cordless Rotary Hammer

DHR165 16mm (5/8") Adapted for SDS-PLUS bits

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430

new



XPT EXTREME PROTECTION TECHNOLOGY

P99

Compact and Light weight.

- Ergonomic handle for perfect tool control and minimum hand fatigue and pain.
- Dual operation mode "Rotation only" + "Hammering with Rotation".
- Side handle of new design uses elastomer for non-slip yet soft grip.
- Conveniently located push button for rotation reverse.
- LED Job light with afterglow function.



18V

Fast charger, Battery cartridge, Side grip, Depth gauge

Impact energy	1.3J
Capacity	Concrete : 16mm (5/8")
	Steel : 13mm (1/2")
	Wood : 24mm (15/16")
Impacts per minute (ipm)	0 - 5,300
No load speed (rpm)	0-1,600
Dimensions (L x W x H)	297x79x253mm (11-3/4"x3-1/8"x10")
Net weight	2.2kg (4.9lbs)

Tool does not come with bit.

Cordless Combination Hammer

DHR242 24mm (15/16") Adapted for SDS-PLUS bits

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99

Efficient Brushless DC motor provides higher productivity.

- Versatile 3 Mode Operation - hammering, hammering with rotation, rotation.
- Excellent maneuverability achieved by in-line grip and ideal gravity point close to handle for easy machine thrust.



18V

Fast charger, Battery cartridge, Depth gauge, Side grip

Impact energy	2J
Capacity	Concrete : 24mm (15/16")
	Steel : 13mm (1/2")
	Wood : 27mm (1-1/16")
Impacts per minute (ipm)	0-4,700
No load speed (rpm)	0-950
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	hammer drilling: 13.5m/s²
	chiseling: 10.5m/s²
	drilling: 3.5m/s²
Dimensions (L x W x H)	328x85x213mm (12-7/8"x3-3/8"x8-3/8")
Net weight	3.3kg (7.2lbs)

Tool does not come with bit.

Cordless Combination Hammer

DHR243 24mm (15/16") Adapted for SDS-PLUS bits

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99

Efficient Brushless DC motor provides higher productivity.

- Versatile 3 Mode Operation - hammering, hammering with rotation, rotation.
- Excellent maneuverability achieved by in-line grip and ideal gravity point close to handle for easy machine thrust.
- Easy-to-grip handle.
- Quick change drill chuck.



18V

Fast charger, Battery cartridge, Quick change drill chuck, Depth gauge, Side grip

Impact energy	2J
Capacity	Concrete : 24mm (15/16")
	Steel : 13mm (1/2")
	Wood : 27mm (1-1/16")
Impacts per minute (ipm)	0-4,700
No load speed (rpm)	0-950
Sound pressure level	89dB(A)
Sound power level	100dB(A)
Vibration level	hammer drilling: 13m/s²
	chiseling: 11m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	353x85x213mm (13-7/8"x3-3/8"x8-3/8")
Net weight	3.4kg (7.6lbs)

Tool does not come with bit.

CLEAN

Dust Extraction System

DX01 (for DHR242) / DX02 (for DHR243)

This system is designed to collect dust effectively with the on-off operation of the tool's on-off trigger switch interlocked with this system.

HEPA filter



HEPA Filter

High Efficiency Particulate Air filter is widely regarded as ultimate filter that traps all sizes of particles with an efficiency rating of 99.75%.

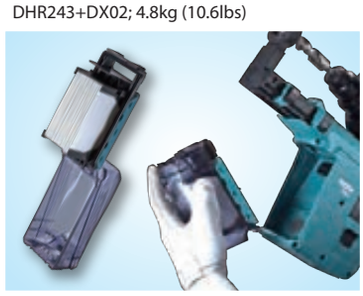


Numbers in the chart are relative values when the capacities of the competitor H is indexed at 100.



Lightweight

Total weight of machine + Dust extraction system:
DHR242+DX01; 4.6kg (10.2lbs)
DHR243+DX02; 4.8kg (10.6lbs)



Dust Box

Large dust box cover can be opened simply by pushing a single push button for easy dust cleaning.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Combination Hammer

DHR202 20mm (13/16") Adapted for SDS-PLUS bits

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 | 441



P99

Light weight although being a 3-mode rotary hammer.

- 3 operation modes:Hammering, hammering with rotation, rotation.
- Ergonomically designed handle with rubberized grip provides more control and comfort.
- One-touch sliding chuck for easy bit change.
- Anti-slip rubberized side grip.
- Chisel can rotate full 40 different locking positions without using chisel adapter.



18V

Fast charger, Battery cartridge, Side grip, Depth gauge

Impact energy	1.9J
Capacity	Concrete : 20mm (13/16")
	Steel : 13mm (1/2")
	Wood : 26mm (1")
Impacts per minute (ipm)	0-4,000
No load speed (rpm)	0-1,100
Dimensions (L x W x H)	358x84x259mm (14-1/8"x3-5/16"x10-1/4")
Net weight	3.5kg (7.7lbs)

Tool does not come with bit.

Cordless Combination Hammer

DHR241 20mm (13/16") Adapted for SDS-PLUS bits

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 | 441



P99

Light weight although being a 3-mode rotary hammer.

- 3 operation modes "Hammering with rotation","Hammering only","Rotation only".
- Ergonomically designed handle with rubberized grip provides more control and comfort.
- One-touch sliding chuck enables easy bit change.



18V

Fast charger, Battery cartridge, Side grip, Depth gauge

Impact energy	1.9J
Capacity	Concrete : 20mm (13/16")
	Steel : 13mm (1/2")
	Wood : 26mm (1")
Impacts per minute (ipm)	0-4,000
No load speed (rpm)	0-1,100
Sound pressure level	86dB(A)
Sound power level	97dB(A)
Vibration level	hammer drilling: 12.5m/s^2
	chiseling: 9.5m/s^2
	drilling: 2.5m/s^2
Dimensions (L x W x H)	417x84x219mm (16-3/8"x3-5/16"x8-5/8")
Net weight	3.5kg (7.7lbs)

Tool does not come with bit.

Cordless Recipro Saw

DJR183

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

Two switch levers are available with variable speed control.

- Toolless blade clamp for Recipro saw blade.
- Compact and lightweight handy body.
- LED job light with pre-glow function.



18V

Charger, Battery cartridge x2, Recipro saw blades

Capacity	Pipe : 50mm (2")
	Wood : 50mm (2")
Length of stroke	13mm (1/2")
Strokes per minute (spm)	0-3,000
Dimensions (L x W x H)	392x81x209mm (15-1/2"x3-3/16"x8-1/4")
Net weight	1.6kg (3.5lbs)

Cordless Recipro Saw

DJR185

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

Two switch levers are available with variable speed control.

- Compact and lightweight handy body.
- Blade clamp compatible with both Recipro and Jig saw blades.
- LED job light with pre-glow function.



18V

Charger, Battery cartridge x2, Recipro saw blades

Capacity	Pipe : 50mm (2")
	Wood : 50mm (2")
Length of stroke	13mm (1/2")
Strokes per minute (spm)	0-3,000
Dimensions (L x W x H)	392x81x209mm (15-1/2"x3-3/16"x8-1/4")
Net weight	1.6kg (3.5bs)

Cordless Recipro Saw

DJR182

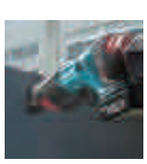
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 | 441



P99

High speed cutting of 28mm (1-1/8") stroke length.

- Toolless push-in lock system enables quick bade changes.
- Shoe is adjustable to 5 positions by merely pushing a button.
- The slider is protected against sawdust by air from the fan.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.



18V

Fast charger, Battery cartridge, Recipro saw blade set

Capacity	Pipe : 130mm (5-1/8")
	Wood : 255mm (10")
Length of stroke	28mm (1-1/8")
Strokes per minute (spm)	0-2,900
Dimensions (L x W x H)	449x91x241mm (17-3/4"x3-5/8"x9-1/2")
Net weight	3.6kg (7.9lbs)

Cordless tool

Battery & charger time reference chart P.14

Cordless Recipro Saw — DJR181

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 441



P99 I

Extra high cutting speed model with large variable speed trigger.

- Tool-less blade change and toolless shoe adjustment.
- Dust preventing air flow protects the front head mechanism.
- Best fit ergonomic grip shape for overhead application with gloved hand.
- Two-light type LED job light with afterglow function.
- With sky hook.



18V

Fast charger, Battery cartridge, Recipro saw blade set

Capacity	Pipe : 130mm (5-1/8")
	Wood : 255mm (10")
Length of stroke	28mm (1-1/8")
Strokes per minute (spm)	0-2,900
Dimensions (L x W x H)	499x91x234mm (19-5/8"x3-5/8"x9-1/4")
Net weight	3.7kg (8.1lbs)

Cordless Steel Rod Cutter — DSC191

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



Use strong 18V lithium-ion battery for drastically increased cutting power and speed.

- Compact and light weight.



18V

Wrench, Hex wrench 4, Oil 35ml

Capacity	Diameter : 3-20mm (1/8-3/4")
Cutting speed (seconds)	5.5
Overall length	412mm (16-1/5")
Net weight	10.4kg (22.9lbs)

Cordless Steel Rod Cutter — DSC162

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



Use strong 18V lithium-ion battery for drastically increased cutting power and speed.

- Compact and light weight.

18V

Wrench, Hex wrench 4, Oil 35ml

Capacity	Diameter : 3-16mm (1/8-5/8")
Cutting speed (seconds)	4
Overall length	380mm (14-9/10")
Net weight	6.5kg (14.3lbs)

Cordless Metal Cutter — DCS550 136mm (5-3/8")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 440



P99 M

Compact and lightweight still well-balanced design.

- Fine cutting surface by carbide-tipped saw blade and cutting speed.
- Lightweight compact size.
- Twin LED light illuminates blade edge for accurate cutting even in dark place.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.



18V

Fast charger, Battery cartridge, Carbide-tipped saw blade, Hex wrench, Safety goggles

Blade diameter	136mm (5-3/8")
Capacity	Max. cutting : 51mm (2")
No load speed (rpm)	3,600
Dimensions (L x W x H)	348x180x201mm (13-3/4"x7-1/8"x7-7/8")
Net weight	2.6kg (5.7lbs)

Cordless Portable Band Saw — DPB181

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



P99 N

Lightweight design with excellent balance.

- Easy blade replacement by quick blade tension release/stretch with large lever.
- Adjustable stopper plate.
- Easy-to-grip handle with elastomer surface for anti-slip.



18V

Fast charger, Battery cartridge, Band saw blade, Hex wrench

Capacity	Round workpiece (dia) : 64mm (2-1/2")
	Rectangular workpiece Without stand : 64x64mm (2-1/2"x2-1/2")
Belt speed	3.2m / min. (630ft/ min)
Dimensions (L x W x H)	468x197x233mm (18-1/2"x7-3/4"x9-1/8")
Net weight	3.2kg (7.1lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Portable Band Saw

DPB180

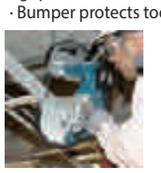
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



P99 N

Light weight and well balanced tool design.

- Electronic current limiter for overload protection (with Warning Lamp).
- Single-Light LED Job Light with afterglow function.
- Speed Preset Dial allows to adjust the blade speed to suit workpiece material or desired finish.
- Ergonomically designed handle with elastomer surface for anti-slip, firm grip.
- Bumper protects tool body when putting down on the floor.



18V

Capacity	Round workpiece (dia) : 120mm (4-3/4") Rectangular workpiece Without stand : 120x120mm (4-3/4"x4-3/4")
Blade speed	84m (275 ft) - 162m (530 ft) / min
Dimensions (L x W x H)	523x231x313mm (20-5/8"x9-1/8"x12-3/8")
Net weight	6.4kg (14.1lbs)

● Fast charger, Battery cartridge, HSS bimetal band saw blade (18 teeth per inch), Hex wrench

Cordless Metal Shear

DJS130 1.3mm

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 440



P99 H

Compact and lightweight design for easy handling and high maneuverability.

- 360 degree swivel shear head for increased cutting convenience.
- Ergonomically designed rubberized soft grip.
- Hex. wrench is storable.
- Lock-off button for safe operation.



18V

Capacity	Steel up to 400 N/mm²: 1.3mm Steel up to 600 N/mm²: 1.0mm
No load speed (rpm)	2,800
Dimensions (L x W x H)	350x80x193mm (13-3/4"x3-1/8"x7-5/8")
Net weight	2.2kg (4.8lbs)

● Fast charger, Battery cartridge, Hex wrench

Cordless Straight Shear

DJS161 1.6mm

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



P99 H

Straight design provides more control and high maneuverability for easy cutting operation.

- Compact and lightweight design for easy handling and high maneuverability.
- High cutting capacity : cuts up to 1.6mm thick mild steel sheet.
- Anti-restart function with warning lamp.
- Warning lamp for low battery capacity.
- Hex. wrench is storable.



18V

Capacity	Steel up to 400 N/mm²: 1.6mm Steel up to 600 N/mm²: 1.2mm Aluminum up to 200 N/mm²: 2.5mm
Strokes per minute (spm)	4,300
Dimensions (L x W x H)	362x78x118mm (14-1/4"x3-1/16"x4-5/8")
Net weight	2.0kg (4.4lbs)

● Fast charger, Battery cartridge, Hex wrench, Thickness gauge

Cordless Metal Shear

DJS101 1.0mm

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



P99 H

Easy curve cutting.

- Straight design provides more control and high maneuverability for easy cutting operation.
- Minimum outside cutting radius of 30mm(1-3/16") for close right or left curve cuts with a smooth edge.
- Anti-restart function with warning lamp.
- Warning lamp for low battery capacity.
- Hex. Wrench is storable.



18V

Capacity	Steel up to 400 N/mm²: 1.0mm Steel up to 600 N/mm²: 0.7mm Aluminum up to 200 N/mm²: 2.5mm
Strokes per minute (spm)	4,300
Dimensions (L x W x H)	364x78x118mm (14-3/8"x3-1/16"x4-5/8")
Net weight	2.0kg (4.4lbs)

● Fast charger, Battery cartridge, Hex wrench

Cordless Nibbler

DJN161 1.6mm (16Ga)

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



P99 H

Nibbler without cord expands more operating field.

- Low battery auto-shut off.
- Anti-restart function.
- Common blade with JN1601.



18V

Capacity	Steel up to 400 N/mm²: 1.6mm Steel up to 600 N/mm²: 1.2mm Aluminum up to 200 N/mm²: 2.5mm
Min. cutting radius	Inside edge : 45mm (1-3/4") Outside edge : 50mm (2")
Strokes per minute (spm)	1,900
Dimensions (L x W x H)	313x78x189mm (12-3/8"x3-1/16"x7-7/16")
Net weight	2.2kg (4.8lbs)

● Hex wrench, Wrench, Punch, Die

Cordless tool





Photo : DGA404
The standard equipment for the tool may vary by country.



Battery fuel gauge

Also warns that Anti-restart function and Current limiter have been activated.

Soft start

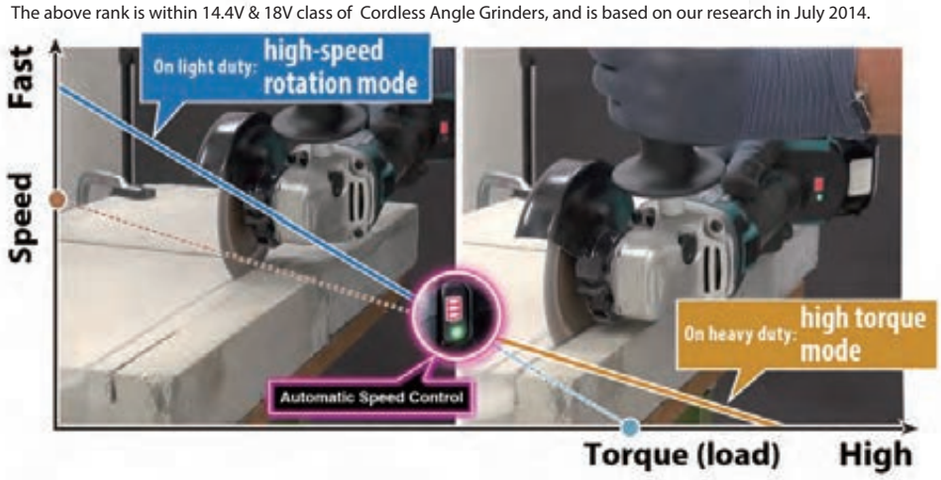
Handles heavy load with Excellent Cooling Function!



Protects component parts!
Realizes Maximum Efficiency!

The First in the Industry! Equipped with Automatic Speed Control!

Automatically changes the cutting speed according to load condition for an optimum operation
The above rank is within 14.4V & 18V class of Cordless Angle Grinders, and is based on our research in July 2014.







Anti-restart function

prevents accidental startup for safety even if the machine is plugged to power source with the lock-on switch on.

XPT
EXTREME PROTECTION TECHNOLOGY

For use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced.

Cordless Angle Grinder

DGA404 / DGA454 / DGA504

Slide switch





Paddle switch

DGA405 / DGA455 / GA505

Cordless Angle Grinder

DGA404 100mm (4")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new



XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99

Excellent Performance as powerful as AC model with highly enhanced Brushless DC motor

- Automatic speed control : Automatically changes the cutting speed according to load condition for an optimum operation.
- More work amount on a single full battery charge.
- Handles heavy load with Excellent Cooling Function.
- Easy-to-hold grip design with rubber for anti-skid.
- Enhanced dust and drip-proof performance.



18V

Wheel diameter	100mm (4")
No load speed (rpm)	8,500
Dimensions (L x W x H)	362x117x127mm (14-1/4"x4-5/8"x5-1/2")
Net weight	2.4kg (5.3lbs)

● Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip

Cordless Angle Grinder

DGA405 100mm (4")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new



XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99

Excellent Performance as powerful as AC model with highly enhanced Brushless DC motor.

- Automatic speed control : Automatically changes the cutting speed according to load condition for an optimum operation.
- More work amount on a single full battery charge.
- Handles heavy load with Excellent Cooling Function.
- Easy-to-hold grip design with rubber for anti-skid.
- Paddle type on/off switch.



18V

Wheel diameter	100mm (4")
No load speed (rpm)	8,500
Dimensions (L x W x H)	362x117x140mm (14-1/4"x4-5/8"x5-1/2")
Net weight	2.4kg (5.4lbs)

● Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip

Cordless Angle Grinder

DGA402 100mm (4")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

430



P99

Capable of using wheels / discs for AC grinders.

- Easy-to-grip, small circumference motor housing.
- Rubberized soft grip for enhanced hand comfort.
- Electronic current limiter for overloaded protection (with warning lamp).
- Anti-restart function : Not start up if battery is inserted with sliding switch to ON.



18V

Wheel diameter	100mm (4")
No load speed (rpm)	10,000
Dimensions (L x W x H)	317x118x118mm (12-1/2"x4-5/8"x4-5/8")
Net weight	2.2kg (4.8lbs)

● Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip

Cordless Angle Grinder

DGA454 115mm (4-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new



XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99

Excellent Performance as powerful as AC model with highly enhanced Brushless DC motor

- Automatic speed control : Automatically changes the cutting speed according to load condition for an optimum operation.
- More work amount on a single full battery charge.
- Handles heavy load with Excellent Cooling Function.
- Easy-to-hold grip design with rubber for anti-skid.
- Enhanced dust and drip-proof performance.



18V

Wheel diameter	115mm (4-1/2")
No load speed (rpm)	8,500
Dimensions (L x W x H)	362x130x145mm (14-1/4"x5-1/8"x5-3/4")
Net weight	2.5kg (5.5lbs)

● Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip

Cordless Angle Grinder

DGA455 115mm (4-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new



XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99

Excellent Performance as powerful as AC model with highly enhanced Brushless DC motor.

- Automatic speed control : Automatically changes the cutting speed according to load condition for an optimum operation.
- More work amount on a single full battery charge.
- Handles heavy load with Excellent Cooling Function.
- Easy-to-hold grip design with rubber for anti-skid.
- Paddle type on/off switch.



18V

Wheel diameter	115mm (4-1/2")
No load speed (rpm)	8,500
Dimensions (L x W x H)	362x130x145mm (14-1/4"x5-1/8"x5-3/4")
Net weight	2.5kg (5.6lbs)

● Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip

Cordless tool

Battery & charger time reference chart P.14

Cordless Angle Grinder — DGA452 115mm (4-1/2")

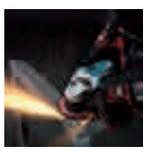
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



P99 J

Powerful angle grinder now free from cord.

- Capable of using wheels / discs for AC Grinders.
- Easy-to-grip, small circumference motor housing.
- Anti-restart function for safety (with warning lamp).
- Electronic current limiter (with warning lamp).



18V

Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip

Wheel diameter	115mm (4-1/2")
No load speed (rpm)	11,000
Dimensions (L x W x H)	317x129x126mm (12-1/2"x5-1/8"x5")
Net weight	2.0kg (4.4lbs)

Cordless Angle Grinder — DGA504 125mm (5")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new



XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99 J

Excellent Performance as powerful as AC model with highly enhanced Brushless DC motor

- Automatic speed control : Automatically changes the cutting speed according to load condition for an optimum operation.
- More work amount on a single full battery charge.
- Handles heavy load with Excellent Cooling Function.
- Easy-to-hold grip design with rubber for anti-skid.
- Enhanced dust and drip-proof performance.



18V

Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip

Wheel diameter	125mm (5")
No load speed (rpm)	8,500
Dimensions (L x W x H)	362x140x145mm (14-1/4"x5-1/2"x5-3/4")
Net weight	2.5kg (5.6lbs)

Cordless Angle Grinder — DGA505 125mm (5")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new



XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99 J

Excellent Performance as powerful as AC model with highly enhanced Brushless DC motor.

- Automatic speed control : Automatically changes the cutting speed according to load condition for an optimum operation.
- More work amount on a single full battery charge.
- Handles heavy load with Excellent Cooling Function.
- Easy-to-hold grip design with rubber for anti-skid.
- Paddle type on/off switch.



18V

Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip

Wheel diameter	125mm (5")
No load speed (rpm)	9,000
Dimensions (L x W x H)	362x140x145mm (14-1/4"x5-1/2"x5-3/4")
Net weight	2.6kg (5.7lbs)

Cordless Die Grinder — DGD800

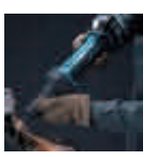
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



P99 K

Now free from cord for easy job site portability.

- Long-nose type.
- Solid aluminum bearing box.
- Vent slots designed to direct exhaust air away from operator.
- Easy-to-grip motor housing with small circumference.



18V

Fast charger, Battery cartridge, Collet cone, Wrench x2

Capacity	Collet : 3mm - 8mm
Wheel diameter	38mm (1-1/2")
No load speed (rpm)	26,000
Dimensions (L x W x H)	402x82x118mm (15-3/4"x3-1/4"x4-5/8")
Net weight	2.0kg (4.4lbs)

Cordless Die Grinder — DGD801

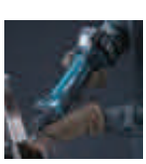
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



P99 K

Now free from cord for easy job site portability.

- Short-nose type.
- Solid aluminum bearing box.
- Vent slots designed to direct exhaust air away from operator.
- Easy-to-grip motor housing with small circumference.



18V

Fast charger, Battery cartridge, Collet cone, Wrench x2

Capacity	Collet : 3mm - 8mm
Wheel diameter	38mm (1-1/2")
No load speed (rpm)	25,000
Dimensions (L x W x H)	307x82x118mm (12-1/8"x3-1/4"x4-5/8")
Net weight	1.7kg (3.8lbs)

Cordless Random Orbit Sander

DBO180 125mm (5")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



P99 J

Excellent performance with high orbital speed.

- Compact design with a short height and a lower center of gravity easily handle.
- Excellent performance as powerful as AC model gives high productivity.
- Ergonomically best possible grip plus compact tool design.
- Connectable to Makita vacuum cleaners without adapter

Pad diameter	123mm (4-7/8")
Abrasive disc diameter	125mm (5")
Orbits per minute (opm)	7,000/ 9,500/ 11,000
Dimensions (L x W x H)	175x123x153mm (6-7/8"x4-7/8"x6")
Net weight	1.7kg (3.8lbs)



18V

H L

● Fast charger, Battery cartridge, Abrasive disc, Dust bag or dust box

Cordless Multi Tool

DTM51

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99 L

Tool-less accessory clamp for quick installation and replacement.

- 12 angle setting of accessories at every 30°from 0°to 360°.
- Variable speed control by dial.
- Battery capacity warning lamp.
- Anti-restart function prevents accidental start-up.

Oscillations per minute (opm)	6,000-20,000
Dimensions (L x W x H)	326x80x122mm (12-7/8"x3-1/8"x4-13/16")
Net weight	2.0kg (4.4lbs)



18V

● Fast charger, Battery cartridge, Oscillating multi tool accessories, Hex wrench

Cordless Multi Tool

DTM50

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99 L

Wide selection of accessories available for various applications.

- Anti-restart function prevents accidental startup.
- Fully 360° multi angle setting enables users to position accessories in 12 different angles.
- Ergonomically designed rubberized grip provides more control and comfort.
- Variable speed control dial.

Oscillations per minute (opm)	6,000-20,000
Dimensions (L x W x H)	307x80x122mm (12-1/4"x3-1/8"x4-13/16")
Net weight	1.8kg (3.9lbs)



18V

● Fast charger, Battery cartridge, Oscillating multi tool accessories, Hex wrench

Cordless Slide Compound Miter Saw

DLS713 190mm (7-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

441



P99 M

Compact but does your job.

- Double sliding mechanism.
- Soft elastomer carrying grip provides sure but comfortable grip for easy job site portability.
- Externally accessible carbon brushes for easy replacement.

Max cutting capacity	at 0 degrees : 52x300mm (2-1/16"x11-3/4")
Blade diameter	190mm (7-1/2")
No load speed (rpm)	2,200
Dimensions (L x W x H)	655x430x454mm (25-3/4"x17"x17-7/8")
Net weight	12.7kg (28.0lbs)



18V

● Fast charger, Battery cartridge, TCT saw blade, Vertical vise, Socket wrench, Triangular rule, Dust bag, Holder set

Cordless Circular Saw

DHS680 165mm (6-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new



BL MOTOR

P99 M

High-efficiency Brushless motor provides higher power and more work amount.

- Compact and lightweight design.
- Automatic speed control : Automatically changes the cutting speed according to load condition for an optimum operation.
- Blower function blows sawdust off the cut line ahead for a better cutting view.
- Twin LED Job light.

Max cutting capacity	at 0 degrees : 57mm (2-1/4")
	at 45 degrees : 41mm (1-5/8")
	at 50 degrees : 37mm (1-7/16")
Blade diameter	165mm (6-1/2")
No load speed (rpm)	5,000
Dimensions (L x W x H)	350x170x238mm (13-3/4"x6-11/16"x9-3/8")
Net weight	3.3kg (7.3lbs)



18V

● Fast charger, Battery cartridge, TCT saw blade, Hex wrench, Rip fence, Dust nozzle

Cordless tool

Battery & charger time reference chart P.14

Cordless Circular Saw — DHS630 165mm (6-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 441



P99 M

Higher cutting capacity : 66mm (2-5/8") max. cut depth at 0°.

- High maneuverability achieved by well balanced tool design.
- Blower function blows sawdust off the cut line ahead for a better cutting view.
- Twin LED Job light.



18V

Max cutting capacity	at 0 degrees : 66mm (2-5/8")
	at 45 degrees : 46mm (1-13/16")
Blade diameter	165mm (6-1/2")
No load speed (rpm)	3,100
Dimensions (L x W x H)	346x220x247mm (13-5/8"x8-5/8"x9-3/4")
Net weight	3.5kg (7.7lbs)

● Fast charger, Battery cartridge, TCT saw blade, Hex wrench, Rip fence, Dust nozzle

Cordless Circular Saw — DSS610 165mm (6-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 441



P99 M

Lightweight and compact design.

- Smooth and powerful cutting at the high rotational speed of 3,700 rpm delivered from enhanced motor.
- Easy to trace cutting line with LED job light and Built-in blow-off nozzle.
- Rubberized soft grip of ergonomic design.
- Safety cover with calibration mark embossed alminum base.



18V

Max cutting capacity	at 0 degrees : 0-57mm (2-1/4")
	at 45 degrees : 0-40mm (1-9/16")
	at 50 degrees : 0-36mm (1-7/16")
Blade diameter	165mm (6-1/2")
No load speed (rpm)	3,700
Dimensions (L x W x H)	347x202x228mm (13-5/8"x8"x9")
Net weight	3.2kg (7.1lbs)

● Fast charger, Battery cartridge, Carbide-tipped saw blade, Guide rule, Hex wrench

Cordless Circular Saw — DSS611 165mm (6-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 441



P99 M

Smooth and powerful cutting at the high rotational speed of 3,700 rpm.

- Rubberized soft grip provides more control and comfort.
- Safety cover with calibration line for adjusting cutting depth.
- Rigid aluminum base provides high quality and toughness.



18V

Max cutting capacity	at 0 degrees : 57mm (2-1/4")
	at 45 degrees : 40mm (1-9/16")
Blade diameter	165mm (6-1/2")
No load speed (rpm)	3,700
Dimensions (L x W x H)	347x202x228mm (13-5/8"x8"x9")
Net weight	3.3kg (7.3lbs)

● Fast charger, Battery cartridge, Carbide-tipped saw blade, Guide rule, Hex wrench

Cordless Circular Saw — DSS501 136mm (5-3/8")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



P99 M

Well balanced tool design for high maneuverability.

- Large lock-off lever easy to operate even with gloved hand.
- Twin LED light illuminates blade edge for accurate cutting even in dark place.
- The air directed from the end of the top guide blows sawdust off the cut line ahead.



18V

Max cutting capacity	at 0 degrees : 51mm (2")
	at 45 degrees : 35mm (1-3/8")
Blade diameter	136mm (5-3/8")
No load speed (rpm)	3,600
Dimensions (L x W x H)	364x183x201mm (14-3/8"x7-1/4"x7-7/8")
Net weight	2.7kg (6.0lbs)

● Fast charger, Battery cartridge, Carbide-tipped saw blade, Hex wrench, Guide rule

Cordless Jig Saw — DJV182

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



BL MOTOR

P99 N

Top handle type cordless jig saw powered by Li-ion batteries.

- Equipped with high power Brushless DC motor.
- Higher productivity than that of 4350CT.
- Lightweight body with the equivalent weight to the AC model.



18V

Capacity	Wood : 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	800 - 3,500
Dimensions (L x W x H)	266x77x208mm (10-1/2"x3"x8-3/16")
Net weight	2.6kg (5.8lbs)

Cutting capacity in wood : when cutting with optional blade No.B-16L

● Fast charger, Battery cartridge, Jig saw blade assortment, Cover plate, Dust nozzle (for European countries only), Anti-splintering device, Hex wrench

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Jig Saw — DJV181

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



BL MOTOR

P99 N

Barrel handle type cordless jig saw powered by Li-ion batteries.

· Equipped with the high power Brushless DC motor.
· Higher productivity than that of 4351CT.
· Lightweight body with the equivalent weight to the AC model.



18V

Capacity	Wood : 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	800 - 3,500
Dimensions (L x W x H)	298x77x189mm (11-3/4"x3"x7-7/16")
Net weight	2.5kg (5.5lbs)

Cutting capacity in wood : when cutting with optional blade No.B-16L

● Fast charger, Battery cartridge, Jig saw blade assortment, Cover plate, Dust nozzle (for European countries only), Anti-splintering device, Hex wrench

Cordless Jig Saw — DJV180

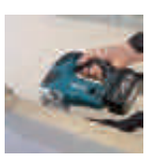
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 440



P99 N

High accuracy and high efficiency.

· Low vibration and low noise.
· Toolless push-in lock system enables extremely quick blade changes.
· Rubber Dust Seal at Rod and Retainer shuts out dust.
· Large trigger switch is easy to operate with gloved hand.
· Ergonomically designed handle with rubberized soft grip provides more control and comfort.



18V

Capacity	Wood : 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	0-2,600
Dimensions (L x W x H)	257x73x208mm (10-1/8"x2-7/8"x8-3/16")
Net weight	2.8kg (6.1lbs)

Cutting capacity in wood : when cutting with optional blade No.B-16L

● Fast charger, Battery cartridge, Jig saw blade set (No. B-10, BR-13, B-22; 2each), Cover plate, Anti-splintering device, Hex wrench

Cordless Planer — DKP180 82mm (3-1/4")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 441



P99 O

Angle and shape of handle are easy to grip, push and carry.

· Precise planning depth setting by adjustment knob with click stops.
· Foot on base plate protects workpiece and blades from scratches and damages.
· Rigid aluminum die-cast bracket.



18V

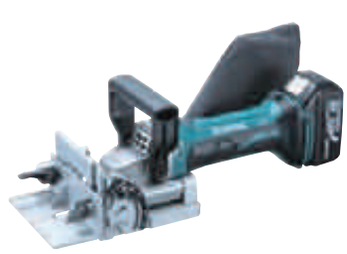
Planing width	82mm (3-1/4")
Planing depth	2.0mm (5/64")
No load speed (rpm)	14,000
Dimensions (L x W x H)	333x157x160mm (13-1/8"x6-3/16"x6-5/16")
Net weight	3.4kg (7.4lbs)

Shiplapping : 9mm (11/32")

● Planer blade, Blade gauge assembly, Guide rule, Socket wrench, Dust nozzle

Cordless Plate Joiner — DPJ180

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



P99 O

New top handle with flat shape on side surface for excellent tool control.

· 6 Cutting depths can be preset by simply rotating the depth adjusting knob (stopper).
· Connectable to vacuum cleaner.
· Anti-restart function for safety (with warning lamp).
· Electronic current limiter (with warning lamp).



18V

Blade diameter	100mm (4")
Max. cutting depth	20mm (3/4")
No load speed (rpm)	6,500
Dimensions (L x W x H)	351x139x149mm (13-3/4"x5-1/2"x5-7/8")
Net weight	3.0kg (6.7lbs)

● Fast charger, Battery cartridge, Cutter blade, Angle guide, Lock nut wrench, Set plate, Dust bag

Cordless Cut-Out Tool — DCO180 6.35mm (1/4")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 — 430



P218 E

High rotational speed for fast cutting: No load speed of 30,000 min-1 is as fast as that of AC models.

· Ergonomic barrel handle with soft grip.
· Anti-restart function prevents accidental start up of tool.
· Shoe support can be used as a wrench for bit replacement.
· Lightweight design



18V

Capacity	Collet : 3.18mm (1/8") or 6.35mm (1/4")
No load speed (rpm)	30,000
Dimensions (L x W x H)	296x77x118mm (11-5/8"x3"x4-5/8")
Net weight	1.4kg (3.1lbs)

● Drywall guide bit 3.18mm (1/8"), Collet nut, Collet cone 6.35mm (1/4"), Collet sleeve (for 3.18mm bit), Wrench 17, Wrench holder

Cordless tool

Battery & charger time reference chart P.14

Cordless Brad Nailer

DBN500

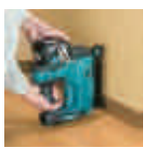
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

Provides less reaction force and "air nailer like" shot feeling to the operator.

- Higher durability than competitors' models.
- Easy-to-see slim nose tip.
- Rocker switch to select Sequential mode / Bump fire mode.



18V

Fast charger, Battery cartridge, Safety goggles, Nose adapter, Hex wrench

Capacity	Length : 15-50mm (5/8-2")
	Gauge :18Ga
Magazine capacity	110pcs
Dimensions (L x W x H)	294x97x318mm (11-5/8"x3-13/16"x12-1/2")
Net weight	3.5kg (7.7lbs)

Cordless Stapler

DST221

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

Machined aluminum magazine ensures smooth staple loading and feeding.

- Ergonomically designed rubberized grip provides more control and comfort.
- Driving depth adjustment is provided.
- Remaining staple view window.
- Staple can be fired one after the other.



18V

Fast charger, Battery cartridge, Safety goggles

Capacity	Width : 10mm (3/8")
	Length : 10, 13, 16, 19, 22mm
	(3/8, 1/2, 5/8, 3/4, 7/8")
Magazine capacity	98pcs
Dimensions (L x W x H)	251x91x212mm (9-7/8"x3-5/8"x8-3/8")
Net weight	2.4kg (5.3lbs)

Cordless Pin Nailer

DPT351

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



P99

"Hose-less" enables to perform efficient operation in interior finish work without being disturbed by air hose.

- Uses pin nails from 18 to 35mm (11/16 to 1-3/8).
- Anti-dry-fire mechanism protects workpiece from damages.
- LED Job light for illuminated operation.
- Double trigger prevents accidental shooting.



18V

Fast charger, Battery cartridge, Nose adapter, Safety goggles, Hex wrench

Capacity	Length : 18,25,30,35mm
	(11/16,1,1-3/16,1-3/8")
	Diameter : 0.6mm (1/32")
Magazine capacity	130pcs
Dimensions (L x W x H)	249x79x227mm (9-3/4"x3-1/8"x8-15/16")
Net weight	1.9kg (4.2lbs)

Cordless Concrete Vibrator

DVR850 2,400mm (8.0ft) / **DVR450** 1,200mm (4.0ft) / **DVR350** 800mm (2.6ft)

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

Ergonomic design and smooth mixing.

- BVR850 features the longest in this class.This 2,400mm flexible shaft is pretty effective with leveling and removal of air-bubble in deep founds.
- Increased maneuverability with new trigger operable from two directions.
- Best-fitting grip ergonomically designed for maximum efficiency and minimum fatigue in the operation.
- Enhanced strength of a protective cover.



18V

Fast charger, Battery cartridge, Carrying case for battery and charger

Diameter of vibrator	25mm (1")
Length of flexible part	DVR850 : 2,400mm (8ft)
	DVR450 : 1,200mm (4.0ft)
	DVR350 : 800mm (2.6ft)
Vibrations per minute (vpm)	DVR850 : 12,500
	DVR450 / DVR350 : 13,000
Dimensions (L x W x H)	DVR850 :
	2,683x93x250mm (105-1/2"x3-5/8"x9-7/8")
	DVR450 :
	1,483x93x250mm (58-1/2"x3-5/8"x9-7/8")
	DVR350 :
	1,083x93x250mm (42-3/4"x3-5/8"x9-7/8")
Net weight	DVR850 : 5.2kg (11.4lbs)
	DVR450 : 3.5kg (7.7lbs)
	DVR350 : 3.0kg (6.6lbs)

Cordless Caulking Gun

DCG180

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

Excellent work efficiency.

- Variable speed control by dial and trigger switch for maximum control of sealant flow rate.
- 300ml and 600ml size holder can be used.
- Anti-drip function stops excess from oozing out just on release of the switch trigger.
- Rubberized soft grip provides comfortable grip and better control.



18V

Fast charger, Battery cartridge, Holder, Holder joint, Piston, Rubber ring, Nozzle

Max pushing force	5,000N (1,100lbs)
No load speed	0-28mm/sec. (0-66in/min.)
Dimensions (L x W x H)	404x108x281mm (15-7/8"x4-1/4"x11-1/8")
Net weight	2.1kg (4.7lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Vacuum Cleaner

DVC350

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

Cordless design for high portability.

- Convenient for use with Makita cordless tools.
- Large 3L dust bag capacity.
- Variable switch provides High/Low air volume settings to suit your application.
- Shoulder belt can be easily slung over your shoulder for added mobility.
- 2 functions in 1 machine convertible into a blower by attaching nozzle assembly.



18V

Max. peak air flow	3.4m³ / min
Max. sealed suction (water colum)	5.5kPa (560mmH2O)
Recoverable capacity	Dust : 3.0L (0.8gal)
Dimensions (L x W x H)	273x195x226mm (10-3/4"x7-5/8"x8-7/8")
Net weight	2.2kg (4.8lbs)

● Fast charger, Battery cartridge, Nozzle assembly, Dust bag assembly, Hose complete, Shoulder belt

Cordless Blower

DUB182

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

High/ Medium/ Low air volume settings.

- Ergonomically designed rubberized grip.
- Anti-static electricity for comfortable operation.



18V

Air volume	2.6m³/min
Air speed	80m/s
Air pressure	5.4kPa (550mm H2O)
No load speed (rpm)	0-18,000
Sound pressure level	85dB(A)
Sound power level	95dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	525x155x212mm (20-3/4"x6-1/8"x8-3/8")
Net weight	1.7kg (3.7lbs)

● Fast charger, Battery cartridge, Nozzle assembly

Cordless Blower

DUB183

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

Long leaf blower nozzle with curved flat end enables to use the machine comfortably in an upright standing posture.

- Three Air volume settings; High/ Medium/ Low.
- Ergonomically designed handle with rubberized soft grip.
- Variable speed control by trigger.



18V

Air volume	2.6m³/min
Air speed	52m/s
No load speed (rpm)	0-18,000
Sound pressure level	85dB(A)
Sound power level	95dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	845x155x212mm (33-1/4"x6-1/8"x8-3/8")
Net weight	1.7kg (3.8lbs)

This machine cannot be used as a vacuum because it will get clogged with leaf or branch debris.

● Fast charger, Battery cartridge, Leaf blower nozzle

Cordless Cyclone Cleaner

DCL500

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



P99

18V Li-ion Cordless Cyclone Cleaner.

- Strong suction power 75W.
- HEPA Clean Filter.
- Low noise emission : 64dB (max).



18V

Capacity	250mL
Max. air flow	1.3m³ / min
Continuous use (minutes)	Hi : 6-1.5Ah, 12-3.0Ah, 16-4.0Ah Lo : 15-1.5Ah, 30-3.0Ah, 40-4.0Ah
Max. sealed suction (water colum)	6.6kPa (660mmH2O)
Dimensions (L x W x H)	352x189x252mm (13-7/8"x7-7/16"x9-7/8")
Net weight	3.8kg (8.4lbs)

Battery and charger are sold separately.

● Nozzle assembly, Sash nozzle, Pipe, Filter (factory-mounted), Pre-filter (factory-mounted)

Cordless Cleaner

DCL182

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

Dust disposal can be cleaner and simpler with disposable paper dust bag.

- Touch button switch with High/Low suction power settings.
- LED battery power warning lamp.
- Improved front cover design for easy dust bag removal.
- New T-nozzle with enhanced maneuverability.



18V

Capacity	Dust Bag : 500mL Paper Filter : 330mL
Max. air flow	1.0m³ / min
Continuous use (minutes)	Hi : 20 Lo : 40
Max. sealed suction (water colum)	4.0kPa (400mmH2O)
Dimensions (L x W x H)	481x115x151mm (19"x4-1/2"x5-15/16")
Net weight	1.3kg (2.9lbs)

● Nozzle assembly (T-nozzle), Sash nozzle, Cloth dust bag, Pipe(extension pipe), Sash nozzle holder, Paper dust bag 5 units

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Cleaner

DCL180

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

Optimum cordless cleaner for constructors or factory.

- Strong suction power 30W.
- T-nozzle with enhanced maneuverability.
- Rubberized soft grip reduces hand fatigue even in long continuous use.
- Low noise emission : 71dB



18V

Capacity	650mL
Max. air flow	1.3m³ / min
Continuous use (minutes)	20
Max. sealed suction (water colum)	3.6kPa (360mmH2O)
Dimensions (L x W x H)	476x114x152mm (18-3/4"x4-1/2"x6")
Net weight	1.2kg (2.7lbs)

Battery and charger are sold separately.

● Nozzle assembly, Sash nozzle, Pipe, Filter (factory-mounted), Pre-filter (factory-mounted)

Cordless Chain Saw

DUC122 115mm (4-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



P99

High cutting speed with powerful motor.

- Automatic chain oiling.
- Toolless change and tension adjustment of chain blade.
- Ergonomically designed top handle.
- Tip guard prevents kickback.
- Top handle is positioned enabling to apply more force to chain blade.



18V

Chain speed per minute	300m (975ft)
Guide bar length	115mm (4-1/2")
Saw chain	Pitch : 1/4"
Sound pressure level	84.6dB(A)
Sound power level	92.7dB(A)
Vibration level	4.3m/s²
Dimensions (L x W x H)	422x195x215mm (16-5/8"x7-5/8"x8-1/2")
Max output	0.30kW
Net weight	2.6kg (5.7lbs)

● Fast charger, Battery cartridge, Guide bar cover, Oil supply, File

Cordless Hedge Trimmer

DUH423 420mm (16-1/2") / DUH483 480mm (18-7/8") / DUH523 520mm (20-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99

User-replaceable blade.

- Anti-vibration structure,5 cushions to absorb vibration from blade and motor-crank section.
- Rubberized soft grip provides comfortable and sure grip.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.



18V

Blade length	DUH423 : 420mm (16-1/2")
	DUH483 : 480mm (18-7/8")
	DUH523 : 520mm (20-1/2")
Strokes per minute (spm)	2,700
Tooth spacing	26mm (1")
Sound pressure level	DUH423 / DUH483 : 75dB(A)
	DUH523 : 77dB(A)
Sound power level	84.3dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	DUH423 : 838x195x193mm (33"x7-5/8"x7-5/8")
	DUH483 : 888x195x193mm (35"x7-5/8"x7-5/8")
	DUH523 : 938x195x193mm (7"x7-5/8"x7-5/8")
Max output	210W
Net weight	DUH423 : 3.0kg (6.5lbs)
	DUH483 : 3.0kg (6.7lbs)
	DUH523 : 3.1kg (6.8lbs)

● Fast charger, Battery cartridge, Blade cover

Cordless Grass Trimmer

DUR183U / DUR182U

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



P99

Lightweight yet powerful cordless grass trimmer powered by 18V Li-ion batteries.

- High power yet lightweight Brushless DC motor placed on the bottom side of the shaft will provide easy handling and high trimming performance.
- Split shaft.(DUR183U)
- Enhanced dust and drip-proof performance for use in bad weather.
- Compatible with Metal blades, Nylon cutting heads and Plastic blade.
- Reverse switch for removing grass clippings from the cutting tool.



18V

No load speed (rpm)	3,500-6,000
Spindle size	M8x1.25LH
Sound pressure level	79dB(A)
Sound power level	90dB(A)
Vibration level Left handle	2.5m/s²
Vibration level Right handle	2.5m/s²
Dimensions (L x W x H)	1,843x626x478mm (72-1/2"x24-5/8"x18-3/4")
Max output	250W
Net weight	DUR183U : 4.1kg (9.0lbs)
	DUR182U : 3.9kg (8.5lbs)

● Fast charger, Battery cartridge, Single harness, Nylon cutting head, Wrenches, Safety goggles

Cordless Grass Trimmer

DUR183L / DUR182L

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



P99

High power yet lightweight Brushless DC motor placed on the bottom side of the shaft will provide easy handling and high trimming performance.

- Split shaft.(DUR183L)
- Enhanced dust and drip-proof performance for use in bad weather.
- Compatible with Metal blades, Nylon cutting heads and Plastic blades.
- Reverse switch for removing grass clippings from the cutting tool.



18V

No load speed (rpm)	3,500-6,000
Spindle size	M8x1.25LH
Sound pressure level	79dB(A)
Sound power level	90dB(A)
Vibration level Front handle	2.5m/s²
Vibration level Rear handle	2.5m/s²
Dimensions (L x W x H)	1,843x287x253mm (72-1/2"x11-1/4"x10")
Max output	250W
Net weight	DUR183L : 4.1kg (9.1lbs)
	DUR182L : 3.9kg (8.6lbs)

● Fast charger, Battery cartridge, Single harness, Nylon cutting head, Wrenches, Safety goggles

Cordless String Trimmer

DUR181



P99

Well balanced tool design.

Adjustable loop-handle and telescopic pipe shaft.
· Adjustable cutting head.
· 5-position pivoting head.



18V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Cutting width	260mm (10-1/4")
No load speed (rpm)	7,800
Sound pressure level	82dB(A)
Sound power level	88.5dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	1,229~1,433x267x257mm (48-1/2~56-1/2"x10-1/2"x10-1/8")
Net weight	2.9kg (6.4lbs)

● Fast charger, Battery cartridge, Shoulder belt, Safety goggles, Nylon cutting head, Nylon cord

Cordless Grass Shear

DUM168 160mm (6-5/16")



P99

Both trimmer blade and shear blade can be attached.

· Toolless blade replacement.
· Ergonomically designed rubberized soft grip provides more control and comfort.
· Red LED lamp for low battery capacity or overload.
· Cutting height is adjusted at 3 stages.(10mm,20mm,30mm)
· Durable shear blade with special coating.



18V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Cutting width	160mm (6-5/16")
Strokes per minute (spm)	2,500
Sound pressure level	74dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	353x176x130mm (13-7/8"x6-15/16"x5-1/8")
Net weight	1.4kg (3.1lbs)

● Fast charger, Battery cartridge, Blade cover, Base frame

Cordless Garden Sprayer

DVF154 15L / DVF104 10L

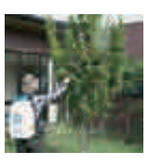


DVF104 DVF154

P99

Environment-friendly with no emission and extremely low noise.

· Hand valve lever with 2 selectable modes.
· Reduced running cost with rechargeable Li-ion battery.
· Compact and lightweight cordless sprayer provides easy handling and high maneuverability.
· Two different nozzles included as standard equipment for added versatility.



18V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Max. pressure	0.3Mpa (3kgf/cm²)
Chemical tank	DVF154 : 15L
	DVF104 : 10L
Dimensions (L x W x H)	DVF154 : 345x235x525mm (13-5/8"x9-1/4"x20-3/4")
	DVF104 : 315x225x415mm (12-3/8"x8-7/8"x16-3/8")
Net weight	DVF154 : 4.1kg (9.0lbs)
	DVF104 : 3.8kg (8.4lbs)

● Fast charger, Battery cartridge, Y-shaped double nozzle, Wide angle nozzle, Spray pipe holder, Shoulder harness

Motor-assisted Bicycle

DBY180



Able to work also on two 18V Li-ion batteries for longer travel distance in motor-assisted mode.

· Compact, foldable frame design for easy transport and storage. (0.82 x 0.45 x 0.7 m (32-1/4" x 17-3/4" x 27-1/2"))
· In motor-assisted mode, the human-power required to pedal is about half of that in full human-power mode.



18V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Dimensions (L x W x H)	1,450x570x910mm (57"x22-1/2"x35-3/4")
Net weight	20.8kg (45.9lbs)

● Front light

Cordless Coffee Maker

DCM500



Coffee maker powered by 18V Li-ion batteries and AC.

· Two cups of coffee can be brewed on a single full battery.
· Brewing is easy only by putting ground coffee powder into the filter in the machine.
· DC power by 18V Li-ion battery enables you to brew coffee even in the car or at jobsite far from AC outlet.
· Boil dry protection prevents the machine from burning out.
· Brewing time of 1 cup of coffee (150ml) 7minutes



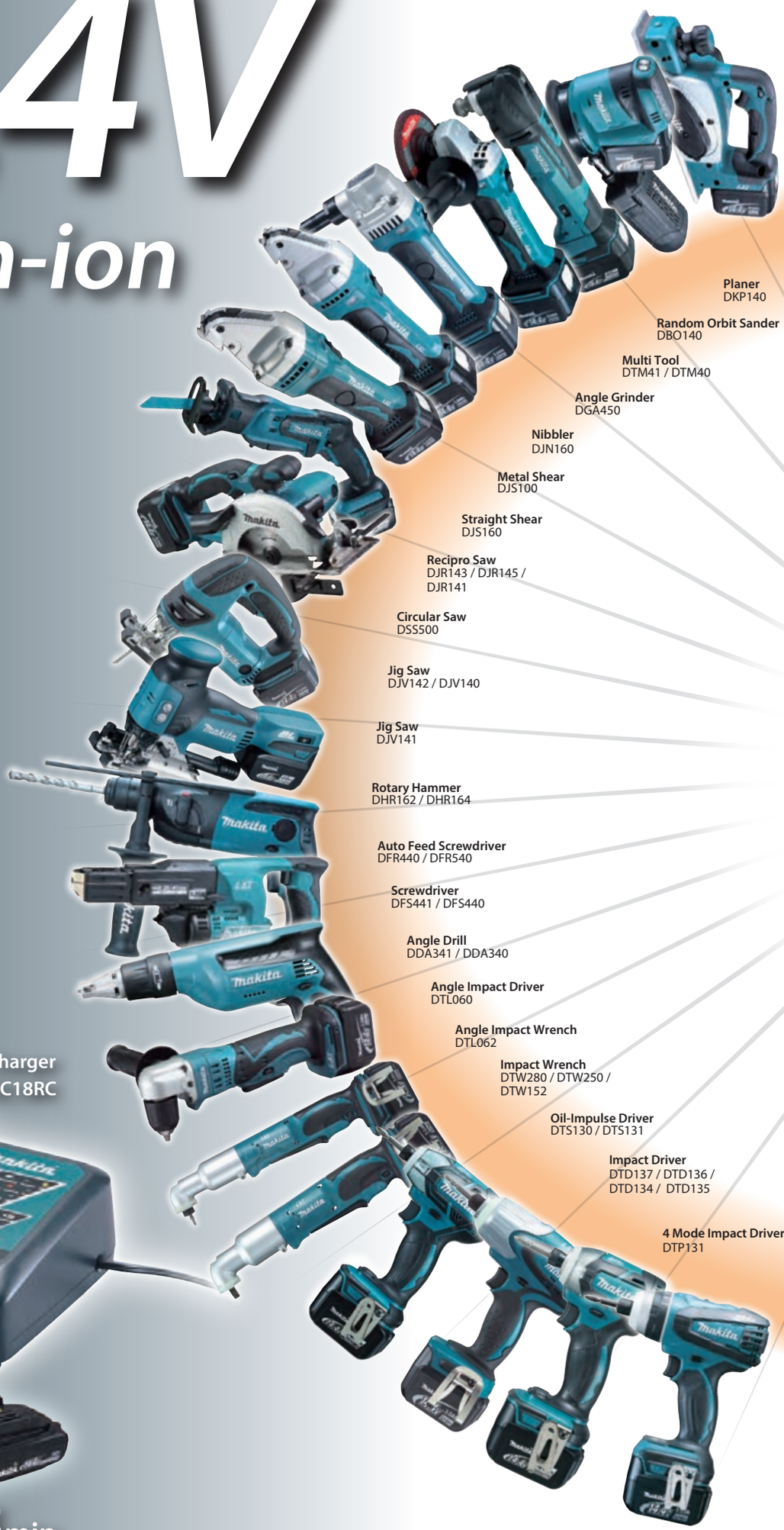
18V

Li-ion Ah 5.0 4.0 3.0

Dimensions (L x W x H)	222x115x214mm (8-3/4"x4-1/2"x8-3/8")
Net weight	1.7kg (3.7lbs)

● Battery and Charger are sold separately.

14.4V
Lithium-ion



Planer
DKP140

Random Orbit Sander
DBO140

Multi Tool
DTM41 / DTM40

Angle Grinder
DGA450

Nibbler
DJN160

Metal Shear
DJS100

Straight Shear
DJS160

Recipro Saw
DJR143 / DJR145 /
DJR141

Circular Saw
DSS500

Jig Saw
DJV142 / DJV140

Jig Saw
DJV141

Rotary Hammer
DHR162 / DHR164

Auto Feed Screwdriver
DFR440 / DFR540

Screwdriver
DFS441 / DFS440

Angle Drill
DDA341 / DDA340

Angle Impact Driver
DTL060

Angle Impact Wrench
DTL062

Impact Wrench
DTW280 / DTW250 /
DTW152

Oil-Impulse Driver
DTS130 / DTS131

Impact Driver
DTD137 / DTD136 /
DTD134 / DTD135

4 Mode Impact Driver
DTP131

Fast Charging

22min

3.0Ah BL1430

Charger
DC18RC





36min
4.0Ah BL1440

15min
1.5Ah BL1415N
1.3Ah BL1415



Plate Joiner
DPJ140

Cut-out Tool
DCO140

Stapler
DST110 /
DST220

Pin Nailer
DPT350

Chain Saw
DUC121

Vacuum Cleaner
DVC340

Caulking Gun
DCG140

Concrete Vibrator
DVR440 / DVR340

Hedge Trimmer
DUH421 / DUH481 /
DUH521

Grass Shear
DUM166

Grass Trimmer
DUR143U

Grass Trimmer
DUR142L /
DUR142U

String Trimmer
DUR141

Blower
DUB142 /
DUB143

Cleaner
DCL142 /
DCL140

Flashlight Radio
DMR050

Helmet Fan
DCF050

LED Flashlight
DML802

DML803

LED Flashlight
DML806 / DML801

BML146

Rechargeable Flashlight
DML800 /
DML145

Rechargeable Job Site Light
DML184

Job Site Radio
DMR100 / DMR101 /
DMR102 / DMR103B /
DMR104 / DMR105 /
DMR106
iPhone is option

Corded and Cordless LED Worklight LED Worklight
DML805

Fan
DCF201 /
DCF300

Heated Jacket
DCJ200

Hammer Driver Drill
DHP343

Hammer Driver Drill
DHP448 / DHP470 /
DHP446 / DHP441

Driver Drill
DDF445 /
DDF343

Driver Drill
DDF448 /
DDF470 /
DDF446 /
DDF441

EXPAND YOUR LITHIUM LINE UP

LXT

Cordless tool

Battery & charger time reference chart P.14

Cordless Driver Drill — DDF448 13mm (1/2")

Li-ion Ah 4.0 3.0 1.5 — 440



XPT EXTREME PROTECTION TECHNOLOGY

P99 A

Extremely compact tool size.

- Enhanced dust and drip-proof performance.
- Higher power and productivity.
- Best possible ergonomic handle for driver-drill applications.
- Wider torque range of 1-10 N.m in clutch mode.



14.4V

Fast charger, Battery cartridge, (+)(-) bit, Side grip

Capacity	Steel : 13mm (1/2")
	Wood : 65mm (2-9/16")
No load speed (rpm)	Hi : 0-1,800
	Lo : 0-350
Max. fastening torque	Hard / Soft : 77 / 43N·m
Dimensions (L x W x H)	225x79x259mm (8-7/8"x3-1/8"x10-1/4")
Net weight	2.2kg (4.8lbs)

Cordless Driver Drill — DDF441 13mm (1/2")

Li-ion Ah 4.0 3.0 1.5 1.3 — 440



P99 A

High operation efficiency with high torque.

- Robust body construction with aluminum gear housing.
- Original 4-pole motor for power, light weight and compact size.
- Best fit ergonomic grip shape.
- Twin LED job light with afterglow function.
- Anti-slip rubberized side grip.



14.4V

Fast charger, Battery cartridge, (+)(-) bit, Side grip

Capacity	Steel : 13mm (1/2")
	Wood : 50mm (2")
No load speed (rpm)	3rd : 0-1,700
	2nd : 0-600
	1st : 0-300
Max. fastening torque	Hard / Soft : 70 / 32N·m
Dimensions (L x W x H)	238x78x255mm (9-3/8"x3-1/16"x10")
Net weight	2.0kg (4.4lbs)

Cordless Driver Drill — DDF470 13mm(1/2")

Li-ion Ah 4.0 3.0 1.5



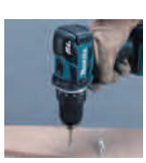
XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99 A

Better class cordless driver drill powered by 18V Li-ion batteries.

- Max lock torque: 48N.m.
- Efficient Brushless DC motor provides higher power and productivity than that of DDF446.
- Compact tool size with an overall length of 185mm.



14.4V

Fast charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
No load speed (rpm)	Hi : 0-1,550
	Lo : 0-400
Max. fastening torque	Hard / Soft : 46 / 30N·m
Dimensions (L x W x H)	185x79x243mm (7-1/4"x3-1/8"x9-9/16")
Net weight	1.4kg (3.1lbs)

Cordless Driver Drill — DDF446 13mm (1/2")

Li-ion Ah 4.0 3.0 1.5 — 440



P99 A

High power and lightweight.

- High power, compact and lightweight 4-pole motor.
- Mechanical 2-speed gearing.
- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- All metal gear construction ensures high transmission durability.
- LED Job light with afterglow function.



14.4V

Fast charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
No load speed (rpm)	Hi : 0-1,500
	Lo : 0-400
Max. fastening torque	Hard / Soft : 44 / 30N·m
Dimensions (L x W x H)	192x79x251mm (7-9/16"x3-1/8"x9-7/8")
Net weight	1.7kg (3.7lbs)

Cordless Driver Drill — DDF445 13mm (1/2")

Li-ion Ah 4.0 3.0 1.5 1.3 — 440



P99 A

Very compact body and lightweight design with 1.3Ah battery.

- Original 4-pole motor for power, light weight and compact size.
- Ergonomically designed rubberized grip provides more control and comfort.
- LED Job light with afterglow function.
- "Single sleeve" keyless chuck allows for easy one-hand bit replacement.



14.4V

Fast charger, Battery cartridge, Phillips bit

Capacity	Steel : 13mm (1/2")
	Wood : 25mm (1")
Impacts per minute (ipm)	Hi : 0-1,300
	Lo : 0-350
Max. fastening torque	Hard / Soft : 36 / 21N·m
Dimensions (L x W x H)	186x79x223mm (7-3/8"x3-1/8"x8-3/4")
Net weight	1.4kg (3.1lbs)

Dimensions and Net weight are with 1.3Ah Battery.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Driver Drill

DDF343 10mm (3/8")

Li-ion Ah 4.0 3.0 1.5 1.3



P99 A

Compact and lightweight design.

- All metal gear construction ensures high transmission durability.
- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- Ergonomically designed rubberized soft grip provides more control and comfort.



14.4V

Fast charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 10mm (3/8")
	Wood : 25mm (1")
No load speed (rpm)	Hi : 0-1,300
	Lo : 0-400
Max. fastening torque	Hard / Soft : 36 / 20N·m
Dimensions (L x W x H)	192x79x243mm (7-9/16"x3-1/8"x9-9/16")
Net weight	1.4kg (3.1lbs)

Cordless Hammer Driver Drill

DHP448 13mm (1/2")

Li-ion Ah 4.0 3.0 1.5 440



XPT EXTREME PROTECTION TECHNOLOGY

P99 A

Extremely compact tool size.

- Enhanced dust and drip-proof performance.
- Wider torque range of 1-10 N.m in clutch mode.
- Best possible ergonomic handle for driver-drill applications.



14.4V

Fast charger, Battery cartridge, (+)(-) bit, Side grip, Depth rod

Capacity	Steel : 13mm (1/2")
	Wood : 65mm (2-9/16")
	Masonry : 14mm (9/16")
Impacts per minute (ipm)	Hi : 0-27,000
	Lo : 0-5,200
No load speed (rpm)	Hi : 0-1,800
	Lo : 0-350
Max. fastening torque	Hard / Soft : 77 / 43N·m
Dimensions (L x W x H)	225x79x259mm (8-7/8"x3-1/8"x10-1/4")
Net weight	2.2kg (4.9lbs)

Cordless Hammer Driver Drill

DHP441 13mm (1/2")

Li-ion Ah 4.0 3.0 1.5 440



P99 A

High operation efficiency with high torque.

- Robust body construction with aluminum gear housing.
- Original 4-pole motor for power, light weight and compact size.
- Best fit ergonomic grip shape.
- Twin LED job light with afterglow function.
- Anti-slip rubberized side grip.



14.4V

Fast charger, Battery cartridge, (+)(-) bit, Side grip, Depth rod

Capacity	Steel : 13mm (1/2")
	Wood : 50mm (2")
	Masonry : 14mm (9/16")
Impacts per minute (ipm)	3rd : 0-25,500
	2nd : 0-9,000
	1st : 0-4,500
No load speed (rpm)	3rd : 0-1,700
	2nd : 0-600
	1st : 0-300
Max. fastening torque	Hard / Soft : 70 / 32N·m
Dimensions (L x W x H)	250x78x255mm (9-7/8"x3-1/16"x10")
Net weight	2.1kg (4.6lbs)

Cordless Hammer Driver Drill

DHP470 13mm(1/2")

Li-ion Ah 4.0 3.0 1.5



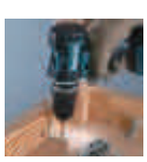
XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99 A

Better class cordless hammer driver drill powered by 18V Li-ion batteries.

- Max lock torque: 48N.m.
- Efficient Brushless DC motor provides higher power and productivity than that of DHP446.
- Compact tool size with an overall length of 199mm.



14.4V

Fast charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
	Masonry : 13mm (1/2")
Impacts per minute (ipm)	Hi : 0-23,000
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-1,550
	Lo : 0-400
Max. fastening torque	Hard / Soft : 46 / 30N·m
Dimensions (L x W x H)	199x79x243mm (7-7/8"x3-1/8"x9-9/16")
Net weight	1.5kg (3.3lbs)

Cordless Hammer Driver Drill

DHP446 13mm (1/2")

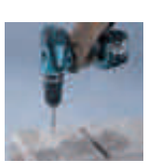
Li-ion Ah 4.0 3.0 1.5 440



P99 A

High power and lightweight.

- High power, compact and lightweight 4-pole motor.
- Mechanical 2-speed gearing.
- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- All metal gear construction ensures high transmission durability.
- LED Job light with afterglow function.



14.4V

Fast charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
	Masonry : 13mm (1/2")
Impacts per minute (ipm)	Hi : 0-22,500
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-1,500
	Lo : 0-400
Max. fastening torque	Hard / Soft : 44 / 30N·m
Dimensions (L x W x H)	206x79x251mm (8-1/8"x3-1/8"x9-7/8")
Net weight	1.7kg (3.8lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Hammer Driver Drill

DHP343 10mm (3/8")

Li-ion Ah 4.0 3.0 1.5 1.3



P99 A

Compact and lightweight design.

- All metal gear construction ensures high transmission durability.
- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- Ergonomically designed rubberized soft grip provides more control and comfort.



14.4V

Fast charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 10mm (3/8")
	Wood : 25mm (1")
	Masonry : 10mm (3/8")
Impacts per minute (ipm)	Hi : 0-19,500
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-1,300
	Lo : 0-400
Max. fastening torque	Hard / Soft : 36 / 20N·m
Dimensions (L x W x H)	211x79x243mm (8-5/16"x3-1/8"x9-9/16")
Net weight	1.4kg (3.1lbs)

Cordless 4 Mode Impact Driver

DTP131

Li-ion Ah 4.0 3.0 1.5 1.3



P99 B

More compact design achieved by using BLDC motor and electronic clutch mechanism.

- 4 Operation modes and Teks screw mode selection.
- Electronic Clutch Mechanism provides expanded torque range.
- Electronic Clutch Mechanism enables to drive Teks screw at 2,300rpm in high speed mode.
- Easier mode selection and higher durability of the selection mechanism.



14.4V

Fast charger, Battery cartridge

Capacity	Steel : 10mm (3/8")
	Wood : 21mm (13/16")
	Masonry : 8mm (5/16")
Impacts per minute (ipm)	Impact-driver mode (Hard / Medium / Soft) :
	0-3,200 / 0-2,400 / 0-1,200
No load speed (rpm)	Hammer drill mode (Hi / Lo) : 0-32,400 / 0-8,400
	Impact-driver mode (Hard / Medium / Soft) :
	0-2,800 / 0-2,200 / 0-1,400
	Drill mode (Hi / Lo) : 0-2,800 / 0-700
	Hammer drill mode (Hi / Lo) : 0-2,800 / 0-700
	Screwdriver mode (Hi / Lo) : 0-1,100 / 0-300
Max. fastening torque	Impact-driver mode : 145N·m (1,280in.lbs)
	Drill mode (Hard / Soft) : 21 / 12N·m
Dimensions (L x W x H)	171x79x250mm (6-3/4"x3-1/8"x9-7/8")
Net weight	1.5kg (3.3lbs)

Cordless Impact Driver

DTD137

Li-ion Ah 4.0 3.0 1.5 1.3



P99 B

Compact overall length 119mm.

- High performance with Newly developed Brushless DC motor.
- 3 stage impact power selection.
- Improved dustproof and waterproof.
- Battery power warning lamp.
- Ergonomically designed rubberized grip provides more control and comfort.



14.4V

Fast charger, Battery cartridge

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M16 (3/16" - 5/8")
	High tensile bolt : M5 - M14 (3/16" - 9/16")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	3rd : 0-3,400
	2nd : 0-2,100
	1st : 0-1,100
No load speed (rpm)	3rd : 0-3,600
	2nd : 0-2,600
	1st : 0-1,100
Max. fastening torque	170N·m (1,500in.lbs)
Dimensions (L x W x H)	119x79x238mm (4-11/16"x3-1/8"x9-3/8")
Net weight	1.2kg (2.6lbs)

Cordless Impact Driver

DTD136

Li-ion Ah 4.0 3.0 1.5 1.3



P99 B

High performance with Newly developed Brushless DC motor.

- 3 stage impact power selection.
- Compact overall length.
- Improved dustproof and waterproof.
- Battery power warning lamp.
- Ergonomically designed rubberized grip provides more control and comfort.



14.4V

Fast charger, Battery cartridge

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M12 (3/16" - 1/2")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	3rd : 0-3,200
	2nd : 0-2,600
	1st : 0-1,100
No load speed (rpm)	3rd : 0-2,600
	2nd : 0-2,100
	1st : 0-1,200
Max. fastening torque	165N·m (1,460in.lbs)
Dimensions (L x W x H)	129x79x239mm (5-1/8"x3-1/8"x9-3/8")
Net weight	1.2kg (2.6lbs)

Cordless Impact Driver

DTD134

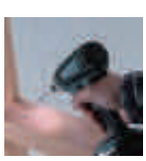
Li-ion Ah 4.0 3.0 1.5 1.3 440



P99 B

Enhanced dust and drip-proof performance.

- Compact design with a short overall length of 138mm (5-7/16").
- Max fastening torque: 155N.m (1,370 in.lbs).
- The power remaining in the battery can be indicated in 3 stages simply by pushing a button.
- Ergonomically designed rubberized grip provides more control and comfort.



14.4V

Fast charger, Battery cartridge

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M12 (3/16" - 1/2")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,400
Max. fastening torque	155N·m (1,370in.lbs)
Dimensions (L x W x H)	138x79x238mm (5-7/16"x3-1/8"x9-3/8")
Net weight	1.2kg (2.6lbs)

Cordless Impact Driver

DTD135

Li-ion Ah 4.0 3.0 1.5 1.3 — 440



P99 B

Very compact body and lightweight design.

- Ergonomically designed rubberized grip provides more control and comfort.
- One-touch bit installation.
- Phosphorescent bumper is convenient in dark place.
- LED job light can be turned on before tool starts.
- LED job light with afterglow function.



14.4V

Fast charger, Battery cartridge

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M12 (3/16" - 1/2")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,400
Max. fastening torque	145N·m (1,280in.lbs)
Dimensions (L x W x H)	145x79x217mm (5-3/4"x3-1/8"x8-1/2")
Net weight	1.3kg (2.9lbs)

Cordless Oil-Pulse Driver

DTS131

Li-ion Ah 4.0 3.0 1.5 1.3

new



XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99 B

More compact and lightweight thanks to the newly-developed oil unit and brushless motor.

- Incredibly low noise operation thanks to the impact mechanism using oil unit instead of anvil and hammer.
- "T" mode: Tightening mode for self-drilling screw and bolts.
- With the cooling system for oil unit, capable of long continuous operation.



14.4V

Fast charger, Battery cartridge

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M8 (3/16" - 5/16")
	High tensile bolt : M5 - M6 (3/16" - 1/4")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	Hard :0-2,500
	Medium :0-2,200
	Soft :0-1,400
No load speed (rpm)	Hard :0-3,000
	Medium :0-2,000
	Soft :0-1,200
Max. fastening torque	40N·m (355in.lbs)
Noise	75dB(A)
Dimensions (L x W x H)	136x79x240mm (5-3/8"x3-1/8"x9-1/2")
Net weight	1.2kg (2.6lbs)

Cordless Oil-Pulse Driver

DTS130

Li-ion Ah 4.0 3.0 1.5 — 440



P99 B

Incredibly low noise operation thanks to the impact mechanism using oil unit instead of anvil and hammer.

- With the cooling system for oil unit, capable of long continuous operation.
- Ergonomically designed rubberized soft grip for better control.



14.4V

Fast charger, Battery cartridge

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M6 - M10 (1/4" - 3/8")
	High tensile bolt : M6 - M8 (1/4" - 5/16")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	0-1,600
No load speed (rpm)	0-2,400
Max. fastening torque	30N·m (266in.lbs)
Noise	72dB(A)
Dimensions (L x W x H)	183x79x240mm (7-1/4"x3-1/8"x9-1/2")
Net weight	1.7kg (3.7lbs)

Cordless Angle Impact Driver

DTL060

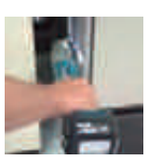
Li-ion Ah 4.0 3.0 1.5



P99 C

Compact angle head for easy access in tight places.

- The head height of 53mm ensures easy access to screws in tight places.
- Conveniently located reverse switch.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- LED job light with afterglow function.



14.4V

Fast charger, Battery cartridge, Phillips bit

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M4 - M8 (5/32" - 5/16")
	High tensile bolt : M4 - M12 (5/32" - 1/2")
	Coarse thread (in length): 22 - 75mm (7/8" - 2-31/32")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,000
Max. fastening torque	60N·m (531in.lbs)
Dimensions (L x W x H)	387x78x97mm (15-1/4"x3-1/16"x3-13/16")
Net weight	1.7kg (3.6lbs)

Cordless Angle Drill

DDA341 / DDA340 10mm (3/8")

Li-ion Ah 4.0 3.0 1.5 — 440



DDA341



DDA340

P99 A

Compact angle head with small head height.

- Original 4-pole motor for power, lightweight and compact size.
- LED job light with afterglow function.
- Ergonomically designed rubberized soft grip.
- Easy-to-operate large type (paddle type) switch trigger.
- Single sleeve keyless chuck enables easy bit installation/removal by one hand.



14.4V

▼DDA341

Fast charger, Battery cartridge, Side grip

Capacity	Steel : 10mm (3/8")
	Wood : 25mm (1")
No load speed (rpm)	0-1,700
Dimensions (L x W x H)	DDA341 :
	326x79x97mm(12-7/8"x3-1/8"x3-13/16")
	DDA340 :
	314x79x97mm (12-3/8"x3-1/8"x3-13/16")
Net weight	1.7kg (3.7lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Screwdriver — DFS441

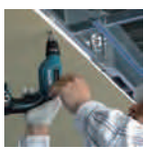
Li-ion Ah 4.0 3.0 1.5 1.3 — 440



P99 E

Well balanced tool design for easy handling and maneuverability.

- One-touch locator allows for easy locator installation/ removal with a single action.
- Variable speed control switch provides easier operation for fine adjustment of screw depth without locator.
- LED job light with afterglow function.
- With Silent clutch.



14.4V

Fast charger, Battery cartridge, Phillips bit, Magnetic connect bit

Capacity	Drywall screw : 4mm (5/32")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	0-4,000
Dimensions (L x W x H)	281x80x241mm (11-1/8"x3-1/8"x9-1/2")
Net weight	1.4kg (3.2lbs)

Cordless Screwdriver — DFS440

Li-ion Ah 4.0 4.0 1.5 1.3 — 440



P99 E

Easy bit changes with one-touch locator removable by simply pulling.

- Silent clutch features high durability.
- LED job light with afterglow function.
- Ergonomically designed rubberized soft grip.
- Bit holder is provided for a spare bit.



14.4V

Fast charger, Battery cartridge, Phillips insert bit, Magnetic bit holder

Capacity	Drywall screw : 4mm (5/32")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	4,000
Dimensions (L x W x H)	258x80x193mm (10-1/8"x3-1/8"x7-5/8")
Net weight	1.6kg (3.6lbs)

Cordless Auto Feed Screwdriver — DFR440

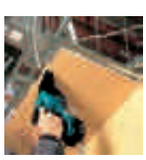
Li-ion Ah 4.0 3.0 1.5 1.3 — 440



P99 E

High operation efficiency delivered from high rotational speed.

- Compact and lightweight 4-pole motor.
- Compact and lightweight casing.
- Best-fitting grip of new design.
- New silent clutch features high durability and ensures high operation efficiency with direct drive transmission in reverse rotation.



14.4V

Fast charger, Battery cartridge, Phillips bit

Capacity	Drywall screw : 4x25 - 41mm (5/32"x1" - 1- 5/8")
Bit size	Hex Shank : 6.35mm (1/4")
No load speed (rpm)	4,000
Dimensions (L x W x H)	357x80x193mm (14"x3-1/8"x7-5/8")
Net weight	1.8kg (4.0lbs)

Cordless Auto Feed Screwdriver — DFR540

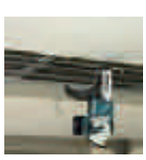
Li-ion Ah 4.0 3.0 1.5 1.3 — 440



P99 E

More reliable sturdy aluminum casing attachment.

- Accept screw length up to 55mm (2-3/16").
- Stopper base provides anti-tilt device for preventing screws from swaying.
- Silent clutch features high durability.
- Screw guide designed to prevent collated screw strip from getting tangled.
- Reverse switch operable by one hand.



14.4V

Fast charger, Battery cartridge, Phillips bit

Capacity	Drywall screw : 4x25 - 55mm (5/32"x1" - 2-3/16")
Bit size	Hex Shank : 6.35mm (1/4")
No load speed (rpm)	4,000
Dimensions (L x W x H)	424x80x238mm (16-3/4"x3-1/8"x9-3/8")
Net weight	2.0kg (4.1lbs)

Cordless Impact Wrench — DTW280 1/2" (12.7mm)

Li-ion Ah 4.0 3.0 1.5 1.3



BL MOTOR

P99 D

A maximum tightening torque of 275 N.m (203 ft.lbs).

- Compact design with a short overall length of 147 mm (5-3/4").
- The power remaining in the battery can be indicated in 3 stages simply by pushing a button.
- Electronic 3 stage impact power selection.
- 12.7 mm (1/2") Square drive.



14.4V

Fast charger, Battery cartridge

Capacity	Standard bolt : M10 - M20 (3/8" - 3/4")
	High tensile bolt : M10 - M16 (3/8" - 5/8")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	3rd : 0-3,500
	2nd : 0-2,600
	1st : 0-1,800
No load speed (rpm)	3rd : 0 - 2,800
	2nd : 0-2,100
	1st : 0-1,800
Max. fastening torque	275N·m (2,430in.lbs)
Dimensions (L x W x H)	147x79x249mm (5-3/4"x3-1/8"x9-3/4")
Net weight	1.4kg (3.1lbs)

Tool does not come with socket.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Impact Wrench

DTW250 1/2" (12.7mm)

Li-ion Ah 4.0 3.0 1.5 — 440



P99 D

High torque to weight ratio at 230N.m (2,040in.lbs).

- Compact provides more control and maneuverability.
- High power, compact and lightweight 4-pole motor.
- LED job light with afterglow function.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.



14.4V

Fast charger, Battery cartridge

Capacity	Standard bolt : M10 - M16 (3/8" - 5/8")
	High tensile bolt : M10 - M14 (3/8" - 9/16")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,200
Max. fastening torque	230N·m (2,040in.lbs)
Dimensions (L x W x H)	165x79x234mm (6-1/2"x3-1/8"x9-1/4")
Net weight	1.6kg (3.5lbs)

Tool does not come with socket.

Cordless Impact Wrench

DTW152 1/2" (12.7mm)

Li-ion Ah 4.0 3.0 1.5 — 440



P99 D

Compact and lightweight with 4 pole motor.

- Ergonomically designed rubberized grip provides more control and comfort.
- Phosphorescent bumper is convenient in dark place.
- LED job light can be turned on before tool starts.
- LED job light with afterglow function.



14.4V

Fast charger, Battery cartridge

Capacity	Standard bolt : M8 - M16 (5/16" - 5/8")
	High tensile bolt : M8 - M12 (5/16" - 1/2")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	0 - 3,200
No load speed (rpm)	0 - 2,400
Max. fastening torque	200N·m (1,770in.lbs)
Dimensions (L x W x H)	158x79x234mm (6-1/4"x3-1/8"x9-1/4")
Net weight	1.5kg (3.3lbs)

Tool does not come with socket.

Cordless Angle Impact Wrench

DTL062 3/8"(9.5mm)

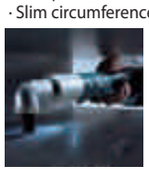
Li-ion Ah 4.0 3.0 1.5



P99 C

Compact angle head for easy access to bolts in tight places.

- Conveniently located reverse switch.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- LED job light with afterglow function.
- Phosphorescent bumper is convenient in dark place.
- Slim circumference grip.



14.4V

Fast charger, Battery cartridge

Capacity	Standard bolt : M4 - M12 (5/32" - 1/2")
	High tensile bolt : M4 - M8 (5/32" - 5/16")
	Square drive : 9.5mm (3/8")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,000
Max. fastening torque	60N·m (531in.lbs)
Dimensions (L x W x H)	387x78x97mm (15-1/4"x3-1/16"x3-13/16")
Net weight	1.6kg (3.5lbs)

Cordless Rotary Hammer

DHR164 16mm (5/8") Adapted for SDS-PLUS bits

Li-ion Ah 4.0 3.0 1.5 — 430

new

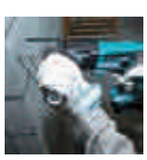


XPT EXTREME PROTECTION TECHNOLOGY

P99 F

Compact and Light weight.

- Ergonomic handle for perfect tool control and minimum hand fatigue and pain.
- Dual operation mode "Rotation only" + "Hammering with Rotation".
- Side handle of new design uses elastomer for non-slip yet soft grip.
- Conveniently located push button for rotation reverse.
- LED Job light with afterglow function.



14.4V

Fast charger, Battery cartridge, Side grip, Depth gauge

Impact energy	1.3
Capacity	Concrete : 16mm (5/8")
	Steel : 13mm (1/2")
	Wood : 24mm (15/16")
Impacts per minute (ipm)	0 - 5,300
No load speed (rpm)	0-1,600
Vibration level	hammer drilling: 12.5m/s^2
Dimensions (L x W x H)	297x79x250mm (11-3/4"x3-1/8"x9-7/8")
Net weight	2.2kg (4.8lbs)

Tool does not come with bit.

Cordless tool

Battery & charger time reference chart P.14

Cordless Circular Saw

DSS500 136mm (5-3/8")

Li-ion Ah 4.0 3.0 1.5 — 430



P99 M

Well balanced tool design for high maneuverability.

- Large lock-off lever easy to operate even with gloved hand.
- Twin LED light illuminates blade edge for accurate cutting even in dark place.
- The air directed from the end of the top guide blows sawdust off the cut line ahead.



14.4V

Fast charger, Battery cartridge, Carbide-tipped saw blade, Hex wrench, Guide rule

Max cutting capacity	at 0 degrees : 51mm (2")
	at 45 degrees : 35mm (1-3/8")
Blade diameter	136mm (5-3/8")
No load speed (rpm)	3,600
Dimensions (L x W x H)	359x183x201mm (14-1/8"x7-1/4"x7-7/8")
Net weight	2.6kg (5.7lbs)

Cordless Recipro Saw

DJR143

Li-ion Ah 4.0 3.0 1.5 1.3



P99 I

Two switch levers are available with variable speed control.

- Toolless blade clamp for Recipro saw blade.
- Compact and lightweight handy body.
- LED job light with pre-glow function.



14.4V

Charger, Battery cartridge x2, Recipro saw blades

Capacity	Pipe : 50mm (2")
	Wood : 50mm (2")
Length of stroke	13mm (1/2")
Strokes per minute (spm)	0-3,000
Dimensions (L x W x H)	392x81x201mm (15-1/2"x3-3/16"x7-7/8")
Net weight	1.5kg (3.3lbs)

Cordless Recipro Saw

DJR145

Li-ion Ah 4.0 3.0 1.5 1.3



P99 I N

Two switch levers are available with variable speed control.

- Compact and lightweight handy body.
- Blade clamp compatible with both Recipro and Jig saw blades.
- LED job light with pre-glow function.



14.4V

Charger, Battery cartridge x2, Recipro saw blades

Capacity	Pipe : 50mm (2")
	Wood : 50mm (2")
Length of stroke	13mm (1/2")
Strokes per minute (spm)	0-3,000
Dimensions (L x W x H)	392x81x201mm (15-1/2"x3-3/16"x7-7/8")
Net weight	1.5kg (3.3bs)

Cordless Recipro Saw

DJR141

Li-ion Ah 4.0 3.0 1.5 — 441



P99 I

Lightweight design.

- Toolless push-in lock system enables quick bade changes.
- Shoe is adjustable to 5 positions by merely turning a lever.
- Large trigger switch is easy to operate with gloved hand.
- Dust seal mounted on the front part of slider protects the machine from the intruding sawdust.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.



14.4V

Fast charger, Battery cartridge, Recipro saw blade set

Capacity	Pipe : 90mm (3-1/2")
	Wood : 90mm (3-1/2")
Length of stroke	23mm (7/8")
Strokes per minute (spm)	0-2,700
Dimensions (L x W x H)	466x79x226mm (18-3/8"x3-1/8"x8-7/8")
Net weight	3.1kg (6.8lbs)

Cordless Straight Shear

DJS160 1.6mm

Li-ion Ah 4.0 3.0 1.5 — 430



P99 H

Straight design provides more control and high maneuverability for easy cutting operation.

- Compact and lightweight design for easy handling and high maneuverability.
- High cutting capacity : cuts up to 1.6mm thick mild steel sheet.
- Anti-restart function with warning lamp.
- Warning lamp for low battery capacity.
- Hex. wrench is storable.



14.4V

Fast charger, Battery cartridge, Hex wrench, Thickness gauge

Capacity	Steel up to 400 N/mm^2 : 1.6mm
	Steel up to 600 N/mm^2 : 1.2mm
	Aluminum up to 200 N/mm^2 : 2.5mm
Strokes per minute (spm)	4,300
Dimensions (L x W x H)	362x78x103mm (14-1/4"x3-1/16"x4-1/16")
Net weight	1.9kg (4.2lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Metal Shear

DJS100 1.0mm

Li-ion Ah 4.0 3.0 1.5 — 430

Easy curve cutting.

- Straight design provides more control and high maneuverability for easy cutting operation.
- Minimum outside cutting radius of 30mm(1-3/16") for close right or left curve cuts with a smooth edge.
- Anti-restart function with warning lamp.
- Warning lamp for low battery capacity.
- Hex. Wrench is storable.





14.4V

Fast charger, Battery cartridge, Hex wrench

Capacity	Steel up to 400 N/mm²: 1.0mm Steel up to 600 N/mm²: 0.7mm Aluminum up to 200 N/mm²: 2.5mm
Strokes per minute (spm)	4,300
Dimensions (L x W x H)	364x78x103mm (14-3/8"x3-1/16"x4-1/16")
Net weight	1.9kg (4.2lbs)

P99 H

Cordless Nibbler

DJN160 1.6mm (16Ga)

Li-ion Ah 4.0 3.0 1.5 — 430

Nibbler without cord expands more operating field.

- Low battery auto-shut off.
- Anti-restart function.
- Common blade with JN1601.





14.4V

Hex wrench, Wrench, Punch, Die

Capacity	Steel up to 400 N/mm²: 1.6mm Steel up to 600 N/mm²: 1.2mm Aluminum up to 200 N/mm²: 2.5mm
Min. cutting radius	Inside edge : 45mm (1-3/4") Outside edge : 50mm (2")
Strokes per minute (spm)	1,900
Dimensions (L x W x H)	313x78x174mm (12-3/8"x3-1/16"x6-7/8")
Net weight	2.1kg (4.6lbs)

P99 H

Cordless Angle Grinder

DGA450 115mm (4-1/2")

Li-ion Ah 4.0 3.0 1.5 — 430

Powerful angle grinder now free from cord.

- Capable of using wheels / discs for AC Grinders.
- Easy-to-grip, small circumference motor housing.
- Anti-restart function for safety (with warning lamp).
- Electronic current limiter (with warning lamp).





14.4V

Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip

Wheel diameter	115mm (4-1/2")
Abrasive disc diameter	115mm (4-1/2")
Diamond wheel diameter	115mm (4-1/2")
No load speed (rpm)	11,000
Dimensions (L x W x H)	317x129x111mm (12-1/2"x5-1/8"x4-3/8")
Net weight	1.8kg (4.0lbs)

P99 J

Cordless Random Orbit Sander

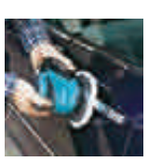
DBO140 125mm (5")

Li-ion Ah 4.0 3.0 1.5

Excellent performance with high orbital speed.

- Compact design with a short height and a lower center of gravity easily handle.
- Excellent performance as powerful as AC model gives high productivity.
- Ergonomically best possible grip plus compact tool design.
- Simple to operate electronic push button switch with 3-speed settings.





14.4V

Fast charger, Battery cartridge, Abrasive disc, Dust bag or dust box

Pad diameter	123mm (4-7/8")
Abrasive disc diameter	125mm (5")
Orbits per minute (opm)	7,000/ 9,500/ 11,000
Dimensions (L x W x H)	175x123x153mm (6-7/8"x4-7/8"x6")
Net weight	1.6kg (3.4lbs)

P99 J

Cordless Multi Tool

DTM41

Li-ion Ah 4.0 3.0 1.5 1.3

Tool-less accessory clamp for quick installation and replacement.

- 12 angle setting of accessories at every 30°from 0°to 360°.
- Variable speed control by dial.
- Battery capacity warning lamp.
- Anti-restart function prevents accidental start-up.





14.4V

Fast charger, Battery cartridge, Oscillating multi tool accessories, Hex wrench

Oscillations per minute (opm)	6,000-20,000
Dimensions (L x W x H)	326x80x104mm (12-7/8"x3-1/8"x4-1/8")
Net weight	2.0kg (4.3lbs)

P99 L

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Multi Tool — DTM40

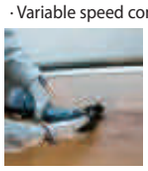
Li-ion Ah 4.0 3.0 1.5 1.3



P99 L

Wide selection of accessories available for various applications.

- Anti-restart function prevents accidental startup.
- Fully 360° multi angle setting enables users to position accessories in 12 different angles.
- Ergonomically designed rubberized grip provides more control and comfort.
- Variable speed control dial.



14.4V

Oscillations per minute (opm)	6,000-20,000
Dimensions (L x W x H)	307x80x104mm (12-1/4"x3-1/8"x4-1/8")
Net weight	1.7kg (3.8lbs)

Fast charger, Battery cartridge, Oscillating multi tool accessories, Hex wrench

Cordless Jig Saw — DJV142

Li-ion Ah 4.0 3.0 1.5



BL MOTOR

P99 N

Powerful BL DC motor increase max output power and work amount on a single full battery charge.

- Excellent performance provides higher productivity.
- Variable speed control by dial located on the rear side for easier operation.
- Blade can be attached with single action, and also removed easily with single action - simply by turning large lever.
- Enhanced performance against dust achieved by re-designed Rod portion.



14.4V

Capacity	Wood : 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	800 - 3,500
Dimensions (L x W x H)	264x77x208mm (10-3/8"x3"x8-3/16")
Net weight	2.5kg (5.5lbs)

Cutting capacity in wood : when cutting with optional blade No.B-16L

Fast charger, Battery cartridge, Jig saw blade assortment, Cover plate, Dust nozzle (for European countries only), Anti-splintering device, Hex wrench

Cordless Jig Saw — DJV141

Li-ion Ah 4.0 3.0 1.5



BL MOTOR

P99 N

Barrel handle type cordless jig saw powered by Li-ion batteries.

- Equipped with high power Brushless DC motor.
- Higher productivity than that of 4351CT.
- Lightweight body with the equivalent weight to the AC model.



14.4V

Capacity	Wood : 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	800 - 3,500
Dimensions (L x W x H)	280x77x189mm (11"x3"x7-7/16")
Net weight	2.4kg (5.3lbs)

Cutting capacity in wood : when cutting with optional blade No.B-16L

Fast charger, Battery cartridge, Jig saw blade assortment, Cover plate, Dust nozzle (for European countries only), Anti-splintering device, Hex wrench

Cordless Jig Saw — DJV140

Li-ion Ah 4.0 3.0 1.5

440



P99 N

High accuracy and high efficiency.

- Low vibration and low noise.
- Toolless push-in lock system enaldes quick extremely fast blade changes.
- Sawdust blowing feature.
- Rubber Dust Seal at Rod and Retainer shuts out dust.
- Large trigger switch is easy to operate with gloved hand.



14.4V

Capacity	Wood : 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	0-2,600
Dimensions (L x W x H)	255x73x208mm (10"x2-7/8"x8-3/16")
Net weight	2.7kg (5.9lbs)

Cutting capacity in wood : when cutting with optional blade No.B-16L

Fast charger, Battery cartridge, Jig saw blade set (No. B-10, BR-13, B-22; 2each), Cover plate, Anti-splintering device, Hex wrench

Cordless Planer — DKP140 82mm (3-1/4")

Li-ion Ah 4.0 3.0 1.5

411



P99

Angle and shape of handle are easy to grip, push and carry.

- Precise planning depth setting by adjustment knob with click stops.
- Foot on base plate protects workpiece and blades from scratches and
- damages.
- Rigid aluminum die-cast bracket.



14.4V

Planing width	82mm (3-1/4")
Planing depth	1.6mm (1/16")
No load speed (rpm)	13,000
Dimensions (L x W x H)	329x157x160mm (13"x6-3/16"x6-5/16")
Net weight	3.2kg (7.2lbs)

Shiplapping : 9mm (11/32")

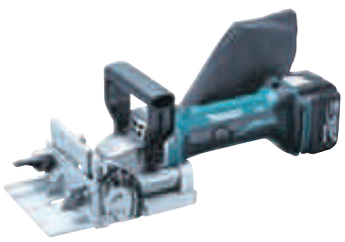
Planer Blade, Blade Gauge Assembly, Guide Rule, Socket Wrench, Dust nozzle

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Plate Joiner

DPJ140

Li-ion Ah 4.0 3.0 1.5 — 430



P99 O

New top handle with flat shape on side surface for excellent tool control.

- 6 Cutting depths can be preset by simply rotating the depth adjusting knob (stopper).
- Connectable to vacuum cleaner.
- Anti-restart function for safety (with warning lamp).
- Electronic current limiter (with warning lamp).



14.4V

Blade diameter	100mm (4")
Max. cutting depth	20mm (3/4")
No load speed (rpm)	6,500
Dimensions (L x W x H)	351x139x149mm (13-3/4"x5-1/2"x5-7/8")
Net weight	3.0kg (6.5lbs)

Fast charger, Battery cartridge, Cutter blade, Angle guide, Lock nut wrench, Set plate, Dust bag

Cordless Cut-Out Tool

DCO140 6.35mm (1/4")

Li-ion Ah 5.0 4.0 3.0 1.5 1.3 — 430

new



P99 E

High rotational speed for fast cutting: No load speed of 30,000 min-1 is as fast as that of AC models.

- Ergonomic barrel handle with soft grip.
- Anti-restart function prevents accidental start up of tool.
- Shoe support can be used as a wrench for bit replacement.
- Lightweight design



14.4V

Capacity	Collet : 3.18mm (1/8") or 6.35mm (1/4")
No load speed (rpm)	30,000
Dimensions (L x W x H)	296x77x100mm (11-5/8"x3"x3-15/16")
Net weight	1.4kg (3.0lbs)

Drywall guide bit 3.18mm (1/8"), Collet nut, Collet cone 6.35mm (1/4"), Collet sleeve (for 3.18mm bit), Wrench 17, Wrench holder

Cordless Stapler

DST110

Li-ion Ah 4.0 3.0 1.5 1.3



P99 P

Perfect and fine fixing with consistent shooting.

- Fast shooting and reliable finish.
- Easy shooting in corners or tight spots.
- Ergonomically designed rubberized soft grip.
- Shoots 5,000 staples on a single battery charge.
- Double trigger prevents accidental shooting.



14.4V

Capacity	Width : 10mm (3/8")
	Length : 7 - 10mm (9/32" - 3/8")
	Wire : 0.5 x 0.7mm
Magazine capacity	125pcs
Dimensions (L x W x H)	245x79x191mm (9-5/8"x3-1/8"x7-1/2")
Net weight	2.0kg (4.4lbs)

Fast charger, Battery cartridge, Safety goggles

Cordless Stapler

DST220

Li-ion Ah 4.0 3.0 1.5 1.3



P99 A

Machined aluminum magazine ensures smooth staple loading and feeding.

- Ergonomically designed rubberized grip provides more control and comfort.
- Driving depth adjustment is provided.
- Remaining staple view window.
- Staple can be fired one after the other.



14.4V

Capacity	Width : 10mm (3/8")
	Length : 10, 13, 16, 19, 22mm (3/8, 1/2, 5/8, 3/4, 7/8")
	Wire : 0.6 x 1.2mm
Magazine capacity	98pcs
Dimensions (L x W x H)	247x91x212mm (9-3/4"x3-5/8"x8-3/8")
Net weight	2.3kg (5.0lbs)

Fast charger, Battery cartridge, Safety goggles

Cordless Pin Nailer

DPT350

Li-ion Ah 4.0 3.0 1.5 1.3



P99 P

"Hose-less" enables to perform efficient operation in interior finish work without being disturbed by air hose.

- Double trigger for safe operation prevents accidental shooting.
- LED job light (single-light) for illuminated operation.
- Anti-dry-fire mechanism protects workpiece from damages.
- Ergonomic handle with soft grip.



14.4V

Capacity	Length : 18, 25, 30, 35mm (11/16, 1, 1-3/16, 1-3/8")
	Diameter : 0.6mm (1/32")
Magazine capacity	130pcs
Dimensions (L x W x H)	245x79x227mm (9-5/8"x3-1/8"x8-15/16")
Net weight	2.0kg (4.4lbs)

Fast charger, Battery cartridge, Nose adapter, Safety goggles, Hex wrench

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Concrete Vibrator

DVR440 1,200mm (4.0ft) / **DVR340** 800mm (2.6ft)

Li-ion Ah 4.0 3.0 1.5 1.3



P99

Ergonomic design and smooth mixing.

- Increased maneuverability with new trigger operable from two directions.
- Best-fitting grip ergonomically designed for maximum efficiency and minimum fatigue in the operation.
- Enhanced strength of a protective cover.



14.4V

Diameter of vibrator	25mm (1")
Length of flexible part	DVR440 : 1,200mm (4.0ft)
	DVR340 : 800mm (2.6ft)
Vibrations per minute (vpm)	12,500
Dimensions (L x W x H)	DVR440 :
	1,483x93x250mm (58-1/2"x3-5/8"x9-7/8")
	DVR340 :
	1,083x93x250mm (42-3/4"x3-5/8"x9-7/8")
Net weight	DVR440 : 3.6kg (7.9lbs)
	DVR340 : 3.1kg (6.8lbs)

● Fast charger, Battery cartridge, Carrying case for battery and charger

Cordless Caulking Gun

DCG140

Li-ion Ah 4.0 3.0 1.5 1.3



P99

Excellent work efficiency.

- Variable speed control by dial and trigger switch for maximum control of sealant flow rate.
- 300ml and 600ml size holder can be used.
- Anti-drip function stops excess from oozing out just on release of the switch trigger.
- Rubberized soft grip provides comfortable grip and better control.



14.4V

Max pushing force	5,000N (1,100lbs)
No load speed	0-28mm/sec. (0-66in/min.)
Dimensions (L x W x H)	404x108x281mm (15-7/8"x4-1/4"x11-1/8")
Net weight	2.1kg (4.6lbs)

● Fast charger, Battery cartridge, Holder, Holder joint, Piston, Rubber ring, Nozzle

Cordless Vacuum Cleaner

DVC340

Li-ion Ah 4.0 3.0 1.5 1.3



P99

Cordless design for high portability.

- Convenient for use with Makita cordless tools.
- Large 3L dust bag capacity.
- Variable switch provides High/Low air volume settings to suit your application.
- Shoulder belt can be easily slung over your shoulder for added mobility.
- 2 functions in 1 machine convertible into a blower by attaching nozzle assembly.



14.4V

Max. peak air flow	3.3m³ / min
Max. sealed suction (water colum)	5.2kPa (530mmH2O)
Recoverable capacity	Dust : 3.0L (0.8gal)
Dimensions (L x W x H)	273x195x226mm (10-3/4"x7-5/8"x8-7/8")
Net weight	2.1kg (4.7lbs)

● Fast charger, Battery cartridge, Nozzle assembly, Dust bag assembly, Hose complete, Shoulder belt

Cordless Blower

DUB142

Li-ion Ah 4.0 3.0 1.5 1.3



P99

High/ Medium/ Low air volume settings.

- Ergonomically designed rubberized grip.
- Anti-static electricity for comfortable operation.



14.4V

Air volume	2.6m³/min
Air pressure	5.4kPa (550mm H2O)
No load speed (rpm)	0-18,000
Sound pressure level	85dB(A)
Sound power level	95dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	509x155x212mm (20"x6-1/8"x8-3/8")
Net weight	1.6kg (3.5lbs)

● Fast charger, Battery cartridge, Nozzle assembly

Cordless Blower

DUB143

Li-ion Ah 4.0 3.0 1.5 1.3



P99

Long leaf blower nozzle with curved flat end enables to use the machine comfortably in an upright standing posture.

- Three Air volume settings; High/ Medium/ Low.
- Ergonomically designed handle with rubberized soft grip.
- Variable speed control by trigger.



14.4V

Air volume	2.6m³/min
Air speed	50m/s
No load speed (rpm)	0-18,000
Sound pressure level	85dB(A)
Sound power level	95dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	829x155x212mm (32-5/8"x6-1/8"x8-3/8")
Net weight	1.7kg (3.7lbs)

This machine cannot be used as a vacuum because it will get clogged with leaf or branch debris.

● Fast charger, Battery cartridge, Leaf blower nozzle

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Cleaner — DCL142

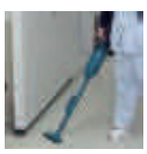
Li-ion Ah 4.0 3.0 1.5 1.3



P99

Dust disposal can be cleaner and simpler with disposable paper dust bag.

- Touch button switch with High/Low suction power settings.
- LED battery power warning lamp.
- Improved front cover design for easy dust bag removal.
- New T-nozzle with enhanced maneuverability.



14.4V

Capacity	Dust Bag : 500mL Paper Filter : 330mL
Max. air flow	1.0m³ / min
Continuous use (minutes)	Hi : 20 Lo : 40
Max. sealed suction (water colum)	3.6kPa (360mmH2O)
Dimensions (L x W x H)	463x115x151mm (18-1/4"x4-1/2"x5-15/16")
Net weight	1.3kg (2.8lbs)

● Nozzle assembly (T-nozzle), Sash nozzle, Cloth dust bag, Pipe(extension pipe), Sash nozzle holder, Paper dust bag 5 units

Cordless Cleaner — DCL140

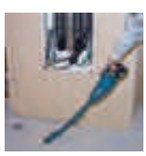
Li-ion Ah 4.0 3.0 1.5 1.3



P99

Optimum cordless cleaner for constructors or factory.

- Strong suction power 25W.
- T-nozzle with enhanced maneuverability.
- Rubberized soft grip reduces hand fatigue even in long continuous use.
- Low noise emission : 69dB.



14.4V

Capacity	650mL
Max. air flow	1.2m³ / min
Continuous use (minutes)	20
Max. sealed suction (water colum)	3.2kPa (320mmH2O)
Dimensions (L x W x H)	458x114x152mm (18"x4-1/2"x6")
Net weight	1.2kg (2.6lbs)

Battery and charger are sold separately.

● Nozzle assembly, Sash nozzle, Pipe, Filter (factory-mounted), Pre-filter (factory-mounted)

Cordless Chain Saw — DUC121 115mm (4-1/2")

Li-ion Ah 4.0 3.0 1.5 — 430



P99

High cutting speed with powerful motor.

- Automatic chain oiling.
- Toolless change and tension adjustment of chain blade.
- Ergonomically designed top handle.
- Tip guard prevents kickback.
- Top handle is positioned enabling to apply more force to chain blade.



14.4V

Chain speed per minute	290m (943ft)
Guide bar length	115mm (4-1/2")
Saw chain	Pitch : 1/4"
Sound pressure level	84dB(A)
Sound power level	92dB(A)
Vibration level	4.2m/s²
Dimensions (L x W x H)	422x195x215mm (16-5/8"x7-5/8"x8-1/2")
Max. output	0.30kW
Net weight	2.5kg (5.5lbs)

● Fast charger, Battery cartridge, Guide bar cover, Oil supply, File

Cordless Hedge Trimmer — DUH421 420mm (16-1/2") / DUH481 480mm (18-7/8") / DUH521 520mm (20-1/2")

Li-ion Ah 4.0 3.0 1.5 1.3



P99

User-replaceable blade.

- Anti-vibration structure,5 cushions to absorb vibration from blade and motor-crank section.
- Rubberized soft grip provides comfortable and sure grip.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.



14.4V

Blade length	DUH421 : 420mm (16-1/2") DUH481 : 480mm (18-7/8") DUH521 : 520mm (20-1/2")
Strokes per minute (spm)	2,700
Tooth spacing	26mm (1")
Sound pressure level	DUH421 : 74dB(A) DUH481 / DUH521 : 75dB(A)
Sound power level	DUH421 : 82.5dB(A) DUH481 : 83.2dB(A) DUH521 : 82.9dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	DUH421 : 831x195x193mm(32-3/4"x7-5/8"x7-5/8") DUH481 : 1881x195x193mm (34-3/4"x7-5/8"x7-5/8") DUH521 : 931x195x193mm (36-3/4"x7-5/8"x7-5/8")
Net weight	DUH421 : 2.9kg (6.4lbs) DUH481 : 3.0kg (6.5lbs) DUH521 : 3.0kg (6.7lbs)

● Fast charger, Battery cartridge, Blade cover

Cordless Grass Trimmer — DUR143U / DUR142U

Li-ion Ah 4.0 3.0 1.5



P99

Lightweight yet powerful cordless grass trimmer powered by 14.4V Li-ion batteries.

- High power yet lightweight Brushless DC motor placed on the bottom side of the shaft will provide easy handling and high trimming performance.
- Split shaft.(DUR143U)
- Enhanced dust and drip-proof performance for use in bad weather.
- Compatible with Metal blades, Nylon cutting heads and Plastic blade.
- Reverse switch for removing grass clippings from the cutting tool.



14.4V

No load speed (rpm)	3,500-6,000
Spindle size	M8x1.25LH
Sound pressure level	78dB(A)
Sound power level	89dB(A)
Vibration level Left handle	2.5m/s²
Vibration level Right handle	2.5m/s²
Dimensions (L x W x H)	1,843x626x478mm (72-1/2"x24-5/8"x18-3/4")
Net weight	DUR143U : 4.0kg (8.8lbs) DUR142U : 3.8kg (8.3lbs)

● Fast charger, Battery cartridge, Single harness, Nylon cutting head, Wrenches, Safety goggles

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Grass Trimmer

DUR142L

Li-ion Ah 4.0 3.0 1.5



Lightweight yet powerful cordless grass trimmer powered by 14.4V Li-ion batteries.

- High power yet lightweight Brushless DC motor placed on the bottom side of the shaft will provide easy handling and high trimming performance.
- Enhanced dust and drip-proof performance for use in bad weather.
- Compatible with Metal blades, Nylon cutting heads and Plastic blade.
- Reverse switch for removing grass clippings from the cutting tool.

XPT EXTREME PROTECTION TECHNOLOGY

BL MOTOR

P99



14.4V

No load speed (rpm)	3,500-6,000
Spindle size	M8 x 1.25LH
Sound pressure level	78dB(A)
Sound power level	89dB(A)
Vibration level Front handle	2.5m/s²
Vibration level Rear handle	2.5m/s²
Dimensions (L x W x H)	1,843x287x253mm (72-2/2"x11-1/4"x10")
Net weight	3.8kg (8.3lbs)

● Fast charger, Battery cartridge, Blade, Blade guard, Harness, Wrenches, Safety goggles

Cordless String Trimmer

DUR141

Li-ion Ah 4.0 3.0 1.5 1.3



Well balanced tool design.

- Adjustable loop-handle and telescopic pipe shaft.
- Adjustable cutting head.
- 5-position pivoting head.

P99



14.4V

Cutting width	260mm (10-1/4")
No load speed (rpm)	6,000
Sound pressure level	75dB(A)
Sound power level	83.7dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	1,229~1,433x267x257mm (48-1/2~56-1/2"x10-1/2"x10-1/8")
Net weight	2.9kg (6.3lbs)

● Fast charger, Battery cartridge, Shoulder belt, Safety goggles, Nylon cutting head, Nylon cord

Cordless Grass Shear

DUM166 160mm (6-5/16")

Li-ion Ah 4.0 3.0 1.5 1.3



Both trimmer blade and shear blade can be attached.

- Toolless blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Cutting height is adjusted at 3 stages.(10mm,20mm,30mm)
- Durable shear blade with special coating.

P99



14.4V

Cutting width	160mm (6-5/16")
Strokes per minute (spm)	2,500
Sound pressure level	74dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	350x176x130mm (13-3/4"x6-15/16"x5-1/8")
Net weight	1.3kg (3.0lbs)

● Fast charger, Battery cartridge, Blade cover, Base frame



DUC121



DUH521

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

10.8V Lithium-ion



EXPAND YOUR LITHIUM-ION LINEUP

Cordless tool

Battery & charger time reference chart P.15

Cordless Driver Drill — DF330D 10mm (3/8")

Li-ion Ah 1.3



P99 A

Lightweight and compact but with 2-speed gear selection.

- Ergonomically designed handle shape for comfortable gripping.
- LED job light with after glow function.
- High operation efficiency with 10.8V Li-ion battery.



10.8V

Charger, Battery cartridge, Phillips bit, Holster

Capacity	Steel : 10mm (3/8")
	Wood : 21mm (13/16")
No load speed (rpm)	Hi : 0-1,300
	Lo : 0-350
Max. fastening torque	Hard / Soft : 24 / 14N·m
Dimensions (L x W x H)	189x53x183mm (7-7/16"x2-1/16"x7-1/4")
Net weight	1.0kg (2.2lbs)

Cordless Driver Drill — DF030D 10mm (3/8")

Li-ion Ah 1.3



P99 A

Lightweight and compact but with 2-speed gear selection.

- Ergonomically designed handle shape for comfortable gripping.
- LED job light with after glow function.
- High operation efficiency with 10.8V Li-ion battery.



10.8V

Charger, Battery cartridge, Phillips bit, Holster

Capacity	Steel : 10mm (3/8")
	Wood : 21mm (13/16")
No load speed (rpm)	Hi : 0-1,300
	Lo : 0-350
Max. fastening torque	Hard / Soft : 24 / 14N·m
Dimensions (L x W x H)	157x53x183mm (6-3/16"x2-1/16"x7-1/4")
Net weight	0.89kg (2.0lbs)

Cordless Angle Drill — DA331D / DA330D 10mm (3/8")

Li-ion Ah 1.3

DA331D



DA330D



P99 A

The compact angle head and its small center height.

- Ergonomically best possible barrel grip provides comfortable grip.
- Light weight and compact design.
- Easy to operate large type switch trigger.
- Single sleeve keyless chuck enables easy bit instlation/removal by one hand.



10.8V

▼DA331D

Charger, Battery Cartridge, Battery Cover, Chuck Key S10 (DA331D), +-Bit 2-50

Capacity	Steel : 10mm (3/8")
	Wood : 12mm (1/2")
No load speed (rpm)	0-800
Dimensions (L x W x H)	DA331D :
	310x52x88mm (12-1/4"x2-1/16"x3-1/2")
	DA330D :
	298x52x77mm (11-3/4"x2-1/16"x3")
Net weight	DA331D : 1.1kg (2.5lbs)
	DA330D : 1.1kg (2.4lbs)

Cordless Impact Driver — TD091D

Li-ion Ah 1.3 | 440



P99 B

10.8V impact driver especially for assembly factory.

- Light weight and handy with durability.
- More durable than TD090D.
- Dimpled shaped grip keeps firm grip.



10.8V

Charger, Battery cartridge

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M12 (3/16" - 1/2")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
	Coarse thread (in length): 22 - 90mm (7/8" - 3-1/2")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,400
Max. fastening torque	90N·m (800in.lbs)
Dimensions (L x W x H)	134x54x200mm (5-1/4"x2-1/8"x7-7/8")
Net weight	0.87kg (1.9lbs)

Cordless Impact Driver — TD090D

Li-ion Ah 1.3



P99 B

High operation efficiency with 10.8V Li-ion battery.

- Compact design with an overall length of 155mm (6-1/8").
- Lightweight at 0.92kg (2.0lbs).
- Ergonomically designed handle provides comfortable gripping.
- LED job light with after glow function.
- Phosphorescent bumper.



10.8V

Charger, Battery cartridge, Holster

Capacity	Machine screw : M4 - M8mm (5/32" - 5/16")
	Standard bolt : M5 - M12 (3/16" - 1/2")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
	Coarse thread (in length): 22 - 90mm (7/8" - 3-1/2")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,400
Max. fastening torque	90N·m (800in.lbs)
Dimensions (L x W x H)	155x54x178mm (6-1/8"x2-1/8"x7")
Net weight	0.92kg (2.0lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Hammer Driver Drill

HP330D 10mm (3/8")



P99 A

Hammer drill mode.

- Lightweight and compact but with 2-speed gear selection.
- Ergonomically designed handle shape for comfortable gripping.
- LED job light with after glow function.
- High operation efficiency with 10.8V Li-ion battery.



10.8V

Charger, Battery cartridge, Phillips bit, Holster

Capacity	Steel : 10mm (3/8")
	Wood : 21mm (13/16")
	Masonry : 8mm (5/16")
Impacts per minute (ipm)	Hi : 0-22,500
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-1,500
	Lo : 0-400
Max. fastening torque	Hard / Soft : 24 / 12N·m
Dimensions (L x W x H)	201x53x183mm (7-7/8"x2-1/16"x7-1/4")
Net weight	1.1kg (2.3lbs)

Cordless Impact Wrench

TW100D 3/8" (9.5mm)



P99 D

Compact and lightweight design.

- Maximum fastening torque of 110Nm (1,000in-lbs).
- Ergonomically designed handle with rubberized soft grip.
- LED job light (single-light) for illuminated operation.



10.8V

Charger, Battery cartridge

Capacity	Standard bolt : M8 - M12 (5/16" - 1/2")
	High tensile bolt : M6 - M10 (1/4" - 3/8")
	Square drive : 9.5mm (3/8")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,300
Max. fastening torque	110N·m (1,000in.lbs)
Dimensions (L x W x H)	163x54x178mm (6-3/8"x2-1/8"x7")
Net weight	0.95kg (2.1lbs)

Tool does not come with socket.

Cordless Cutter

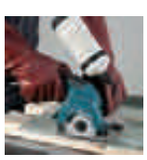
CC300D 85mm (3-3/8")



P99 G

Smooth and powerful cutting at the high rotational speed.

- Compact and lightweight design.
- Water supply tank with large cap for easy opening and refilling water.
- High cutting capacity: 25.5mm (1") max. cut depth at 0 degree.



10.8V

Charger, Battery cartridge, Diamond wheel, Hex wrench, Water supply tank assembly

Max cutting capacity	at 0 degrees : 25.5mm (1")
	at 45 degrees : 16.5mm (5/8")
Blade diameter	85mm (3-3/8")
No load speed (rpm)	1,400
Tank capacity	Water : 0.5L
Dimensions (L x W x H)	300x170x154mm (11-3/4"x6-11/16"x6-1/16")
Net weight	1.7kg (3.7lbs)

Cordless Recipro Saw

JR102D / JR100D



P99 I N

Two switch levers are available with variable speed control.

- Blade clamp compatible with both Recipro saw and Jig saw blades.
- Compact and lightweight handy body.
- LED job light with pre-glow function.



10.8V

▼JR102D

Charger, Battery Cartridge, Recipro Saw Blades, Hex Wrench (JR102D)

Capacity	Pipe : 50mm (2")
	Wood : 50mm (2")
Length of stroke	13mm (1/2")
Strokes per minute (spm)	0-3,300
Dimensions (L x W x H)	355x63x146mm (14"x2-1/2"x5-3/4")
Net weight	JR102D : 1.1kg (2.5lbs)
	JR100D : 1.2kg (2.6lbs)

Cordless Circular Saw

HS300D 85mm (3-3/8")



P99 M

Lightweight and Compact design.

- Smooth and powerful cutting at the high rotational speed of 1,400RPM.
- Removable Dust nozzle is attachable for connecting to vacuum cleaner.
- Bevel cuts up to 0 - 45 degrees.
- Blower function blows sawdust off the cut line ahead for a better cutting view.
- Rubberized soft grip with non-skid elastomer grip for more control and comfort.



10.8V

Charger, Battery cartridge, Carbide-tipped saw blade, Hex wrench

Max cutting capacity	at 0 degrees : 25.5mm (1")
	at 45 degrees : 16.5mm (5/8")
Blade diameter	85mm (3-3/8")
No load speed (rpm)	1,400
Dimensions (L x W x H)	300x170x154mm (11-3/4"x6-11/16"x6-1/16")
Net weight	1.5kg (3.3lbs)

Cordless tool

Battery & charger time reference chart P.15

Cordless Jig Saw

JV100D

Li-ion Ah 1.3



P99 N

Best possible ergonomic handle provides comfortable grip and more control while minimizing hand fatigue and pain.

- Enough power to perform smooth light duty cutting.
- Rigid aluminum base bevels 0 to 45 degrees left and right.
- Change lever for 3 orbital settings and straight cutting.
- Compact and Lightweight.



10.8V

Charger, Battery cartridge, Jig saw blade (No. B-10), Hex wrench

Capacity	Wood : 65mm (2-9/16")
	Steel : 2mm (1/16")
Length of stroke	18mm (11/16")
Strokes per minute (spm)	0-2,400
Dimensions (L x W x H)	231x76x196mm (9-1/8"x3"x7-3/4")
Net weight	1.7kg (3.7lbs)

Cordless Hedge Trimmer

UH200D 200mm (7-7/8")

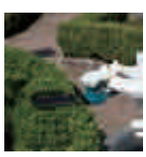
Li-ion Ah 1.3



P99 P

Both trimmer blade and shear blade can be attached.

- Easy blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Durable blade with special coating.



10.8V

Charger, Battery cartridge, Blade cover, Chip receiver

Blade length	200mm (7-7/8")
Strokes per minute (spm)	2,500
Sound pressure level	73.7dB(A)
Sound power level	81.8dB(A)
Vibration level	2.5m/s^2
Dimensions (L x W x H)	460x120x130mm (18-1/8"x4-3/4"x5-1/8")
Net weight	1.2kg (2.7lbs)

Cordless Grass Shear

UM164D 160mm (6-5/16")

Li-ion Ah 1.3



P99 P

Both trimmer blade and shear blade can be attached.

- Easy blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Cutting height is adjusted at 3 stages.
- Durable shear blade with special coating.



10.8V

Charger, Battery cartridge, Blade cover, Base frame

Cutting width	160mm (6-5/16")
Strokes per minute (spm)	2,500
Sound pressure level	75.9dB(A)
Vibration level	2.5m/s^2
Dimensions (L x W x H)	292x178x130mm (11-1/2"x7"x5-1/8")
Net weight	1.1kg (2.4lbs)

Cordless Cleaner

CL102D

Li-ion Ah 1.3



P99 P

Dust disposal can be cleaner and simpler with disposable paper dust bag.

- Touch button switch with High/Low suction power settings.
- LED battery power warning lamp.
- Improved front cover design for easy dust bag removal.
- New T-nozzle with enhanced maneuverability.



10.8V

Charger, Battery cartridge, Nozzle assembly (T-nozzle), Sash nozzle, Cloth dust bag, Pipe(extension pipe), Sash holder nozzle, Paper dust bag 5 units

Capacity	Dust Bag : 500mL
	Paper Filter : 330mL
Max. air flow	0.9m^3/min
Continuous use (minutes)	Hi : 13
	Lo : 21
Max. sealed suction (water colum)	2.3kPa (230mmH2O)
Dimensions (L x W x H)	461x113x150mm (18-1/8"x4-7/16"x5-7/8")
Net weight	1.1kg (2.4lbs)

Cordless Cleaner

CL100D

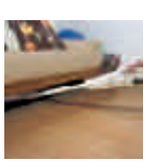
Li-ion Ah 1.3



P99 P

Lightweight but with strong suction power.

- Ergonomic handle with easy on/off trigger switch.
- T-nozzle with enhanced maneuverability.
- Easy dust disposal.
- Angled suction port allows for easy floor cleaning without T-nozzle.



10.8V

Charger, Battery cartridge, Nozzle assembly, Sash nozzle, Pipe, Filter (factory-mounted), Pre-filter (factory-mounted)

Capacity	600mL
Max. air flow	1.2m^3/min
Continuous use (minutes)	12
Max. sealed suction (water colum)	1.8kPa (180mmH2O)
Dimensions (L x W x H)	454x103x150mm (17-7/8"x4-1/16"x5-7/8")
Net weight	0.88kg (1.9lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Battery & charger time reference chart P.15

Rechargeable LED Lantern

ML102 10.8V, 7.2V

Li-ion Ah 1.3 1.0



Rechargeable LED lantern powered by either BL7010 or BL1013.

- By turning the knob to change the internal LED direction, can be used 2 way as lantern and flashlight.
- Equipped with 1.25W single LED for long continuous illumination.
- Hooks on the top and the bottom enable to hang the light from either end.
- Strap hole for using a commercial strap to prevent the light from an unintentional drop.



10.8V 7.2V

Continuous use (hours)	4.5h(BL7010),8h(BL1013/BL1014)
Dimensions (L x W x H)	65x65x180mm (2-9/16"x2-9/16"x7-1/8")
Net weight	0.32kg (0.7lbs)

Net weight: W/BL7010, Battery and charger are sold separately.

Rechargeable Grab Light

ML101

Li-ion Ah 1.3



1W high luminance LED.

- Can be positioned at various places and angles with flexible legs.
- Belt clip is provided.
- Rubberized soft grip.
- Very portable with palm-size.



10.8V

Continuous use (minutes)	540
Dimensions (L x W x H)	119x52x55mm (4-11/16"x2-1/16"x2-3/16")
Net weight	0.25kg (0.55lbs)

Dimensions: without Flexible leg. Battery and charger are sold separately.

Rechargeable Battery Cordless Radio

MR051

Li-ion Ah 1.3



Compact design with AUX-IN jack and earphone jack.

- Dual front speakers for stereo sound.
- Push-button AM/FM digital tuner with LCD digital display.
- Quick manual tuning by turning station selection dial.
- Rotating sky hook convenient to hang the radio on scaffolding pipe, etc.
- Shoulder strap holes for commercial shoulder straps generally available.



10.8V

Practical max output	1.0W
Continuous use (hours)	2.5
Frequency band	AM / FM : 520-1710kHz / 87.5-108 MHz
Dimensions (L x W x H)	169x83x74mm (6-5/8"x3-1/4"x2-15/16")
Net weight	0.49kg (1.1lbs)

Battery and charger are sold separately.

Cordless Heated Jacket

CJ100D

Li-ion Ah 1.3



3 Heat zones-Left chest, right chest and back have each heating element.

- Zip-off sleeves: Removable sleeves for converting jacket into vest.
- On/off heat controller with 3 LEDs Indication.
- Back pocket on left side for Li-ion battery with Battery holder.



10.8V

● Battery holder

Continuous use (hours)	Hi : 1.5
	Mid : 2.5
	Lo : 4.5
Heating value	Hi : 8W
	Mid : 4.5W
	Lo : 2.3W
Size	S, M, L, XL, 2XL, 3XL
Net weight	1.3kg (2.9lbs)

Battery and charger are sold separately.

7.2V Lithium-ion



Cordless Driver Drill

DF010D

Li-ion Ah 1.0



P99 A

High fastening torque accuracy with 21 stages of torque setting.

- The motor automatically stops if battery power reduces further.
- Compact and lightweight design.
- Convertible : straight form or pistol form.
- Can be used as a hand screwdriver.
- LED job light can be turned on/off with an independent switch.



7.2V

Charger, Battery cartridge, Bit set

Capacity	Steel : 5mm (3/16")
	Wood : 6mm (1/4")
No load speed (rpm)	Hi : 650
	Lo : 200
Max. fastening torque	Hard / Soft : 5.6 / 3.6N·m
Dimensions (L x W x H)	Pistol form :
	224x43x141mm (8-7/8"x1-11/16"x5-9/16")
Dimensions (L x W)	Straight form : 279x43mm (11"x1-11/16")
Net weight	0.55kg (1.2lbs)

Cordless Screwdriver

DF011D

Li-ion Ah 1.0



P99 A

Lightweight design and applicable to 7.2V Li-ion battery.

- Rubberized soft grip.
- Convertible: straight form or pistol form.



7.2V

Charger, Battery cartridge, Strap, Bits

Capacity	Wood screw : 3.5x32mm (1/8"x1-1/4")
No load speed (rpm)	250
Max. fastening torque	4.5N·m (40in.lbs)
Dimensions (L x W x H)	Pistol form :
	242x48x169mm (9-1/2"x1-7/8"x6-5/8")
Dimensions (L x W)	Straight form : 296x48mm (11-5/8"x1-7/8")
Net weight	0.42kg (0.93lbs)

Cordless Impact Driver

TD020D

Li-ion Ah 1.0



P99 B

Compact and lightweightbody with impact mechanism.

- Convertible from straight- to pistol-type impact driver.
- Spindle lock system enable to be used as a hand screwdriver.
- LED Job Light can be turned on/off with an independent switch.
- Reversing switch is conveniently positioned for easy operation.



7.2V

Charger, Battery cartridge, Bit set, Holster

Capacity	Machine screw : M3 - M8 (1/8" - 5/16")
	Standard bolt : M3 - M8 (1/8" - 5/16")
	High tensile bolt : M3 - M6 (1/8" - 1/4")
	Coarse thread (in length): 22 - 45mm (7/8" - 1-3/4")
Impacts per minute (ipm)	3,000
No load speed (rpm)	2,300
Max. fastening torque	20N.m (177in.lbs)
Dimensions (L x W x H)	Pistol form :
	213x40x131mm (8-3/8"x1-9/16"x5-1/8")
Dimensions (L x W)	Straight form : 276x40mm (10-7/8"x1-9/16")
Net weight	0.53kg (1.2lbs)

Cordless Impact Driver

TD021D

Li-ion Ah 1.0



P99 B

Multi-function rotary type switch is easy to turn on/off,adjust speed and reverse rotation.

· Compact and lightweight.
· LED job light turns on before motor starts turning.
· Impact mechanism ensured easy operation with less reaction.
· Can be used as a hand screwdriver.



7.2V

Battery charger, Battery cartridge, Bit set, Holster

Capacity	Machine screw : M3 - M8 (1/8" - 5/16")
	Standard bolt : M3 - M8 (1/8" - 5/16")
	High tensile bolt : M3 - M6 (1/8" - 1/4")
	Coarse thread (in length): 22 - 45mm (7/8" - 1-3/4")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,300
Max. fastening torque	22N.m (195in.lbs)
Dimensions (L x W x H)	Pistol form :
	227x42x144mm (8-5/16"x1-5/8"x5-5/8")
Dimensions (L x W)	Straight form : 282x42mm (11-1/8"x1-5/8")
Net weight	0.54kg (1.2lbs)

Cordless Cleaner

CL072D

Li-ion Ah 1.0



P99 P

Dust disposal can be cleaner and simpler with disposable paper dust bag.

· Touch button switch with High/Low suction power settings.
· LED battery power warning lamp.
· Improved front cover design for easy dust bag removal.
· New T-nozzle with enhanced maneuverability.



7.2V

Charger, Battery cartridge, Nozzle assembly (T-nozzle), Sash nozzle, Cloth dust bag, Pipe(extension pipe), Sash nozzle holder, Paper dust bag 5 units

Capacity	Dust Bag : 500mL
	Paper Filter : 330mL
Max. air flow	0.9m³/ min
Continuous use (minutes)	Hi : 8
	Lo : 16
Max. sealed suction (water colum)	2.3kPa (230mmH2O)
Dimensions (L x W x H)	461x113x146mm (18-1/8"x4-7/16"x5-3/4")
Net weight	1.0kg (2.2lbs)

Cordless Cleaner

CL070D

Li-ion Ah 1.0



P99 P

Lightweight but with strong suction power.

· Ergonomic handle with easy on/off trigger switch.
· T-nozzle with enhanced maneuverability.
· Easy dust disposal.
· Angled suction port allows for easy floor cleaning without T-nozzle.



7.2V

Charger, Battery cartridge, Nozzle assembly (T-nozzle), Sash nozzle, Cloth dust bag, Pipe(extension pipe), Sash nozzle holder, Paper dust bag 5 units

Capacity	600mL
Max. air flow	1.2m³/ min
Continuous use (minutes)	8
Max. sealed suction (water colum)	1.8kPa (180mmH2O)
Dimensions (L x W x H)	454x103x142mm (17-7/8"x4-1/16"x5-5/8")
Net weight	0.81kg (1.8lbs)

Rechargeable LED Lantern

ML102 10.8V, 7.2V

Li-ion Ah 1.3 1.0



Rechargeable LED lantern powered by either BL7010 or BL1013.

· By turning the knob to change the internal LED direction, can be used 2 way as lantern and flashlight.
· Equipped with 1.25W single LED for long continuous illumination.
· Hooks on the top and the bottom enable to hang the light from either end.
· Strap hole for using a commercial strap to prevent the light from an unintentional drop.



10.8V 7.2V

Continuous use (hours)	4.5h(BL7010),8h(BL1013/BL1014)
Dimensions (L x W x H)	65x65x180mm (2-9/16"x2-9/16"x7-1/8")
Net weight	0.32kg (0.7lbs)

Net weight: W/BL7010

Rechargeable Grab Light

ML705

Li-ion Ah 1.0



1W high luminance LED.

· Can be used at various places and forms by flexible legs.
· Belt clip is provided.
· Rubberized soft grip.
· Very portable with palm-size.



7.2V

Continuous use (minutes)	300
Dimensions (L x W x H)	115x46x40mm (4-1/2"x1-13/16"x1-9/16")
Net weight	0.24kg (0.53lbs)

Dimensions: without Flexible leg. Battery and charger are sold separately.

Others

Battery & charger time reference chart P.14



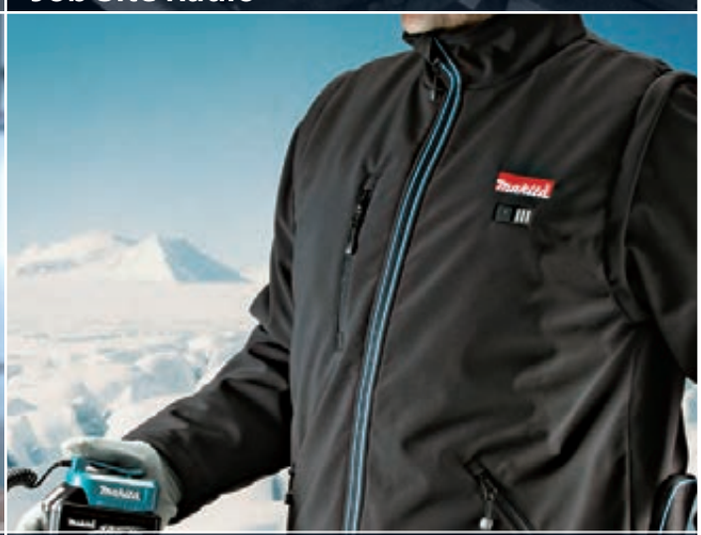
Job Light



Job Site Radio



Fan



Heated Jacket

Corded and Cordless LED Worklight

DML805 18V, 14.4V



LED work light powered by 18V/14.4V Li-ion battery and AC.

- 360°adjustable knob enables the light section to be rotated 360°up and down.
- Compatible with tripod stand.
- Battery capacity warning function.



18V 14.4V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Continuous use (hours)	*10.5*
Dimensions (L x W x H)	*220x255x340mm (8-5/8"x10-1/4"x13-3/8")*
Net weight	*1.9kg (4.2lbs)*

Battery and charger are sold separately.

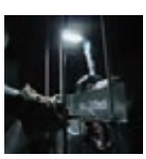
LED Flashlight

DML801 18V, 14.4V



Rotatable and foldable light head enables to use this product as a compact stationary flashlight.

- 2 stage pushbutton switch enables to select full brightness (12 LEDs on) or half brightness (6 LEDs on).
- 12 LEDs for long continuous bright illumination.
- Convenient metal hook can be retracted and stored behind the light head.
- Ergonomically designed handle with rubberized soft grip.



18V 14.4V

● Shoulder strap with metal hook

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Continuous use (hours)	*9-3.0Ah,4-1.3Ah (18V) / 7-3.0Ah,3-1.3Ah (14.4V)*
Dimensions (L x W x H)	*380x79x116mm (15"x9-11/16"x4-9/16")*
Net weight	*0.68kg (1.5lbs)*

Dimensions (L x W x H) : Head light section / 55x55x55mm (2-3/16"x2-3/16"x2-3/16").
Battery and charger are sold separately.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

LED Flashlight

DML802 18V, 14.4V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99 A

High brightness 3.2W single LED.

· Compact size aluminum flashlight head gives an impression of heavy-duty product.
· 12 Position pivoting flashlight head.
· Strap hook can be installed on the upper or lowerposition in accordance with usage.
· Multi-faceted reflector controls the direction and spread of light cast from LED to provide a sharp round spot light with uniform high brightness.



18V 14.4V

● Strap hook

Continuous use (hours)	13-3.0Ah,6-1.3Ah (18V) / 9-3.0Ah,4-1.3Ah (14.4V)
Dimensions (L x W x H)	272x79x116mm (10-3/4"x3-1/8"x4-9/16")
Net weight	0.65kg (1.5lbs)

Length (L) : 256mm (10-1/8") with 1.3Ah battery BL1415 or BL1815, 272mm (10-3/4) with3.0Ah battery BL1430 or BL1830,
Height (H) : 99mm (3-7/8") with14.4V battery BL1415 or BL1430, 116mm (4-9/16") with 18V battery BL1815 or BL1830.
Battery and charger are sold separately.

LED Flashlight

DML806 18V, 14.4V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

new



P99 P

Twenty 0.5W white LEDs and 1W single LED flashlight.

· Compact design with ergonomic soft grip.
· 3 step switch to select brightness; Full 20LED/Half 10LED/1LED flashlight.



18V 14.4V

Continuous use (minutes)	LED light / Flash light : 390-3.0Ah/1680-3.0Ah
Overall length	348mm (13-1/2")
Net weight	1.0kg (2.2lbs)

Length (metal hook retracted), Overall length (with metal hook retracted).
Battery and charger are sold separately.

Rechargeable Job Site Light

DML184 18V, 14.4V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99 P

Fluorescent light provided with flash light.

· Rubberized grip.



18V 14.4V

● Hook, Strap

Continuous use (minutes)	Fluorescent light / Flash light : 200-3.0Ah / 900-3.0Ah
Overall length	370mm (14-1/2")
Net weight	0.73kg (1.6lbs)

Length (metal hook retracted), Overall length (with metal hook retracted).
Battery and charger are sold separately.

Rechargeable Flashlight

DML185

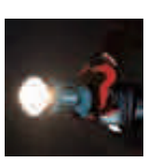
Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P99 P

Rubberized soft grip of ergonomic design.

· 4 position pivoting head with positive stops at 0, 45, 90, 110 degrees.
· Replacement xenon bulb stored in the head case.
· With overdischarge protection circuit.
· Falling impact strength of 1m enough to protect the bulb.
· For Li-ion battery 18V 3.0Ah BL1830.



18V

● Shoulder strap, Bulb

Continuous use (minutes)	260-3.0Ah
Overall length	284mm (11-1/8")
Net weight	0.74kg (1.63lbs)

Battery and charger are sold separately.

Rechargeable Flashlight

DML145

Li-ion Ah 4.0 3.0 1.5 1.3



P99 A

Rubberized soft grip of ergonomic design.

· 4 position pivoting head with positive stops at 0, 45, 90, 110 degrees.
· Replacement Krypton bulb stored in the head case.
· With overdischarge protection circuit.
· Falling impact strength of 1m enough to protect the bulb.
· For Li-ion battery 14.4V 3.0Ah BL1430.



14.4V

● Shoulder strap, Bulb

Continuous use (minutes)	220-3.0Ah
Overall length	284mm (11-1/8")
Net weight	0.68kg (1.50lbs)

Battery and charger are sold separately.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Others

Battery & charger time reference chart P.14

Rechargeable Flashlight — DML800 18V, 14.4V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



1W Single LED for bright illumination.

- Can be used as a stationary lamp by attaching the head light section to the battery holder section.
- No bulb replacement required thanks to the use of LED as the light source.
- With standard equipment of Non-slip rubber head strap, the head light section can be securely attached on hard hat for hands-free operation.
- 7 Position pivoting flashlight head.
- IPX-4 waterproof design. (Head light section only)



18V 14.4V

● Rubber head strap

Continuous use (hours)	20-3.0Ah,8.5-1.3Ah (18V) / 17-3.0Ah,7.5-1.3Ah (14.4V)
Dimensions (L x W x H)	151x76x88mm (5-15/16"x3"x3-1/2")
Net weight	0.58kg (1.3lbs)

Battery and charger are sold separately.

LED Flashlight — DML803 18V, 14.4V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



Robust design work light with high illuminance for dark construction site.

- Selectable high or low illuminance.
- 1.2m curl code and rotable hook behind the light enables to attach on worker's pocket.
- Battery holder has 2 ports so that battery can be mounted vertical position or horizontal position.(Battery holder accepts only one battery.)



18V 14.4V

Continuous use (hours)	24(16)-3.0Ah, 11(7)-1.3Ah (18V, Low(High)) / 18(12)-3.0Ah, 8(5)-1.3Ah (14.4V)
Dimensions (L x W x H)	133x81x72mm (5-1/4"x3-3/16"x2-13/16")
Net weight	0.58kg (1.3lbs)

Battery and charger are sold separately.

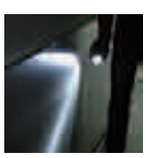
LED Flashlight — DML186

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



LED bulbs provide high efficiency and long life.

- Compact design for high portability.
- 6 high-efficiency LEDs for long continuous bright illumination.
- Adjustable hand strap with hook & loop fastener.



18V

Continuous use (hours)	50-3.0Ah / 25-1.3Ah
Dimensions (L x W x H)	151x81x61mm (5-7/8"x3-3/16"x2-3/8"")
Net weight	0.54kg (1.18lbs)

Height (H) : 61mm (2-3/8") with 1.3Ah battery BL1815, 78mm (3-1/16") with 3.0Ah battery BL1830.
Battery and charger are sold separately.

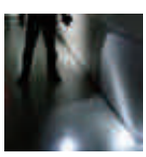
LED Flashlight — DML146

Li-ion Ah 4.0 3.0 1.5 1.3



LED bulbs provide high efficiency and long life.

- Compact design for high portability.
- 6 high-efficiency LEDs for long continuous bright illumination.
- Adjustable hand strap with hook & loop fastener.



14.4V

Continuous use (hours)	50-3.0Ah / 25-1.3Ah
Dimensions (L x W x H)	133x81x61mm (5-1/4"x3-3/16"x2-3/8")
Net weight	0.48kg (1.05lbs)

Height (H) : 61mm (2-3/8") with 1.3Ah battery BL1415, 78mm (3-1/16") with 3.0Ah battery BL1430.
Battery and charger are sold separately.

Cordless Fan — DCF300 18V, 14.4V / AC

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

new



330mm (13") fan delivers sufficient airflow in every corner of a large room at job site.

- Max. 220m/min. wind speed.
- Automatic swing fan.
- High/ Middle/ Low selectable 3 wind speeds.
- Metal front guard protects against rough handling at jobsites.
- Quiet operation : Frame structure is designed to reduce wind noise.



18V 14.4V

● AC adapter

Continuous use (minutes)	Hi : 55-3.0Ah, 25-1.3Ah (18V) / 50-3.0Ah,22-1.3Ah (14.4V) Mid : 90-3.0Ah, 40-1.3Ah (18V) / 80-3.0Ah, 35-1.3Ah (14.4V) Lo : 180-3.0Ah, 80-1.3Ah (18V) / 160-3.0Ah, 70-1.3Ah (14.4V)
Dimensions (L x W x H)	315x480x600mm (12-3/8"x18-7/8"x23-5/8")
Net weight	4.4kg (9.7lbs)

Battery and charger are sold separately.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Fan

DCF201 18V, 14.4V / AC



High/Low selectable wind speed.

- Dual power sources; AC adapter or Makita Li-ion batteries.
- Elastomer bumpers protect against rough handling in a jobsite.
- Robust design is suitable for jobsite use.
- Angle adjustable up to 45°.
- Automatic-off timer : 1 hour, 2 hours, 4 hours.



18V 14.4V

AC adapter

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Continuous use (minutes)	Hi : 100-3.0Ah, 45-1.3Ah (18V) / 90-3.0Ah, 40-1.3Ah (14.4V)
	Lo : 200-3.0Ah, 90-1.3Ah (18V) / 180-3.0Ah, 80-1.3Ah (14.4V)
Dimensions (L x W x H)	263x330x523mm (10-3/8"x13"x20-5/8")
Net weight	2.4kg (5.2lbs)

Battery and charger are sold separately.

Cordless Helmet Fan

DCF050 18V, 14.4V



Provides airflow into the hard hat or around the neckof user to quicken evaporation of the sweat.

- Compact and lightweight designof fan sectionachieved by using BLDC motor.
- Long continuous run time at normal speed mode.
- Elastic helmet strap with three anti-slip silicone pads on the back.
- Air direction flap enables to change the airflow direction.



18V 14.4V

Adapter (for mounting on a special type of hard hat)

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3

Air volume	Hi : 0.20 [18V] / 0.16 [14.4V]m^3/min
	Lo : 0.14 [18V] / 0.13 [14.4V]m^3/min
Air speed	Hi : 7.5 [18V] / 6.0 [14.4V]m/s
	Lo : 5.0 [18V] / 5.0 [14.4V]m/s
Continuous use (hours)	Hi : 10-3.0Ah, 4-1.3Ah [18V]/ 8-3.0Ah, 3-1.3Ah [14.4V]
	Lo : 20-3.0Ah, 9-1.3Ah [18V] / 17-3.0Ah, 7-1.3Ah [14.4V]
Dimensions (L x W x H)	141x74x88mm (5-9/16"x2-15/16"x3-1/2")
Net weight	0.57kg (1.3lbs)

Dimensions (L x W x H) : Fan section / 113x72x36mm (4-7/16"x2-13/16"x1-7/16").
Battery and charger are sold separately.

Job Site Radio

DMR106 7.2-18V / AC

new



Bluetooth

Job site radio equipped with Bluetooth class 2 and powered by Makita Li-ion batteries.

- Compatible with all Makita Li-ion batteries (7.2V-18V) including BL1413G and BL1813G.
- Dual Power Sources : AC or Makita batteries.
- USB port allows for charging a mobile device.
- Large Ø 89mm speaker provides high-quality sound.
- IPX-4 : Shower Proof withstands up to 5 minute exposure to rain.

AC power adaptor

Practical max output	7.2V: 0.5Wx2, 10.8V: 1.2Wx2, 14.4V: 2.2Wx2, 18V: 3.5Wx2
Frequency band	AM / FM : 522-1629kHz / 87.5-108 MHz
Dimensions (L x W x H)	257x163x431mm (10-1/8"x6-3/8"x17")
Net weight	4.2kg (9.3lbs)

Dimensions (with carry handle in upright position). Battery and charger are sold separately.

Job Site DAB • DAB+ Radio

DMR105 7.2-18V / AC



DAB+

Capable of receiving DAB / DAB+ (Digital Audio Broadcasts).

- Compatible with 7.2V Li-ion battery BL7010 / 10.8V Li-ion battery BL1013.
- Dual Power Sources : AC or Makita batteries.
- IPX-4 : Shower Proof withstands up to 5 minute exposure to rain.
- Elastomer bumpers protect against rough handling with falling impact strength of 1.0m.
- 2-speaker stereo system.



AC power adaptor

Practical max output	7.2V: 0.5Wx2, 9.6V: 1Wx2, 10.8V: 1.2Wx2, 12V: 1.5Wx2, 14.4V: 2.2Wx2, 18V: 3.5Wx2
Frequency band	FM / DAB / DAB+ :87.5-108MHz / 174.298-239.200(5A-13F)MHz / 174.298-239.200(5A-13F)MHz
Dimensions (L x W x H)	257x163x431mm (10-1/8"x6-3/8"x17")
Net weight	4.1kg (9.1lbs)

Dimensions (with carry handle in upright position). Battery and charger are sold separately.

Job Site DAB Radio

DMR104 7.2-18V / AC



DAB

Capable of receiving DAB (Digital Audio Broadcasts).

- Compatible with 7.2V Li-ion battery BL7010 / 10.8V Li-ion battery BL1013.
- Dual Power Sources : AC or Makita batteries.
- IPX-4 : Shower Proof withstands up to 5 minute exposure to rain.
- Elastomer bumpers protect against rough handling with falling impact strength of 1.0m.
- 2-speaker stereo system.



AC power adaptor

Practical max output	7.2V: 0.5Wx2, 9.6V: 1Wx2, 10.8V: 1.2Wx2, 12V: 1.5Wx2, 14.4V: 2.2Wx2, 18V: 3.5Wx2
Frequency band	FM / DAB :87.5-108MHz / 174.298-239.200(5A-13F)MHz
Dimensions (L x W x H)	257x163x431mm (10-1/8"x6-3/8"x17")
Net weight	4.1kg (9.1lbs)

Dimensions (with carry handle in upright position). Battery and charger are sold separately.

Others

Battery & charger time reference chart P.14, P.15, P87

Job Site Radio — DMR103B 7.2-18V / AC



Made for iPod iPhone

Trayless iPod/iPhone dock.

- Compatible with 7.2V Li-ion battery BL7010 / 10.8V Li-ion battery BL1013.
- Dual Power Sources : AC or Makita batteries.
- IPX-4 : Shower Proof withstands up to 5 minute exposure to rain.
- Elastomer bumpers protect against rough handling with falling impact strength of 1.0m.
- Flexible FM antenna can be removed and stored inside of the battery cover on the radio.



● AC adapter

Practical max output	*7.2V: 0.5Wx2, 9.6V: 1Wx2, 10.8V: 1.2Wx2, 12V: 1.5Wx2, 14.4V: 2.2Wx2, 18V: 3.5Wx2*
Frequency band	*AM / FM : 522-1629kHz / 87.5-108 MHz*
Dimensions (L x W x H)	*257x163x431mm (10-1/8"x6-3/8"x17")*
Net weight	*4.2kg (9.3lbs)*

Dimensions (with carry handle in upright position). Battery and charger are sold separately.

Job Site Radio — DMR102 7.2-18V / AC



Compatible with 7.2V Li-ion battery BL7010 / 10.8V Li-ion battery BL1013.

- Dual Power Sources : AC or Makita batteries.
- IPX-4 : Shower Proof withstands up to 5 minute exposure to rain.
- Elastomer bumpers protect against rough handling with falling impact strength of 1.0m.
- 2-speaker stereo system.
- Flexible FM antenna can be removed and stored inside of the battery cover on the radio.



● AC power adaptor

Practical max output	*7.2V: 0.5Wx2, 9.6V: 1Wx2, 10.8V: 1.2Wx2, 12V: 1.5Wx2, 14.4V: 2.2Wx2, 18V: 3.5Wx2*
Frequency band	*AM / FM : 522-1629kHz / 87.5-108 MHz*
Dimensions (L x W x H)	*257x163x431mm (10-1/8"x6-3/8"x17")*
Net weight	*4.1kg (9.0lbs)*

Dimensions (with carry handle in upright position). Battery and charger are sold separately.

Job Site DAB Radio — DMR101 9.6-24V / AC



DAB

Installing FM/DAB reciever.

- Dual Power Sources : AC or Makita batteries.
- Shower Proof withstands up to 5 minute exposure to rain.
- Bumpers and Metal Pipes protect against rough handling.
- 2 Speaker Stereo System : Max. Output Power 5W x2 (24V Battery), diameter 76mm (8 ohm) x2



● AC power adaptor

Practical max output	*9.6V: 0.8Wx2, 12V: 1.2Wx2, 14.4V: 2Wx2, 18V: 3Wx2, 24V: 5Wx2*
Frequency band	*FM / DAB :87.5~108MHz / 174 - 240MHz*
Dimensions (L x W x H)	*261x167x433mm (10-1/4"x6-9/16"x17")*
Net weight	*4.6kg (10.2lbs)*

Dimensions (with carry handle in upright position). Battery and charger are sold separately.

Job Site Radio — DMR100 9.6-24V / AC



Bumpers and Metal Pipes protect against rough handling.

- Shower Proof withstands up to 5 minute exposure to rain.
- Dual Power Sources : AC or Makita batteries.
- 2 Speaker Stereo System : Max. Output Power 5W x2 (24V Battery), diameter 76mm (8 ohm) x2
- Digital quartz display



● AC power adaptor

Practical max output	*9.6V: 0.8Wx2, 12V: 1.2Wx2, 14.4V: 2Wx2, 18V: 3Wx2, 24V: 5Wx2*
Frequency band	*AM / FM : 522-1629kHz / 87.5-108 MHz*
Dimensions (L x W x H)	*261x167x433mm (10-1/4"x6-9/16"x17")*
Net weight	*4.6kg (10.1lbs)*

Dimensions (with carry handle in upright position). Battery and charger are sold separately.

	18V Li-ion	14.4V Li-ion	10.8V Li-ion	7.2V Li-ion	18V G Li-ion	14.4V G Li-ion	24V Ni-MH	18V Ni-MH	14.4V Ni-MH	12V Ni-MH	9.6V Ni-MH	18V Ni-Cd	14.4V Ni-Cd	12V Ni-Cd	9.6V Ni-Cd
DMR106	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
DMR105 DMR104 DMR103B DMR102	✓	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
DMR101 DMR100	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓

1.1Ah Lithium-ion batteries and Stick batteries are not applicable for Job site Radio.

Flashlight Radio

DMR050 18V, 14.4V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



Cordless job site radio with 1.4W triple LED flashlight.

- Large speaker positioned in front for clear sound transmission to users.
- Push-button operated AM/FM digital tuner with LCD digital display.
- 6 Position pivoting light head.
- Rubberized soft grip.



18V 14.4V

- Strap

Continuous use (hours)	6 - 18V, 14.4V (3.0Ah) / 2.5 - 18V, 14.4V (1.3Ah)
Practical max output	2.0W-3.0Ah / 1.5W-1.3Ah
Frequency band	AM / FM : 522-1629kHz / 87.5-108 MHz
Dimensions (L x W x H)	263x75x179mm (10-3/8"x2-15/16"x7")
Net weight	0.95kg (2.1lbs)

Height (H) : 176mm (7") with 1.3Ah battery BL1815 or BL1415, 196mm (7-3/4") with 3.0Ah battery BL1830 or BL1430.
Battery and charger are sold separately.

Cordless Heated Jacket

DCJ200 18V, 14.4V

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



3 Heat zones-Left chest, right chest and back have each heating element.

- Zip-off sleeves: Removable sleeves for converting jacket into vest.
- On/off heat controller with 3 LEDs Indication.
- Back pocket on left side for Li-ion battery with Battery holder.
- Belt clip to attach 14.4V/ 18V battery with DCJ200's battery holder to belt on trousers.



18V 14.4V

- Battery holder with USB

Continuous use (hours)	Hi : 18V: 5, 14.4V: 3.5
	Mid : 18V: 9.5, 14.4V: 6.5
	Lo : 18V: 17, 14.4V: 12
Heating value	Hi : 8W
	Mid : 4.5W
	Lo : 2.3W
Size	S, M, L, XL, 2XL, 3XL
Net weight	1.5kg (3.3lbs)

Battery and charger are sold separately.









36V Lithium-ion



EXPAND YOUR LITHIUM-ION LINEUP

Li-ion Battery & Charger Time Reference, Compatibility Chart

36V Lithium-ion

Fast Charging System



2.6Ah BL3626 (194873-2)



Charging time 22min.

DC36RA for BL3626 only

Standard Charging System



2.2Ah BL3622A (195410-5)

with Battery fuel gauge



Charging time 60min.



DC36WA for BL3622A only

36V Lithium-ion

12.0 Ah





Backpack type BL36120A

DC3600



180 min.

Battery Converter

BCV01 (option)

Users, who have 2 units of 18V battery (BL1850, BL1840, BL1830, BL1820, BL1815N), can make use of 36V cordless tools with BCV01.

BVC01 is not applicable for Brushcutter and String Trimmer BBC231U / BBC300L / BC231UD / BC300LD/ BUN490 / UN490D / BUR360 / UR360D / BUX360 / UX360D

18V x 2 for tools powered by two 18V batteries



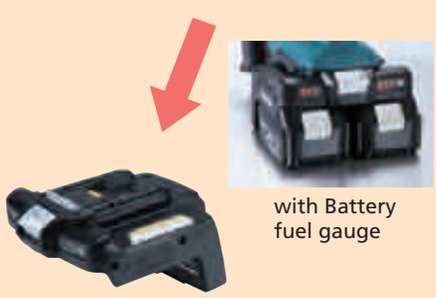
with Battery fuel gauge

Battery Converter

BCV03 (option)

Users, who have 2 units of 18V battery (BL1850, BL1840, BL1830, BL1820, BL1815N), can make use of 36V cordless tools with BCV03.

18V x 2 for tools powered by two 18V batteries



with Battery fuel gauge

Battery Adapter

BAP36N (option)

enables to separate the battery from the tool to reduce the tool weight for less hand and arm fatigue.

BAP36N is not applicable for Brushcutter and String Trimmer BBC231U / BBC300L / BC231UD / BC300LD/ BUN490 / UN490D / BUR360 / UR360D / BUX360 / UX360D

36V for tools powered by a 36V battery



Cordless tool

Battery & charger time reference chart P.77

Cordless Combination Hammer — BHR262T / HR262TD 26mm (1") Adapted for SDS-PLUS bits

Li-ion Ah 12 2.6 2.2 — 442





Quick change drill chuck

P99 F

Outstanding performance with 36V Lithium-ion battery.

- Vibration absorbing Handle and Good tool-balance provide more control and comfort while minimizing hand fatigue.
- BHR261T: Quick tool-less chuck change system.
- Elastomer to protect from external shock.
- Versatile 3 Mode Operation - hammering, hammering with rotation, rotation.
- LED job light with after glow function.



36V

Impact energy	2.5J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,800
No load speed (rpm)	0-1,200
Sound pressure level	92dB(A)
Sound power level	103dB(A)
Vibration level	hammer drilling: 15m/s²
	chiseling: 11m/s²
	drilling: 6.5m/s²
Dimensions (L x W x H)	387x104x235mm (15-1/4"x4-1/8"x9-1/4")
Net weight	4.8kg (10.6lbs)

Tool does not come with bit.

● Fast charger (BHR262T), Charger (HR262TD), Battery cartridge, Depth gauge, Side grip

Cordless Combination Hammer — BHR262 / HR262D 26mm (1") Adapted for SDS-PLUS bits

Li-ion Ah 12 2.6 2.2 — 442



P99 F

Outstanding performance with 36V Lithium-ion battery.

- Vibration absorbing Handle and Good tool-balance provide more control and comfort while minimizing hand fatigue.
- Elastomer to protect from external shock.
- Versatile 3 Mode Operation - hammering, hammering with rotation, rotation.
- LED job light with after glow function.



36V

Impact energy	2.5J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,800
No load speed (rpm)	0-1,200
Sound pressure level	91dB(A)
Sound power level	102dB(A)
Vibration level	hammer drilling: 13.5m/s²
	chiseling: 11m/s²
	drilling: 3m/s²
Dimensions (L x W x H)	363x104x235mm (14-1/4"x4-1/8"x9-1/4")
Net weight	4.5kg (9.9lbs)

Tool does not come with bit.

● Fast charger (BHR262), Charger (HR262D), Battery cartridge, Depth gauge, Side grip

Rechargeable Fluorescent Light — BML360

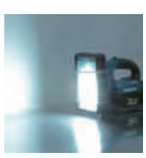
Li-ion Ah 12 2.6 2.2



P99 P

Wide and bright illumination.

- 4 positions pivoting light head.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- 27W flat double twin-tube compact fluorescent lamp.



36V

Continuous use (minutes)	210
Dimensions (L x W x H)	283x128x203mm (11-1/8"x5"x8")
Net weight	2.3kg (5.1lbs)

Battery and charger are sold separately.

Cordless Blower — BUB360 / UB360D

Li-ion Ah 12 2.6 2.2 — 430



High power and environment-friendly.

- Low noise.
- 2 speeds for many applications.
- Long nozzle.



36V

Air volume	Hi : 4.4m³/min
	Lo : 2.6m³/min
Air speed	Hi : 93m/s
	Lo : 57m/s
No load speed (rpm)	Hi : 17,000
	Lo : 10,000
Sound pressure level	81.2dB(A)
Sound power level	93.9dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	921x142x204mm (36-1/4"x5-5/8"x8")
Net weight	3.1kg (6.8lbs)

● Fast charger (BUB360), Charger (UB360D), Battery cartridge, Nozzle, Shoulder belt

Cordless Chain Saw — BUC250 / UC250D 250mm (10")

Li-ion Ah 12 2.6 2.2 — 442



P99 P

High power and environment-friendly.

- Kick-back brake.
- Toolless blade replacement.
- Automatic chain oiling.
- Chain blade pitch : 3/8" for sprocket nose bar, 1/4" for carving bar.



36V

Chain speed per minute	500m (1,640ft)
Guide bar length	250mm (10")
Saw chain	Pitch : 3/8" or 1/4"
Chain oil tank	85ml
Sound pressure level	87.3dB(A)
Sound power level	95.3dB(A)
Vibration level	7.0m/s²
Dimensions (L x W x H)	576x239x200mm (22-3/4"x9-3/8"x7-7/8")
Max. output	0.70kW
Net weight	4.5kg (9.9lbs)

● Fast charger (BUC250), Charger (UC250D), Battery cartridge, Guide bar cover, Oil supply, File

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Chain Saw

BUC300 / UC300D 300mm (12")

Li-ion Ah 12 2.6 2.2 — 442



P99

High power and environment-friendly.

· Kick-back brake.
· Toolless blade replacement.
· Automatic chain oiling.
· Chain blade pitch : 3/8" for sprocket nose bar, 1/4" for carving bar.



36V

Chain speed per minute	500m (1,640ft)
Guide bar length	300mm (12")
Saw chain	Pitch : 3/8" or 1/4"
Chain oil tank	85ml
Sound pressure level	87.3dB(A)
Sound power level	95.3dB(A)
Vibration level	6.3m/s²
Dimensions (L x W x H)	626x239x200mm (24-5/8"x9-3/8"x7-7/8")
Max. output	0.70kW
Net weight	4.6kg (10.1lbs)

● Fast charger (BUC300), Charger (UC300D), Battery cartridge, Guide bar cover, Oil supply, File

Cordless Hedge Trimmer

BUH550 / UH550D 550mm (21-5/8")

Li-ion Ah 12 2.6 2.2 — 442



P99

High maneuverability and environment-friendly.

· Rotatable rear handle.
· Good balance of weight.
· Low noise.



36V

Blade length	550mm (21-5/8")
Strokes per minute (spm)	2,000-3,600
Tooth spacing	36mm (1-7/16")
Sound pressure level	85.1dB(A)
Sound power level	93.1dB(A)
Vibration level Front handle	2.8m/s²
Vibration level Rear handle	2.8m/s²
Dimensions (L x W x H)	1,070x220x190mm (42"x8-5/8"x7-1/2")
Max. output	0.32kW
Net weight	5.1kg (11.2lbs)

● Fast charger (BUH550), Charger (UH550D), Battery cartridge, Blade cover

Cordless Hedge Trimmer

BUH650 / UH650D 650mm (25-1/2")

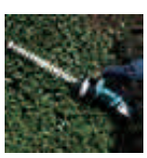
Li-ion Ah 12 2.6 2.2 — 442



P99

High maneuverability and environment-friendly.

· Rotatable rear handle.
· Good balance of weight.
· Low noise.



36V

Blade length	650mm (25-1/2")
Strokes per minute (spm)	2,000-3,600
Tooth spacing	36mm (1-7/16")
Sound pressure level	84.3dB(A)
Sound power level	92.3dB(A)
Vibration level Front handle	3.3m/s²
Vibration level Rear handle	3.0m/s²
Dimensions (L x W x H)	1,150x220x190mm (45-1/4"x8-5/8"x7-1/2")
Max. output	0.32
Net weight	5.2kg (11.5lbs)

● Fast charger (BUH650), Charger (UH650D), Battery cartridge, Blade cover

Cordless Pole Hedge Trimmer

BUN490 / UN490D

Li-ion Ah 2.6 2.2

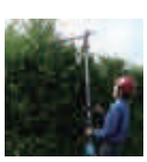


BL MOTOR

P99

Cordless pole hedge trimmer with adjustable angle head powered by BL3626/BL3622A.

· 180° foldable hedge trimmer head for easy transport and storage.
· 490mm double-sided blade with 3 sharpened edges.
· 45°tilt-up to 90°tilt-down angle adjustable hedge trimmer head.
· High/low 2-speed selection with variable speed in each range.



36V

Strokes per minute (spm)	Hi : 4,000 Lo : 2,800
Tooth spacing	35mm (1-3/8")
Sound pressure level	82.9dB(A)
Sound power level	93.2dB(A)
Vibration level Front handle	5.5m/s²
Vibration level Rear handle	2.0m/s²
Dimensions (L x W x H)	2,595x226x211mm (100-3/16"x8-7/8"x8-5/16")
Max. output	0.30kW
Net weight	6.9kg (15.2lbs)

Dimentions and Net weight are with Battery BL3626.

● Fast charger (BUN490), Charger (UN490D), Blade cover, Tool set, Oil set

Cordless Lawn Mower

BLM430 / LM430D 430mm(17")

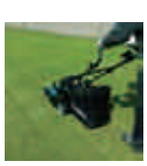
Li-ion Ah 2.6 2.2



P99

High maneuverability and environment-friendly.

· The handle height is selectable in two stages.
· Folding handle for compact storage.



36V

Cutting width	430mm (17")
Cutting height	20-75mm (13/16-2-15/16")
No load speed (rpm)	3,600
Recommended mowing area	BLM430 : 300-600m² LM430D : 250-500m²
Grass box capacity	50L
Dimensions (L x W x H)	1,450x460x950mm (57"x18-1/8"x37-1/2")
Max output	0.58kW
Net weight	17.9kg (39.4lbs)

● Fast charger (BLM430), Charger (LM430D), Battery cartridge, Wrench, Blade

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.77

Cordless Lawn Mower

BLM381 / LM381D 380mm(15")

Li-ion Ah 2.6 2.2

new



High maneuverability and enviroment-friendly.

· Light-weight glass box.
· XPT(eXtreme Protection Technology).



36V

Cutting width	380mm (15")
Cutting height	25-75mm (1-2-15/16")
No load speed (rpm)	3,700
Recommended mowing area	BLM381 : 230-460m²
	LM381D : 200-400m²
Grass box capacity	40L
Dimensions (L x W x H)	1,145x465x1,023 - 1,070mm
	(45"x18-1/4"x40-1/4" - 42")
Net weight	15.0kg (33.3lbs)

XPT EXTREME PROTECTION TECHNOLOGY

P99

● Fast charger (BLM381), Charger (LM381D), Battery cartridge, Wrench, Blade

Cordless Multi Function Power Head

BUX360 / UX360D

Li-ion Ah 12 2.6 2.2



High maneuverability and environment-friendly.

· Multi-tool system consisting of the power head and versatile optional attachments.
· Easy to change the attachments.



36V

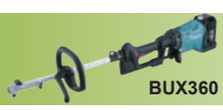
No load speed (rpm)	Hi : 0-9,700
	Lo : 0-7,600
Dimensions (L x W x H)	1,019x323x211mm (40"x12-3/4"x8-5/16")
Max. output	0.30kW
Net weight	4.6kg (10.2lbs)

BL MOTOR

P99

● Fast charger (BUX360), Charger (UX360D), Battery cartridge, Harness, Hex wrench, Accessory bag

Multi-tool system



BUX360 / UX360D

Able to meet a wide range of needs with only one power head (BUX360 / UX360D) and various attachments





Brushcutter
EM401MP / EM402MP



Pole saw
EY401MP



Pole hedge trimmer
EN401MP



Cultivator
KR400MP

Edger
EE400MP

Coffee harvester
EJ400MP

Shaft extension attachment
LE400MP

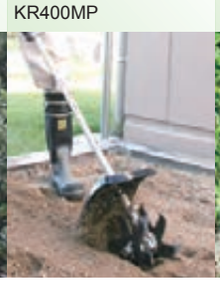
Length: 1,080mm (42-1/2")

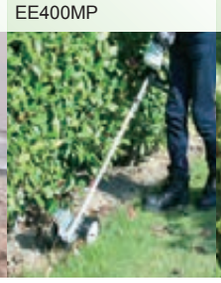
For Pole saw, Pole hedge trimmer and Coffee harvester













Cordless Brushcutter

BBC231U / BC231UD

Li-ion Ah 2.6 2.2



Human and environment-friendly by zero exhaust emission.

· Extremely low noise and low vibration.
· Maintenance-free due to brushless DC motor.
· Reverse switch for easy removal of grass clippings stuck.
· Ergonomic handle bar of asymmetric design.
· Red LED lamp for low battery capacity or overload.



36V

No load speed (rpm)	Hi : 0-7,300
	Lo : 0-5,300
Spindle size	M10 x 1.25LH
Sound pressure level	79.7dB(A)
Sound power level	93.6dB(A)
Vibration level Left handle	1.4m/s²
Vibration level Right handle	1.1m/s²
Dimensions (L x W x H)	1,880x620x490mm (74"x24-3/8"x19-1/4")
Max. output	0.50kW
Net weight	7.1kg (15.7lbs)

BL MOTOR

P99

● Fast charger (BBC231U), Charger (BC231UD), Battery cartridge, Blade, Universal guard, Shoulder harness with double shoulder strap, Wrenches

Battery & charger time reference chart P.77

Cordless String Trimmer

BBC300L / BC300LD

Li-ion Ah 12 2.6 2.2



BL MOTOR

P99

Human and environment-friendly by zero exhaust emission.

· Extremely low noise and low vibration.
· Maintenance-free due to brushless DC motor.
· Reverse switch for easy removal of grass clippings stuck.
· Ergonomically designed large loop handle.
· Red LED lamp for low battery capacity or overload.



36V

No load speed (rpm)	Hi : 0-6,600 Lo : 0-4,900
Spindle size	M10 x 1.25LH
Sound pressure level	79.3dB(A)
Sound power level	91.3dB(A)
Vibration level Front handle	1.7m/s²
Vibration level Rear handle	1.1m/s²
Dimensions (L x W x H)	1,850x340x325mm (73"x13-3/8"x12-3/4")
Max. output	0.50kW
Net weight	5.9kg (13.0lbs)

● Fast charger (BBC300L), Charger (BC300LD), Battery cartridge, Nylon cutting lead, Universal guard, Shoulder harness with single shoulder strap, Wrenches

Cordless String Trimmer

BUR360 / UR360D

Li-ion Ah 12 2.6 2.2



BL MOTOR

P99

Human and environment-friendly by zero exhaust emission.

· Extremely low noise and low vibration.
· Maintenance-free due to brushless DC motor.
· Reverse switch for easy removal of grass clippings stuck.
· Ergonomically designed large loop handle.
· Red LED lamp for low battery capacity or overload.



36V

No load speed (rpm)	Hi : 0-7,000 Lo : 0-5,100
Spindle size	M8 (RH)
Sound pressure level	82dB(A)
Sound power level	90dB(A)
Vibration level	5.5m/s²
Dimensions (L x W x H)	1,720x295x420mm (67-3/4"x11-5/8"x16-1/2")
Max. output	0.30kW
Net weight	5.1kg (11.2lbs)

Dimentions and Net weight are with Battery BL3626.

● Fast charger (BUR360), Charger (UR360D), Battery cartridge, Nylon cutting head, Wrenches, Accessory bag, Pin(lock key)

Cordless Cultivator

BUK360 / UK360D

Li-ion Ah 2.6 2.2



High maneuverability and environment-friendly.

· 3 stages adjustable handle.
· Folding handle for compact shortage.
· Low noise.



36V

Capacity	Width : 350/ 225mm (13-3/4"/ 8-7/8")
Blade diameter	245mm (9-5/8")
Dimensions (L x W x H)	1,193x488x998mm (47"x19-1/4"x39-1/4")
Max. output	0.72kW
Net weight	23.3kg (51.4lbs)

● Fast charger (BUR360), Charger (URK360D), Battery cartridge, Tray set, Holder

Cordless Olive Harvester

BHL360 / HL360D

Li-ion Ah 12 2.6 2.2

new



Telescopic extension rod adjustable in length from 2.15m to 3.1m provides extended reach.

· Main unit with Telescopic extension rod weighs only 1.7kg.
· 1.5hour continuous use with a single full charge of battery BL3636.
· Battery holder for hooking the battery on belt.

36V

Swing width	240 - 355mm (9-1/2 - 14")
Prong of the shaker comb	Number : 8
Adjustable length of Telescopic extension rod	950mm (37-1/2")
Continuous use (hours)	BHL360 : 1.5 HL360D : 1.3 (BL3622A)
Dimensions (L x W x H)	2,150 - 3,100x240 - 355x275mm (84-1/2" - 122"x9-1/2" - 14"x10-7/8")
Net weight	3.5kg (7.6lbs)

Net weight : with Telescopic extension rod

18V
Lithium-ion



14.4V
Lithium-ion



Cordless Driver Drill

DF457D 13mm (1/2")

Li-ion Ah 1.3 1.1



P99 A

18V lithium-ion battery & charger system.

- Compact and lightweight design with 1.1Ah battery.
- All metal gear construction ensures high transmission durability.
- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- Ergonomically designed rubberized soft grip provides more control and comfort.



18V

Charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 13mm (1/2")
	Wood : 36mm (1-7/16")
No load speed (rpm)	Hi : 0-1,400
	Lo : 0-400
Max. fastening torque	Hard / Soft : 42 / 24N·m
Dimensions (L x W x H)	221x83x240mm (8-3/4"x3-1/4"x9-1/2")
Net weight	1.7kg (3.7lbs)

Cordless Hammer Driver Drill

HP457D 13mm (1/2")

Li-ion Ah 1.3 1.1



P99 A

18V lithium-ion battery & charger system.

- All metal gear construction ensures high transmission durability.
- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- Ergonomically designed rubberized soft grip provides more control and comfort.



18V

Charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 13mm (1/2")
	Wood : 36mm (1-7/16")
	Masonry : 13mm (1/2")
Impacts per minute (ipm)	Hi : 0-21,000
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-1,400
	Lo : 0-400
Max. fastening torque	Hard / Soft : 42 / 24N·m
Dimensions (L x W x H)	239x83x240mm (9-3/8"x3-1/4"x9-1/2")
Net weight	1.7kg (3.8lbs)

Cordless Impact Driver

TD127D

Li-ion Ah 1.3 1.1



P99 A

Max. fastening torque 140N.m.

- LED Job light with pre-glow function.
- Variable speed control by trigger.
- Ergonomically designed rubberized soft grip provides more control and comfort.



18V

Charger, Battery cartridge

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M12 (3/16" - 1/2")
	Coarse thread (in length):
	22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,300
Max. fastening torque	140N·m (1,240in.lbs)
Dimensions (L x W x H)	173x82x225mm (6-13/16"x3-1/4"x8-7/8")
Net weight	1.5kg (3.2lbs)

Cordless Jig Saw

JV183D

Li-ion Ah 1.3 1.1



P99 B

Change lever for 3 orbital setting and straight cutting.

- Rigid aluminum base bevels 0°to 45°left and right.
- Variable speed control by dial.
- Connectable to Vacuum cleaner.
- Compact and Lightweight.



18V

Charger, Battery cartridge x2, Jig saw blade (No. B-10), Hex wrench

Capacity	Wood : 65mm (2-9/16")
	Steel : 6mm (1/4")
Length of stroke	18mm (11/16")
Strokes per minute (spm)	0-2,900
Dimensions (L x W x H)	248x76x196mm (9-3/4"x3"x7-3/4")
Net weight	2.0kg (4.3lbs)

Rechargeable Flashlight

ML187 18V, 14.4V

Li-ion Ah 1.3 1.1



9 LEDs for Wide and bright illumination.

- 9 LEDs provide approximately 15 hours of continuous illumination on a single full battery charge.
- 4 Position pivoting flashlight head.
- Ergonomically designed handle with rubberized soft grip.



18V 14.4V

Shoulder strap

Continuous use (hours)	15
Dimensions (L x W x H)	313x84x118mm (12-3/8"x3-5/16"x4-5/8")
Net weight	0.68kg (1.50lbs)

Battery and charger are sold separately.

Cordless Cleaner — CL183D

Li-ion Ah 1.3 1.1

new



P99

Lightweight, but with strong suction power.

- Ergonomic handle with easy on/off trigger switch.
- Qucik dust disposal

Capacity	600mL
Max. air flow	1.2m³ / min
Tooth spacing	24
Continuous use (minutes)	2.2kPa (220mmH2O)
Max. sealed suction (water colum)	82.1dB(A)
Dimensions (L x W x H)	454x102x148mm (17-7/8"x4"x5-7/8")
Net weight	1.10kg (2.5lbs)



18V

● Charger, Battery cartridge, Blade cover, Nozzle assembly, Sash nozzle, Pipe, Filter (factory-mounted)

Cordless Hedge Trimmer — UH422D 420mm (16-1/2")

Li-ion Ah 1.3 1.1



P99

User-replaceable blade.

- Anti-vibration structure,5 cushions to absorb vibration from blade and motor-crank section.
- Rubberized soft grip provides comfortable and sure grip.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.

Blade length	420mm (16-1/2")
Strokes per minute (spm)	2,700
Tooth spacing	26mm (1")
Sound pressure level	74dB(A)
Sound power level	82.1dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	829x195x193mm (32-5/8"x7-5/8"x7-5/8")
Net weight	3.0kg (6.6lbs)



18V

● Charger, Battery cartridge, Blade cover

Cordless Hedge Trimmer — UH482D 480mm (18-7/8")

Li-ion Ah 1.3 1.1



P99

User-replaceable blade.

- Anti-vibration structure,5 cushions to absorb vibration from blade and motor-crank section.
- Rubberized soft grip provides comfortable and sure grip.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.

Blade length	480mm (18-7/8")
Strokes per minute (spm)	2,700
Tooth spacing	26mm (1")
Sound pressure level	75dB(A)
Sound power level	82.8dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	879x195x193mm (34-1/2"x7-5/8"x7-5/8")
Net weight	3.0kg (6.7lbs)



18V

● Charger, Battery cartridge, Blade cover

Cordless Hedge Trimmer — UH522D 520mm (20-1/2")

Li-ion Ah 1.3 1.1



P99

User-replaceable blade.

- Anti-vibration structure,5 cushions to absorb vibration from blade and motor-crank section.
- Rubberized soft grip provides comfortable and sure grip.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.

Blade length	520mm (20-1/2")
Strokes per minute (spm)	2,700
Tooth spacing	26mm (1")
Sound pressure level	75dB(A)
Sound power level	82.6dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	929x195x193mm (36-1/2"x7-5/8"x7-5/8")
Net weight	3.1kg (6.8lbs)



18V

● Charger, Battery cartridge, Blade cover

Cordless String Trimmer — UR180D

Li-ion Ah 1.3 1.1

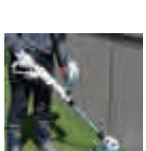


P99

Well balanced tool design.

- Adjustable loop-handle and telescopic pipe shaft.
- Adjustable cutting head.
- 5-position pivoting head.

Cutting width	260mm (10-1/4")
No load speed (rpm)	7,800
Sound pressure level	81dB(A)
Sound power level	88.5dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	1,229~1,433x267x257mm (48-1/2~56-1/2"x10-1/2"x10-1/8")
Net weight	2.9kg (6.4lbs)



18V

● Charger, Battery cartridge, Shoulder belt, Safety goggles, Nylon cutting head, Nylon cord

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Grass Shear

UM167D 160mm (6-5/16")

Li-ion Ah 1.3 1.1



P99 A

Both trimmer blade and shear blade can be attached.

- Toolless blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Cutting height is adjusted at 3 stages.(10mm,20mm,30mm)
- Durable shear blade with special coating.



18V

● Charger, Battery cartridge, Blade cover, Base frame

Cutting width	160mm (6-5/16")
Strokes per minute (spm)	2,500
Sound pressure level	74dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	343x176x130mm (13-1/2"x--15/16"x5-1/8")
Net weight	1.4kg (3.1lbs)

Cordless Driver Drill

DF347D 10mm (3/8")

Li-ion Ah 1.3 1.1



P99 A

14.4V Lithium-ion battery & charger system.

- Compact and lightweight design with 1.1Ah battery.
- All metal gear construction ensures high transmission durability.
- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- Ergonomically designed rubberized soft grip provides more control and comfort.



14.4V

● Charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 10mm (3/8")
	Wood : 25mm (1")
No load speed (rpm)	Hi : 0-1,400
	Lo : 0-400
Max. fastening torque	Hard / Soft : 30 / 15N·m
Dimensions (L x W x H)	198x83x235mm (7-3/4"x3-1/4"x9-1/4")
Net weight	1.4kg (3.2lbs)

Cordless Hammer Driver Drill

HP347D 10mm (3/8")

Li-ion Ah 1.3 1.1



P99 A

14.4V lithium-ion battery & charger system.

- All metal gear construction ensures high transmission durability.
- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- Ergonomically designed rubberized soft grip provides more control and comfort.



14.4V

● Charger, Battery cartridge, (+)(-) bit

Capacity	Steel : 10mm (3/8")
	Wood : 25mm (1")
	Masonry : 10mm (3/8")
Impacts per minute (ipm)	Hi : 0-21,000
	Lo : 0-6,000
No load speed (rpm)	Hi : 0-1,400
	Lo : 0-400
Max. fastening torque	Hard / Soft : 30 / 15N·m
Dimensions (L x W x H)	216x83x235mm (8-1/2"x3-1/4"x9-1/4")
Net weight	1.5kg (3.3lbs)

Cordless Impact Driver

TD126D

Li-ion Ah 1.3 1.1



P99 A

Max. fastening torque 135N.m.

- LED Job light with pre-glow function.
- Variable speed control by trigger.
- Ergonomically designed rubberized soft grip provides more control and comfort.



14.4V

● Charger, Battery cartridge

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M12 (3/16" - 1/2")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,400
Max. fastening torque	135N·m (1,200in.lbs)
Dimensions (L x W x H)	173x82x225mm (6-13/16"x3-1/4"x8-7/8")
Net weight	1.4kg (3.1lbs)

Cordless Jig Saw

JV143D

Li-ion Ah 1.3 1.1



P99 A

Change lever for 3 orbital setting and straight cutting.

- Rigid aluminum base bevels 0°to 45°left and right.
- Variable speed control by dial.
- Connectable to Vacuum cleaner.
- Compact and Lightweight.



14.4V

● Charger, Battery cartridge x2, Jig saw blade (No. B-10), Hex wrench

Capacity	Wood : 65mm (2-9/16")
	Steel : 6mm (1/4")
Length of stroke	18mm (11/16")
Strokes per minute (spm)	0-2,900
Dimensions (L x W x H)	245x76x196mm (9-5/8"x3"x7-3/4")
Net weight	1.9kg (4.2lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.15

Cordless Hedge Trimmer — UH420D 420mm (16-1/2")

Li-ion Ah 1.3 1.1



P99

User-replaceable blade.

- Anti-vibration structure.
- Ergonomically designed grips provides more control and comfort while minimizing hand fatigue.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.



14.4V

Charger, Battery cartridge, Blade cover

Blade length	420mm (16-1/2")
Strokes per minute (spm)	2,700
Tooth spacing	26mm (1")
Sound pressure level	75dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	823x195x193mm (32-1/2"x7-5/8"x7-5/8")
Net weight	2.9kg (6.4lbs)

Cordless Hedge Trimmer — UH480D 480mm (18-7/8")

Li-ion Ah 1.3 1.1



P99

User-replaceable blade.

- Anti-vibration structure.
- Ergonomically designed grips provides more control and comfort while minimizing hand fatigue.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.



14.4V

Charger, Battery cartridge, Blade cover

Blade length	480mm (18-7/8")
Strokes per minute (spm)	2,700
Tooth spacing	26mm (1")
Sound pressure level	75dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	873x195x193mm (34-3/8"x7-5/8"x7-5/8")
Net weight	3.0kg (6.6lbs)

Cordless Hedge Trimmer — UH520D 520mm (20-1/2")

Li-ion Ah 1.3 1.1



P99

User-replaceable blade.

- Anti-vibration structure.
- Ergonomically designed grips provides more control and comfort while minimizing hand fatigue.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.



14.4V

Charger, Battery cartridge, Blade cover

Blade length	520mm (20-1/2")
Strokes per minute (spm)	2,700
Tooth spacing	26mm (1")
Sound pressure level	75dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	923x195x193mm (36-1/4"x7-5/8"x7-5/8")
Net weight	3.0kg (6.7lbs)

Cordless String Trimmer — UR140D

Li-ion Ah 1.3 1.1



P99

Well balanced tool design.

- Adjustable loop-handle and telescopic pipe shaft.
- Adjustable cutting head.
- 5-position pivoting head.



14.4V

Charger, Battery cartridge, Shoulder belt, Safety goggles, Nylon cutting head, Nylon cord

Cutting width	260mm (10-1/4")
No load speed (rpm)	6,000
Sound pressure level	81dB(A)
Sound power level	88.5dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	1,229~1,433x267x257mm (48-1/2~56-1/2"x10-1/2"x10-1/8")
Net weight	2.9kg (6.3lbs)

Cordless Grass Shear — UM165D 160mm (6-5/16")

Li-ion Ah 1.3 1.1



P99

Both trimmer blade and shear blade can be attached.

- Toolless blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Cutting height is adjusted at 3 stages.(10mm,20mm,30mm)
- Durable shear blade with special coating.



14.4V

Charger, Battery cartridge, Blade cover, Base frame

Cutting width	160mm (6-5/16")
Strokes per minute (spm)	2,500
Sound pressure level	74dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	341x176x130mm (13-3/8"x6-15/16"x5-1/8")
Net weight	1.4kg (3.0lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Battery & Charger Time Reference Chart (in Minutes)

MAKSTAR

	24V Ni-MH	14.4V Ni-MH	12V Ni-MH	9.6V Ni-MH	DC18RC DC18RA 9.6V,12V 14.4V,18V	DC18SD 9.6V,12V 14.4V,18V	DC18SE (Automotive) 9.6V,12V 14.4V,18V	DC24WA 9.6V,12V,14.4V 18V,24V	DC24SA DC24SC 9.6V,12V,14.4V 18V,24V
3.1 Ah	BH2433 (193739-3)	BH1433 (193354-3)	BH1233 (193348-8) BH1233C (193930-3)	• BH9033A (193591-9) BH9033 (193636-3)	22 BH9033/A:30min.	70	70	70 BH2433:90min.	30 BH2433:60min. DC24SC-BH2433:50min.
1.8 Ah	BH2420 (193736-9)	BH1420 (193351-9)	BH1220 (193345-4) BH1220C (193928-0)	• BH9020A (193590-1) BH9020 (193631-3)	15 BH9020/A:20min.	40	40	40 BH2420:55min.	20 BH2420:30min.

	18V Ni-MH	14.4V Ni-MH	12V Ni-MH	9.6V Ni-MH	DC1414 7.2V,9.6V 12V,14.4V	DC1439 7.2V,9.6V 12V,14.4V	DC1422 (Automotive) 7.2V,9.6V 12V,14.4V	DC1822 (Automotive) 7.2V,9.6V,12V 14.4V,18V	DC1804 7.2V,9.6V,12V 14.4V,18V
2.8 Ah	1835 (193061-8)	1435 (193060-0)	1235 (193059-5) • 1235A (193221-2)	9135 (193058-7) • 9135A (193219-9)	70	27	100	70 1835:90min.	70
2.5 Ah	1834 (193102-0)	1434 (193101-2)	1234 (193100-4)	9134 (193099-3)	60	23	85	60 1834:75min.	60

	18V Ni-Cd	14.4V Ni-Cd	12V Ni-Cd	9.6V Ni-Cd					
1.9 Ah	1822 (192827-3)	1422 (192600-1)	1202 (192536-4) 1222 (192597-4) • 1202A (192537-2)	9102 (192534-8) 9122 (192595-8) • 9102A (192535-6)	45	14	70	45 1822:60min.	45
1.3 Ah	PA18 (194105-7)	PA14 (193985-8) 1420 (193062-6)	PA12 (193981-6) 1220 (192681-5)	PA09 (193977-7) 9120 (192638-6) 9100 (192019-4)	30	9	45	30	30

	9.6V Ni-MH	7.2V Ni-MH					
2.5 Ah	9034 (193889-4)	7034 (193888-6)	60	23	85	60	60

	9.6V Ni-Cd	7.2V Ni-Cd					
1.9 Ah	9002 (192533-0)	7002 (192532-2)	45	14	70	45	45
1.3 Ah	9000 (191681-2)	7000 (191679-9)	30	9	45	30	30

( ) Part No. • Power Display Type



Automatic Refreshing Adapter
ADP03 193682-6 (optional accessory).



Interchangeable adapter
ADP04 193947-6 (optional accessory).

Cordless Driver Drill (Ni- MH & Ni-cd Cluster Buttery)

Cordless Driver Drill

Mechanical 3-speed Makita's top-end heavy duty cordless series.



6349D

MXT 430 P99 A

	6349D 18V	6339D 14.4V	6319D 12V
Capacity	Steel : 13mm (1/2")	Steel : 13mm (1/2")	Steel : 13mm (1/2")
	Wood : 65mm (2-9/16")	Wood : 50mm (2")	Wood : 45mm (1-3/4")
No load speed (rpm)	3rd : 0-1,700	3rd : 0-1,700	3rd : 0-1,600
	2nd : 0-600	2nd : 0-600	2nd : 0-550
	1st : 0-300	1st : 0-300	1st : 0-300
Max. fastening torque	Hard / Soft : 80 / 40N.m	Hard / Soft : 70 / 32N.m	Hard / Soft : 65 / 31N.m
Dimensions	246x95x252mm	246x94x247mm	246x94x243mm
(L x W x H)	(9-11/16"x3-3/4"x9-7/8")	(9-11/16"x3-11/16"x9-3/4")	(9-11/16"x3-11/16"x9-9/16")
Net weight	2.6kg (5.7lbs)	2.4kg (5.2lbs)	2.3kg (5.1lbs)

● Fast Charger, Battery Cartridge, (+) (-) Bits 2, Side Grip

Cordless Driver Drill

Compact and lightweight design provides excellent control and maneuverability.



6391D

P99 A

	6391D 18V	6381D 14.4V	6281D 14.4V	6271D 12V	6261D 9.6V
Capacity	Steel : 13mm (1/2")	Steel : 13mm (1/2")	Steel : 10mm (3/8")	Steel : 10mm (3/8")	Steel : 10mm (3/8")
	Wood : 36mm (1-7/16")	Wood : 25mm (1")	Wood : 25mm (1")	Wood : 25mm (1")	Wood : 21mm (13/16")
No load speed (rpm)	Hi : 0-1,300	Hi : 0-1,300	Hi : 0-1,300	Hi : 0-1,300	Hi : 0-1,300
	Lo : 0-400	Lo : 0-400	Lo : 0-400	Lo : 0-400	Lo : 0-400
Max. fastening torque	Hard / Soft : 42 / 27N.m	Hard / Soft : 36 / 20N.m	Hard / Soft : 36 / 20N.m	Hard / Soft : 30 / 18N.m	Hard / Soft : 24 / 14N.m
Dimensions	216x97x252mm	200x95x240mm	192x95x240mm	192x95x240mm	192x79x240mm
(L x W x H)	(8-1/2"x3-13/16"x9-7/8")	(7-7/8"x3-3/4"x9-1/2")	(7-9/16"x3-3/4"x9-1/2")	(7-9/16"x3-3/4"x9-1/2")	(7-9/16"x3-1/8"x9-1/2")
Net weight	2.0kg (4.4lbs)	1.7kg (3.6lbs)	1.6kg (3.6lbs)	1.5kg (3.4lbs)	1.5kg (3.2lbs)

● Fast Charger, Battery Cartridge, (+) (-) Bit

Cordless Hammer Driver Drill

Mechanical 3-speed Makita's top-end heavy duty cordless series.



8444D

MXT 430 P99 A

	8444D 18V	8434D 14.4V	8414D 12V
Capacity	Steel : 13mm (1/2")	Steel : 13mm (1/2")	Steel : 13mm (1/2")
	Wood : 65mm (2-9/16")	Wood : 50mm (2")	Wood : 45mm (1-3/4")
	Masonry : 16mm (5/8")	Masonry : 14mm (9/16")	Masonry : 13mm (1/2")
Impacts per minute(ipm)	3rd : 0-25,500	3rd : 0-25,500	3rd : 0-24,000
	2nd : 0-9,000	2nd : 0-9,000	2nd : 0-8,250
No load speed (rpm)	1st : 0-4,500	1st : 0-4,500	1st : 0-4,500
	3rd : 0-1,700	3rd : 0-1,700	3rd : 0-1,600
	2nd : 0-600	2nd : 0-600	2nd : 0-550
	1st : 0-300	1st : 0-300	1st : 0-300
Max. fastening torque	Hard / Soft : 80 / 40N.m	Hard / Soft : 70 / 32N.m	Hard / Soft : 65 / 31N.m
Dimensions	259x95x252mm	259x94x247mm	259x94x243mm
(L x W x H)	(10-1/4"x9-3/4"x9-7/8")	(10-1/4"x3-11/16"x9-3/4")	(10-1/4"x3-11/16"x9-9/16")
Net weight	2.7kg (5.9lbs)	2.4kg (5.4lbs)	2.4kg (5.3lbs)

● (+) (-) Bits 2, Side Grip, Depth Gauge, Fast Charger, Battery Cartridge

Cordless Hammer Driver Drill

Compact and lightweight design provides excellent control and maneuverability.



8391D

P99 A

	8391D 18V	8381D 14.4V	8271D 12V
Capacity	Steel : 13mm (1/2")	Steel : 13mm (1/2")	Steel : 10mm (3/8")
	Wood : 36mm (1-7/16")	Wood : 25mm (1")	Wood : 25mm (1")
	Masonry : 13mm (1/2")	Masonry : 10mm (3/8")	Masonry : 8mm (5/16")
Impacts per minute(ipm)	Hi : 0-19,500	Hi : 0-19,500	Hi : 0-19,500
No load speed (rpm)	Lo : 0-6,000	Lo : 0-6,000	Lo : 0-6,000
	Hi : 0-1,300	Hi : 0-1,300	Hi : 0-1,300
	Lo : 0-400	Lo : 0-400	Lo : 0-400
Max. fastening torque	Hard / Soft : 42 / 27N.m	Hard / Soft : 36 / 20N.m	Hard / Soft : 30 / 18N.m
Dimensions	234x97x252mm	218x95x240mm	210x95x240mm
(L x W x H)	(9-1/4"x3-13/16"x9-7/8")	(8-9/16"x3-3/4"x9-1/2")	(8-1/4"x3-3/4"x9-1/2")
Net weight	2.1kg (4.6lbs)	1.7kg (3.8lbs)	1.6kg (3.6lbs)

● Fast Charger, Battery Cartridge, (+)(-) Bit

Cordless Impact Driver



6935FD

P99 B 434

	6935FD 14.4V	6980FD 12V
Capacity	Machine screw :	Machine screw :
	M4 - M8 (5/32" - 5/16")	M4 - M8 (5/32" - 5/16")
	Standard bolt :	Standard bolt :
	M5 - M14 (3/16" - 9/16")	M5 - M12 (3/16" - 15/32")
	High tensile bolt :	High tensile bolt :
	M5 - M12 (3/16" - 15/32")	M5 - M10 (3/16" - 3/8")
	Coarse thread (in length):	Coarse thread (in length):
	22 - 125mm (7/8" - 5")	22 - 125mm (7/8" - 5")
Impacts per minute (ipm)	0-3,200	0-3,200
No load speed (rpm)	0-2,600	0-2,600
Max. fastening torque	140N.m (1,240in.lbs)	125N.m (1,100in.lbs)
Overall length	163mm (6-3/8")	163mm (6-3/8")
Net weight	1.7kg (3.7lbs)	1.6kg (3.5lbs)

● Fast Charger, Battery Cartridge

Cordless Impact Wrench



6934FD

P99 D 434

	6934FD 14.4V	6918FD 12V
Capacity	Standard bolt :	Standard bolt :
	M8 - M16 (5/16" - 5/8")	M8 - M14 (5/16" - 9/16")
	High tensile bolt :	High tensile bolt :
	M6 - M12 (1/4" - 15/32")	M6 - M12 (1/4" - 15/32")
	square drive : 12.7mm(1/2")	square drive : 12.7mm(1/2")
Impacts per minute (ipm)	0-3,000	0-3,000
No load speed (rpm)	0-2,300	0-2,300
Max. fastening torque	140N.m (1,240in.lbs)	120N.m (1,064in.lbs)
Overall length	173mm (6-13/16")	173mm (6-13/16")
Net weight	1.7kg (3.7lbs)	1.6kg (3.5lbs)

● Charger and battery are sold separately. , (Tool does not come with socket.)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Angle Drill

Ergonomically engineered exterior design offers perfect balance in every application at tight areas.



▼DA312D / DA392D

P99 A

	DA312D 12V	DA392D 9.6V	DA391D 9.6V
Capacity	Steel : 10mm (3/8") Wood : 12mm (1/2") Wood screw : 4.5x20mm (3/16"x3/4")	Steel : 10mm (3/8") Wood : 12mm (1/2") Wood screw : 4.5x20mm (3/16"x3/4")	Steel : 10mm (3/8") Wood : 12mm (1/2") Wood screw : 4.5x20mm (3/16"x3/4")
No load speed (rpm)	0-800	0-800	0-800
Overall length	324mm (12-3/4")	324mm (12-3/4")	335mm (13-1/4")
Net weight	1.6kg (3.5lbs)	1.5kg (3.3lbs)	1.4kg (3.1lbs)

● Fast Charger, Battery Cartridge

Cordless Drill

Full of our very basic concepts of cordless drills.



P99 A

	6010D 7.2V
Capacity	Steel : 10mm (3/8") Wood : 10mm (3/8") Wood screw : 4.5x20mm (3/16"x3/4")
No load speed (rpm)	600
Overall length	227mm (9")
Net weight	1.2kg (2.6lbs)

● Chuck Key, Phillips Bit

Cordless Threaded Rod Cutter

Precise and quick threaded-rod cutting without dust, spark and noise.



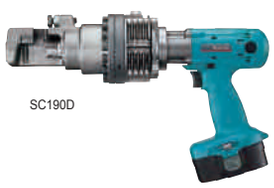
P99 P

	SC120D 12V
Capacity	Steel : 8,10,12mm (5/16,3/8,15/32")
Cutting speed (seconds)	2.5
Overall length	316mm (12-1/2")
Net weight	4.0kg (8.8lbs)

● Fast Charger, Battery Cartridge, Wrench, Hex Wrench (3psc.), Oil 35 c.c.

Cordless Steel Rod Cutter

Precise and quick threaded-rod cutting without dust, spark and noise.



434

P99 P

	SC190D 18V	SC161D 18V	SC130D 12V
Capacity	Diameter : 3-19mm(1/8-3/4")	Diameter : 3-16mm (1/8-5/8")	Round workpiece (dia) : 3-13mm (1/8-1/2")
Cutting speed (seconds)	6	4	4
Overall length	430mm (16-15/16")	394mm (15-1/2")	312mm (12-5/16")
Net weight	10.5kg (23.1lbs)	6.8kg (15.0lbs)	4.0kg (8.8lbs)

● Fast Charger, Battery Cartridge, Wrench, Hex Wrench (4psc.), Oil 35 c.c.

Cordless Circular Saw

Optimum for cutting wood.



P99 M

	5094D 14.4V
Max cutting capacity	at 0 degrees : 24.5mm (15/16") at 45 degrees : 18mm (11/16") Square drive : 85mm(1/2")
No load speed (rpm)	1,000
Overall length	320mm (12-5/8")
Net weight	2.0kg (4.4lbs)

● Fast Charger, Battery Cartridge,
Carbide-Tipped Saw Blade, Rip Fence, Hex Wrench

Cordless Grinder

Optimum for light debarring, rust and paint removal, metal cleaning and sharpening.



P99 J

	9500D 7.2V
Wheel diameter	100mm (4")
No load speed (rpm)	5,500
Overall length	225mm (8-7/8")
Net weight	1.0kg (2.2lbs)

● Hex Wrench, Depressed Centrewheel,
Battery and Charger are sold separately.

Rechargeable Flashlight

4 position pivoting head.



P99 P

	ML120 12V	ML903 9.6V	ML902 9.6V	ML702 7.2V
Continuous use (minutes)	160-2.0Ah	200-2.0Ah	200-2.0Ah	200-2.0Ah
Overall length	272mm (10-11/16")	254mm (10")	325mm (12-3/4")	283mm (11-1/8"")
Net weight	0.93kg (2.05lbs)	0.78kg (1.71lbs)	0.75kg (1.65lbs)	0.57kg (1.26lbs)

● Carrying Strap, Bulbs 2 (Battery and Charger are sold separately.)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.



Cordless Screwdriver — 6723D



P99 A

Convertible: straight form or pistol form.

· LED job light can be turned on/off with an independent switch.



4.8V

Quick charger, Bit set

No load speed (rpm)	220
Max. fastening torque	4.5N·m (40in.lbs)
Dimensions (L x W x H)	292x49x60mm (11-1/2"x1-15/16"x2-3/8")
Net weight	0.42kg (0.93lbs)

Battery Powered Pruning Shear — 4604D



P99 P

Cuts 10,000 times for 25mm (1") diameter branches per full charge thanks to 24V, 3.0 Ah Ni-Cd battery.

· Only 0.4 second for cutting one branch of 25mm (1") diameter.
· Rubber grip with slim size for comfortable work.
· Lock-off button to prevent accidental start.



24V

Fast charger DC4600, Battery 4600, Socket wrench 3-13 (with hex wrench), Arm band, Battery support belt, Oil supply, Controller, Connection cord, Holster, Shear blade (U)

Capacity	Max. cutting : 30mm (1-3/16")
Overall length	286mm (11-1/4")
Net weight	3.8kg (8.4lbs)

Cordless Cleaner — CL105D / CL104D

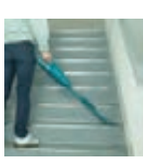
new ◀ CL105D



P99 P

Cordless cleaner powered by built-in 10.8V/1.3Ah(CL105D) 10.8V/1.5Ah(CL104D) Li-ion battery.

· Redesign of overall shape.
· High power.
· Turbo mode enables you higher suction.



10.8V

Charger, Battery cartridge, Nozzle assembly, Sash nozzle, Pipe, Filter (factory-mounted), Pre-filter (factory-mounted)

Capacity	500mL
Max. air flow	1.1m³ / min
Continuous use (minutes)	CL105D : 7 (Turbo), 10 (High), 20(Low) CL104D : 10 (Turbo), 15 (High), 30 (Low)
Max. sealed suction (water colum)	3.3kPa (340mmH2O)
Dimensions (L x W x H)	446x113x136mm (17-1/2"x4-7/16"x5-3/8")
Net weight	1.1kg (2.3lbs)

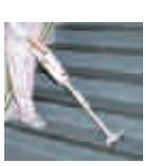
Cordless Cleaner — 4076D



P99 P

New T-nozzle with enhanced maneuverability.

· Angled suction port allows for easy floor cleaning without T-nozzle.
· Low noise level at 68 dB(A).
· Improved cloth dust bag and paper filter.
· Front cover designed for easy dust bag removal.
· Comfortable operation with slow stream of exhaust air.



7.2V

Quick charger, Paper filter x5, Nozzle assembly, Dust bag, Sash nozzle, Pipe

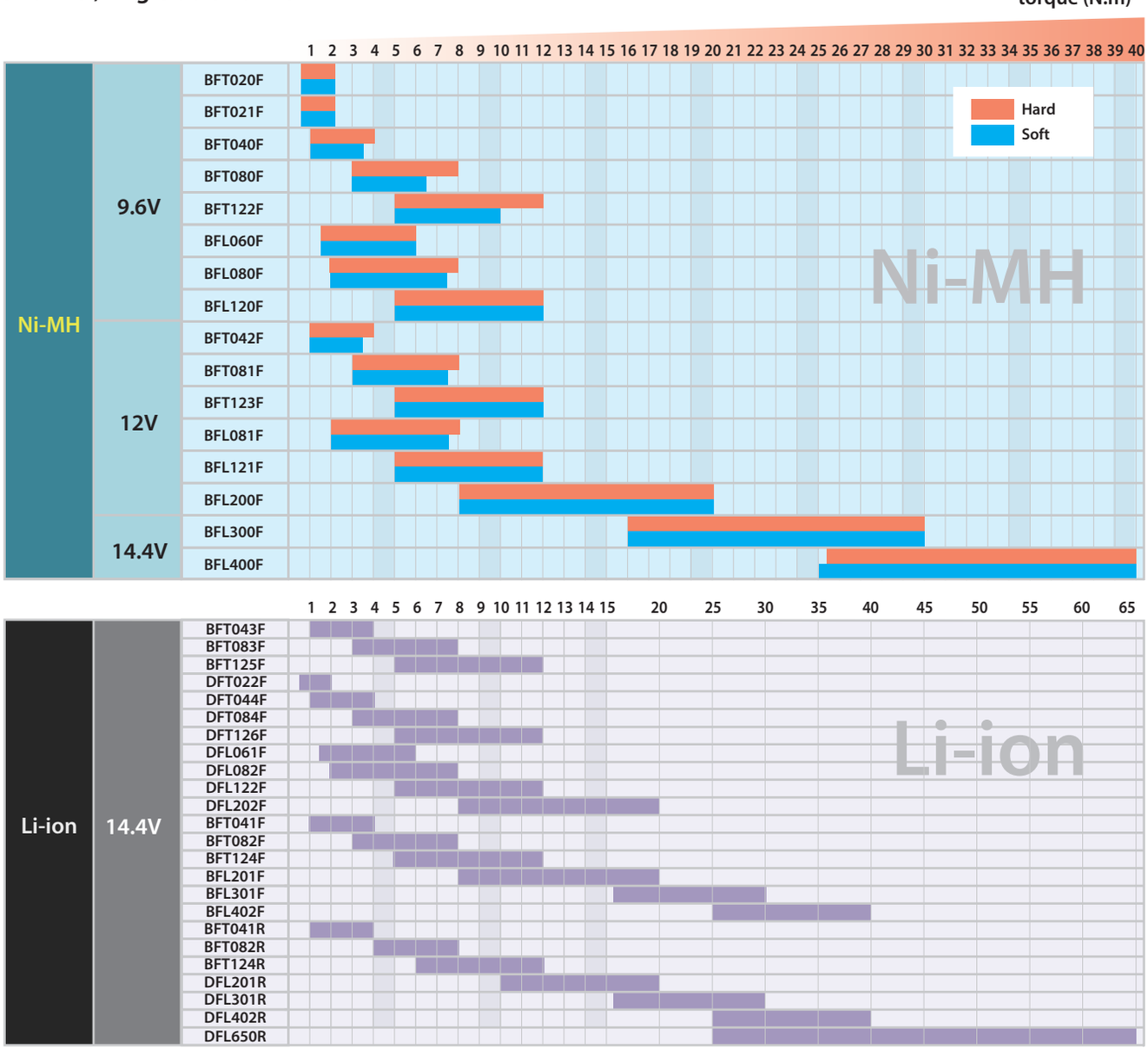
Capacity	500mL
Max. air flow	0.9m³ / min
Continuous use (minutes)	Hi : 10 Lo : 20
Max. sealed suction (water colum)	2.7kPa (270mmH2O)
Overall length	446mm (17-1/2")
Net weight	1.1kg (2.4lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

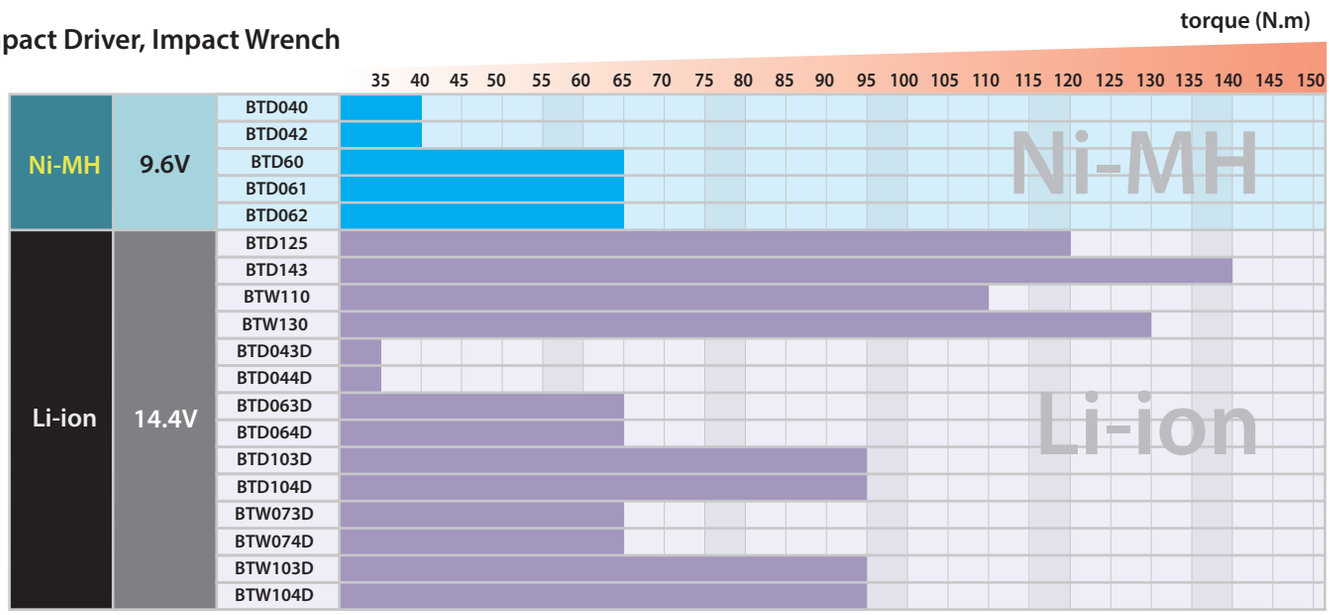
Cordless tools

CordlessTools for Industry

Screwdriver, Angle Screwdriver



Impact Driver, Impact Wrench



Torque Tracer

Makita Wireless Fastening Data Capture System

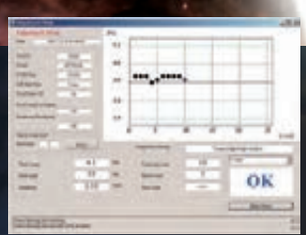


With TORQUE TRACER enables
- Torque Judge/angle monitor
- Torque Judge/angle judge
- Torque monitor/angle judge
- Torque monitor/angle monitor
- Rundown monitoring
- Double hit detection

Etc...



Multi language menu



Visible interface



Extraction data

Tool + Receiver + Your PC (Fastening Data Saving)

This system enables to transmit various fastening data from the tool and to save them in your PC via Receiver RCV02



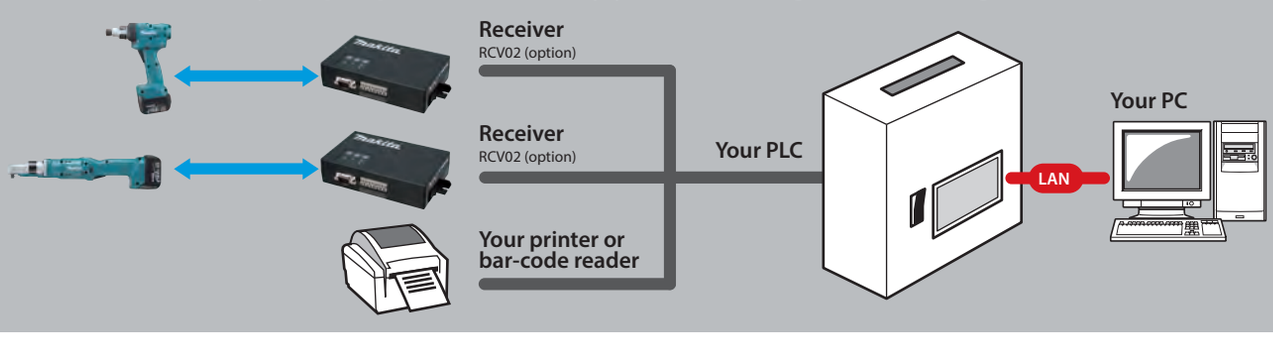
Fastening data can be temporarily saved in the tool when transmission is shut up ; up to nine data can be temporarily saved.

The followings are main data that can be transmitted:
Batch count
(Counting of the number of OK fastening processes)
Torque value*
Turning angle*
Tool ID
Error code
*Model BFT041R cannot transmit these data

The system uses one-to-one connection between the tool and Receiver
Equipped with :
*Output terminal for OK/NOK judgment of each fastening and Batch count (Counting of the number of OK fastening processes)
*Input terminal for resetting fastening process

By installing the software in CD-ROM SRCV02 on your PC, interface can be established between users and the tool, enabling to program and monitor the tool from the PC.
*The software is available in English and Italian
*Programmed settings can be protected by setting a password

Can be extended to your peripheral devices by your PLC (Programmable logic controller)



Bluetooth®

Highly Reliable Communication System by Bluetooth

interactive communication and a strong resistance against radio interference

14.4V 3.0Ah LITHIUM-ION

Cordless Screwdriver

BFT041RZ / BFT082RZ / BFT124RZ

Li-ion Ah 3.0 1.5



BL MOTOR

Torque Tracer

P99 A

Makita Wireless fastening data capture system enables transmit various fastening data.

- High torque accuracy.
- Anti-slip dimpled grip.
- Indication lamp and beeper to inform condition of fastening.
- Auto stop system for reduction for battery power.
- Brushless DC motor.



14.4V

Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	BFT041RZ : 800
	BFT082RZ : 860
	BFT124RZ : 600
Recommended torque	Hard / Soft :
	BFT041RZ : 1-4 / 1-4N·m
	BFT082RZ : 4-8 / 4-8N·m
	BFT124RZ : 6-12 / 6-12N·m
Dimensions (L x W x H)	191x72x266mm (7-1/2"x2-13/16"x10-1/2")
Net weight	1.5kg (3.3lbs)

Battery and charger are sold separately.

Cordless Angle Screwdriver

DFL201RZ

Li-ion Ah 4.0 3.0 1.5 1.3



BL MOTOR

Torque Tracer

P99 D

Makita Wireless fastening data capture system enables transmit various fastening data.

- High torque accuracy.
- Anti-slip dimpled grip.
- Indication lamp and beeper to inform condition of fastening.
- Auto stop system for reduction for battery power.
- Brushless DC motor.



14.4V

Capacity	Square drive : 9.5mm (3/8")
No load speed (rpm)	360
Max. fastening torque	Hard / Soft : 10-20 / 10-20N·m
Dimensions (L x W x H)	Pistol form : 429x72x98mm
	(16-7/8"x2-13/16"x3-7/8")
Net weight	1.7kg (3.8lbs)

Battery and charger are sold separately.

Cordless Angle Screwdriver

DFL301RZ / DFL402RZ

Li-ion Ah 4.0 3.0 1.5 1.3



BL MOTOR

Torque Tracer

P99 D

Makita Wireless fastening data capture system enables transmit various fastening data.

- High torque accuracy.
- Anti-slip dimpled grip.
- Indication lamp and beeper to inform condition of fastening.
- Auto stop system for reduction for battery power.
- Brushless DC motor.



14.4V

Capacity	Square drive : 9.5mm (3/8")
No load speed (rpm)	DFL301RZ : 260
	DFL402RZ : 200
Recommended torque	Hard / Soft :
	DFL301RZ : 16-30 / 16-30N·m
	DFL402RZ : 25-40 / 25-40N·m
Dimensions (L x W x H)	477x72x98mm (18-3/4"x2-13/16"x3-7/8")
Net weight	2.0kg (4.4lbs)

Battery and charger are sold separately.

Cordless Screwdriver

BFT043FZ / BFT083FZ / BFT125FZ

Li-ion Ah 3.0 1.5

434



P99 A

Ideal for soft joint applications in assembling lines, such as fastening rubber parts; gaskets,hoses,etc.

- High torque accuracy.
- Anti-slip dimpled grip.
- Indication lamp and beeper to inform condition of fastening.
- Auto stop system for reduction for battery power.
- Feature a built-in LED job light.



14.4V

Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	BFT043FZ / BFT083FZ : 80
	BFT125FZ : 150
Recommended torque	Hard / Soft :
	BFT043FZ : 1-4 / 1-4N·m
	BFT083FZ : 3-8 / 3-8N·m
	BFT125FZ : 5-12 / 5-12N·m
Dimensions (L x W x H)	200x72x255mm (7-7/8"x2-13/16"x10")
Net weight	1.5kg (3.3lbs)

Battery and charger are sold separately.

Cordless Screwdriver

DFT022FZ / DFT044FZ / DFT084FZ / DFT126FZ

Li-ion Ah 4.0 3.0 1.5 1.3

434



P99 A

High torque accuracy.

- Anti slip dimpled grip.
- Indication lamp and beeper to inform condition of fastening.
- Auto stop system for reduction for battery power.
- Not brushless DC motor .

14.4V

Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	DFT022FZ : 700
	DFT044FZ : 950
	DFT084FZ : 780
	DFT126FZ : 410
Recommended torque	Hard / Soft :
	DFT022FZ : 0.5-2 N·m
	DFT044FZ : 1-4N·m
	DFT084FZ : 3-8N·m
	DFT126FZ : 5-12N·m
Dimensions (L x W x H)	200x74x235mm (7-7/8"x2-15/16"x9-1/4")
Net weight	1.4kg (3.0lbs)

Battery and charger are sold separately.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Screwdriver — BFT041FZ / BFT082FZ / BFT124FZ

Li-ion Ah 3.0 1.5



High torque accuracy.

- Anti-slip dimpled grip.
- Indication lamp and beeper to inform condition of fastening.
- Auto stop system for reduction for battery power.
- Brushless DC motor.



14.4V

Driving shank (Hex)	6.35mm (1/4")
	BFT041FZ : 800
	BFT082FZ : 860
	BFT124FZ : 600
No load speed (rpm)	Hard / Soft :
Recommended torque	BFT041FZ : 1-4 / 1-4N·m
	BFT082FZ : 3-8 / 3-8N·m
	BFT124FZ : 5-12 / 5-12N·m
Dimensions (L x W x H)	191x72x266mm (7-1/2"x2-13/16"x10-1/2")
Net weight	1.5kg (3.3lbs)

Battery and charger are sold separately.

BL MOTOR

P99 A

Cordless Angle Screwdriver — DFL061FZ / DFL082FZ / DFL122FZ / DFL202FZ

Li-ion Ah 4.0 3.0 1.5 1.3

434



High torque accuracy.

- Anti slip dimpled grip.
- Indication lamp and beeper to inform condition of fastening.
- Auto stop system for reduction for battery power.
- Not brushless DC motor.

14.4V

Capacity	Square drive : 9.5mm (3/8")
No load speed (rpm)	DFL061FZ : 470
	DFL082FZ : 700
	DFL122FZ : 410
	DFL202FZ : 220
Recommended torque	Hard / Soft :
	DFL061FZ : 1.5-6N·m
	DFL082FZ : 2-8N·m
	DFL122FZ : 5-12N·m
	DFL202FZ : 8-12N·m
Dimensions (L x W x H)	405x74x98mm (16"x2-15/16"x3-7/8")
Net weight	1.5kg (3.4lbs)

Battery and charger are sold separately.

P99 D

Cordless Angle Screwdriver — DFL123FZ

Li-ion Ah 4.0 3.0 1.5 1.3



High speed for extra efficient fastening.

- Green indication lamp and beeper to inform of the completion of fastening.
- Restart ready system to avoid over driving.
- LED job light for more illuminated, accurate work.
- To prevent incomplete tightening, auto-stop system shuts off when battery power is low.
- Brushless DC motor.

14.4V

No load speed (rpm)	1,200
Recommended torque	Hard / Soft : 5-12/5-12N·m
Overall length	429mm (16-7/8")
Net weight	1.5kg (3.3lbs)

BL MOTOR

P99 D

Cordless Angle Screwdriver — BFL201FZ

Li-ion Ah 3.0 1.5



High torque accuracy.

- Anti-slip dimpled grip.
- Indication lamp and beeper to inform condition of fastening.
- Auto stop system for reduction for battery power.
- Brushless DC motor.



14.4V

Capacity	Square drive : 9.5mm (3/8")
No load speed (rpm)	360
Recommended torque	Hard / Soft : 8-20 / 8-20N·m
Dimensions (L x W x H)	429x72x98mm (16-7/8"x2-13/16"x3-7/8")
Net weight	1.7kg (3.8lbs)

Battery and charger are sold separately.

BL MOTOR

P99 D

Cordless Angle Screwdriver — BFL301FZ / BFL402FZ

Li-ion Ah 3.0 1.5



High torque accuracy.

- Anti-slip dimpled grip.
- Indication lamp and beeper to inform condition of fastening.
- Auto stop system for reduction for battery power.
- Brushless DC motor.



14.4V

Capacity	Square drive : 9.5mm (3/8")
No load speed (rpm)	BFL301FZ : 260
	BFL402FZ : 200
Recommended torque	Hard / Soft :
	BFL301FZ : 16-30 / 16-30N·m
	BFL402FZ : 25-40 / 25-40N·m
Dimensions (L x W x H)	477x72x98mm (18-3/4"x2-13/16"x3-7/8")
Net weight	2.0kg (4.4lbs)

Battery and charger are sold separately.

BL MOTOR

P99 D

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Angle Screwdriver — DFL650F

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3 | 434

new



High torque accuracy and High power delivered by brushless motor.

- Speed change function by smart phone etc.
- Indication lamp and beeper to inform condition of fastening.
- Auto stop system for reduction for battery power.

18V

Capacity	Square drive : 9.5mm (3/8")
No load speed (rpm)	80-200
Max. fastening torque	Hard / Soft : 25-65/25-65N·m
Dimensions (L x W x H)	600x75x116mm (23-5/8"x2-15/16"x4-9/16")
Net weight	2.5kg (5.5lbs)

Battery and charger are sold separately.

BL MOTOR

P99 D

Cordless Screwdriver — BFH040FZ / BFH040Z / BFH090FZ / BFH090Z / BFH120FZ



Meets Hazardous Location Requirements of UL1604 for both US and Canada. (Class I, Division 2, GroupA-D)

- Brushless DC motor provides spark-free and maintenance-free operation.
- Interlock switch completely eliminates the possibility of sparks caused by removing battery from tool.
- Extremely precise tightening of screws to uniform torque.
- High torque accuracy +-7%.
- BFH040FZ / BFH090FZ / BFH120FZ : LED job light for more illuminated, accurate work.



12V

▼BFH040FZ / BFH090FZ / BFH120FZ

No load speed (rpm)	400
Recommended torque	Hard / Soft :
	BFH040FZ / BFH040Z : 0.8-4.5 / 0.8-4.5N·m
	BFH090FZ / BFH090Z : 3.4-9 / 3.4-9N·m
	BFH120FZ : 5-12 / 5-12N·m
Overall length	190mm (7-1/2")
Net weight	BFH040FZ / BFH040Z / BFH120FZ : 1.5kg (3.3lbs)
	BFH090FZ / BFH090Z : 1.5kg (3.2lbs)

Battery and charger are sold separately.

P99 A

Cordless Screwdriver — BFT042FZ / BFT081FZ / BFT123FZ

434



High torque accuracy +-7%. (BFT042FZ, BFT123FZ.)

- Light tool weight.
- Precision torque setting thanks to the battery power warning lamp.
- Feature a built-in LED job light.



12V

No load speed (rpm)	BFT042FZ : 1,200
	BFT081FZ : 700
	BFT123FZ : 390
Recommended torque	Hard / Soft :
	BFT042FZ : 1-4 / 1-3.5N·m
	BFT081FZ : 3-8/3-7.5N·m
	BFT123FZ : 5-12 / 5-12N·m
Overall length	200mm (7-7/8")
Net weight	1.5kg (3.4lbs)

Battery and charger are sold separately.

P99 A

Cordless Screwdriver — BFT040FZ / BFT080FZ / BFT122FZ / BFT020FZ / BFT021FZ

434



High torque accuracy +-7%.

- Light tool weight.
- Precision torque setting thanks to the battery power warning lamp.
- Feature a built-in LED job light.



9.6V

No load speed (rpm)	BFT040FZ : 950
	BFT080FZ / BFT020FZ : 540
	BFT122FZ / BFT021FZ : 320
Recommended torque	Hard / Soft :
	BFT040FZ : 1-4 / 1-3.5N·m
	BFT080FZ : 3-8 / 3-6.5N·m
	BFT122FZ : 5-12 / 5-10N·m
	BFT020FZ / BFT021FZ : 0.5-2.0 / 0.5-2.0N·m
Overall length	200mm (7-7/8")
Net weight	1.4kg (3.1lbs)

Battery and charger are sold separately.

P99 A

Cordless Angle Screwdriver — BFL300FZ / BFL400FZ

High torque accuracy +-10%.

- Green indication lamp and beeper to inform of the completion of fastening.
- Restart ready system to avoid over driving.
- LED job light for more illuminated, accurate work.
- To prevent incomplete tightening, auto-stop system shuts off when battery power is low.
- Brushless DC motor.





14.4V

No load speed (rpm)	BFL300FZ : 400
	BFL400FZ : 260
Recommended torque	Hard / Soft :
	BFL300FZ : 16-30/16-30N·m
	BFL400FZ : 25-40/25-40N·m
Overall length	BFL300FZ : 506mm (20")
	BFL400FZ : 510mm (20-1/16")
Net weight	BFL300FZ : 2.3kg (5.1lbs)
	BFL400FZ : 2.4kg (5.3lbs)

Battery and charger are sold separately.

BL MOTOR

P99 D

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14, P.15, P87

Cordless Angle Screwdriver — BFL081FZ / BFL121FZ / BFL200FZ

434



P99 D

Soft start to suppressing starting shock.

- High torque accuracy +-10%.
- Green indication lamp and beeper to inform of the completion of fastening.
- Restart ready system to avoid over driving.
- LED job light for more illuminated, accurate work.
- To prevent incomplete tightening, auto-stop system shuts off when battery power is low.



12V

No load speed (rpm)	BFL081FZ : 700
	BFL121FZ : 410
	BFL200FZ : 220
Recommended torque	Hard / Soft :
	BFL081FZ : 2-8 / 2-7.5N·m
	BFL121FZ : 5-12 / 5-11.5 N·m
	BFL200FZ : 8-20 / 8-18N·m
Overall length	430mm (17")
Net weight	1.7kg (3.7lbs)

Battery and charger are sold separately.

Cordless Angle Screwdriver — BFL060FZ / BFL080FZ / BFL120FZ

434



P99 D

Trigger switch provides one second start-delay between fastening cycles to prevent overtightening.

- High torque accuracy +-10%.
- LED indicator and beep to inform conditions of fastening work and machine.
- Auto-stop fastening system to avoid over tightening.
- Features a built-in LED job light.



9.6V

No load speed (rpm)	BFL060FZ / BFL080FZ : 450
	BFL120FZ : 250
Recommended torque	Hard / Soft :
	BFL060FZ : 1.5-6 / 1.5-6N·m
	BFL080FZ : 2-8 / 2-7.5N·m
	BFL120FZ : 5-12 / 5-12N·m
Overall length	430mm (17")
Net weight	1.5kg (3.3lbs)

Battery and charger are sold separately.

Cordless Impact Driver — BTD143

Li-ion Ah 3.0 1.5 1.3

440



P99 B

Compact, lightweight and high durability.

- Auto-stop mechanism works when battery power decreases.
- Original 4-pole motor for power, lightweight and compact size.
- Ergonomically designed rubberized grip provides more control and comfort.
- Available for power display type battery.



14.4V

● Fast charger, Battery cartridge

Driving shank (Hex)	6.35mm (1/4")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,300
Max. fastening torque	140N·m (1,240in.lbs)
Dimensions (L x W x H)	153x79x233mm (6"x3-1/8"x9-1/8")
Net weight	1.5kg (3.3lbs)

Compatible with only batteries with battery fuel gauge.

Cordless Impact Driver — BTD125

Li-ion Ah 3.0

440



P99 B

Compact, lightweight and high durability.

- Auto-stop mechanism works when battery power decreases.
- Original 4-pole motor for power, lightweight and compact size.
- Ergonomically designed rubberized grip provides more control and comfort.
- Available for power display type battery.



14.4V

● Fast charger, Battery cartridge

Driving shank (Hex)	6.35mm (1/4")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,300
Max. fastening torque	120N·m (1,060in.lbs)
Dimensions (L x W x H)	153x79x233mm (6"x3-1/8"x9-1/8")
Net weight	1.4kg (3.2lbs)

Compatible with only batteries with battery fuel gauge.

Cordless Impact Driver — BTD104Z / BTD103Z

Li-ion Ah 3.0 1.5

440



P99 B

Compact and light weight yet high durability and high accuracy for assembly work.

- Downsized hammer case and 4 pole motor contributes to smaller whole dimensions.
- 6mm short stroke switch relieves operator's fatigue by long time operation.
- BTD104Z : Auto stop mechanism.

14.4V

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M12 (3/16" - 1/2")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
Impacts per minute (ipm)	0-3,500
No load speed (rpm)	0-2,700
Max. fastening torque	95N·m (841in.lbs)
Dimensions (L x W x H)	144x74x216mm (5-5/8"x2-15/16"x8-1/2")
Net weight	BTD104Z : 1.1kg (2.4lbs)
	BTD103Z : 1.0kg (2.2lbs)

Compatible with only batteries with battery fuel gauge.
Battery and charger are sold separately.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Impact Driver — TD091D

Li-ion Ah 1.3 — 440



P99 B

10.8V impact driver especially for assembly factory.

- Light weight and handy with durability.
- More durable than TD090D.
- Dimpled shaped grip keeps firm grip.



10.8V

Charger, Battery cartridge

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M12 (3/16" - 1/2")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
	Coarse thread (in length):
	22 - 90mm (7/8" - 3-1/2")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,400
Max. fastening torque	90N·m (800in.lbs)
Dimensions (L x W x H)	134x54x200mm (5-1/4"x2-1/8"x7-7/8")
Net weight	0.87kg (1.9lbs)

Cordless Impact Driver — BTD064Z / BTD063Z

Li-ion Ah 3.0 1.5 — 440



P99 B

Compact and light weight yet high durability and high accuracy for assembly work.

- Downsized hammer case and 4 pole motor contributes to smaller whole dimensions.
- 6mm short stroke switch relieves operator's fatigue by long time operation.
- BTD064Z : Auto stop mechanism.

14.4V

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M12 (3/16" - 1/2")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
Impacts per minute (ipm)	0-3,500
No load speed (rpm)	0-2,500
Max. fastening torque	65N·m (575in.lbs)
Dimensions (L x W x H)	144x74x216mm (5-5/8"x2-15/16"x8-1/2")
Net weight	BTD064Z : 1.1kg (2.4lbs)
	BTD063Z : 1.0kg (2.2lbs)

Compatible with only batteries with battery fuel gauge.
Battery and charger are sold separately.

Cordless Impact Driver — BTD061 / BTD062Z / BTD060Z

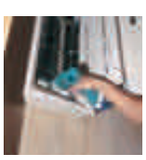
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P99 B

Optimum for fastening M6 and M8 bolts, machine screws, small size wood screws, etc.

- Slim grip for superior handling.
- BTD062Z : Auto-stop mechanism.



9.6V

Fast charger, Battery cartridge, Phillips bit 2-65

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M12 (3/16" - 1/2")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,500
Max. fastening torque	65N·m (575in.lbs)
Overall length	164mm (6-7/16")
Net weight	BTD061 : 0.9kg (2.1lbs)
	BTD062Z : 1.2kg (2.6lbs)
	BTD060Z : 1.07kg (2.4lbs)

Cordless Impact Driver — BTD044Z / BTD043Z

Li-ion Ah 3.0 1.5 — 440



P99 B

Compact and light weight yet high durability and high accuracy for assembly work.

- Downsized hammer case and 4 pole motor contributes to smaller whole dimensions.
- 6mm short stroke switch relieves operator's fatigue by long time operation.
- Auto stop mechanism.

14.4V

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M10 (3/16" - 3/8")
	High tensile bolt : M5 - M6 (3/16" - 1/4")
Impacts per minute (ipm)	0-3,500
No load speed (rpm)	0-2,300
Max. fastening torque	35N·m (310in.lbs)
Dimensions (L x W x H)	144x74x216mm (5-5/8"x2-15/16"x8-1/2")
Net weight	BTD044Z : 1.1kg (2.4lbs)
	BTD043Z : 1.0kg (2.2lbs)

Compatible with only batteries with battery fuel gauge.
Battery and charger are sold separately.

Cordless Impact Driver — BTD042Z / BTD040Z

434



P99 B

Specially developed for fastening applications in automobile assembling lines.

- Lightweight but durable magnesium alloy hammer case.
- Slim grip for superior handling.
- BTD042Z : Auto-stop mechanism.



9.6V

Battery and Charger are sold separately.

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M10 (3/16" - 3/8")
	High tensile bolt : M5 - M8 (3/16" - 5/16")
Impacts per minute (ipm)	0-3,500
No load speed (rpm)	0-2,500
Max. fastening torque	40N·m (354in.lbs)
Overall length	164mm (6-7/16")
Net weight	BTD042Z : 1.06kg (2.4lbs)
	BTD040Z : 1.04kg (2.3lbs)

Battery and charger are sold separately.

Cordless tool

Battery & charger time reference chart P.14, P.15, P87

Cordless Impact Wrench — BTW151 / BTW150 1/2" (12.7mm)

434



P99

Powerful torque packed in an incredibly light weight body.

- Slim and palm-fitting soft grip for superior handling.
- Bumpers on housing protect workpieces from accidental scratches.
- 1/2"(12.7mm) square drive.
- BTW151 : Auto-stop mechanism.



14.4V

Fast charger, Battery cartridge, Socket

Capacity	Standard bolt : M10 - M16 (3/8" - 5/8")
	High tensile bolt : M8 - M12 (5/16" - 1/2")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-2,300
Max. fastening torque	150N·m (1,330in.lbs)
Overall length	193mm (7-5/8")
Net weight	2.0kg (4.4lbs)

Cordless Impact Wrench — BTW130 1/2" (12.7mm)

Li-ion Ah 3.0 1.5

440



P99

Compact, lightweight and high durability.

- Auto-stop mechanism works when battery power decreases.
- Original 4-pole motor for power, lightweight and compact size.
- Ergonomically designed rubberized grip provides more control and comfort.
- Available for power display type battery.



14.4V

Fast charger, Battery cartridge

Capacity	Standard bolt : M8 - M16 (5/16" - 5/8")
	High tensile bolt : M6 - M12 (1/4" - 1/2")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,300
Max. fastening torque	130N·m (1,150in.lbs)
Dimensions (L x W x H)	166x79x233mm (6-1/2"x3-1/8"x9-1/8")
Net weight	1.5kg (3.3lbs)

Compatible with only batteries with battery fuel gauge.

Cordless Impact Wrench — BTW110 3/8" (9.5mm)

Li-ion Ah 3.0 1.5

440



P99

Compact, lightweight and high durability.

- Auto-stop mechanism works when battery power decreases.
- Original 4-pole motor for power, lightweight and compact size.
- Ergonomically designed rubberized grip provides more control and comfort.
- Available for power display type battery.



14.4V

Fast charger, Battery cartridge

Capacity	Standard bolt : M8 - M16 (5/16" - 5/8")
	High tensile bolt : M6 - M12 (1/4" - 1/2")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-2,300
Max. fastening torque	110N·m (970in.lbs)
Dimensions (L x W x H)	155x79x233mm (6-1/8"x3-1/8"x9-1/8")
Net weight	1.4kg (3.1lbs)

Compatible with only batteries with battery fuel gauge.

Cordless Impact Wrench — BTW104Z / BTW103Z 3/8" (9.5mm)

Li-ion Ah 3.0 1.5



P99

Compact and light weight yet high durability and high accuracy for assembly work.

- Downsized hammer case and 4 pole motor contributes to smaller whole dimensions.
- 6mm short stroke switch relieves operator's fatigue by long time operation.
- BTW104Z : Auto stop mechanism.

14.4V

Capacity	Standard bolt : M5 - M12 (3/16" - 1/2")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
Impacts per minute (ipm)	0-3,500
No load speed (rpm)	0-2,700
Max. fastening torque	95N·m (841in.lbs)
Dimensions (L x W x H)	144x74x216mm (5-5/8"x2-15/16"x8-1/2")
Net weight	BTW104Z : 1.1kg (2.4lbs)
	BTW103Z : 1.0kg (2.2lbs)

Compatible with only batteries with battery fuel gauge.
Battery and charger are sold separately.

Cordless Impact Wrench — BTW074Z / BTW073Z 3/8" (9.5mm)

Li-ion Ah 3.0 1.5

440



P99

Compact and light weight yet high durability and high accuracy for assembly work.

- Downsized hammer case and 4 pole motor contributes to smaller whole dimensions.
- 6mm short stroke switch relieves operator's fatigue by long time operation.
- BTW074Z : Auto stop mechanism.

14.4V

Capacity	Standard bolt : M5 - M12 (3/16" - 1/2")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
Impacts per minute (ipm)	0-3,500
No load speed (rpm)	0-2,500
Max. fastening torque	65N·m (575in.lbs)
Dimensions (L x W x H)	144x74x216mm (5-5/8"x2-15/16"x8-1/2")
Net weight	BTW074Z : 1.1kg (2.4lbs)
	BTW073Z : 1.0kg (2.2lbs)

Compatible with only batteries with battery fuel gauge.
Battery and charger are sold separately.

Accessories

Drilling / Fastening

A Driver Drill, Hammer Driver Drill

Page 100, 309, 343,374, 393, 467, 555

- Driver bit
- Drill bit for 1/4"Hex shank
- Drill bit for straight shank
- Hole saw & BiM hole saw
- Wool bonnet
- Rubber pad assembly
- Foam polishing pad
- Masonry bit with straight shank (Tungsten carbide-tipped bit)





B Impact Driver, 4 Mode Impact Driver

Page 100, 309, 343, 374, 393

- Driver bit
- Drill bit with 1/4"Hex shank
- Drill bit with straight shank
- Drill chuck assembly
- Masonry Bit with 1/4"Hex shank





C Angle Impact Driver, Impact Wrench

Page 100, 374

- Driver bit
- Straight head
- Socket & Ratchet head adapter
- Ratchet head
- Socket
- Socket adapter



D Impact Wrench

Page 121, 374

- Socket
- Socket
- Extension bar
- Universal joint
- Driver bit
- Bit adapter assembly



E Screwdriver, Auto Feed Screwdriver

Page 100, 121, 374, 555

- Magnetic bit holder
- Phillips bit & Phillips insert bit
- Extention handle
- Drywall screw strip



Impact Drilling / Demolition

F Combination Hammer

Page 144, 309, 343

- SDS Plus bit
- Tool for SDS-Plus (Demolition) For 3mode Models only
- Drill bit with straight shank
- Hole saw BiM hole saw
- Drill chuck assembly



Cutting

G Cutter

Page 512

- Diamond wheel



H Straight Shear, Matal Shear

Page 101, 159

- Shear blade & Center blade



I Recipro Saw

Page 457

- Recipro saw blade



Grinding / Sanding

J Angle Grinder

Page 101, 469, 475 486, 512

- Flex. grinding wheel (For Model 9500D)
- Depressed center wheel
- Diamond wheel



K Die Grinder

Page 475

- Wheel point



L Multi Tool

Page 501

- Multi Tool Accessories



Sawing

M Circular Saw, Slide Compound Miter Saw

Page 404

- Saw blade



N Jig Saw, Recipro Saw, Band Saw

Page 457

- Jig saw blade, Other Accessories



Planing / Routering

O Planer

Page 536

- Planer blade



P

- OPE — Page 302, 548
- Dust Extraction — Page 100, 240
- Others — Page 100, 555

Accessories

Dust extraction system set

This system is designed to collect dust effectively with on-off operation of the tool's on-off trigger switch interlocked with this system.

Dust case set: 196163-9

Filter set: 196165-5





Model No.	Description	Part No.
DHR242	DX01	195896-3
DHR243	DX02	195902-4

Drill chuck assembly



*For North America

Type	Part No.
For Impact Driver	
Connect Bit 6.35-44 Keyless MZ	*194250-8
Connect Bit 6.35-44 Keyless MZ	194251-6
Connect Bit 6.35-48 Keyless NZ	192121-3
Connect Bit 6.35-44 MZ	191881-4
Connect Bit 6.35-48 NZ	192173-4
Connect Bit 6.35-48 NZ	191880-6

Magnetic bit holder type MZ

(For insert bit)



Model No.	Size	Part No.
DFS440, DFS450, DFS441, DFS451	6.35-60	784811-8
	6.35-76	784801-1
DFS452	6.35-60	784813-4
	6.35-76	784812-6

Adjustable locator set with bit

For Model:

DTD130F, DTD133, DTD134, DTD140, DTD141, DTD142, DTD145, DTD146, DTP130, DTP140, DSTS130, 6916FD, 6935FD, 6936FD, 6980FD, TD0100, TD0101, TD0101F

*with E-form Bit (MZ), **without Bit



Part No.	Destination
*194281-7	-
**194280-9	-
194633-2	for North America

Straight head, Angle head, Angle wrench head, Ratchet head



Straight head



Angle head



Angle wrench head



Ratchet

For Model:

6940D, DTL060, DTL061, DTL062, DTL063

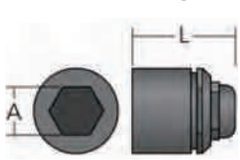
Description	Type	Part No.
Straight head	NZ	192440-7
	For E-form bit MZ	192486-3
Angle head	-	135183-8
	For C-form bit	135200-4
	For E-form bit	135125-2
Angle wrench head	9.5mm (3/8")	135201-2
Ratchet head	-	192439-2

Ratchet head adapter (Socket, Socket adapter)

use with Ratchet head

Socket

Socket adapter



For Model:

6940D, DTL060, DTL061, DTL062, DTL063



Type	Size	Part No.
Socket	17 x 31 (A x L)	134743-3
	19 x 33 (A x L)	134744-1
Socket adapter	9.5mm (3/8")	134745-9
	12.7mm (1/2")	134746-7

Accessories

Cutter blade set



Model No.	Part No.
SC130D	SC00000130
SC161D	SC09002450
SC190D	SC00000580

Cutter set

For Model:

SC120D



Application	Size(mm)	Part No.
For steel	6	SC00000562
For steel	8	SC00000508
For steel	10	SC00000510
For steel	12	SC00000512
For stainless	8	SC00000514
For stainless	10	SC00000515

Die

For Model:

SC120D



Size (mm)	Part No.
6	SC00000579
8	SC00000550
10	SC00000551
12	SC00000552

Oil 35 c.c.

For Model:

SC120D, SC130D, SC161D, SC190D



Part No.
SC00000106

Flex. grinding wheel

(5 per pkg.)

For Model:

9500D



Part No.
794229-5

Rubber pad assembly

(Use with wool bonnet)



Part No.
123001-2

Wool bonnet

100mm (3-15/16") dia.

(Use with rubber pad for polishing and buffing)



Part No.
794173-6

Foam polishing pad

125mm (4-7/8") dia.

(For polishing glass, etc.)



Part No.
794159-0

Guide rule

(Rip fence)

For Model:

4191D, 5093D, 5094D, DSS501, DSS500,

DSS610, DSS611, DCS550, HS300D



Part No.
164095-8

Flexible set



Model No.	L (mm)	Part No.
DVR340, DVR350	800	126207-1
DVR440, DVR450	1200	126206-3
DVR850	2400	126208-9

Accessories

Holder set

A: 300ml size Holder



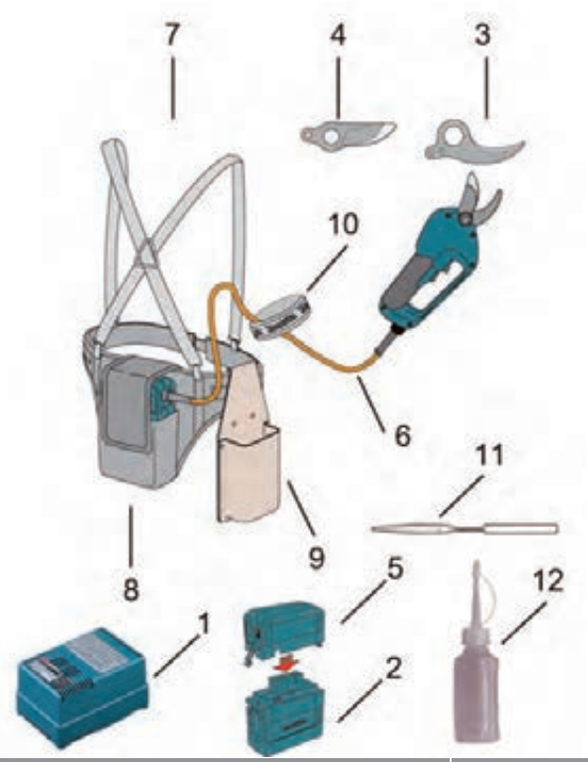
B: 600ml size Holder



Model No.	Type	Part No.
DCG180, DCG140	A	196351-8
	B	196352-6



Model 4604D



Description	Part No.
1. Battery charger	DC4600
2. Battery 4600	B4600
3. Shear blade (L)	A-86664
4. Shear blade (U)	A-86670
5. Controller	630169-2
6. Connection cord	661978-8
7. Suspender	168356-8
8. Battery support belt	166055-6
9. Holster	168359-2
10. Arm band	166062-9
11. Diamond file	794530-8
12. Oil supply 30 c.c.	182470-6

Nozzle assembly

*:For rug / carpet cleaning





* Makita all Cordless Cleaner

Model No.	Part No.
*	*122291-4
4073D,4093D	122520-5
4076D, CL070D, CL100D, CL102D, CL072D,	122861-9
DCL140, DCL142, DCL180, DCL182	122859-6
DCL140W, DCL142W, DCL180W, DCL182W	122858-8

Accessories

Shelf brush

(For gentle cleaning by soft-tipped brush)

For Model: Makita all Cordless Cleaner

Not compatible with model DCL500



Part No.
191724-0

Round brush

For Model: Makita all Cordless Cleaner

Not compatible with model DCL500



Part No.
A-37471

Sash nozzle

For Model:

Makita all Cordless Cleaner

Not compatible with model DCL500



Part No.
416041-0

Flexible hose

For Model:

Makita all Cordless Cleaner

Not compatible with model DCL500



Part No.
191496-7

Quick charger

(AC only)



Model No.	Chargingtime (min.) (approx)	Part No.
4076D	180 to 300	DC7021
CL104D, CL105D	180	DC1001

Dust bag



*Anti-bacterial type

Model No.	Part No.
DCL182, DCL142, CL102D, CL104D, CL105D, CL072D, 4073D, 4093D, 4076D	166043-3
	*166084-9

Filter & Pre filter

For Model:

CL070D,CL100D, DCL140,DCL180

Filter



Pre filter



Description	Part No.
Filter	443060-3
Pre filter	451208-3

Paper filter

For Model:

DCL182, DCL142, CL102D, CL104D, CL105D, CL072D, 4073D, 4093D, 4076D



Per pkg.	Part No.
5	194566-1
10	194565-3

Shoulder strap for carrying case





Part No.
166070-0

Depth gauge

(Stopper pole)



Model No.	Part No.
BDF460, DHP441, DHP451, DHP444,DHP454, BHP460, 8414D, 8434D, 8444D	122576-8
HR160D, BHR200	321144-6
BHR162	415486-9
DHR202, DHR241,DHR261	324219-0

Accessories

Grip, grip base set



Grip

Model No.	Part No.
BHR200, 6319D, 6339D, 6349D	122712-6
8414D, 8434D, 8444D	122711-8
BDF460, BHP460	122575-0
DDF441, DDF451	123167-8
DHP441, DHP451	123168-6
6796FD, 6797FD, 6798FD, BFT040F, BFT041R, BFT042F, BFT080F, BFT081F, BFT082R, BFT122F, BFT123F,BFT124R	273443-1
HR160D	273634-4
DHR162	154842-5
DHR202, DHR261	158057-6

Grip Base set

BFT120, BFT120F, BFT121F	193545-6
BFT040F, BFT041R, BFT042F, BFT043F, BFT080F, BFT081F, BFT082R, BFT083F, DFT122F, BFT123F, BFTT124R, BFT125F	193874-7

Staple & Pin nail

Staple: 2,500 pcs/ box

Model No.	L (mm)	Part No.
DST110	7	F-81518
	10	F-81521

Staple: 5,040 pcs/ box

DST220 DST221 T221D	10	F-32647
	13	F-32650
	16	F-32663
	19	F-32676
BST220, BST221	22	F-32689

Pin Nail 23Ga: 10,000pcs/ box

DPT350	18	F-31825
	25	F-31838
	30	F-31841
	35	F-31854

Stainless Pin Nail 23Ga: 10,000pcs/ box

DSPT350	18	F-32142
	25	F-32155
	30	F-32168
	35	F-32171

Bulb

(2 pcs. / set)



* For North America

Model No.	Voltage	Part No.
ML702	7.2V	192242-1
ML902,ML903	9.6V	192545-3
ML121	9.6V,12V	A-30673
ML120, ML140	12V,14.4V	A-83973
DML145	14.4V	*A-90233
ML180, DML185	18V	A-30542
ML180, DML185	18V	*A-90261
BML240	24V	A-87373
DML184	14.4V,18V	*A-94502
DML184	14.4V,18V	B-07303

Fluorescent tube 1pc.

B: Black Light Blue

(Fluorescent tube can be installed.)



* For North America

Model No.	Type	Part No.
ML122, ML123	A	A-87367
	A	*A-90978
ML122, ML123, DML184	B	A-89333
BML360	A	B-14093

Battery adapter & Battery converter

BAP24







BAP36N









Type	For Model	Part No.
BAP24	24V Model	193689-2
BAP36N	36V Model	195311-7
BCV01	36V Model	195511-9
BCV03	36V Model	195850-7

Accessories

Set plate

For supporting batteries without push buttons.

A:with plastic coating



For Model:

6706D, 6793D, 6796FD, 6797FD, 6835D, 6903VD, 6907D, 6908D, 6911HD, 6915D, 6916D, 6917D, 6918D, 6990D, 6991D, 6992D, ML120, ML121, ML903, SC120D, SC130D, SC160D, T221D

	Type	Part No.
	-	343579-1
	A	344798-2

For Model:

4190D, 5090D, 6010D, 6095D, 9500D, DA301D, DA302D, DA391D, UM104D

	-	342833-0

Battery protector





For Battery	Part No.
BL1430, BL1440, BL1830, BL1840, BL1850	194649-7

Battery protector

Designed to protect the battery cartridge from dust and dripping water in outdoor applications or harsh environments.





Model No.	For Battery	Part No.
DTD134, DTD136, DTD137, DTS131, DDF448, DHP448	BL1415, BL1430, BL1440	195797-5
DTD146, DTD147, DTD148, DTS141, DDF458, DHP458	BL1815/N, BL1820, BL1830, BL1840, BL1850	195798-3

Tool catcher set

Enables to hook the machine quickly on a snap hook of waist belt.





Model No.	Part No.
DDF444, DDF454, DHP444, DHP454, DTD129, DTD134, DTD136, DTD137, DTD145, DTD146, DTD147, DTD148, DTP140, DTS130, DTW152	197043-2

Hammer service kit

Model No.	Part No.
DHR162	195208-0
BHR200	195258-5
DHR202, DHR241	195193-7
BHR261/T, BHR262/T	195189-8
DHR242	195833-7
DHR243	195834-5

Anti kick back head assembly

Model No.	Type	Part No.
BFH040/F, BFH090/F, BFH120F, BFT040F/R, BFT041F, BFT042F, BFT043F, BFT080F/R, BFT081F/R, BFT082F, BFT083F, BFT122F/R, BFT123F, BFT124F, BFT125F	MZ	195231-5
	NZ	195232-3

Anti kick back head set

Model No.	Part No.
BFL300F, BFL301F, BFL400F, BFL401F, BFL402F	195620-4
BFL060F, BFL080F, BFL081F, BFL120F, BFL121F, BFL200F, BFL201F	195621-2

Change ring cover





Model No.	Part No.
DF010D	A-50778

Torque adjust tool



Model No.	Part No.
BFT020F, BFT021F, BFT040, BFT043F, BFT080F, BFT083F, BFT122F, BFT123F, BFT125F, BFL080F, BFL081F, BFL120F, BFL121F, BFL200F, BFH040/F, BFH090/F, BFH120F, BFT041F/R, BFT082F/R, BFT124F, DFT124R, BFL201F, DFL201R, BFL301F, DFL301R, BFL402F, DFL402R, BFL300F, BFL400F	765027-4

Accessories

Protector



Model No.	Color	Part No.
6908D,6914D	Clear	A-19629
6796FD,6797FD, 6798FD,BFT120/F, BFT121F	Yellow	417616-8
	Blue	417615-0
	Red	417605-3
BFT020F,BFT021F,BFT040F, BFT041F/R, BFT043F, BFT080F,BFT081F, BFT082F/R,BFT083F, BFT122F, BFT123F, BFT124F/R, BFT125F	Clear	450331-1
	Yellow	418423-2
	Blue	418424-0
	Red	418425-8
BTD040,BTD042,BTD060, BTD062,BTW070,BTW072	Clear	417349-5
	Blue	417835-6
	Red	417834-8
BFL080F,BFL081F,BFL120F, BFL121F,BFL200F, BFL201F, DFL201R	Clear	418066-0
	Yellow	418032-7
	Blue	418064-4
	Red	418065-2
For Clutch Case (A)		
BFL300F, BFL401F, BFL402F, DFL402R, BFL400F, BFL301F, DFL301R	Clear	418745-0
	Yellow	418691-7
	Blue	418743-4
	Red	418744-2
For Angle Head (B)		
BFL300F	Clear	418748-4
	Yellow	418692-5
	Blue	418746-8
	Red	418747-6
For Angle Head (C)		
BFL400F, BFL401F, BFL402F, DFL402R, BFL301F, DFL301R	Clear	418751-5
	Yellow	418693-3
	Blue	418749-2
	Red	418750-7
BTD120,BTW120,BTW121,6916D, 6917D, 6917FD,6918D,6990D,6991D, 6934FD	Clear	418834-1
BTD125, BTD143, BTW110, BTW130	White	451548-9
	Blue	451549-7
For Anti kick back head set (D)		
BFL060F, BFL080F, BFL081F, BFL120F, BFL121F, BFL200F, BFL201, BFL300F, BFL301F, BFL400F, BFL401F, BFL402F	Clear	453094-8
	Yellow	453093-0
	Blue	453091-4
	Red	453092-2
Battery protector for BL1430A		
BTD125, BTD143, BTW110, BTW130	Clear	450599-9
Battery protector for BL1415NA		
BTD125, BTD143, BTW110, BTW130	Clear	454407-6

Torque tracer accessories



Receiver RCV02



CD-ROM



RS-232C cable



USB serial adapter set



For Model:

BFT041R, BFT082R, BFT124R, BFL201R, BFL301R, BFL402R

Description	Part No.
Receiver RCV02	194444-5
Receiver RCV02 (with CD-ROM set)	A-47977
CD-ROM (software)	889919-4
CD-ROM (instruction manual)	889920-9
RS-232C cable	638386-8
USB serial adapter set	194089-9

PRODUCTS

DRILLING / FASTENING



- Double Insulation
- Variable Speed
- Brake
- Reversing
- Mechanical 2-Speed
- Mechanical 3-Speed
- Electronic 2-Speed
- Electronic 3-Speed
- Keyless Chuck
- Torque Setting 6
- Torque Setting 9
- Torque Setting 16
- Torque Setting 18
- Torque Setting 21
- Torque Limiter
- Soft Start
- Built-in Job Light
- Carrying Case

Drilling / Fastening

Impact Driver — 6904V

415



P120 A

Ideal for driving screws in wood - especially perfect for lag screws. (Max. fastening torque : 196N.m [145ft.lbs])

· Also great for fastening metals to wood.





● Phillips bit x2, Bit piece

Continuous rating Input	360W
Capacity	Hex screw : 6mm (1/4")
	Self drilling screw : 6mm (1/4")
Driving shank (Hex)	6mm (1/4")
Impacts per minute (ipm)	Hi : 0-3,000
	Lo : 0-2,500
No load speed (rpm)	Hi : 0-2,400
	Lo : 0-2,100
Max. fastening torque	196N·m (145ft.lbs)
Overall length	271mm (10-5/8")
Net weight	1.8kg (4.0lbs)
Power supply cord	2.5m (8.2ft)

Impact Driver — 6952

411



P120 A

Huge 120N.m (88.5ft.lbs) of torque.

· Compact design with an overall length of only 229mm (9").
· High rotational speed ensures extremely increased work efficiency.
· Lightweight cast aluminum gear housing for durability.





● Phillips bit 2-65

Continuous rating Input	270W
Capacity	Machine screw : M4 - M10 (5/32" - 3/8")
	Standard bolt : M6 - M14 (7/32" - 9/16")
	High tensile bolt : M6 - M10 (7/32" - 3/8")
Driving shank (Hex)	6.35mm (1/4")
Impacts per minute (ipm)	0-3,100
No load speed (rpm)	0-3,200
Max. fastening torque	120N·m (88.5ft.lbs)
Overall length	229mm (9")
Net weight	1.4kg (3.1lbs)
Power supply cord	2.5m (8.2ft)

Impact Driver — TD0100

419



P120 A

Impacting mechanism for secure fastening.

· Compact and lightweight.
· Compact rear end of the body ergonomically countered for inline grip.
· No harm to the wrist when a screw is seated.
· Enables to drive screws even without pre-drilling pilot holes.





● Phillips bit

Continuous rating Input	230W
Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
	Coarse thread (in length):
	22 - 90mm (7/8" - 3-1/2")
Driving shank (Hex)	6.35mm (1/4")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-3,600
Max. fastening torque	100N·m (885in.lbs)
Dimensions (L x W x H)	218x60x180mm (8-5/8"x2-3/8"x7-1/8")
Net weight	0.96kg (2.1lbs)
Power supply cord	2.5m (8.2ft)

Impact Driver — TD0101F / TD0101

411



P120 A

Compact design for perfect handling.

· Externally accessible carbon brush.
· No harm to the wrist when a screw is seated.
· Enables to drive screws even without pre-drilling pilot holes.
· TD0101F : LED job light for operation in dark job sites.



▼TD0101F



● Phillips bit

Continuous rating Input	230W
Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
	Coarse thread (in length):
	22 - 90mm (7/8" - 3-1/2")
Driving shank (Hex)	6.35mm (1/4")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-3,600
Max. fastening torque	100N·m (885in.lbs)
Dimensions (L x W x H)	184x67x192mm (7-1/4"x2-5/8"x7-9/16")
Net weight	0.99kg (2.2lbs)
Power supply cord	2.5m (8.2ft)

High Speed Drill — DP2011 / DP2010 6.5mm (1/4")

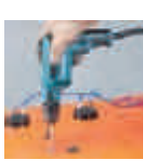
419



P120 B

Compact, yet with high power.

· Reversing switch, variable speed control.
· with Keyless chuck.



▼DP2011



● Depth gauge (for some countries)

Continuous rating Input	370W
Capacity	Steel : 6.5mm (1/4")
	Wood : 15mm (9/16")
No load speed (rpm)	0-4,200
Dimensions (L x W x H)	DP2011 :
	222x64x175mm (8-3/4"x2-1/2"x6-7/8")
	DP2010 :
	209x64x175mm (8-1/4"x2-1/2"x6-7/8")
Net weight	DP2011 : 1.1kg (2.4lbs)
	DP2010 : 1.0kg (2.2lbs)
Power supply cord	2.0m (6.6ft)

High Speed Drill

6501X / 6501 6.5mm (1/4")

70



P120 B

With depth gauge for uniform hole depth.

· With 4,500 rpm high speed rotation, ideal for fast drilling of small holes.
· Compact body weighs only for superior handling.
· 6501X : With keyless chuck.



▼6501X

● Stopper Pole, Chuck Key (6501)

Continuous rating Input	*230W*
Capacity	*Steel : 6.5mm (1/4")*
	Wood : 9mm (11/32")
No load speed (rpm)	*4,500*
Overall length	*6501X : 219mm (8-5/8")*
	6501 : 206mm (8-1/8")
Net weight	*0.9kg (2.0lbs)*
Power supply cord	*2.0m (6.6ft)*

Drill

DP3003 / DP3002 10mm (3/8")

419



P120 B

Extra powerful motor provides the higher torque in class.

· Sturdy aluminum gear housing for increased durability.
· Ergonomically designed rubberized soft grip for better control.
· Retractable belt clip allows operation in tight areas.
· DP3003 : With keyless chuck.



▼DP3003

● Side grip, Chuck key (DP3002)

Continuous rating Input	*710W*
Capacity	*Steel : 10mm (3/8")*
	Wood : 32mm (1-1/4")
No load speed (rpm)	*0-1,200*
Overall length	*DP3003 : 296mm (11-5/8")*
	DP3002 : 304mm (12")
Net weight	*DP3003 : 2.2kg (4.8lbs)*
	DP3002 : 2.4kg (5.2lbs)
Power supply cord	*2.5m (8.2ft)*

Drill

6408 / 6407 10mm (3/8")

419



P120 B

Variable speed (0-2,500rpm) for drilling in a variety of materials.

· In-line handle design for maximum power thrust.
· Low noise level for quieter operation.
· 6408 : With keyless chuck.



▼6408

● Chuck Key (6407)

Continuous rating Input	*530W*
Capacity	*Steel : 10mm (3/8")*
	Wood : 25mm (1")
No load speed (rpm)	*0-2,500*
Overall length	*261mm (10-1/4")*
Net weight	*6408 : 1.5kg (3.2lbs)*
	6407 : 1.4kg (3.2lbs)
Power supply cord	*2.5m (8.2ft)*

Drill

6402 10mm (3/8")

415



P120 B

Tough guy with powerful 570W motor with heavy duty industrial chuck.



● Chuck key

Continuous rating Input	*570W*
Capacity	*Steel : 10mm (3/8")*
	Wood : 21mm (13/16")
No load speed (rpm)	*0-1,200*
Overall length	*264mm (10-3/8")*
Net weight	*1.5kg (3.3lbs)*
Power supply cord	*2.5m (8.2ft)*

Drill

6413 / 6412 10mm (3/8")

64



P120 B

Compact and lightweight, yet with enough power.

· Ergonomically designed handle with rubberized soft grip provides more control and comfort.
· Chuck capacity: 1.5-10mm (1/16"-3/8").
· In-line design brings drilling pressure in line with center of drill bit axis.
· All ball bearing construction ensures high durability.



▼6413

● Chuck key (6412)

Continuous rating Input	*450W*
Capacity	*Steel : 10mm (3/8")*
	Wood : 25mm (1")
No load speed (rpm)	*0-3,400*
Dimensions (L x W x H)	*6413 : 234x64x183mm (9-1/4"x2-1/2"x7-1/4")*
Net weight	*6412 : 228x64x183mm (9"x2-1/2"x7-1/4")*
	1.3kg (2.9lbs)
Power supply cord	*2.0m (6.6ft)*

Items of standard equipment and specifications may vary by country or area.

Drilling / Fastening

Drill — 6411 10mm (3/8")

64



P120

Compact and lightweight, yet with enough power.

- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Chuck capacity: 1.5-10mm (1/16"-3/8").
- In-line design brings drilling pressure in line with center of drill bit axis.
- All ball bearing construction ensures high durability.



Chuck key

Continuous rating Input	450W
Capacity	Steel : 10mm (3/8")
	Wood : 25mm (1")
No load speed (rpm)	3,400
Dimensions (L x W x H)	228x64x183mm (9"x2-1/2"x7-1/4")
Net weight	1.3kg (2.8lbs)
Power supply cord	2.0m (6.6ft)

Drill — 6510LVR 10mm (3/8")

64



P120

Double reduction gearing for efficient power transmission.

- Keyless chuck for fast bit replacement.



Continuous rating Input	330W
Capacity	Steel : 10mm (3/8")
	Wood : 18mm (3/4")
No load speed (rpm)	0-1,200
Overall length	242mm (9-1/2")
Net weight	1.4kg (3.1lbs)
Power supply cord	2.5m (8.2ft)

Drill — 6305 13mm (1/2")

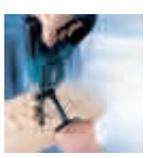
303



P120

Heavy duty motor.

- Rear handle with soft rubber grip.
- Ergonomically designed rubberized soft grip for better control.



Chuck key, Depth gauge, Side grip 36 complete

Continuous rating Input	850W
Capacity	Steel : 13mm (1/2")
	Wood : 30mm (1-3/16")
No load speed (rpm)	1,450
Dimensions (L x W x H)	346x84x152mm (13-5/8"x3-5/16"x6")
Net weight	2.8kg (6.2lbs)
Power supply cord	2.5m (8.2ft)

Drill — DP4003 / DP4002 13mm (1/2")

419



P120

Extra powerful motor provides the higher torque. (No load speed : 0-600rpm)

- Sturdy aluminum gear housing for increased durability.
- Ergonomically designed rubberized soft grip for better control.
- Retractable belt clip allows operation in tight areas.
- DP4003 : With keyless chuck.



▼DP4003

Side grip, Chuck key (DP4002)

Continuous rating Input	750W
Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
No load speed (rpm)	0-600
Overall length	DP4003 : 308mm (12-1/8")
	DP4002 : 304mm (12")
Net weight	DP4003 : 2.5kg (5.4lbs)
	DP4002 : 2.7kg (5.8lbs)
Power supply cord	2.5m (8.2ft)

Drill — DP4001 / DP4000 13mm (1/2")

419



P120

Extra powerful motor provides the higher torque. (No load speed : 0-900rpm)

- Sturdy aluminum gear housing for increased durability.
- Ergonomically designed rubberized soft grip for better control.
- Retractable belt clip allows operation in tight areas.
- DP4001 : With keyless chuck.



▼DP4001

Side grip, Chuck key (DP4000)

Continuous rating Input	750W
Capacity	Steel : 13mm (1/2")
	Wood : 38mm (1-1/2")
No load speed (rpm)	0-900
Overall length	DP4001 : 308mm (12-1/8")
	DP4000 : 304mm (12")
Net weight	DP4001 : 2.4kg (5.2lbs)
	DP4000 : 2.5kg (5.6lbs)
Power supply cord	2.5m (8.2ft)

2-Speed Drill

DP4011 / DP4010 13mm (1/2")

419



P120 B

High speed and high efficiency.

- Sturdy aluminum gear housing.
- Extra-rigid cylindrical housing.
- Ergonomically designed handle with rubberized soft grip.
- Built-in torque limiter helps prevent kickback.



▼DP4011



● Depth gauge, Side grip, Chuck key (DP4010)

Continuous rating Input	*720W*
Capacity	*Steel Hi : 8mm (5/16")*
	Steel Lo : 13mm (1/2")
	Wood Hi : 25mm (1")
	Wood Lo : 40mm (1-9/16")
No load speed (rpm)	*Hi : 0 - 2,900*
	Lo : 0 - 1,200
Dimensions (L x W x H)	*347x70x220mm (13-58"x2-3/4"x8-5/8")*
Net weight	*2.3kg (5.0lbs)*
Power supply cord	*2.5m (8.2ft)*

Drill

6301 13mm (1/2")

106



P120 B

Large side grip, D-handle and depth rod engineered for increased comfort in tough jobs.



● Chuck key, Depth gauge assembly, Side grip

Continuous rating Input	*700W*
Capacity	*Steel : 13mm (1/2")*
	Wood : 30mm (1-1/8")
No load speed (rpm)	*1,300*
Overall length	*340mm (13-3/8")*
Net weight	*3.1kg (6.7lbs)*
Power supply cord	*2.5m (8.2ft)*

Drill

DP4700 13mm (1/2")

64



P120 B

Heavy-duty performance drill for professionals.

- Variable speed (0-550 rpm) for versatility.
- Lightweight for easy handling.
- Rugged industrial chuck.





● Chuck key, Side grip

Continuous rating Input	*510W*
Capacity	*Steel : 13mm (1/2")*
	Wood : 36mm (1-3/8")
No load speed (rpm)	*0-550*
Overall length	*275mm (10-7/8")*
Net weight	*2.2kg (4.8lbs)*
Power supply cord	*2.5m (8.2ft)*

Drill

DS4012 13mm (1/2")

411

new



P120 B

Variable speed control/reversing switch for increased versatility.

- New aesthetic design.
- Full 360 degree rotatable D-handle with 24 positive stops for multi-position operation.
- High performance.





● Chuck key, Side grip

Continuous rating Input	*750W*
Capacity	*Steel : 13mm (1/2")*
	Wood : 36mm (1-7/16")
No load speed (rpm)	*0-600*
Dimensions (L x W x H)	*340x83x390mm (13-3/8"x3-1/4"x15-3/8")*
Net weight	*2.8kg (6.3lbs)*
Power supply cord	*2.5m (8.2ft)*

Drill

DS4011 / DS4010 13mm (1/2")

411



P120 B

New aesthetic design.

- High performance.
- Full 360 degree rotatable D-handle with 24 positive stops for multi-position operation.



DS4011 DS4010



● Chuck key, Side grip

Continuous rating Input	*750W*
Capacity	*Steel : 13mm (1/2")*
	Wood : 36mm (1-7/16")
No load speed (rpm)	*DS4011 : 600*
	DS4010 : 0-600
Dimensions (L x W x H)	*DS4011 :*
	340x83x401mm (13-3/8"x3-1/4"x15-3/4")
	DS4010 :
	340x83x391mm (13-3/8"x3-1/4"x15-3/8")
Net weight	*DS4011 : 2.8kg (6.3lbs)*
	DS4010 : 2.8kg (6.2lbs)
Power supply cord	*2.5m (8.2ft)*

Items of standard equipment and specifications may vary by country or area.

Drilling / Fastening

Drill — DS4000 13mm (1/2")

303



P120

Extreme power in durable aluminum body.

· Superior to rivals in power and drilling speed in its class.
· Durable aluminum body.
· Rocker type switch for rapid switching between forward and reverse.



Chuck key, Side grip

Continuous rating Input	1,050W
Capacity	Steel : 13mm (1/2")
	Wood (auger-bit) : 38mm (1-1/2")
	Wood (self-feed bit) : 77mm (3")
	Wood (hole saw) : 127mm (5")
No load speed (rpm)	500
Overall length	365mm (14-3/8")
Net weight	4.6kg (10.2lbs)
Power supply cord	2.5m (8.2ft)

Drill — DS5000 16mm (5/8")

411



P120

New aesthetic design.

· High performance.
· Full 360 degree rotatable D-handle with 24 positive stops for multi-position operation.



Chuck key, Side grip

Continuous rating Input	750W
Capacity	Steel : 16mm (5/8")
	Wood : 36mm (1-7/16")
No load speed (rpm)	600
Dimensions (L x W x H)	348x83x401mm (13-3/4"x3-1/4"x15-3/4")
Net weight	3.0kg (6.6lbs)
Power supply cord	2.5m (8.2ft)

Drill — 6016 16mm (5/8")

51



P120

Power and torque packed in rugged aluminum body for heavy duty applications.

· D-handle rotates 360degrees for multi-position operation.
· Heavy-duty industrial chuck.



Chuck key, Depth gauge, Side grip

Continuous rating Input	480W
Capacity	Steel : 16mm (5/8")
	Wood : 36mm (1-3/8")
No load speed (rpm)	700
Overall length	365mm (14-3/8")
Net weight	4.1kg (9.0lbs)
Power supply cord	2.5m (8.2ft)

4-Speed Drill — 6300-4 13mm (1/2")

51



P120

4-speed (650 / 700 / 1,250 / 1,500 rpm) for drilling in a variety of materials.

· Rear D-handle and side grip for controlled drilling.
· Slide switches for easy and smooth speed change operation.
· Heavy-duty industrial chuck.



Chuck key, Side grip

Continuous rating Input	650W
Capacity	Steel : 13mm (1/2")
	Wood : 30mm (1-1/8")
No load speed (rpm)	650 / 700 / 1,250 / 1,500
Overall length	385mm (15-1/8")
Net weight	2.9kg (6.5lbs)
Power supply cord	2.5m (8.2ft)

Portable Drill Press — 6305W 13mm (1/2")

303



P120

Rear handle with soft rubber grip ergonomically designed for comfortable operation.

· Heavy duty motor.



Borer attachment, Lever complete, Side grip, Accessory set, Stand base, Chuck key

Continuous rating Input	850W
Capacity	Steel : 13mm (1/2")
No load speed (rpm)	1,450
Dimensions (L x W x H)	541x84x152mm (21-1/4"x3-5/16"x6")
Net weight	5.0kg (11.0lbs)
Power supply cord	2.5m (8.2ft)

High Speed Drill

DD2020 6.5mm (1/4")

64

High speed, 10,000 rpm.

· Easy to grip.
· Stopper pole is strengthened.





Chuck key complete S6.5, Wrench 13

Continuous rating Input	500W
Capacity	Wood : 12mm (15/32")
	Drill chuck capacity : 6.5mm (1/4")
No load speed (rpm)	10,000
Dimensions (L x W x H)	274x131x67mm (10-3/4"x5-1/8"x2-5/8")
Net weight	1.3kg (2.9lbs)
Power supply cord	2.5m (8.2ft)

Angle Drill

DA3010F / DA3010 10mm (3/8")

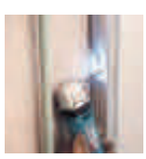
419

Compact and lightweight.

· Only 66mm (2-5/8") in head height.
· DA3010F : Features a built-in LED job light.
· With keyed chuck.



P120 B



▼DA3010F

Chuck key S10, Side grip 36 complete

Continuous rating Input	450W
Capacity	Steel : 10mm (3/8")
	Wood : 25mm (1")
No load speed (rpm)	0-2,400
Overall length	270mm (10-5/8")
Net weight	1.6kg (3.5lbs)
Power supply cord	2.5m (8.2ft)

Angle Drill

DA3011F / DA3011 10mm (3/8")

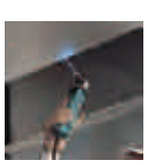
419

Compact and lightweight (with keyless drill chuck).

· Only 93mm (5/8") in head height.
· DA3011F : Features a built-in LED job light.
· With keyless chuck.



P120 B



▼DA3011F

Grip 36 complete

Continuous rating Input	450W
Capacity	Steel : 10mm (3/8")
	Wood : 25mm (1")
No load speed (rpm)	0-2,400
Overall length	282mm (11-1/8")
Net weight	1.6kg (3.5lbs)
Power supply cord	2.5m (8.2ft)

Angle Drill

DA4000LR 13mm (1/2")

303

Easy to turn over, new angle attachment for quick High (0-900rpm) / Low (0-400rpm) speed change.

· Enhanced gears in angle attachment for heavy duty industrial use.
· Ergonomic soft grip for superior handling.



P120 B



Angle attachment, Chuck key, Hex wrench, Side grip

Continuous rating Input	710W
Capacity	Steel : 13mm (1/2")
	Wood (self-feed bit) Hi : 65mm (2-9/16")
	Wood (self-feed bit) Lo : 118mm (4-5/8")
	Wood (hole saw) Hi : 114mm (4-1/2")
	Wood (hole saw) Lo : 152mm (6")
No load speed (rpm)	Hi : 0-900
	Lo : 0-400
Overall length	413mm (16-1/4")
Net weight	4.0kg (8.9lbs)
Power supply cord	2.5m (8.2ft)

Angle Drill

DA4031 13mm (1/2")

303

Rear handle swivels 90degrees right and left by one push of a button to drill in any position.

· Unrivalled drilling capacity and ergonomic design ensures the best performance in 2x4 construction.
· The best suited machine for plumbing with torque limit feature.
· Strong supporting side handle and adjustable top handle.



P120 B



Chuck key, Hex wrench, Side grip

Continuous rating Input	1,050W
Capacity	Steel : 13mm (1/2")
	Wood (auger-bit) : 38mm (1-1/2")
	Wood (self-feed bit) Hi : 65mm (2-9/16")
	Wood (self-feed bit) Lo : 118mm (4-5/8")
No load speed (rpm)	Hi : 1,200
	Lo : 300
Overall length	462mm (18-3/16")
Net weight	6.3kg (13.9lbs)
Power supply cord	2.5m (8.2ft)

Items of standard equipment and specifications may vary by country or area.

Drilling / Fastening

Diamond Core Drill — DBM230



3-Speed change.

· LED light is provided to indicate overload.
· Equiped with earth leakage breaker.

Continuous rating Input	2,500W
Capacity	Concrete (with Diamond core bit) : 230mm (9")
No load speed (rpm)	3rd : 1,700 2nd : 1,040 1st : 390
Net weight	11.2kg (24.7lbs)

Diamond Core Drill — DBM131 Wet & Dry



Heavy duty wet diamond core drill with powerful 1,700W motor for shock-free and accurate drilling into concrete and natural stone.

· Electronic torque limitation and speed control for a constant speed even under load.



Continuous rating Input	1,700W
Capacity	Concrete (with Diamond core bit) Hi : 70mm (2-3/4") Concrete (with Diamond core bit) Lo : 132mm (5-3/16")
Tool holder	(Spindle) : M18
No load speed (rpm)	Hi : 0-2,300 Lo : 0-1100
Net weight	6.1kg (13.4lbs)

Diamond Core Drill — DBM130 Dry



Heavy duty dry diamond core drill with powerful 1,700W motor for shock-free and accurate drilling into brickwork.

· Equipped with a mechanical safety clutch, and electronic torque limitation and a speed control.



Continuous rating Input	1,700W
Capacity	Concrete (with Diamond core bit) Hi : 70mm (2-3/4") Concrete (with Diamond core bit) Lo : 132mm (5-3/16")
Tool holder	(Spindle) : M18
No load speed (rpm)	Hi : 0-3,000 Lo : 0-1,500
Net weight	5.6kg (12.3lbs)

Diamond Core Drill — DBM080 82mm (3-1/8") Dry



Best drilling performance with powerful 1,300W motor for the use in electrical and sanitary installation work.

· Convenient with electronic variable speed control.



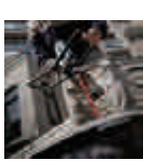
Continuous rating Input	1,300W
Capacity	Concrete (with Diamond core bit) : 82mm (3-1/4")
Tool holder	(Spindle) : M18
No load speed (rpm)	0-3,400
Net weight	3.8kg (8.4lbs)

Power Mixer — UT120 140mm (5-1/2")



The best mixer for dispersion paint, tile cement, structure plaster and filler.

· Equipped with a electronic speed control for soft start-up, constant speed, pre-selectable speed.



Continuous rating Input	1,150W
Blade diameter	140mm (5-1/2")
No load speed (rpm)	250-580
Net weight	5.0kg (11.0lbs)
Power supply cord	2.5m (8.2ft)

Mixer — UT1305

303



P120 C

Heavy duty and high speed mixer.

· Rear handle with soft rubber grip, ergonomically designed for comfortable operation.
· Dust cover effectively protects the motor and the transmission parts.



Wrenches, Side grip

Continuous rating Input	850W
Blade diameter	165mm (6-1/2")
No load speed (rpm)	1,300
Shank size of tool holder portion	M12
Dimensions (L x W x H)	942x87x152mm (37"x3-7/16"x6")
Net weight	3.3kg (7.3lbs)
Power supply cord	2.5m (8.2ft)

Mixer — UT2204

303



P120 C

Heavy duty and high torque mixer.

· Rear handle with soft rubber grip, ergonomically designed for comfortable operation.
· Dust cover effectively protects the motor and the transmission parts.



Wrenches, Side grip

Continuous rating Input	850W
Blade diameter	220mm (8-5/8")
No load speed (rpm)	550
Shank size of tool holder portion	M12 or M14
Dimensions (L x W x H)	929x89x152mm (36-1/2"x3-1/2"x6")
Net weight	3.4kg (7.5lbs)
Power supply cord	2.5m (8.2ft)

Drywall Screwdriver — FS2300 / FS2200

419



P120 C

Silent clutch for quiet operation (FS2300).

· Best possible tool body for screwdriving.
· Easy to bring pressure in line with center of driving bit axis.
· Bit holder and locator holder are provided.
· One touch locator, Durable belt clip.



Phillips insert bit x2, Magnetic bit holder

Continuous rating Input	570W
Capacity	Drywall screw : 5mm (3/16")
	Self drilling screw : 6mm (1/4")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	0-2,500
Dimensions (L x W x H)	FS2300 :
	290x70x207mm (11-3/8"x2-3/4"x8-1/8")
	FS2200 :
	287x70x207mm (11-1/4"x2-3/4"x8-1/8")
Net weight	1.6kg (3.5lbs)
Power supply cord	2.5m (8.2ft)

Dimensions : for countries providing noise suppressor and connect bit 60

Drywall Screwdriver — FS4000

419



120 A

Best possible tool body for screwdriving.

· Easy to bring pressure in line with center of driving bit axis.
· Plastic gear housing.
· Bit holder and locator holder are provided.
· One touch locator, Durable belt clip.



Phillips insert bit x2, Magnetic bit holder

Continuous rating Input	570W
Capacity	Drywall screw : 5mm (3/16")
	Self drilling screw : 6mm (1/4")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	0-4,000
Dimensions (L x W x H)	269x65x207mm (10-5/8"x2-9/16"x8-1/8")
Net weight	1.3kg (2.9lbs)
Power supply cord	2.5m (8.2ft)

Dimensions : for countries providing noise suppressor and connect bit 60

Drywall Screwdriver — FS4300 / FS4200

419



P120 D

Silent clutch for quiet operation (FS4300).

· Best possible tool body for screwdriving.
· Easy to bring pressure in line with center of driving bit axis.
· Bit holder and locator holder are provided.
· One touch locator, Durable belt clip.



Phillips insert bit x2, Magnetic bit holder

Continuous rating Input	570W
Capacity	Drywall screw : 5mm (3/16")
	Self drilling screw : 6mm (1/4")
Driving shank (Hex)	6.35mm (1/4")
	0-4,000
No load speed (rpm)	FS4300 :
Dimensions (L x W x H)	279x65x207mm (11"x2-9/16"x8-1/8")
Net weight	FS4300 :
	269x65x207mm (10-5/8"x2-9/16"x8-1/8")
	1.4kg (3.1lbs)
Power supply cord	2.5m (8.2ft)

Dimensions : for countries providing noise suppressor and connect bit 60

Drilling / Fastening

Drywall Screwdriver

FS6300 / FS6300R / FS6200

419





P120 D

Silent clutch for quiet operation and high speed (FS6300).

- Best possible tool body for screwdriving.
- Easy to bring pressure in line with center of driving bit axis.
- Bit holder and locator holder are provided.
- One touch locator, Durable belt clip.



Phillips insert bit x2, Magnetic bit holder

Continuous rating Input	570W
Capacity	Drywall screw : 4mm (5/32")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	0-6,000
Dimensions (L x W x H)	FS6300 / FS6300R :
	279x65x207mm (11"x2-9/16"x8-1/8")
	FS6200 :
	269x65x207mm (10-5/8"x2-9/16"x8-1/8")
Net weight	1.4kg (3.1lbs)
Power supply cord	FS6300 / FS6200R : 2.5m (8.2ft)
	FS6300R : 4.0m (13.1ft)

Dimensions : for countries providing noise suppressor and connect bit 60

Screwdriver

FS2500

419



P120 D

Best possible tool body for screwdriving.

- Easy connect bit allows for quick bit change without using pliers.
- One touch locator, Durable belt clip.



Magnetic socket bit

Continuous rating Input	570W
Capacity	Drywall screw : 5mm (3/16")
	Self drilling screw : 6mm (1/4")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	0-2,500
Dimensions (L x W x H)	280x70x207mm (11"x2-3/4"x8-1/8")
Net weight	1.5kg (3.3lbs)
Power supply cord	2.5m (8.2ft)

Dimensions : for countries providing noise suppressor

Screwdriver

FS2700

419



P120 D

6 Stage torque adjustment for a wide range of applications.

- Best possible tool body for screwdriving.
- Easy to bring pressure in line with center of driving bit axis.
- Bit holder is provided.
- Durable belt clip.



Continuous rating Input	570W
Capacity	Hex screw : 6mm (1/4")
	Drywall screw : 6mm (1/4")
	Self drilling screw : 6mm (1/4")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	0-2,500
Dimensions (L x W x H)	301x70x207mm (11-7/8"x2-3/4"x8-1/8")
Net weight	1.8kg (4.0lbs)
Power supply cord	2.5m (8.2ft)

Dimensions : for countries providing noise suppressor

Screwdriver

FS2701

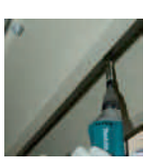
419



P120 D

6 Stage torque adjustment for a wide range of applications.

- Bit sleeve for easy bit change .
- Easy to bring pressure in line with center of driving bit axis.
- Bit holder is provided.
- Best possible tool body for screwdriving.
- Durable belt clip.



Continuous rating Input	570W
Capacity	Hex screw : 6mm (1/4")
	Drywall screw : 6mm (1/4")
	Self drilling screw : 6mm (1/4")
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	0-2,500
Dimensions (L x W x H)	283x70x207mm (11-1/8"x2-3/4"x8-1/8")
Net weight	1.7kg (3.8lbs)
Power supply cord	2.5m (8.2ft)

Dimensions : for countries providing noise suppressor

Auto Feed Screwdriver

6842

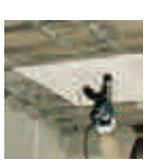
411



P120 E

More reliable sturdy aluminum casing attachment.

- Accept screw length up to 55mm.
- Stopper base provides anti-tilt device for preventing screws from swaying.
- Silent clutch features high durability.
- Screw guide designed to prevent collated screw strip from getting tangled.
- Reverse switch operable by one hand.



Phillips bit x3

Continuous rating Input	470W
Capacity	Drywall screw :
	4x25 - 55mm (5/32"x1" - 2-3/16")
Bit size	Hex Shank : 6.35mm (1/4")
No load speed (rpm)	4,700
Dimensions (L x W x H)	400x75x243mm (15-3/4"x2-15/16"x9-9/16")
Net weight	2.0kg (4.4lbs)
Power supply cord	2.5m (8.2ft)

Auto Feed Screwdriver — 6843

411



P120 E

More reliable sturdy aluminum casing attachment.

· Accept screw length up to 55mm.
· Stopper base provides anti-tilt device for preventing screws from swaying.
· Silent clutch features high durability.
· Screw guide designed to prevent collated screw strip from getting tangled.
· Reverse switch operable by one hand.



Phillips bit x3

Continuous rating Input	470W
Capacity	Drywall screw :
	4x25 - 55mm (5/32"x1" - 2-3/16")
Bit size	Hex Shank : 6.35mm (/4")
No load speed (rpm)	6,000
Dimensions (L x W x H)	400x75x243mm (15-3/4"x2-15/16"x9-9/16")
Net weight	2.0kg (4.4lbs)
Power supply cord	2.5m (8.2ft)

Auto Feed Screwdriver — 6844

411



P120 E

More reliable sturdy aluminum casing attachment.

· Accept screw length up to 75mm.
· Stopper base provides anti-tilt device for preventing screws from swaying.
· Silent clutch features high durability.
· Screw guide designed to prevent collated screw strip from getting tangled.
· Reverse switch operable by one hand.



Bit x3

Continuous rating Input	470W
Capacity	Drywall screw :
	4x45 - 75mm (5/32"x1- 3/4" - 2-15/16")
Bit size	Hex Shank : 6.35mm (1/4")
No load speed (rpm)	3,000
Dimensions (L x W x H)	440x75x243mm (17-1/4"x2-15/16"x9-9/16")
Net weight	2.1kg (4.5lbs)
Power supply cord	2.5m (8.2ft)

Auto Feed Screwdriver — 6845

411



P120 E

Compact and lightweight design for high maneuverability.

· Accept screw length up to 41mm.
· Stopper base provides anti-tilt device for preventing screws from swaying.
· Silent clutch features high durability.
· Reverse switch operable by one hand.



Phillips bit x3

Continuous rating Input	470W
Capacity	Drywall screw :
	4x25 - 41mm (5/32"x1" - 1-5/8")
Bit size	Hex Shank : 6.35mm (1/4")
No load speed (rpm)	4,700
Dimensions (L x W x H)	333x83x247mm (13-1/8"x3-1/4"x9-3/4")
Net weight	1.9kg (4.2lbs)
Power supply cord	2.5m (8.2ft)

Auto Feed Screwdriver — 6841R

411



P120 E

More efficient work because magazine contains 100 screws.

· Indicator line for feeding position.
· Quiet and quick shooting with silent clutch.
· Ergonomically designed handle with rubberized soft grip.
· 3-stage stopper base setting to accommodate various screw lengths.



Phillips bit x3

Continuous rating Input	470W
Capacity	Drywall screw :
	4x25 - 41mm (5/32"x1" - 1-5/8")
Bit size	Hex Shank : 6.35mm (1/4")
No load speed (rpm)	6,000
Dimensions (L x W x H)	333x83x247mm (13-1/8"x3-1/4"x9-3/4")
Net weight	2.0kg (4.4lbs)
Power supply cord	4.0m (13.1ft)

Impact Wrench — TW0350 1/2" (12.7mm)

411



P120 F

Incredibly high torque of 350N.m (260ft.lbs).

· Rocker type switch for easy forward or reverse operation.
· Externally accessible carbon brushes for easy maintenance.



Socket

Continuous rating Input	400W
Capacity	Standard bolt : M12 - M22 (1/2" - 7/8")
	High tensile bolt : M12 - M16 (1/2" - 5/8")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	2,000
No load speed (rpm)	2,000
Max. fastening torque	350N·m (260ft.lbs)
Overall length	282mm (11-1/8")
Net weight	3.0kg (6.6lbs)
Power supply cord	2.5m (8.2ft)

Drilling / Fastening

Impact Wrench — 6905H 1/2" (12.7mm)



P120

Powerful torque of 294N.m (220ft.lbs) packed in well balanced light body.

· Rugged housing with rubber bumper for long tool life.





Socket x3

Continuous rating Input	470W
Capacity	Standard bolt : M12 - M20 (1/2" - 3/4")
	High tensile bolt : M12 - M16 (1/2" - 5/8")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	2,600
No load speed (rpm)	2,200
Max. fastening torque	294N·m (220ft.lbs)
Overall length	275mm (10-7/8")
Net weight	2.3kg (5.1lbs)
Power supply cord	2.5m (8.2ft)

Impact Wrench — 6905B 1/2" (12.7mm)



P120

Tough worker for fast running of nuts, bolts (Max. fastening torque : 294N.m [220ft.lbs]).

· Aluminum hammer case with high durability.
· Convenient rocker type switch for forward and reverse operation.
· Externally accessible carbon brushes for easy maintenance.





Socket x3

Continuous rating Input	440W
Capacity	Standard bolt : M12 - M20 (1/2" - 3/4")
	High tensile bolt : M12 - M16 (1/2" - 5/8")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	2,000
No load speed (rpm)	1,700
Max. fastening torque	294N·m (220ft.lbs)
Overall length	270mm (10-5/8")
Net weight	2.8kg (6.2lbs)
Power supply cord	2.5m (8.2ft)

Impact Wrench — TW0200 1/2" (12.7mm)



P120

Aluminum hammer case with high durability (200N.m [150ft.lbs]).

· Compact body size ; 251mm (9-7/8").
· Ergonomics palm fitting soft grip.
· Externally accessible carbon brushes for easy maintenance.





Socket x3

Continuous rating Input	380W
Capacity	Standard bolt : M10 - M16 (3/8" - 5/8")
	High tensile bolt : M10 - M12 (3/8" - 1/2")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	0-2,200
No load speed (rpm)	0-2,200
Max. fastening torque	200N·m (150ft.lbs)
Overall length	251mm (9-7/8")
Net weight	2.2kg (4.9lbs)
Power supply cord	2.5m (8.2ft)

Impact Wrench — 6904VH 1/2" (12.7mm)



P120

Versatile impact wrench for fastening nuts, bolts, and even lag screws (Max. fastening torque : 196N.m [145ft.lbs]).

· 2 speed selection with variable speed in both ranges.
· Light weight design for comfort and control.
· Rugged housing with rubber bumper for long tool life.
· Optional bit adapter for driving wood bits.





Socket x3

Continuous rating Input	360W
Capacity	Standard bolt : M10 - M16 (3/8" - 5/8")
	High tensile bolt : M10 - M12 (3/8" - 1/2")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	Hi : 0-3,000
	Lo : 0-2,500
No load speed (rpm)	Hi : 0-2,400
	Lo : 0-2,100
Max. fastening torque	Hi : 196N·m (145ft.lbs)
	Lo : 147N·m (109ft.lbs)
Overall length	265mm (10-3/8")
Net weight	1.8kg (4.0lbs)
Power supply cord	2.5m (8.2ft)

Impact Wrench — 6953 1/2" (12.7mm)



P120

Compact body (overall length: 233mm) with palm-fitting soft grip for superior handling (Max. fastening torque : 150N.m [110ft.lbs]).

· Removable belt clip can be attached on both sides of the tool.
· Externally accessible carbon brushes for easy maintenance.





Continuous rating Input	280W
Capacity	Standard bolt : M10 - M16 (3/8" - 5/8")
	High tensile bolt : M8 - M12 (5/16" - 1/2")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	0-3,000
No load speed (rpm)	0-3,000
Max. fastening torque	150N·m (110ft.lbs)
Overall length	233mm (9-1/8")
Net weight	1.5kg (3.3lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with socket.

Impact Wrench

6906 3/4" (19mm)

100



P120 F

Powerful torque of 588N.m(441ft.lbs) for super-duty applications.

· Rocker type reversing switch for easy one handed forward or reverse operation.
· Slide handle adjusts 360degrees for operation convenience at any angle.
· Externally accessible carbon brushes for easy maintenance.



Side grip, Socket

Continuous rating Input	*850W*
Capacity	*Standard bolt : M16 - M22 (5/8" - 7/8")*
	High tensile bolt : M16 - M20 (5/8" - 3/4")
	Square drive : 19mm (3/4")
Impacts per minute (ipm)	*1,600*
No load speed (rpm)	*1,700*
Max. fastening torque	*588N·m (441ft.lbs)*
Overall length	*327mm (12-7/8")*
Net weight	*5.6kg (12.3lbs)*
Power supply cord	*2.5m (8.2ft)*

Impact Wrench

TW1000 1" (25.4mm)

153



P120 F

Robust high torque Impact Wrench for heavy-duty application (1,000N.m[738ft.lbs]).

· Rocker switch provides easy reversing.
· Rubber bumper for tool body protection.
· Features hanging hook for comfortable operation.



Socket 24-45, Side grip

Continuous rating Input	*1,200W*
Capacity	*Standard bolt : M24 - M30 (15/16" - 1-3/16")*
	High tensile bolt : M22 - M24 (7/8" - 15/16")
	Square drive : 25.4mm (1")
Impacts per minute (ipm)	*1,500*
No load speed (rpm)	*1,400*
Max. fastening torque	*1,000N·m (738ft.lbs)*
Overall length	*382mm (15")*
Net weight	*8.6kg (19.0lbs)*
Power supply cord	*2.5m (8.2ft)*

Shear Wrench

6922NB M16 (5/8"), M20 (3/4"), M22 (7/8")

411



P120 G

Anti-slipping mechanism: tool won't start until inner sleeve engages with bolt tip.

· Handy tip lever for ejecting sheared tips.
· Compact and light weight.
· Rubber bumper for tool body protection.



Inner sleeve (20-38, 22-39) 2, Outer sleeve (20-37, 22-39) 2, - Screwdriver

Continuous rating Input	*1,330W*
Capacity	*Bolt : M16, M20, M22 (5/8", 3/4", 7/8")*
No load speed (rpm)	*18*
Max. fastening torque	*803N·m (600ft.lbs)*
Dimensions (L x W x H)	*249x84x252mm (9-13/16"x3-5/16"x9-15/16")*
Net weight	*4.8kg (10.6lbs)*
Power supply cord	*2.5m (8.2ft)*

Shear Wrench

6924N M22(7/8"), M24(1"), SHTB22

303



P120 G

Shear Wrench for tightening M24 (1") torque shear bolt.

· Efficiently tightens M22 and M24 torque shear bolts.
· Features lever for ejecting sheared bolt tip.
· Anti-slipping mechanism.
· Bumper for tool body protection.



Outer sleeve (M24, 1"), Inner sleeve (M24), - Screwdriver

Continuous rating Input	*1,050W*
Capacity	*Bolt : M22, M24, 7/8", 1"*
	Super high tensile bolt : M22
No load speed (rpm)	*19*
Max. fastening torque	*1,100N·m (810ft.lbs)*
Dimensions (L x W x H)	*330x104x257mm (13"x4-1/8"x10-1/8")*
Net weight	*7.5kg (16.5lbs)*
Power supply cord	*2.5m (8.2ft)*

Magnetic Drill

HB500 50mm (2")



Heavy duty magnetic drill. (240V/5.3Ah)

· Magnetic base, drill stand, and drill machine all in one package system enables for easy setting.
· Powerful magnetic base supports stable and comfortable drilling work.
· Equipped with oil supply system for smooth drilling.



Quick release arbor, Small oil cup assembly and clip, Carrying case, Safety guard, Polyester safety strap, Integral oil feed steady allen keys

Continuous rating Input	*1,150W*
Capacity	*Steel : 50mm (2")*
No load speed (rpm)	*350/650*
Magnetic clamping force	*Minimum 2000PSI/907kgs*
Net weight	*17.9kg (39.5lbs)*

50/60Hz

Items of standard equipment and specifications may vary by country or area.

Accessories

A Impact Driver

Page 309, 374, 393

Phillips bit

Socket bit

1/4"Hex shank drill bit



B Drill, Angle Drill

Page 121, 309, 374 486, 555

Angle attachment

Extension attachment

Drill bit for straight shank

Hole saw

BiM holesaw

Keyless Drill chuck, Drill chuck





C Power Mixer

Page 555

Mixing blade



D Drywall Screwdriver, Screwdriver

Page 122, 123, 374

Phillips bit

Socket bit

Phillips insert bit

Bit holder

Locator assembly



E Auto Feed Screwdriver

Page 121, 374, 555

Drywall screw strip

Phillips bit

Extension handle



F Impact Wrench

Page 121, 374

Socket

Socket

Extension bar

Universal joint

Phillips bit

Bit adapter assembly

Socket bit



G Shear Wrench

Page 122

Sleeve size reference table











Accessories

Angle attachment

(For drilling in close quarters,

incorners, between joists and studs.)





Model No.	No load speed	Part No.
DS4010,DS4011, DS5000, 6013B, 6013BR	High:800rpm Low:350rpm	STEX122177
DA4000LR	High:900rpm Low:400rpm	193316-1

Extension attachment





Model No.	Part No.
DA4000LR	193317-9

Type 43 drill stand

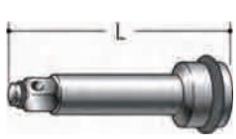
For Neck diameter 43mm Models



Part No.
A-36712

Extension bar

(With pin and O ring)



For narrow places

* Cordless Impact Wrench

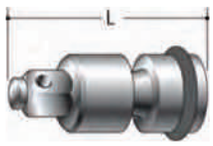
Model No.	Size	L (mm)	Part No.
* 6953, 6904VH, 6905B, 6905H, TW0200, TW0350	1/2"	100	134874-8
6906	3/4"	150	134869-1
6910, TW1000	1"	200	134870-6

Universal joint

(With pin and O ring)

For use in tight areas where the tool cannot

be held in line with bolt or nut



* Cordless Impact Wrench

Model No.	Size	L (mm)	Part No.
* 6953, 6904VH, 6905B, 6905H, TW0200, TW0350	1/2"	84	134877-2
6906	3/4"	105.5	134876-4

Bit adapter assembly

(With pin and O ring)



* Cordless Impact Wrench

(exclude Model BTW450)

Model No.	Size	Part No.
* 6904VH, 6953, TW0200	1/2"	134873-0

Grip assembly



Model No.	Part No.
6906	122464-9
6910	123018-5
TW1000	122727-3

Power supply cord unit set



Model No.	Part No.
6825R	194330-0
FS6300R	194906-3

Extension handle





Model No.	Part No.
6833, 6834, 6836, 6830	192501-3
6841R, 6842, 6843, 6844, 6845, DFR440, DFR540, DFR550, DFR750	194500-1

Accessories

Sleeve size reference table

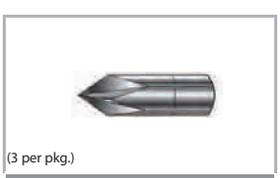
For Model:

6922NB

*Type F

	Sleeve	Bolt Size	L (mm)	Part No.
Outer sleeve				
	Outer sleeve	M16	35	764362-7
	Outer sleeve	M20	37	764361-9
	Outer sleeve	M22	39	153909-6
	Outer sleeve	M22,7/8"	85	764364-3
	Outer sleeve	5/8"	35	764362-7
	Outer sleeve	3/4"	37	764361-9
	Outer sleeve	3/4"	83	764363-5
Inner sleeve				
	Inner sleeve	M16	36	764416-0
				*764421-7
	Inner sleeve	M20	38	764417-8
				*764422-5
	Inner sleeve	M22,7/8"	39	764418-6
				*764423-3
	Inner sleeve	M22,7/8"	85	764352-0
	Inner sleeve	5/8"	36	764420-9
	Inner sleeve	3/4"	38	764419-4
	Inner sleeve	3/4"	84	764353-8
For Model:				
6924N				
	Outer sleeve	M22	49	194033-6
	Outer sleeve	7/8"	49	194092-0
	Outer sleeve	M24,1"	49	194034-4
	Inner sleeve	M22,7/8"	48	194310-6
	Inner sleeve	1"	49	194312-2
	Inner sleeve	M24	49	194311-4

Bit, Magnetic bit holder and Locator assembly for Drywall Screwdrivers



(3 per pkg.)

Phillips insert bit	
Size	Part No.
Ph 2-25	798398-4
Ph 3-25	798314-6



Magnetic bit holder type MZ	
Size	Part No.
6.35-60	784811-8
6.35-76	784801-1



Locator assembly	
Type	Part No.
Short	197025-4
Long	197024-6



FS2500, FS6300,FS6300R, FS4300, FS2300, FS6200, FS4200, FS2200, DFS440, DFS441, DFS450, DFS451, DFS452





Accessories

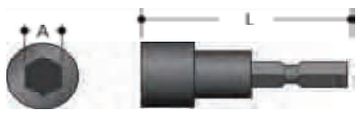
Phillips bit



N Type

Size	L (mm)	Type	Per pkg.	Part No.
No.2	45	NZ	3	798308-1
No.2	45	NZ-Hard	1	784229-3
No.3	45	NZ	3	798310-4

Socket bit



1 per pkg.

*For self drilling screw
**Magnetic socket bit

Bolt Size	A (mm)	L (mm)	Type	Part No.
M4	7	55	NZ	784402-5
M5	8	55	NZ	784403-3
1/4''	3/8''	55	NZ	*784404-1
3/16''	5/16''	55	NZ	**784808-7
1/4''	3/8''	55	NZ	**784809-5
M6	10	55	NZ	784405-9
M8	13	55	NZ	784408-3
M8	14	55	NZ	784409-1



Front cap

Size	Part No.
12	322070-2
15.5	322069-7

FS2700

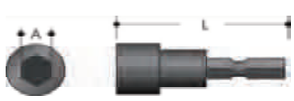




Front cap

Size	Part No.
-	322120-3
12	322263-1
1/4''	322124-5
5/16''	322125-3
3/8''	322119-8
7/16''	322126-1

Magnetic socket bit

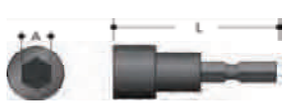


DIN, E Form, M Type

*Non-magnetic socket bit

Bolt Size	A (mm)	L (mm)	Type	Part No.
L=50mm bit				
Magnetic bit holder + C Form (L=25mm)				
1/8''	1/4''	65	MZ	784803-7
3/16''	5/16''	65	MZ	784804-5
M5	8mm	65	MZ	*784415-6
1/4''	3/8''	65	MZ	784802-9
M6	10mm	65	MZ	784806-1
1/2''	7/16''	65	MZ	784805-3
1/2''	7/16''	65	MZ	*784414-8

Magnetic socket bit



1 per pkg.

*Non-magnetic socket bit

Bolt Size	A (mm)	L (mm)	Type	Part No.
1/8''	1/4''	65	MZ	784803-7
3/16''	5/16''	65	MZ	784804-5
M5	8mm	65	MZ	*784415-6
1/4''	3/8''	65	MZ	784802-9
M6	10mm	65	MZ	784806-1
1/2''	7/16''	65	MZ	784805-3
1/2''	7/16''	65	MZ	*784414-8



Locator assembly

Size	Part No.
1/4''	195605-0
5/16''	195603-4
3/8''	195604-2

FS2500



FS2701



PRODUCTS

IMPACT DRILLING / DEMOLITION



- Double Insulation
- Variable Speed
- Brake
- Reversing
- Mechanical 2-Speed
- Mechanical 3-Speed
- Keyless Chuck
- Torque Setting 16
- Torque Setting 18
- Torque Setting 21
- SDS-PLUS Shank
- SDS-MAX Shank
- 17mm Hex Shank
- 19mm Hex Shank
- 21mm Hex Shank
- 28.6mm Hex Shank
- Spline Shank
- 30mm Hex Shank
- Torque Limiter
- Constant Speed
- Soft Start
- Dust Collecting
- Built-in Job Light
- Carrying Case

Under load

AVT
ANTI VIBRATION TECHNOLOGY

ALWAYS low Vibration

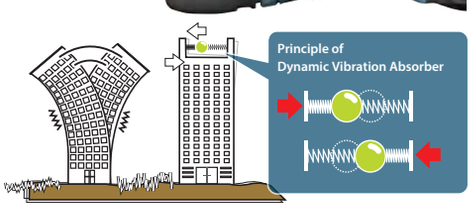
During no-load

SOFT NO LOAD

Active dynamic vibration absorber

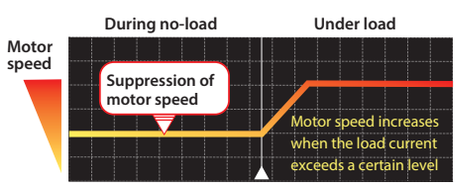
- ensures operation with extremely low vibration.
- allows tool design with flat body sides for better handling.





Suppression of motor speed

- reduces vibration of tool body when idling, accordingly decreases the amount of vibration to operator's hands during a day's operation.
- minimizes deflection of bit tip from aiming point when starting chipping.



Hammer Drill

HP1230 12mm (15/32")

419



P143 A

Aluminum gear housing provides high quality and toughness.

- Compact and lightweight design.
- 2 operation modes - hammering with rotation and rotation only.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Easy-to-operate large trigger switch and lock-on button.



Chuck key, Depth gauge, Side grip

Continuous rating Input	*400W*
Capacity	*Concrete : 12mm (15/32")*
	Steel : 10mm (3/8")
	Wood : 15mm (9/16")
Impacts per minute (ipm)	*0 - 31,900*
No load speed (rpm)	*0 - 2,900*
Dimensions (L x W x H)	*239x67x188mm (9-3/8"x2-5/8"x7-3/8")*
Net weight	*1.6kg (3.6lbs)*
Power supply cord	*2.0m (6.6ft)*

Hammer Drill

HP1631 16mm (5/8")

85



P143 A

High power 710W motor.

- Ergonomically designed handle with rubberized soft grip.
- Sturdy cylinder-shaped motor housing.



Side grip

Continuous rating Input	*710W*
Capacity	*Concrete : 16mm (5/8")*
	Steel : 13mm (1/2")
	Wood : 30mm (1-3/16")
Impacts per minute (ipm)	*0-48,000*
No load speed (rpm)	*0-3,200*
Dimensions (L x W x H)	*296x75x204mm (11-5/8"x2-15/16"x8")*
Net weight	*2.0kg (4.4lbs)*
Power supply cord	*2.0m (6.6ft)*

Hammer Drill

HP1630 16mm (5/8")

85



P143 A

Powerful motor.

- Ergonomically designed handle with rubberized soft grip.
- Sturdy cylinder-shaped motor housing.



Chuck key, Side grip

Continuous rating Input	*710W*
Capacity	*Concrete : 16mm (5/8")*
	Steel : 13mm (1/2")
	Wood : 30mm (1-3/16")
Impacts per minute (ipm)	*0-48,000*
No load speed (rpm)	*0-3,200*
Dimensions (L x W x H)	*296x75x204mm (11-5/8"x2-15/16"x8")*
Net weight	*2.1kg (4.6lbs)*
Power supply cord	*2.0m (6.6ft)*

Hammer Drill

HP1641F / HP1641 16mm (5/8")

419



P143 A

Dual purpose for "Rotation only" and "Rotation with hammering" (with keyless drill chuck).

- New reversing system allows: Extended service life of carbon brush. No power reduction even in reverse rotation.
- Large trigger switch for easy operation.
- Keyless drill chuck for fast and easy bit installation.
- HP1641F : LED job light for more illuminated, accurate work.



▼HP1641F

Side grip, Depth gauge

Continuous rating Input	*680W*
Capacity	*Concrete : 16mm (5/8")*
	Steel : 13mm (1/2")
	Wood : 30mm (1-3/16")
Impacts per minute (ipm)	*0-44,800*
No load speed (rpm)	*0-2,800*
Dimensions (L x W x H)	*303x72x222mm (11-7/8"x2-13/16"x8-3/4")*
Net weight	*2.0kg (4.3lbs)*
Power supply cord	*2.0m (6.6ft)*

Hammer Drill

HP1640F / HP1640 16mm (5/8")

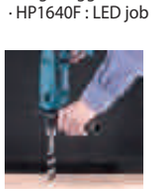
419



P143 A

Dual purpose for "Rotation only" and "Rotation with hammering".

- New reversing system allows: Extended service life of carbon brush. No power reduction even in reverse rotation.
- In-line positive grip design maximizes power thrust.
- Large trigger switch for easy operation.
- HP1640F : LED job light for more illuminated, accurate work.



▼HP1640F

Side grip, Depth gauge, Chuck key

Continuous rating Input	*680W*
Capacity	*Concrete : 16mm (5/8")*
	Steel : 13mm (1/2")
	Wood : 30mm (1-3/16")
Impacts per minute (ipm)	*0-44,800*
No load speed (rpm)	*0-2,800*
Dimensions (L x W x H)	*303x72x222mm (11-7/8"x2-13/16"x8-3/4")*
Net weight	*2.0kg (4.5lbs)*
Power supply cord	*2.0m (6.6ft)*

Impact Drilling / Demolition

2-Speed Hammer Drill — HP2071F / HP2071 20mm (3/4")

419



P143 A

High power in slender and compact body with durable metal gear housing (with keyless drill chuck).

- Dual purpose for "Rotation only" and "Rotation with hammering".
- Built-in torque limiter stops bit rotation when hitting reinforcements.
- New reversing system allows: Extended service life of carbon brush. No power reduction even in reverse rotation.
- HP2071F : LED job light for more illuminated, accurate work.



HP2071F ▼



● Side grip, Depth rod

Continuous rating Input	1,010W
Capacity	Concrete : 20mm (3/4")
	Steel Hi : 8mm (5/16")
	Steel Lo : 16mm (5/8")
	Wood Hi : 25mm (1")
	Wood Lo : 40mm (1-9/16")
Impacts per minute (ipm)	Hi : 0-58,000
	Lo : 0-24,000
No load speed (rpm)	Hi : 0-2,900
	Lo : 0-1,200
Overall length	362mm (14-1/4")
Net weight	2.5kg (5.6lbs)
Power supply cord	2.5m (8.2ft)

2-Speed Hammer Drill — HP2070F / HP2070 20mm (3/4")

419



P143 A

High power in slender and compact body with durable metal gear housing.

- Dual purpose for "Rotation only" and "Rotation with hammering".
- Built-in torque limiter stops bit rotation when hitting reinforcements.
- New reversing system allows: Extended service life of carbon brush. No power reduction even in reverse rotation.
- HP2070F : LED job light for more illuminated, accurate work.



▼ HP2070F



● Chuck key, Side grip, Depth rod

Continuous rating Input	1,010W
Capacity	Concrete : 20mm (3/4")
	Steel Hi : 8mm (5/16")
	Steel Lo : 16mm (5/8")
	Wood Hi : 25mm (1")
	Wood Lo : 40mm (1-9/16")
Impacts per minute (ipm)	Hi : 0-58,000
	Lo : 0-24,000
No load speed (rpm)	Hi : 0-2,900
	Lo : 0-1,200
Overall length	362mm (14-1/4")
Net weight	2.5kg (5.6lbs)
Power supply cord	2.5m (8.2ft)

2-Speed Hammer Drill — HP2051F / HP2051 20mm (3/4")

419



P143 A

Slender and compact body with durable metal gear housing (with keyless drill chuck).

- Extra-low vibration level for reduced operator fatigue.
- Dual purpose for "Rotation only" and "Rotation with hammering".
- Built-in torque limiter stops bit rotation when hitting reinforcements.
- Industrial strength keyless chuck.
- HP2051F : Features a built-in LED job light.



▼ HP2051F



● Side grip, Depth rod

Continuous rating Input	720W
Capacity	Concrete : 20mm (3/4")
	Steel Hi : 8mm (5/16")
	Steel Lo : 13mm (1/2")
	Wood Hi : 25mm (1")
	Wood Lo : 40mm (1-9/16")
Impacts per minute (ipm)	Hi : 0-58,000
	Lo : 0-24,000
No load speed (rpm)	Hi : 0-2,900
	Lo : 0-1,200
Overall length	360mm (14-1/8")
Net weight	2.5kg (5.6lbs)
Power supply cord	2.5m (8.2ft)

2-Speed Hammer Drill — HP2050F / HP2050 20mm (3/4")

419



P143 A

Slender and compact body with durable metal gear housing.

- Extra-low vibration level for reduced operator fatigue.
- Dual purpose for "Rotation only" and "Rotation with hammering".
- Built-in torque limiter stops bit rotation when hitting reinforcements.
- Industrial strength keyed chuck.
- HP2050F : Features a built-in LED job light.



▼ HP2050F



● Chuck key, Side grip, Depth rod

Continuous rating Input	720W
Capacity	Concrete : 20mm (3/4")
	Steel Hi : 8mm (5/16")
	Steel Lo : 13mm (1/2")
	Wood Hi : 25mm (1")
	Wood Lo : 40mm (1-9/16")
Impacts per minute (ipm)	Hi : 0-58,000
	Lo : 0-24,000
No load speed (rpm)	Hi : 0-2,900
	Lo : 0-1,200
Overall length	362mm (14-1/4")
Net weight	2.5kg (5.6lbs)
Power supply cord	2.5m (8.2ft)

2-Speed Hammer Drill — HP2010N 20mm (3/4")

106



P143 A

Industrial metal gear housing for long lasting durability.

- Two speed gear change for ideal speed and power.
- Variable speed switch for easy starting of holes.
- Adjustable side handle for greater control.
- With reversible feature.





● Chuck key, Side grip, Depth rod

Continuous rating Input	750W
Capacity	Concrete : 20mm (3/4")
	Steel : 13mm (1/2")
	Wood : 40mm (1-9/16")
Impacts per minute (ipm)	Hi : 0-46,000
	Lo : 0-18,000
No load speed (rpm)	Hi : 0-2,300
	Lo : 0-900
Overall length	350mm (13-3/4")
Net weight	2.9kg (6.4lbs)
Power supply cord	2.5m (8.2ft)

Diamond Core Hammer Drill — 8406

106



P143 A

Fast drilling in Ferro concrete / brick with powerful motor.

· Torque limiter disengages clutch at preset level.



Chuck key, Side grip

Continuous rating Input	850W
Capacity	Concrete (with Diamond core bit) : 152mm (6")
	Steel : 13mm (1/2")
	Wood : 30mm (1-1/8")
Impacts per minute (ipm)	0-22,500
No load speed (rpm)	0-1,500
Overall length	400mm (15-3/4")
Net weight	3.7kg (8.1lbs)
Power supply cord	2.5m (8.2ft)

Diamond Core Hammer Drill — 8406C

253



P143 A

Fast drilling in Ferro concrete / brick with powerful motor.

· Torque limiter disengages clutch at preset level.
· With electronic speed control.



Chuck key, Side grip

Continuous rating Input	1,400W
Capacity	Concrete (with Diamond core bit) : 120mm (4-3/4")
	Concrete (with T.C.T. bit) : 20mm (3/4")
	Brick (with Diamond core bit) : 152mm (6")
	Steel : 13mm (1/2")
	Wood : 35mm (1-3/8")
Impacts per minute (ipm)	Hi : 28,800-64,000
	Lo : 14,400-32,000
No load speed (rpm)	Hi : 1,800-4,000
	Lo : 900-2,000
Overall length	455mm (15-15/16")
Net weight	4.4kg (9.7lbs)
Power supply cord	2.5m (8.2ft)

Product Comparison List

Model No.		Mode	Capacity	Continuous rating Input	AVT	LED Light	Quick change
 HR2300	HR2300	2 mode: Hammering with Rotation; Rotation	23mm	720W	✗	✗	✗
	HR2600		26mm	800W	✗	✗	✗
	HR2601			800W	✓	✗	✗
 HR2631FT	HR2320T	3 mode: Hammering with Rotation; Rotation; Hammering	23mm	720W	✗	✗	✓
	HR2630		26mm	800W	✗	✗	✗
	HR2631F			800W	✓	✓	✗
	HR2630T			800W	✗	✗	✓
	HR2631FT			800W	✓	✓	✓
 HR2641	HR2641 (D handle)			800W	✓	✗	✗

Items of standard equipment and specifications may vary by country or area.

Impact Drilling / Demolition

Rotary Hammer

HR1830F / HR1830 18mm (11/16") Adapted for SDS-PLUS bits

419



P143 B

Light weight and compact design.

- Extra-low vibration under no load running.
- Rotation reversing system using brush holder unit.
- 2 operation modes : Hammering with rotation and rotation only.
- HR1830F : Features a built-in LED job light.



▼HR1830F



● Depth gauge, Side grip

Continuous rating Input	440W
Impact energy	1.2J
Capacity	Concrete : 18mm (11/16")
	Concrete (with Diamond core bit) : 65mm (2-9/16")
	Steel : 13mm (1/2")
	Wood : 24mm (15/16")
Impacts per minute (ipm)	0-5,000
No load speed (rpm)	0-1,500
Sound pressure level	86dB(A)
Sound power level	97dB(A)
Vibration level	hammer drilling: 14m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	279x66x208mm (10-7/8"x2-5/8"x8-3/16")
Net weight	1.9kg (4.2lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Rotary Hammer

HR2230 22mm (7/8") Adapted for SDS-PLUS bits

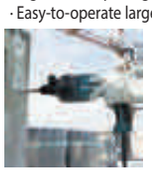
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P143 B

High durability in mechanical parts, motor and carbon brush.

- 2 operation modes -hammering with rotation and rotation only.
- Speed and torque in reverse are the same as forward rotation by using brush holder unit.
- One-touch sliding chuck enables easy bit change.
- Ergonomically designed rubberized grip provides more control and comfort.
- Easy-to-operate large trigger switch and lock-on button.





● Side grip, Depth gauge

Continuous rating Input	710W
Impact energy	2.3J
Capacity	Concrete : 22mm (7/8")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,050
No load speed (rpm)	0 - 1,050
Sound pressure level	89dB(A)
Sound power level	100dB(A)
Vibration level	hammer drilling: 15m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	357x84x214mm (14"x3-5/16"x8-3/8")
Net weight	2.6kg (5.8lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Combination Hammer

HR2320T 23mm (7/8") Adapted for SDS-PLUS bits

325

new





Quick Change Drill Chuck

P143 B

Easy-to-grip handle ergonomically designed to give maximum power thrust.

- 3 operation modes - hammering, hammering with rotation, rotation.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.
- Quick change drill chuck from SDS-plus to 3 jaw chuck literally in a second.





● Quick change drill chuck, Side grip, Depth gauge

Continuous rating Input	720W
Impact energy	2.3J
Capacity	Concrete : 23mm (7/8")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,600
No load speed (rpm)	0-1,200
Sound pressure level	91dB(A)
Sound power level	102dB(A)
Vibration level	hammer drilling: 15.5m/s²
	chiselling: 10.5m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	380x77x209mm (15"x3"x8-1/4")
Net weight	2.9kg (6.3lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Rotary Hammer

HR2300 23mm (7/8") Adapted for SDS-PLUS bits

325



P143 B

Easy-to-grip handle ergonomically designed to give maximum power thrust.

- 2 operation modes -hammering with rotation and rotation only.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.





● Side grip, Depth gauge

Continuous rating Input	720W
Impact energy	2.3J
Capacity	Concrete : 23mm (7/8")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,600
No load speed (rpm)	0-1,200
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	hammer drilling: 15.5m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	356x77x209mm (14"x3"x8-1/4")
Net weight	2.7kg (5.9lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Combination Hammer

HR2470FT / HR2470T 24mm (15/16") Adapted for SDS-PLUS bits

325



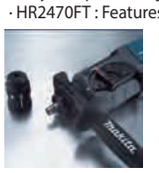


Quick Change Drill Chuck

P143 B

Quick change keyless drill chuck: from SDS-plus to 3 jaw chuck literally in a second.

- 3 operation modes - hammering, hammering with rotation, rotation.
- Speed and torque in reverse are the same as forward rotation by using Brush Holder Unit.
- One-Touch Sliding Chuck enables easy bit change.
- Easy-to-operate large trigger switch and lock-on button.
- HR2470FT : Features a built-in LED Job Light.



▼HHR2470FT



● Quick change drill chuck, Side grip, Depth gauge

Continuous rating Input	780W
Impact energy	2.7J
Capacity	Concrete : 24mm (15/16")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,500
No load speed (rpm)	0 - 1,100
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	chiselling: 12.5m/s²
	hammer drilling: 15.5m/s²
	drilling: 4.5m/s²
Dimensions (L x W x H)	394x84x214mm (15-1/2"x3-5/16"x8-3/8")
Net weight	3.0kg (6.7lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Combination Hammer

HR2470F / HR2470 24mm (15/16") Adapted for SDS-PLUS bits

325



P143 B

High durability in mechanical parts, motor and carbon brush.

· 3 operation modes - hammering, hammering with rotation, rotation.
· Speed and torque in reverse are the same as forward rotation by using Brush Holder Unit.
· One-Touch Sliding Chuck enables easy bit change.
· Easy-to-operate large trigger switch and lock-on button.
· HR2470F : Features a built-in LED Job Light.



▼HR2470F



● Side grip, Depth gauge

Continuous rating Input	780W
Impact energy	2.7J
Capacity	Concrete : 24mm (15/16")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,500
No load speed (rpm)	0 - 1,100
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	chiselling: 12.5m/s²
	hammer drilling: 15.5m/s²
	drilling: 4.5m/s²
Dimensions (L x W x H)	370x84x214mm (14-1/2"x3-5/16"x8-3/8")
Net weight	2.9kg (6.4lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Rotary Hammer

HR2460F / HR2460 24mm (15/16") Adapted for SDS-PLUS bits

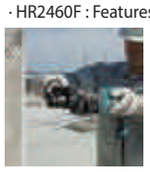
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P143 B

High durability in mechanical parts, motor and carbon brush.

· 2 operation modes -hammering with rotation and rotation only.
· Speed and torque in reverse are the same as forward rotation by using Brush Holder Unit.
· One-Touch Sliding Chuck enables easy bit change.
· Easy-to-operate large trigger switch and lock-on button.
· HR2460F : Features a built-in LED Job Light.



▼HR2460F



● Side grip, Depth gauge

Continuous rating Input	780W
Impact energy	2.7J
Capacity	Concrete : 24mm (15/16")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,500
No load speed (rpm)	0 - 1,100
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	hammer drilling: 15.5m/s²
	drilling: 4.5m/s²
Dimensions (L x W x H)	362x84x214mm (14-1/4"x3-5/16"x8-3/8")
Net weight	2.8kg (6.1lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Combination Hammer

HR2475 24mm (15/16") Adapted for SDS-PLUS bits

419



P143 B

High durability in mechanical parts, motor and carbon brush.

· 3 operation modes - hammering, hammering with rotation, rotation.
· Ergonomic D-shaped handle with rubberized soft grip provides more comfort and better control while minimizing hand fatigue and pain.
· One-touch sliding chuck for easy bit change.





● Side handle, Depth gauge

Continuous rating Input	780W
Impact energy	2.7J
Capacity	Concrete : 24mm (15/16")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,500
No load speed (rpm)	0-1,100
Sound pressure level	89dB(A)
Sound power level	100dB(A)
Vibration level	chiselling: 10.5m/s²
	hammer drilling: 15.5m/s²
	drilling: 3m/s²
Dimensions (L x W x H)	429x84x158mm (16-7/8"x3-5/16"x6-1/4")
Net weight	3.0kg (6.6lbs)
Power supply cord	4.0m (13.1ft)

Tool does not come with bit.

Combination Hammer with Dust Extraction

HR2432 24mm (1") Adapted for SDS-PLUS bits

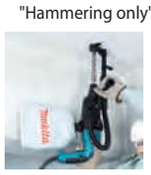
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P143 B

Features dust extraction, ensuring clean operation.

· Big fan provides Incredibly high dust extraction power.
· Elbow-shaped nozzle prevents the hose from dangling down to reduce the possibility of hose breakage.
· Ideal for overhead application.
· Suitable for house-remodeling jobs to avoid dust.
· Versatile 3 modes : "Rotation only", "Hammering with rotation" and "Hammering only".





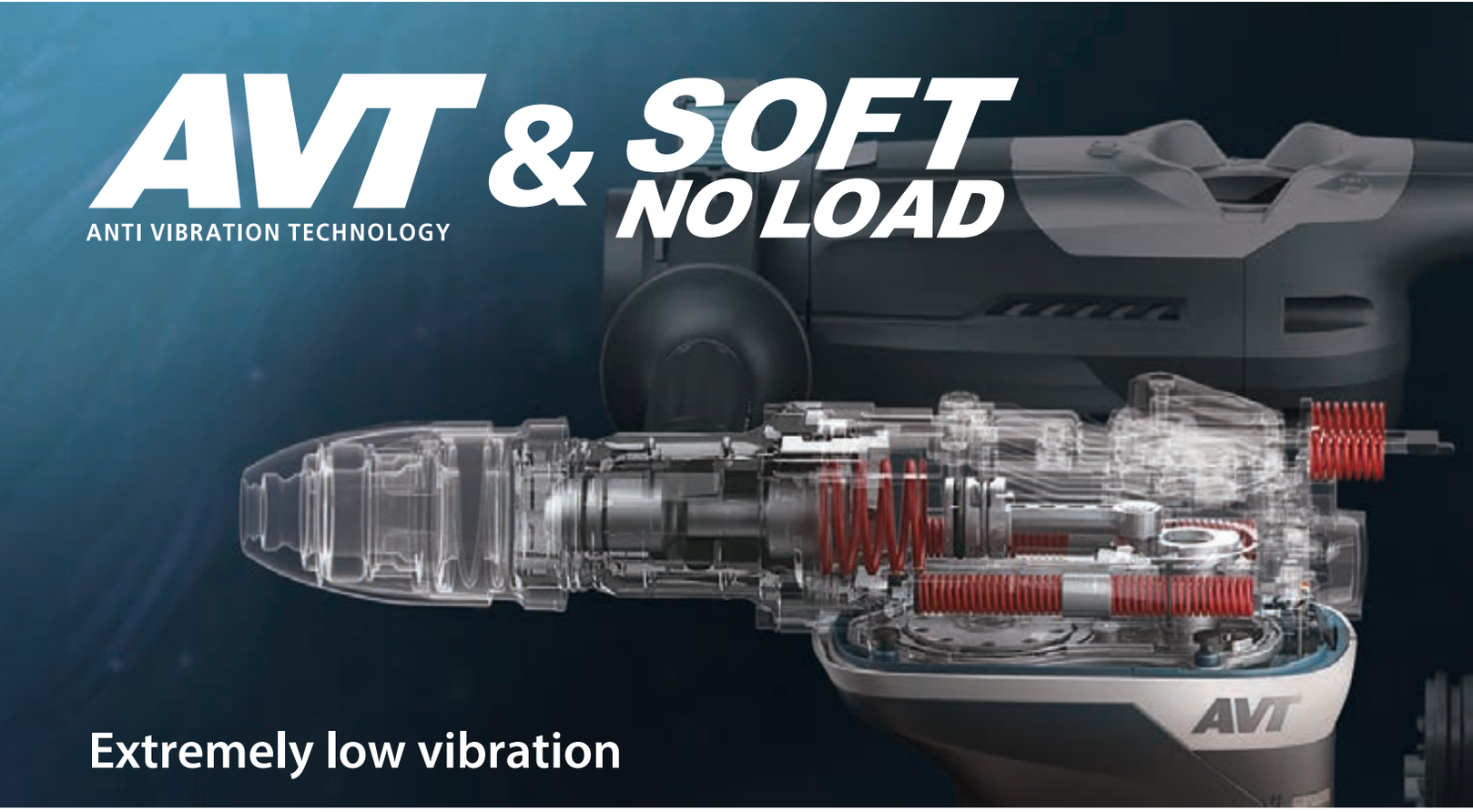
● Side grip, Cap, Dust bag

Continuous rating Input	780W
Impact energy	2.2J
Capacity	Concrete (with T.C.T. bit) : 24mm (15/16")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,500
No load speed (rpm)	0-1,000
Sound pressure level	87dB(A)
Sound power level	98dB(A)
Vibration level	chiseling: 9.5m/s²
	hammer drilling: 13.5m/s²
	drilling: 7.5m/s²
Dimensions (L x W x H)	407x120x220mm (16"x4-3/4"x8-3/4")
Net weight	3.2kg (6.9lbs)
Power supply cord	4.0m (13.1ft)

Tool does not come with bit.

AVT & SOFT NO LOAD

ANTI VIBRATION TECHNOLOGY



Extremely low vibration

AVT
ANTI VIBRATION TECHNOLOGY
&
SOFT
NO LOAD

50mm
Rotary Hammer
HR5212C



40mm
Rotary Hammer
HR4013C



Demolition Hammer
HM0871C



Demolition Hammer
HM1111C
HM1213C



Demolition Hammer
HM1214C



Electric Breaker
HM1317C
HM1317CB
HM1812



AVT
ANTI VIBRATION TECHNOLOGY

26mm
Combination Hammer
HR2641



26mm
Combination Hammer
HR2631FT / HR2631F

Rotary Hammer
HR2601



32mm
Combination Hammer
HR3210FCT / HR3210C



35mm
Combination Hammer
HR3541FC



40mm
Rotary Hammer
HR4011C / HR4010C



45mm
Rotary Hammer
HR4511C / HR4510C



52mm
Rotary Hammer
HR5211C / HR5210C



Electric Breaker
HM1810



Resipro Saw
JR3070CT



Combination Hammer

HR2641 26mm (1") Adapted for SDS-PLUS bits

419

new

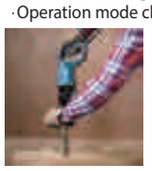


AVT ANTI VIBRATION TECHNOLOGY

P143 B

Extremely low vibration achieved by Anti-Vibration Technology.

- Ergonomic D-shaped handle with rubberized soft grip provides more comfort and better control while minimizing hand fatigue and pain.
- 3 operation modes - hammering, hammering with rotation, rotation.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.



Side handle, Depth gauge

Continuous rating Input	800W
Impact energy	2.4J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,500
No load speed (rpm)	0-1,100
Noise	90dB(A)
Vibration	11.5m/s²
Dimensions (L x W x H)	422x76x156mm (16-5/8"x3"x6-1/8")
Net weight	3.1kg (6.8bs)
Power supply cord	4.0m (13.1ft)

Tool does not come with bit.

Combination Hammer

HR2631FT 26mm (1") Adapted for SDS-PLUS bits

325

new



AVT ANTI VIBRATION TECHNOLOGY



Quick Change Drill Chuck

P143 B

Extremely low vibration achieved by Anti-Vibration Technology.

- 3 operation modes - hammering, hammering with rotation, rotation.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.
- Features a built-in LED Job Light.



Quick change drill chuck, Side grip, Depth gauge

Continuous rating Input	800W
Impact energy	2.4J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,600
No load speed (rpm)	0-1,200
Noise	90dB(A)
Vibration	11.5m/s²
Dimensions (L x W x H)	385x77x209mm (15-1/8"x3"x8-1/4")
Net weight	3.1kg (6.8lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Combination Hammer

HR2631F 26mm (1") Adapted for SDS-PLUS bits

325

new

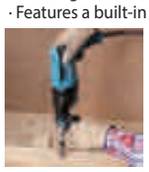


AVT ANTI VIBRATION TECHNOLOGY

P143 B

Easy-to-grip handle ergonomically designed to give maximum power thrust.

- 3 operation modes - hammering, hammering with rotation, rotation.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.
- Features a built-in LED Job Light.



Side grip, Depth gauge

Continuous rating Input	800W
Impact energy	2.4J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,600
No load speed (rpm)	0 - 1,200
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	hammer drilling: 12m/s²
	chiseling: 9m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	361x77x209mm (14-1/4"x3"x8-1/4")
Net weight	2.9kg (6.5lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Combination Hammer

HR2630T 26mm (1") Adapted for SDS-PLUS bits

325

new





Quick Change Drill Chuck

P143 B

Easy-to-grip handle ergonomically designed to give maximum power thrust.

- 3 operation modes - hammering, hammering with rotation, rotation.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.
- Quick change drill chuck from SDS-plus to 3 jaw chuck literally in a second.



Quick change drill chuck, Side grip, Depth gauge

Continuous rating Input	800W
Impact energy	2.4J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,600
No load speed (rpm)	0-1,200
Noise	91dB(A)
Vibration	15.0m/s²
Dimensions (L x W x H)	385x77x209mm (15-1/8"x3"x8-1/4")
Net weight	2.9kg (6.5lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Combination Hammer

HR2630 26mm (1") Adapted for SDS-PLUS bits

325

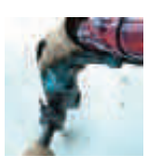
new



P143 B

Easy-to-grip handle ergonomically designed to give maximum power thrust.

- 3 operation modes - hammering, hammering with rotation, rotation.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.



Side grip, Depth gauge

Continuous rating Input	800W
Impact energy	2.4J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,600
No load speed (rpm)	0-1,200
Sound pressure level	91dB(A)
Sound power level	102dB(A)
Vibration level	hammer drilling: 15.5m/s²
	chiseling: 9.5m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	361x77x209mm (14-1/4"x3"x8-1/4")
Net weight	2.8kg (6.3lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Impact Drilling / Demolition

Rotary Hammer

HR2601 26mm (1") Adapted for SDS-PLUS bits

325



AVT ANTI VIBRATION TECHNOLOGY

P143

Extremely low vibration achieved by Anti-Vibration Technology.

- 2 operation modes -hammering with rotation and rotation only.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.





Side grip, Depth gauge

Continuous rating Input	800W
Impact energy	2.4J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,600
No load speed (rpm)	0-1,200
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	hammer drilling: 12m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	361x77x209mm (14-1/4"x3"x8-1/4")
Net weight	2.9kg (6.3lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Rotary Hammer

HR2600 26mm (1") Adapted for SDS-PLUS bits

325



P143

Easy-to-grip handle ergonomically designed to give maximum power thrust.

- 2 operation modes -hammering with rotation and rotation only.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.





Side grip, Depth gauge

Continuous rating Input	800W
Impact energy	2.4J
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,600
No load speed (rpm)	0 - 1,200
Sound pressure level	91dB(A)
Sound power level	102dB(A)
Vibration level	hammer drilling: 15.5m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	361x77x209mm (14-1/4"x3"x8-1/4")
Net weight	2.8kg (6.2lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Combination Hammer

HR2811FT / HR2810T 28mm (1-1/8") Adapted for SDS-PLUS bits

325





Quick Change Drill Chuck

P143

Quick change keyless drill chuck: from SDS-plus to 3 jaw chuck literally in a second.

- 3 operation modes - hammering, hammering with rotation, rotation.
- Compact L-shaped motor housing.
- One-touch sliding chuck enables easy bit change.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- HR2811FT : Features a built-in LED Job Light. Vibration absorbing grip.



▼HR2811FT



Quick change drill chuck, Depth gauge, Side grip

Continuous rating Input	800W
Impact energy	2.9J
Capacity	Concrete (with T.C.T. bit) : 28mm (1-1/8")
	Steel : 13mm (1/2"), Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,500
No load speed (rpm)	0 - 1,100
Sound pressure level	HR2811FT : 90dB(A), HR2810T : 89dB(A)
Sound power level	HR2811FT : 101dB(A), HR2810T :100dB(A)
Vibration level	chiseling: HR2811FT : 11.5m/s², 2810T : 15.5m/s²
	hammer drilling: HR2811FT : 15m/s², HR2810T : 20m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	HR2811FT : 345x89x225mm (13-5/8"x3-1/2"x8-7/8")
Net weight	HR2810T :339x89x225mm (13-3/8"x3-1/2"x8-7/8")
	HR2811FT : 3.6kg (8.0lbs), HR2810T : 3.5kg (7.8lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Combination Hammer

HR2811F / HR2810 28mm (1-1/8") Adapted for SDS-PLUS bits

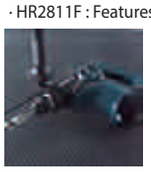
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P143

3 operation modes - hammering, hammering with rotation, rotation.

- Highest-in-class efficiency in both drilling and chipping.
- Compact L-shaped motor housing.
- One-touch sliding chuck enables easy bit change.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- HR2811F : Features a built-in LED Job Light. Vibration absorbing grip.



▼HR2811F



Depth gauge, Side grip

Continuous rating Input	800W
Impact energy	2.9J
Capacity	Concrete (with T.C.T. bit) : 28mm (1-1/8")
	Steel : 13mm (1/2"), Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,500
No load speed (rpm)	0 - 1,100
Sound pressure level	HR2811F : 90dB(A), HR2810 : 89dB(A)
Sound power level	HR2811F : 101dB(A) , HR2810 : 100dB(A)
Vibration level	chiseling: HR2811F : 11.5m/s², HR2810 : 15.5m/s²
	hammer drilling: HR2811F : 15m/s², HR2810 : 20.0m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	HR2811F : 320x89x225mm (12-5/8"x3-1/2"x8-7/8")
	HR2810 : 314x89x225mm (12-3/8"x3-1/2"x8-7/8")
Net weight	HR2811F : 3.3kg (7.3lbs), HR2810 : 3.2kg (7.1lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Rotary Hammer

HR2800 28mm (1-1/8") Adapted for SDS-PLUS bits

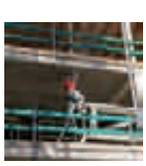
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P143

2 operation modes - hammering with rotation and rotation only.

- Highest-in-class efficiency in both drilling and chipping.
- Compact L-shaped motor housing.
- One-touch sliding chuck enables easy bit change.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.





Depth gauge, Side grip

Continuous rating Input	800W
Impact energy	2.9J
Capacity	Concrete (with T.C.T. bit) : 28mm (1-1/8")
	Steel : 13mm (1/2"), Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,500
No load speed (rpm)	0 - 1,100
Sound pressure level	89dB(A)
Sound power level	100dB(A)
Vibration level	hammer drilling: 20m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	314x89x225mm (12-3/8"x3-1/2"x8-7/8")
Net weight	3.2kg (7.1lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with bit.

Combination Hammer

HR3210FCT 32mm (1-1/4") Adapted for SDS-PLUS bits

350





Quick Change Drill Chuck

P143 B

Forcible drilling and chipping with low vibration.

- 3 operation modes - hammering, hammering with rotation, rotation.
- AVT (Anti-Vibration Technology) ensures extra-low vibration performance.
- Quick change keyless drill chuck: from SDS-plus to 3 jaw chuck literally in a second.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Features a built-in LED Job Light.



Quick change drill chuck, Depth gauge, Side grip, Grease vessel

Continuous rating Input	850W
Impact energy	5.5J
Capacity	Concrete (with T.C.T. bit) : 32mm (1-1/4")
	Steel : 13mm (1/2"), Wood : 32mm (1-1/4")
	Concrete (with Core bit) : 90mm (3-1/2")
Impacts per minute (ipm)	1,650-3,300
No load speed (rpm)	315-630
Sound pressure level	88dB(A)
Sound power level	99dB(A)
Vibration level	hammer drilling: 10m/s²
	chiseling: 8m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	424x114x239mm (16-3/4"x4-1/2"x9-3/8")
Net weight	5.4kg (11.9lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Combination Hammer

HR3210C 32mm (1-1/4") Adapted for SDS-PLUS bits

350



P143 B

Forcible drilling and chipping with low vibration.

- 3 operation modes - hammering, hammering with rotation, rotation.
- AVT (Anti-Vibration Technology) ensures extra-low vibration performance.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.



Depth gauge, Side grip, Grease vessel

Continuous rating Input	850W
Impact energy	5.5J
Capacity	Concrete (with T.C.T. bit) : 32mm (1-1/4")
	Steel : 13mm (1/2"), Wood : 32mm (1-1/4")
	Concrete (with Core bit) : 90mm (3-1/2")
Impacts per minute (ipm)	1,650-3,300
No load speed (rpm)	315-630
Sound pressure level	89dB(A)
Sound power level	100dB(A)
Vibration level	hammer drilling: 10m/s²
	chiseling: 7.5m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	398x114x239mm (15-5/8"x4-1/2"x9-3/8")
Net weight	5.2kg (11.4lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Combination Hammer

HR3200C 32mm (1-1/4") Adapted for SDS-PLUS bits

350



P143 B

3 operation modes - hammering, hammering with rotation, rotation.

- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- One-Touch Sliding Chuck enables easy bit change.



Depth gauge, Side grip, Grease vessel

Continuous rating Input	850W
Impact energy	5.5J
Capacity	Concrete (with T.C.T. bit) : 32mm (1-1/4")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	1,650-3,300
No load speed (rpm)	315-630
Sound pressure level	89dB(A)
Sound power level	100dB(A)
Vibration level	hammer drilling: 18m/s²
	chiseling: 12.5m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	398x108x239mm (15-5/8"x4-1/4"x9-3/8")
Net weight	4.8kg (10.5lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR3530 35mm (1-3/8")

350



P143 D

High work efficiency.

- Compact and lightweight design.
- No hammering while idling.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Auto cut-out Carbon Brush.



Side grip, Depth gauge

Continuous rating Input	1,010W
Impact energy	6.2J
Capacity	Concrete (with T.C.T. bit) : 35mm (1-3/8")
	Concrete (with Core bit) : 105mm (4-1/8")
Impacts per minute (ipm)	3,100
No load speed (rpm)	760
Sound pressure level	91dB(A)
Sound power level	102dB(A)
Vibration level	chiseling: 12.5m/s²
	hammer drilling: 19.5m/s²
Dimensions (L x W x H)	374x100x243mm (14-3/4"x3-15/16"x9-9/16")
Net weight	5.8kg (12.8lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Combination Hammer

HR3541FC 35mm (1-3/8") Adapted for SDS-MAX bits

350



P143 C

AVT(Anti-Vibration Technology) ensures extra-low vibration performance.

- Vibration absorbing handle provides comfortable operation.
- LED Job light with afterglow function.
- Change lever positioned on the top of the machine for reduced possibility of breakage even if the machine is carelessly down to rest.
- Constant speed and soft start features by electrical control.
- LED lamp indicates when to replace carbon brush.



Depth gauge, Side handle (Bar-shaped), Bit grease

Continuous rating Input	850W
Impact energy	6.3J
Capacity	Concrete (with T.C.T. bit) : 35mm (1-3/8")
	Steel : 13mm (1/2"), Wood : 32mm (1-1/4")
	Concrete (with Core bit) : 90mm (3-1/4")
Impacts per minute (ipm)	1,650 - 3,300
No load speed (rpm)	315 - 630
Sound pressure level	91dB(A)
Sound power level	102dB(A)
Vibration level	chiseling: 9m/s²
	hammer drilling: 11m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	439x114x239mm (17-1/4"x4-1/2"x9-3/8")
Net weight	5.6kg (12.3lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Impact Drilling / Demolition

Combination Hammer

HR3540C 35mm (1-3/8) Adapted for SDS-MAX bits

350



P143 C

High performance features high work efficiency especially in drilling with large diameter bits.

- Change lever positioned on the top of the machine for reduced possibility of breakage even if the machine is carelessly down to rest.
- One-touch sliding chuck for easy bit change.
- Constant speed and soft start features by electrical control.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.



Depth gauge, Side handle (Bar-shaped), Bit grease

Continuous rating Input	850W
Impact energy	6.3J
Capacity	Concrete (with T.C.T. bit) : 35mm (1-3/8")
	Steel : 13mm (1/2"), Wood : 32mm (1-1/4")
	Concrete (with Core bit) : 90mm (3-1/2")
	1,650 - 3,300
Impacts per minute (ipm)	315 - 630
No load speed (rpm)	93dB(A)
Sound pressure level	104dB(A)
Sound power level	chiseling: 12.5m/s²
Vibration level	hammer drilling: 18m/s²
	drilling: 2.5m/s²
Dimensions (L x W x H)	439x108x239mm (17-1/4"x4-1/4"x9-3/8")
Net weight	5.2kg (11.4lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR4041C 40mm (1-9/16")

350



P143 E

Make tough jobs easier with electronic control features and compact design.

- No hammering while idling.
- When drill bit hits against reinforcements, torque limiter operates to stop.
- Aluminum housing provides high quality and toughness.
- Auto cut-out carbon brush.
- Electronic variable speed control dial enables to select speed to job.



Depth gauge, Side grip

Continuous rating Input	1,100W
Impact energy	9.2J
Capacity	Concrete (with T.C.T. bit) : 40mm (1-9/16")
	Concrete (with Core bit) : 118mm (4-5/8")
Impacts per minute (ipm)	1,300 - 2,600
No load speed (rpm)	230 - 460
Noise	95dB(A)
Vibration	9m/s²
Dimensions (L x W x H)	428x107x247mm (16-7/8"x4-1/4"x9-3/4")
Net weight	6.7kg (14.8lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR4030C 40mm (1-9/16")

350



P143 D

Make tough jobs easier with electronic control features and compact design (Hex Shank type).

- No hammering while idling.
- When drill bit hits against reinforcements, torque limiter operates to stop.
- Aluminum housing provides high quality and toughness.
- Auto cut-out carbon brush.
- Electronic variable speed control dial enables to select speed to job.



Depth gauge, Side grip

Continuous rating Input	1,100W
Impact energy	9.2J
Capacity	Concrete (with T.C.T. bit) : 40mm (1-9/16")
	Concrete (with Core bit) : 118mm (4-5/8")
Impacts per minute (ipm)	1,300 - 2,600
No load speed (rpm)	230 - 460
Noise	92dB(A)
Vibration	9m/s²
Dimensions (L x W x H)	413x107x247mm (16-1/4"x4-1/4"x9-3/4")
Net weight	6.9kg (15.2lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR4013C 40mm (1-9/16")Adapted for SDS-MAX bits

350



AVT SOFT NO LOAD
ANTI VIBRATION TECHNOLOGY

P143 C

High efficiency and unrivalled low level of vibration.

- The level of vibration is further reduced by completely separating the machine holding section from the motor/transission section.
- Soft no load function automatically reduces the motor speed during idling to suppress the vibration of the machine body.
- New "Two on/off switches switchable in hammering mode".
- Easy-to-operate operation mode change lever.



Depth gauge, Side handle, Bit grease

Continuous rating Input	1,100W
Impact energy	8.0J
Capacity	Concrete (with T.C.T. bit) : 40mm (1-9/16")
	Concrete (with Core bit) : 105mm (4-1/8")
Impacts per minute (ipm)	1,450 - 2,900
No load speed (rpm)	250-500
Sound pressure level	92dB(A)
Sound power level	103dB(A)
Vibration level	chiseling: 4.5m/s²
	hammer drilling: 5m/s²
Dimensions (L x W x H)	479x112x263mm (18-11/16"x4-3/8"x10-3/8")
Net weight	6.8kg (15.1lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR4003C 40mm (1-9/16") Adapted for SDS-MAX bits

350



P143 C

Most powerful and efficient in the class.

- New "Two on/off switches switchable in hammering mode".
- Easy-to-operate operation mode change lever.



Depth gauge, Side handle, Bit grease

Continuous rating Input	1,100W
Impact energy	8.3J
Capacity	Concrete (with T.C.T. bit) : 40mm (1-9/16")
	Concrete (with Core bit) : 105mm (4-1/8")
Impacts per minute (ipm)	1,450 - 2,900
No load speed (rpm)	250-500
Sound pressure level	92dB(A)
Sound power level	103dB(A)
Vibration level	chiseling: 9m/s²
	hammer drilling: 10m/s²
Dimensions (L x W x H)	479x106x263mm (18-11/16"x4-3/16"x10-3/8")
Net weight	6.2kg (13.8lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR4011C 40mm (1-9/16") Adapted for SDS-MAX bits

350



AVT ANTI VIBRATION TECHNOLOGY

P143

Most powerful and efficient in the class extreme comfort low vibration model (with Vibration absorbing grip).

- AVT ; active dynamic vibration absorber and vibration absorbing grip help to reduce vibration, and give you extreme comfort during job.
- Recommendable for managing exposure of vibration to the body.
- Same power as HR4001C and HR4010C.



Depth gauge, Side grip, Grease vessel

Continuous rating Input	1,100W
Impact energy	9.5J
Capacity	Concrete (with T.C.T. bit) : 40mm (1-9/16")
	Concrete (with Core bit) : 105mm (4-1/8")
Impacts per minute (ipm)	1,350-2,750
No load speed (rpm)	235-480
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	chiseling: 6.5m/s²
	hammer drilling: 7.5m/s²
Dimensions (L x W x H)	468x116x261mm (18-1/2"x4-9/16"x10-1/4")
Net weight	6.7kg (14.8lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR4010C 40mm (1-9/16") Adapted for SDS-MAX bits

350



AVT ANTI VIBRATION TECHNOLOGY

P143

Most powerful and efficient in the class super comfort low vibration model.

- AVT ; active dynamic vibration absorber helps to reduce vibration, and gives you comfort during job.
- AVT gives no negative effect to achieve most efficient and satisfying powerful performance.
- Features selectable switches.



Depth gauge, Side grip, Grease vessel

Continuous rating Input	1,100W
Impact energy	9.5J
Capacity	Concrete (with T.C.T. bit) : 40mm (1-9/16")
	Concrete (with Core bit) : 105mm (4-1/8")
Impacts per minute (ipm)	1,350-2,750
No load speed (rpm)	235-480
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	chiseling: 8m/s²
	hammer drilling: 9m/s²
Dimensions (L x W x H)	468x116x261mm (18-1/2"x4-9/16"x10-1/4")
Net weight	6.7kg (14.8lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR4001C 40mm (1-9/16") Adapted for SDS-MAX bits

350



P143

Most powerful and efficient in the class future style hammer from Makita.

- Achieves most efficient hammer with satisfying powerful performance.
- Selectable-switch feature gives the choice of trigger switch for drilling and lock-on slide switch for demolition for long hours.



Depth gauge, Side grip, Grease vessel

Continuous rating Input	1,100W
Impact energy	9.5J
Capacity	Concrete (with T.C.T. bit) : 40mm (1-9/16")
	Concrete (with Core bit) : 105mm (4-1/8")
Impacts per minute (ipm)	1,350-2,750
No load speed (rpm)	235-480
Sound pressure level	92dB(A)
Sound power level	103dB(A)
Vibration level	chiseling: 10.5m/s²
	hammer drilling: 12.5m/s²
Dimensions (L x W x H)	468x106x261mm (18-1/2"x4-3/16"x10-1/4")
Net weight	5.9kg (13.0lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR4002 40mm (1-9/16") Adapted for SDS-MAX bits

350



P143

High efficiency by high speed.

- When drill bit hits against reinforcements, torque limiter operates to stop.
- Aluminum housing provides high quality and toughness.
- 2 operation modes - hammering with rotation and hammering only.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- One-Touch Sliding Chuck enables easy bit change.



Side grip, Bit grease, Depth gauge

Continuous rating Input	1,050W
Impact energy	6.2J
Capacity	Concrete (with T.C.T. bit) : 40mm (1-9/16")
	Concrete (with Core bit) : 105mm (4-1/8")
Impacts per minute (ipm)	2,500
No load speed (rpm)	680
Sound pressure level	92dB(A)
Sound power level	103dB(A)
Vibration level	chiseling: 10.5m/s²
	hammer drilling: 17.5m/s²
Dimensions (L x W x H)	458x114x256mm (18"x4-1/2 "x10-1/8")
Net weight	6.6kg (14.6lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR4511C 45mm (1-3/4") Adapted for SDS-MAX bits

175



AVT ANTI VIBRATION TECHNOLOGY

P143

High performance and low vibration (with Vibration absorbing grip).

- 2 operation modes - hammering and hammering with rotation.
- AVT (Anti-Vibration Technology) Active Dynamic Vibration Absorbe ensures extra-low vibration performance.
- One-Touch Sliding Chuck enables easy bit change.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.



Side handle (D), Side grip, Depth gauge, Grease vessel

Continuous rating Input	1,350W
Impact energy	12.5J
Capacity	Concrete (with T.C.T. bit) : 45mm (1-3/4")
	Concrete (with Core bit) : 125mm (5")
Impacts per minute (ipm)	1,250 - 2,750
No load speed (rpm)	130 - 280
Sound pressure level	94dB(A)
Sound power level	105dB(A)
Vibration level	hammer drilling: 7.5m/s²
	chiseling: 7.5m/s²
Dimensions (L x W x H)	458x136x288mm (18"x5-3/8"x11-3/8")
Net weight	8.5kg (18.7lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Impact Drilling / Demolition

Rotary Hammer

HR4510C 45mm (1-3/4") Adapted for SDS-MAX bits

175



AVT ANTI VIBRATION TECHNOLOGY

P143

High performance and low vibration.

- 2 operation modes - hammering and hammering with rotation.
- AVT (Anti-Vibration Technology) Active Dynamic Vibration Absorber ensures extra-low vibration performance.
- Selectable two on/off switches on demolition mode.
- One-Touch Sliding Chuck enables easy bit change.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.



Side handle (D), Side grip, Depth gauge, Grease vessel

Continuous rating Input	1,350W
Impact energy	12.5J
Capacity	Concrete (with T.C.T. bit) : 45mm (1-3/4")
	Concrete (with Core bit) : 125mm (5")
Impacts per minute (ipm)	1,250 - 2,750
No load speed (rpm)	130-280
Sound pressure level	93dB(A)
Sound power level	104dB(A)
Vibration level	hammer drilling: 9.5m/s²
	chiseling: 8.5m/s²
Dimensions (L x W x H)	458x136x288mm (18"x5-3/8"x11-3/8")
Net weight	8.9kg (19.6lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR4501C 45mm (1-3/4") Adapted for SDS-MAX bits

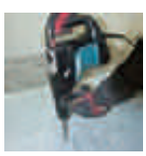
175



P143

High performance and durability.

- 2 operation modes - hammering and hammering with rotation.
- Selectable two on/off switches on demolition mode.
- One-Touch Sliding Chuck enables easy bit change.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.



Side handle (D), Side grip, Depth gauge, Grease vessel

Continuous rating Input	1,350W
Impact energy	12.5J
Capacity	Concrete (with T.C.T. bit) : 45mm (1-3/4")
	Concrete (with Core bit) : 125mm (5")
Impacts per minute (ipm)	1,250 - 2,750
No load speed (rpm)	130 - 280
Sound pressure level	94dB(A)
Sound power level	105dB(A)
Vibration level	hammer drilling: 16m/s²
	chiseling: 12.5m/s²
Dimensions (L x W x H)	458x121x288mm (18"x4-3/4"x11-3/8")
Net weight	8.2kg (18.1lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR5212C 52mm (2-1/16") Adapted for SDS-MAX bits

175

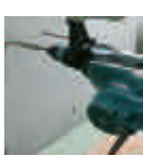


AVT SOFT NO LOAD
ANTI VIBRATION TECHNOLOGY

P143

High efficiency and unrivalled low level of vibration.

- The level of vibration is further reduced by completely separating the machine holding section from the motor/transission section.
- Soft no load function automatically reduces the motor speed during idling to suppress the vibration of the machine body.
- New "Two on/off switches switchable in hammering mode".
- Easy-to-operate operation mode change lever.



Side handle (D), Side grip, Depth gauge, Grease vessel

Continuous rating Input	1,510W
Impact energy	19.1J
Capacity	Concrete (with T.C.T. bit) : 52mm (2")
	Concrete (with Core bit) : 160mm (6-5/16")
Impacts per minute (ipm)	1,100 - 2,250
No load speed (rpm)	150 - 310
Sound pressure level	98dB(A)
Sound power level	109dB(A)
Vibration level	chiseling: 8m/s²
	hammer drilling: 9m/s²
Dimensions (L x W x H)	599x140x287mm (23-1/2"x5-1/2"x11-1/4")
Net weight	11.9kg (26.2lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR5202C 52mm (2-1/16") Adapted for SDS-MAX bits

175



P143

High efficiency and durability.

- 2 operation modes - hammering and hammering with rotation.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Selectable two on/off switches on demolition mode.
- One-Touch Sliding Chuck enables easy bit change.



Side handle (D), Side grip, Depth gauge, Grease vessel

Continuous rating Input	1,510W
Impact energy	20J
Capacity	Concrete (with T.C.T. bit) : 52mm (2")
	Concrete (with Core bit) : 160mm (6-5/16")
Impacts per minute (ipm)	1,100 - 2,250
No load speed (rpm)	150 - 310
Sound pressure level	99dB(A)
Sound power level	110dB(A)
Vibration level	chiseling: 10.5m/s²
	hammer drilling: 17m/s²
Dimensions (L x W x H)	599x134x287mm (23-1/2"x5-1/4"x11-1/4")
Net weight	10.9kg (24.1lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR5211C 52mm (2-1/16") Adapted for SDS-MAX bits

175

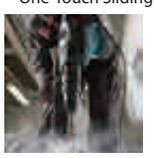


AVT ANTI VIBRATION TECHNOLOGY

P143

High performance and low vibration (with Vibration absorbing grip).

- 2 operation modes - hammering and hammering with rotation.
- AVT (Anti-Vibration Technology) Active Dynamic Vibration Absorber ensures extra-low vibration performance.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- One-Touch Sliding Chuck enables easy bit change.



Side handle (D), Side grip, Depth gauge, Grease vessel

Continuous rating Input	1,500W
Impact energy	20J
Capacity	Concrete (with T.C.T. bit) : 52mm (2")
	Concrete (with Core bit) : 160mm (6-1/4")
Impacts per minute (ipm)	1,075 - 2,150
No load speed (rpm)	130 - 260
Sound pressure level	100dB(A)
Sound power level	111dB(A)
Vibration level	chiseling: 11m/s²
	hammer drilling: 12.5m/s²
Dimensions (L x W x H)	599x149x287mm (23-1/2"x5-7/8"x11-1/4")
Net weight	12.2kg (26.8lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR5210C 52mm (2-1/16") Adapted for SDS-MAX bits

175

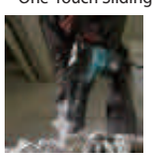


AVT ANTI VIBRATION TECHNOLOGY

P143 C

High efficiency and low vibration.

- 2 operation modes - hammering and hammering with rotation.
- AVT (Anti-Vibration Technology) Active Dynamic Vibration Absorber ensures extra-low vibration performance.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Selectable two on/off switches on demolition mode.
- One-Touch Sliding Chuck enables easy bit change.





● Side handle (D), Side grip, Depth gauge, Grease vessel

Continuous rating Input	1,500W
Impact energy	20J
Capacity	Concrete (with T.C.T. bit) : 52mm (2")
	Concrete (with Core bit) : 160mm (6-1/4")
Impacts per minute (ipm)	1,075 - 2,150
No load speed (rpm)	130 - 260
Sound pressure level	99dB(A)
Sound power level	110dB(A)
Vibration level	chiseling: 12m/s²
	hammer drilling: 17m/s²
Dimensions (L x W x H)	599x149x287mm (23-1/2"x5-7/8"x11-1/4")
Net weight	12.1kg (26.6lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR5201C 52mm (2-1/16") Adapted for SDS-MAX bits

175



P143 C

High efficiency and durability.

- 2 operation modes - hammering and hammering with rotation.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Selectable two on/off switches on demolition mode.
- One-Touch Sliding Chuck enables easy bit change.





● Side handle (D), Side grip, Depth gauge, Grease vessel

Continuous rating Input	1,500W
Impact energy	20J
Capacity	Concrete (with T.C.T. bit) : 52mm (2")
	Concrete (with Core bit) : 160mm (6-1/4")
Impacts per minute (ipm)	1,075 - 2,150
No load speed (rpm)	130 - 260
Sound pressure level	100dB(A)
Sound power level	111dB(A)
Vibration level	chiseling: 14m/s²
	hammer drilling: 19.5m/s²
Dimensions (L x W x H)	599x130x287mm (23-1/2"x5-1/8"x11-1/4")
Net weight	11.3kg (24.8lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Rotary Hammer

HR5000 50mm (2")

155



P143 E

Huge power for large diameter drilling.

- Grease pack system good for up to 150 hours.
- 2 operation modes-"rotation with hammering" and "hammering only".
- Excellent maneuverability with D-shape side handle or side handle bar of your choice.





● Hex wrench, Side grip

Continuous rating Input	1,200W
Impact energy	17J
Capacity	Concrete (with T.C.T. bit) : 50mm (2")
	Concrete (with Core bit) : 150mm (5-7/8")
Impacts per minute (ipm)	2,100
No load speed (rpm)	260
Sound pressure level	99dB(A)
Sound power level	110dB(A)
Vibration level	hammer drilling: 25m/s²
	chiseling: 20.5m/s²
Overall length	467mm (18-3/4")
Net weight	9.9kg (21.8lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Demolition Hammer

HM0810 11/16" : 17mm Hex Shank

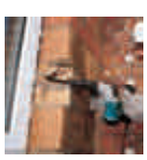
105



P143 D

Perfect combination of power, durability and compact design.

- Compact and lightweight for maximum control.
- Soft rubber grip side handle and anti-vibration spring on rear handle for reduced operator fatigue.
- Easy to grip round shape barrel protected by rubber cover.





● Bull point, Hex wrench, Side grip

Continuous rating Input	900W
Impacts per minute (ipm)	2,900
Overall length	410mm (16-1/8")
Net weight	5.1kg (11.2lbs)
Power supply cord	5.0m (16.4ft)

Demolition Hammer

HM0810T 11/16" : 17mm Hex Shank

105



P143 D

Perfect combination of power, durability and compact design (with two action sliding chuck).

- Compact and lightweight for maximum control.
- Soft rubber grip side handle and anti-vibration spring on rear handle for reduced operator fatigue.
- Easy to grip round shape barrel protected by rubber cover.
- Two action sliding chuck for easy bit installation and removal.





● Bull point, Hex wrench, Side grip

Continuous rating Input	900W
Impacts per minute (ipm)	2,900
Sound pressure level	92dB(A)
Sound power level	103dB(A)
Vibration level	chiseling: 14m/s²
Overall length	428mm (16-7/8")
Net weight	5.5kg (12.1lbs)
Power supply cord	5.0m (16.4ft)

Items of standard equipment and specifications may vary by country or area.

Impact Drilling / Demolition

Demolition Hammer

HM0810B 3/4" : 19mm Hex Shank

106

Our best-selling demolition hammer in this class

· And expert in 19mm (3/4") Hex shaft drive





Hex wrench, Side grip

Continuous rating Input	420W
Impacts per minute (ipm)	2,900
Sound pressure level	94dB(A)
Sound power level	105dB(A)
Vibration level	chiseling: 15m/s²
Overall length	423mm (16-5/8")
Net weight	5.8kg (12.8lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bull point.

P143 E

Demolition Hammer

HM0830 11/16" : 17mm Hex Shank

327

Light weight body for less operator fatigue.

· Powerful and compact body.
· Powerful impact from durable alminum body.
· New design style for traditional Makita hammer lovers.
· New style tool-less system for bit changing.





Bull point, Hex wrench, Side grip

Continuous rating Input	1,010W
Impact energy	8.3J
Impacts per minute (ipm)	2,700
Dimensions (L x W x H)	390x98x209mm (15-3/8"x3-7/8"x8-1/4")
Net weight	4.9kg (10.7lbs)
Power supply cord	5.0m (16.4ft)

P143 D

Demolition Hammer

HM0830T 11/16" : 17mm Hex Shank

327

Sliding chuck enables easy bit installation/removal.

· Lightweight design for less operator fatigue.
· Aluminum housing provides high quality and toughness.
· Trigger switch with fulcrum of switch lever in upper position can be pulled easier than the switch with the fulcrum in lower position.
· Auto cut-out Carbon Brush.
· Ergonomically designed handle with rubberized soft grip provides more control and comfort.





Bull point, Hex wrench, Side grip

Continuous rating Input	1,050W
Impact energy	8.3J
Impacts per minute (ipm)	2,700
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	chiseling: 16.5m/s²
Dimensions (L x W x H)	405x98x209mm (16"x3-7/8"x8-1/4")
Net weight	4.8kg (10.6lbs)
Power supply cord	5.0m (16.4ft)

P143 D

Demolition Hammer

HM0871C Adapted for SDS-MAX bits

350

AVT (Anti-Vibration Technology) ensures extra-low vibration performance.

· Soft no load function ensures low vibration performance.
· High durability and excellent demolition performance.
· One touch sliding chuck for easy bit installation and removal.
· LED lamp indicates when to replace carbon brush.
· LED lamp is provided as a pilot lamp.





Grease for bit, Side handle

Continuous rating Input	1,110W
Impact energy	11.6J
Impacts per minute (ipm)	1,100-2,650
Sound pressure level	86dB(A)
Sound power level	97dB(A)
Vibration level	chiseling: 8m/s²
Dimensions (L x W x H)	466x116x230mm (18-3/8"x4-9/16"x9")
Net weight	5.6kg (12.4lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bull point.

P143 C

Demolition Hammer

HM0870C Adapted for SDS-MAX bits

350

High durability and excellent demolition performance.

· One touch sliding chuck for easy bit installation and removal.
· LED lamp indicates when to replace carbon brush.
· LED lamp is provided as a pilot lamp.





Grease for bit, Side handle

Continuous rating Input	1,110W
Impact energy	11.4J
Impacts per minute (ipm)	1,100-2,650
Sound pressure level	87dB(A)
Sound power level	98dB(A)
Vibration level	chiseling: 11.5m/s²
Dimensions (L x W x H)	449x109x230mm (17-3/4"x4-1/4"x9")
Net weight	5.1kg (11.1lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bull point.

P143 C

Demolition Hammer

HM1111C Adapted for SDS-MAX bits

175



AVT SOFT NO LOAD

P143 C

AVT (Anti-Vibration Technology) ensures extra-low vibration performance.

- Soft no load function ensures low vibration performance.
- High durability and excellent demolition performance.
- Easy-to-hold barrel design.
- D-shaped side handle swivels 360 degrees to your desired position.
- One-touch sliding chuck for easy bit change.



Bull point, Bit grease, Side handle

Continuous rating Input	1,300W
Impact energy	17.2J
Impacts per minute (ipm)	1,100 - 2,650
Sound pressure level	88dB(A)
Sound power level	99dB(A)
Vibration level	chiseling: 8m/s²
Dimensions (L x W x H)	528x126x247mm (20-3/4"x5"x9-3/4")
Net weight	8.0kg (17.7lbs)
Power supply cord	5.0m (16.4ft)

Demolition Hammer

HM1101C Adapted for SDS-MAX bits

175



P143 C

High performance and durability.

- Easy-to-hold barrel design.
- D-shaped side handle swivels 360 degrees to your desired position.
- One-touch sliding chuck for easy bit change.



Bull point, Bit grease, Side handle

Continuous rating Input	1,300W
Impact energy	17.2J
Impacts per minute (ipm)	1,100 - 2,650
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	chiseling: 13.5m/s²
Dimensions (L x W x H)	528x115x247mm (20-3/4"x4-1/2"x9-3/4")
Net weight	7.3kg (16.2lbs)
Power supply cord	5.0m (16.4ft)

Demolition Hammer

HM1201 13/16" : 21mm Hex Shank

155



P143 F

Powerful impact from durable aluminum body.

- Anti-vibration spring on rear handle for reduced operator fatigue.
- Factory grease packed for reduced maintenance.
- Automatic brush cut-out when periodic service is due.



Bull point, Hex wrench, Side grip

Continuous rating Input	1,130W
Impacts per minute (ipm)	2,000
Overall length	480mm (18-7/8")
Net weight	9.1kg (20.2lbs)
Power supply cord	5.0m (16.4ft)

Demolition Hammer

HM1213C Adapted for SDS-MAX bits

175



AVT SOFT NO LOAD

P143 C

AVT (Anti Vibration Technology) ensures extra-low vibration performance.

- Suppression of motor speed during no-load reduces vibration of tool body.
- One touch sliding chuck for easy bit installation and removal.
- Electronic speed control for maximum performance.
- Bit can be set at 12 positions for convenience.
- LED lamp indicates when to replace carbon brush.



Bull point, Bit grease, Side handle

Continuous rating Input	1,510W
Impact energy	25.5J
Impacts per minute (ipm)	950-1,900
Sound pressure level	75dB(A)
Sound power level	95dB(A)
Vibration level	chiseling: 7.0m/s²
Dimensions (L x W x H)	576x149x265mm (22-3/4"x5-7/8"x10-3/8")
Net weight	10.8kg (23.6lbs)
Power supply cord	5.0m (16.4ft)

Demolition Hammer

HM1205C / HM1203C Adapted for SDS-MAX bits

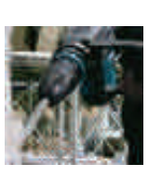
175



P143 C

Enhanced chipping sensation to soft materials.

- One touch sliding chuck for easy bit installation and removal.
- Electronic speed control for maximum performance.
- Bit can be set at 12 positions for convenience.
- LED lamp indicates when to replace carbon brush.
- Soft grip provides more comfort and control.



Bull point, Bit grease, Side handle

Continuous rating Input	1,510W
Impact energy	HM1205C : 19.1J
	HM1203C : 25.5J
Impacts per minute (ipm)	950 - 1,900
Sound pressure level	HM1205C : 79dB(A)
	HM1203C : 81dB(A)
Sound power level	HM1205C : 93dB(A)
	HM1203C : 95dB(A)
Vibration level	HM1205C : chiseling: 18.5m/s²
	HM1203C : chiseling: 15.5m/s²
Dimensions (L x W x H)	576x128x265mm (22-3/4"x5"x10-3/8")
Net weight	9.7kg (21.4lbs)
Power supply cord	5.0m (16.4ft)

Impact Drilling / Demolition

Demolition Hammer

HM1214C Adapted for SDS-MAX bits

175



AVT SOFT NO LOAD ANTI VIBRATION TECHNOLOGY

P143 C

Comfortable operation at hammering downward.

- AVT (Anti-Vibration Technology) ensures extra-low vibration performance.
- Suppression of motor speedduring no-load reduces vibration of tool body.
- Long size carbon brush for service life is extended.
- One touch sliding chuck for easy bit installation and removal.
- LED lamp indicates when to replace carbon brush.



Bull point, Bit grease, Side handle

Continuous rating Input	1,510W
Impact energy	25.7J
Impacts per minute (ipm)	950-1,900
Sound pressure level	78dB(A)
Sound power level	98dB(A)
Vibration level	chiseling: 8m/s²
Dimensions (L x W x H)	700x129x265mm (27-1/2"x5-1/8"x10-3/8")
Net weight	12.3kg (27.1lbs)
Power supply cord	5.0m (16.4ft)

Demolition Hammer

HM1306 1-3/16" : 30mm Hex Shank

204



P143 I

Chipping performance ensures minimum power loss even when bull point is kept pushed against concrete in chipping operation.

- High durability.
- Rubberized soft grip provides more control and less hand fatigue.
- Adjustable large side handle improves operator comfort and control.
- Lock-on button: easy to operate for both right and left handed users.
- Aluminum housing of Makita-blue.



Bull point, Wrench, Side handle, Oil supply 100ml

Continuous rating Input	1,510W
Impact energy	28.8J
Impacts per minute (ipm)	1,450
Dimensions (L x W x H)	652x121x231mm (25-3/4"x4-3/4"x9-1/8")
Net weight	15.1kg (33.3lbs)
Power supply cord	5.0m (16.4ft)

Electric Breaker

HM1317C 1-3/16" : 30mm Hex Shank

175



AVT SOFT NO LOAD ANTI VIBRATION TECHNOLOGY

P143 I

AVT (Anti-Vibration Technology) ensures extra-low vibration performance.

- Suppression of motor speedduring no-load reduces vibration of tool body.
- High durability and excellent demolition performance.
- Electrical speed control for maximum performance.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.



Side handle

Continuous rating Input	1,510W
Impact energy	33.8J
Impacts per minute (ipm)	730-1,450
Sound pressure level	81dB(A)
Sound power level	101dB(A)
Vibration level	chiseling: 8.5m/s²
Dimensions (L x W x H)	715x129x266mm (28-1/8"x5-1/8"x10-1/2")
Net weight	17.0kg (37.5lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Electric Breaker

HM1307C 1-3/16" : 30mm Hex Shank

175



P143 I

High durability and excellent demolition performance.

- Electrical speed control for maximum performance.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.



Side handle

Continuous rating Input	1,510W
Impact energy	33.8J
Impacts per minute (ipm)	730-1,450
Sound pressure level	81dB(A)
Sound power level	101dB(A)
Vibration level	chiseling: 12.5m/s²
Dimensions (L x W x H)	715x129x266mm (28-1/8"x5-1/8"x10-1/2")
Net weight	15.3kg (33.8lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Electric Breaker

HM1317CB 1-1/8" : 28.6mm Hex Shank

175



AVT SOFT NO LOAD ANTI VIBRATION TECHNOLOGY

P143 H

AVT (Anti-Vibration Technology) ensures extra-low vibration performance.

- Suppression of motor speedduring no-load reduces vibration of tool body.
- High durability and excellent demolition performance.
- Electrical speed control for maximum performance.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.



Side handle

Continuous rating Input	1,510W
Impact energy	34.9J
Impacts per minute (ipm)	730-1,450
Sound pressure level	81dB(A)
Sound power level	101dB(A)
Vibration level	7m/s²
Dimensions (L x W x H)	824x129x266mm (32-1/2"x5-1/8"x10-1/2")
Net weight	19.0kg (41.9lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

Electric Breaker

HM1307CB 1-1/8" : 28.6mm Hex Shank

175



High durability and excellent demolition performance.

· Electrical speed control for maximum performance.
· LED lamp indicates when to replace carbon brush.
· LED lamp is provided as a pilot lamp.





● Side handle

Continuous rating Input	1,510W
Impact energy	34.9J
Impacts per minute (ipm)	730-1,450
Sound pressure level	81dB(A)
Sound power level	101dB(A)
Vibration level	chiseling: 12m/s²
Dimensions (L x W x H)	824x129x266mm (32-1/2"x5-1/8"x10-1/2")
Net weight	17.3kg (38.2lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

P143

Electric Breaker

HM1400 1-3/16" : 30mm Hex Shank

155

T-style design with lever switch for easy operation

· Air cushion system lessens vibration
· Grease pack system good for up to 150 hours
· Automatic brush cut-out system





● Bull point, Hex wrench

Continuous rating Input	1,240W
Impact energy	46.8J
Impacts per minute (ipm)	1,200
Sound pressure level	83dB(A)
Sound power level	103dB(A)
Vibration level	chiseling: 20m/s²
Overall length	613mm (24-1/8")
Net weight	18.1kg (39.9lbs)
Power supply cord	5.0m (16.4ft)

P143

Electric Breaker

HM1802 1-1/8" : 28.6mm Hex shank

new

Highest-in-class demolition power.

· Vibration absorbing housing helps to reduce vibration.
· Soft start for suppressing start-up reaction.
· Soft grip provides more control and less hand fatigue.
· Higher durability obtained by strengthening switch.
· Newly developed dust extraction attachment is available.





● Bull point, Hex wrench

Continuous rating Input	2,000W
Impact energy	68J
Impacts per minute (ipm)	870
Noise	106dB(A)
Vibration	16.0m/s²
Dimensions (L x W x H)	843x210x608mm (33-1/4"x8-1/4"x24")
Net weight	30.1kg (66.4lbs)
Power supply cord	5.0m (16.4ft)

P143

Electric Breaker

HM1812 1-1/8" : 28.6mm Hex shank

new

Highest-in-class demolition power with AVT(Anti-Vibration Technology)

· Counter weight mechanism and vibration absorbing housing helps to reduce vibration.
· Suppression of motor speed during no-load reduces vibration of tool body when idling.
· Soft start for suppressing start-up reaction.
· Soft grip provides more control and less hand fatigue.
· Newly developed dust extraction attachment is available.



AVT ANTI VIBRATION TECHNOLOGY SOFT NO LOAD



● Bull point, Hex wrench

Continuous rating Input	2,000W
Impact energy	68J
Impacts per minute (ipm)	870
Noise	106dB(A)
Vibration	8.0m/s²
Dimensions (L x W x H)	843x210x608mm (33-1/4"x8-1/4"x24")
Net weight	32.2kg (70.9lbs)
Power supply cord	5.0m (16.4ft)

P143

Electric Breaker

HM1810 1-1/8" : 28.6mm Hex shank

204

Low vibration and High demolition efficiency

· AVT: Counter weight mechanism helps to reduce vibration
· Highly recommended to manage exposure of vibration to the body
· Rugged one, providing longer service life compared with HM1800



AVT ANTI VIBRATION TECHNOLOGY





● Hex wrench

Continuous rating Input	2,000W
Impact energy	63J
Impacts per minute (ipm)	1,100
Sound pressure level	84dB(A)
Sound power level	104dB(A)
Vibration level	chiseling: 9m/s²
Dimensions (L x W x H)	824x146x633mm (32-1/2"x5-3/4"x25")
Net weight	32.0kg (70.6lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bit.

P143

Impact Drilling / Demolition

Electric Breaker

HM1801 1-1/8" : 28.6mm Hex shank

204



P143 H

High demolition efficiency

- Warning lamp indicates trouble with cord
- Cylindrical tool holder with high reparability; new bolt holes can be drilled when the original bolt holes are clogged with broken bolts
- Flat surface for ownership engraving or ID number labels
- Name plate placed in the position almost free from damages and scratches
- Rugged one, providing longer service life compared with HM1800



Hex wrench

Continuous rating Input	2,000W
Impact energy	63J
Impacts per minute (ipm)	1,100
Sound pressure level	84dB(A)
Sound power level	104dB(A)
Vibration level	14m/s^2
Dimensions (L x W x H)	824x146x633mm (32-1/2"x5-3/4"x25")
Net weight	30.0kg (66.2lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with bull point.

Power Scraper

HK0500 Adapted for SDS-PLUS bits

113



P143 B

For scraping chiselling and chipping.

- Lighter, tougher, longer life and better dust protection.
- 12 different bit angle setting.
- One touch sliding chuck with dust protection.



Scaling chisel

Continuous rating Input	550W
Impacts per minute (ipm)	2,000 - 3,500
Overall length	468mm (18-7/16")
Net weight	3.2kg (7.1lbs)
Power supply cord	5.0m (16.4ft)

Power Scraper

HK1810 / HK1800 Makita Small Shank

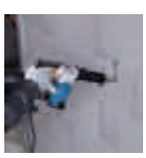
106



P143 J

Quick in removing tiles / concrete scales / weld spatter / old mortar.

- Barrel sheathed in a rubber heat isolator.
- Factory grease packed for reduced maintenance.
- HK1810 : with variable speed feature.



▼HK1810

Scaling chisel x2, Bull point

Continuous rating Input	505W
Impacts per minute (ipm)	HK1810 : 0 - 3,200 HK1800 : 3,200
Overall length	315mm (12-3/8")
Net weight	HK1810 : 3.2kg (7.1lbs) HK1800 : 3.3kg (7.3lbs)
Power supply cord	5.0m (16.4ft)

Power Scraper

HK1820 Adapted for SDS-PLUS bits

350



P143 B

Compact and lightweight. One-touch sliding chuck.

- Vibration absorbing handle ensures more comfort and control and less fatigue.
- Barrel cover allows for comfortable barrel gripping.
- Large trigger switch with variable speed control function.
- Variable Speed Control by Dial enables to adjust scraping power to the material of subfloor/ subwall.
- Chisel rotates full 360 degrees with 12 different locking positions.



Bull point, Scaling chisel, Scaling chisel (for tile), Hook complete

Continuous rating Input	550W
Impacts per minute (ipm)	0-3,200
Dimensions (L x W x H)	351x102x203mm (13-3/4"x4"x8")
Net weight	3.4kg (7.5lbs)
Power supply cord	5.0m (16.4ft)

Power Scraper

HK1820L Adapted for SDS-PLUS bits

350



P143 B

Long handle enables to remove flooring materials without bending your back.

- SDS-Plus Power Scraper.
- One-touch sliding chuck for easy bit change.
- Chisel rotates full 360 degrees with 12 different locking positions.



Hex wrench

Continuous rating Input	510W
No load speed (rpm)	3,100
Dimensions (L x W x H)	1,293x116x386mm (51"x4-9/16"x15-1/4")
Net weight	5.3kg (11.6lbs)
Power supply cord	5.0m (16.4ft)

Tool does not come with Scraper assembly.

Accessories

A Hammer Drill, Diamond Core Hammer Drill

Page 309, 343, 486, 512

Straight shank Tungsten carbide-tipped bit

Drill bit (use with drill mode)

Hole saw, Metal borer, BiM hole saw (use with drill mode)

Diamond core bit (Dry type) (For Model 8406, 8406C)

Center bit — Diamond core bit — Center bit shank

Hammer Drill

Diamond Core Hammer Drill

8406, 8406C

B Tools for SDS-PLUS Hammers

Page 309, 343, 486, 512

Tungsten carbide-tipped bit

Drill chuck assembly

Dust cup

Drill bit

Chuck key

Hole saw, BiM hole saw

Diamond core bit (Dry type)

Center bit — Diamond core bit — Center bit shank

Bull point
Cold chisel
Grooving chisel
Scaling chisel
Scraper assembly 100

Combination Hammer (3 Mode)

Rotary Hammer (2 Mode)

Power Scraper

HK1820

C Tools for SDS-MAX Hammers

Page 144, 309, 343

Drill bit

Tungsten carbide-tipped bit

Bull point
Cold chisel
Scaling chisel
Clay spade
Bushing tool
Rammer

Combination Hammer

Rotary Hammer

Demolition Hammer





D Hex shank

Page 144, 343

Tungsten carbide-tipped bit

Bull point
Cold chisel
Grooving chisel
Scaling chisel
Clay spade
Bushing tool
Rammer
Ground rod adapter

Rotary Hammer

Demolition Hammer

E 19mm Hex shank

Page 144, 343

Bull point
Cold chisel
Scaling chisel
Clay spade
Rammer
Ground rod adapter

Rotary Hammer

Demolition Hammer

F 21mm Hex shank — G 21mm Hex shank

Page 343

Bull point
Cold chisel
Scaling chisel
Grooving chisel
Clay spade
Bushing tool
Rammer

H 28.6mm Hex shank — I 30mm Hex shank

Page 343

Bull point
Cold chisel
Scaling chisel
Clay spade
Rammer

Electric Breaker

Demolition Hammer

J Makita small shank

Page 343

Bull point
Scaling chisel
Grooving chisel
Scraper assembly

Power Scraper

Accessories

Ground rod adapter

(For driving ground rods)



Model No.	Part No.
HR3530, HR4030C, HM0810/T, HM0830/T	A-47276
HR3520B, HR4040C, HR4041C, HR5000, HM0810B, HM1140C, HM1242C	798132-2

Quick change drill chuck set



*with locking device

Model No.	Part No.
DHR264, DHR243, BHR262T, HR2470T/FT, HR2810T, HR2811FT HR2300T, HR2310T, HR2320THR2610T, HR2611FT, HR2631FT, HR2630T	194079-2
HR3210FCT	194568-7
HR2610T, HR2611FT	*196173-6

Tool holder set



Model No.	Part No.
DHR264, DHR243, BHR262T, HR2470T/FT, HR2810T, HR2811FT HR2300T, HR2310T, HR2320THR2610T, HR2611FT, HR2631FT, HR2630T	194080-7
HR3210FCT	194578-4

Drill chuck assembly (13mm)

(Chuck adapter assembly and Drill chuck)





*Inc.chuck key

Shank	Type	Part No.
SDS-PLUS	with key	122574-2
SDS-PLUS	with key	*194041-7
SDS-PLUS	keyless	122823-7
SDS-MAX	keyless	122829-5

Chuck adapter assembly

With screw M6 x 22

*This item is available on request. Contact us for the minimum order quantity.





Part No.
193850-1
*D-14093

Drill chuck & Chuck key

(Use with chuck adapter)





Description	Part No.
Drill chuck (13mm)	192877-8
Chuck key	763432-9

Drill bit remover set

(Use it with the impact wrench for removing SDS-MAX bit stuck on rebar in concrete.)





Destination	Part No.
-	195870-1
For Canada, USA (Inc. Pin 4 set)	195871-9

Hammer carrier

For Model:

HM1812C, HM1802C, HM1810, HM1801





Part No.
D-54972

Dust cup

(Dust collecter assembly)

(Protects operator from dust and debris)



Bit Dia. (mm)	Part No.
6-14.5	421342-3
12-16	421664-1

Accessories

Waterproof cover

(Protects operator from water, dust and debris)



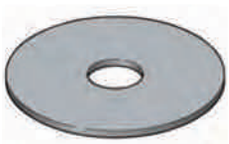
Model No.	Part No.
BHR202, BHR261/T, BHR262/T, HR2020, HR2021, HR2022, HR2230, HR2230,HR2320T, HR2410, HR2440/F, HR2441, HR2442, HR245FT, HR2450/F/FT, HR2451, HR2452, HR2460/F, HR2470/F/T/FT, HR2475、HR2300, HR2310T, HR2600, HR2601/F, HR2610/T, HR2611F/FT, HR2621, HR2630/T, HR2631F/FT	421755-8

Dust cover

(Protects tool holder from dust and debris during overhead operation)

For Model:

HK1800, HK1810



Part No.
423154-0

Dust cup set







*Use with Grip base set

Model No.	Part No.
BHR162, BHR202, BHR241, BHR261, BHR262, DHR263, DHR264, HR1830/F, HR2230, HR2460/F, HR2621, HR2470/F, HR2475, HR2800, HR2810, HR2811F	*194580-7
BHR242, HR2641, HR2631F, HR2630, HR2621, HR2611F, HR2610, HR2601,HR2600, HR2300	195173-3
BHR243, HR2611FT, HR2610T, HR2631FT, HR2630T, HR2310T, HR2320T	195180-6

Grip base set

Use with Dust cup set

BHR162, HR1830/F	194581-5
BHR202, BHR261/T, BHR262/T, DHR241, DHR263, DHR264, HR2470/F, HR2475	194582-3
HR2230, HR2460/F	194583-1

Vacuum attachment

SDS-max 40/45mm class vacuum attachment







Model No.	Part No.
HR4011C, HR4010C, HR4001C, HR4511C, HR4510C, HR4501C, HR4002	195866-2
HR4003C, HR4013C	196536-6
HR5212C , HR5202C	196858-4



Accessories

Hammering only



Model No.	Part No.
HM0830/T, HM0870C, HM0871C, HM1101C, HM1111C, HM1201, HM1203C, HM1213C, HM1214C, HR3530, HR3540C, HR3541FC, HR4001C, HR4002, HR4010C, HR4011C, HR4030C, HR4041C, HR4501C, HR4510C, HR4511C, HR5201C, HR5210C, HR5211C, HR5212C, HR5202C	196571-4
Vacuum attachment set w/o hose for	
HM1304/B, HM1306, HM1317C/CB, HM1303C/CB, HM1400, HM1500, HM1810, HM1801, HM1802, HM1812	197149-6
Vacuum attachment set w/ hose for	
HM1304/B, HM1306, HM1317C/CB, HM1303C/CB, HM1400, HM1500, HM1810, HM1801, HM1802, HM1812	197148-8



Dust bag assembly

For Model:

HR2432





Type	Part No.
Standard	122708-7

Oil supply & Grease vessel



Model No.	Contents	Part No.
HM1302, HM1305, HM1306	Oil 100 ml	181118-7
Hammers	Grease 30g	181490-7
18-24mm Hammers	Grease 30g	183477-5
Hammers (for bit)	Grease 100ml	194683-7

Grip

*Rubberized Grip



Model No.	Part No.
HM0810/B/T, HR3520/B, HR3850/B, HR3851	273457-0
HP1230, HP1210, HP1621/F, HP1630, HP1631, HP1640/F, HP1641/F, HP2050/F, HP2051/F, HP2070/F, HP2071/F, HR2010, HR2020, HR2021, HR2022, HR2432, HR2410, HR2440/F, HR2441, HR2442, HR2445, HR2450/F/T/FT, HR2451, HR2452, HR2453, HR2454, HR2455	153503-4
BHR202, BHR242, BHR243, BHR261, BHR262, HP1230, HR1830/F/FT, HR2230, HR2460/F, HR2470/F/T/FT, HR2475/FT,HR2800, HR2810/FT, HR2811FT	*158057-6
HP1200, HP1500, HP1501, HP1510, HP1620, HP1620/F, HP1621/F HP1630, HP1631, HP1640/F, HP1641, F HP2030, HP2031, HP2032 HP2033, HP2040, HP2041, HP2042	152489-9
HM1400, HM1400K, 8600N, 8600S	273423-7
HM0830, HM0870C, HM0871C, HM1111C, HR3000C, HR3200C, HR3210C, HR3530, HR3540C, HR3541FC, HR4000C, HR4001C, HR4002, HR4003C, HR4010C,HR4011C, HR4030C, HR4041C, HR4500C, HR4501C, HR4510C, HR4511C, HR5001C, HR5201C, HR5210C, HR5211C	158131-0
HR3511, HR3520/B, HR3520T, HR3521, HR3811, HR3850/B/K, HR3851, HR5000/K, 8406, 8406C	273472-4

Grip assembly

(w / grip base)



Model No.	Part No.
8416, HP2010N	122428-3
HR2021, HR2022, HR2432, HR2441, HR2445, HR2451, HR2452, HR2453, HR2454, HR2455	135302-6
HR3200C, HR3210C/FCT	135197-7
HR3540C, HR3541FC, HR4001C, HR4010C, HR4011C HR4501C, HR4510C, HR4511C	135209-6
HR4500C	134916-8
HR5001C	134881-1
HR5201C, HR5210C, HR5211C	135380-6
HM0870C, HM0871C	135332-7
HM1111C, HM1101C	135413-7

Accessories

Side handle assembly





Model No.	Part No.
HM1100/C, HM1200/B, HM1130/C, HM1140C, HM1211B, HM0870C, HM0871C	134909-5
HM1202C, HM1242C, HR5201C, HR5210C, HR5211C	135269-8
HM1200K	134944-3
HM1111C, HM1101C, HR3540C, HR3541FC, HR4001C, HR4002 HR4010C, HR4011C, HR4040C, HR4501C, HR4510C, HR4511C	134890-0
HR5000, HR5000K	134887-9
HR5212C, HR5202C	135283-4

Hammer service kit

A: With Slide-Chuck System

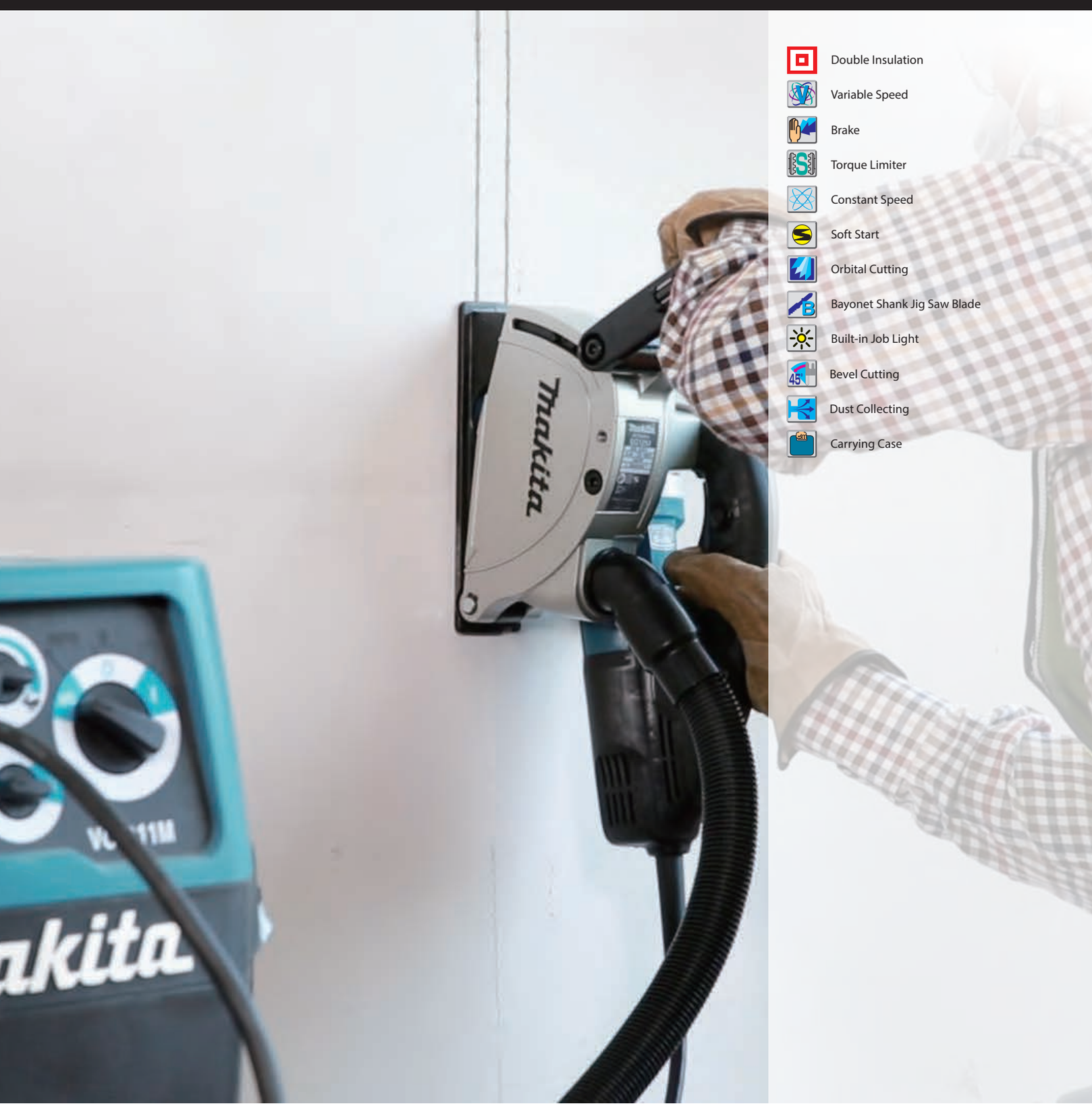
B: With Swivel-Chuck System

Model No.	Type	Part No.
HK0500	-	193397-5
HK1800, HK1810	-	193394-1
HK1820/L	-	195194-5
HM0810/T/B	-	193242-4
HM0830/T	-	195200-6
HM0860C	-	195204-8
HM0870C, HM0871C	-	195113-1
HM1100/C	-	193243-2
HM1130/C	-	193405-2
HM1200/B	-	193244-0
HM1200K	-	193279-1
HM1202/C	-	193391-7
HM1203C, HM1205C, HM1213C, HM1214C	-	195114-9
HM1303/B	-	193393-3
HM1304/B	-	195201-4
HM1305	-	195203-0
HM1306	-	195212-9
HM1307C, HM1307CB, HM1317C, HM1317CB	-	195103-4
HM1400	-	193399-1
HM1500	-	193403-6
HM1500B	-	195202-2
HM1800	-	193402-8
HM1801, HM1810	-	195205-6
HR1830/F	-	195198-7
HR2010	A	193395-9
HR2010	B	193396-7
HR2300, HR2600, HR2610	-	195105-0
HR2310T, HR2610T	-	195106-8
HR2601, HR2611F	-	195107-6
HR2611FT	-	195108-4
HR2020, HR2021, HR2022, HR2440/F, HR2441, HR2442, HR2445, HR2450/F/FT/T, HR2451, HR2452, HR2453, HR2454, HR2455	-	193606-2
HR2800, HR2810/T, HR2811F/FT	-	195206-4
HR2400	A	193386-0
HR2400	B	193387-8
HR2410, HR2420, HR2430, HR2431	A	193388-6
HR2410, HR2420	B	193389-4
HR2410, HR2420, HR2430, HR2431	-	193388-6
HR2230, HR2460/F, HR2470/F/FT/T	-	195263-2
HR2510	-	193404-4
HR3000C	-	193390-9
HR3200C, HR3210C, HR3210FCT	-	195199-5
HR3520, HR3520T	-	193280-6
HR3530	-	195211-1
HR3540C, HR3541FC	-	195192-9
HR3550C	-	193406-0
HR3850/B, HR3851	-	193281-4
HR3850K	-	193282-2
HR4000C	-	193283-0
HR4001C, HR4002, HR4010C, HR4011C	-	195195-3
HR4003C, HR4013C	-	196532-4
HR4030C	-	195207-2
HR4041C	-	195209-8
HR4501C, HR4510C, HR4511C	-	195210-3
HR4500C	-	193407-8
HR5000	-	193284-8
HR5000K	-	193285-6
HR5001C	-	193392-5
HR5201C, HR5210C, HR5211C	-	195191-1
HR5212C, HR5202C	-	196865-7



PRODUCTS

CUTTING



- Double Insulation
- Variable Speed
- Brake
- Torque Limiter
- Constant Speed
- Soft Start
- Orbital Cutting
- Bayonet Shank Jig Saw Blade
- Built-in Job Light
- Bevel Cutting
- Dust Collecting
- Carrying Case

Dustless Cutter

4105KB 125mm (5")

100



P157 A

Popular, dust-free performer for faster and cleaner dry-cutting.

· With overload motor protector.



Continuous rating Input	1,050W
Capacity	Max. cutting : 40mm (1-5/8")
Blade diameter	125mm (5")
No load speed (rpm)	7,500
Overall length	230mm (9")
Net weight	3.1kg (6.8lbs)
Power supply cord	2.5m (8.2ft)

● Diamond wheel, Wrench, Hex wrench, Dust bag assembly

Cutter

4100NB 110mm (4-3/8")

253



P157 A

The field-proven, steady performance.

· Comes with a coolant feed and a comfortably fluted handle.
· Water flow easily adjusted.



Continuous rating Input	860W
Capacity	Max. cutting : 34mm (1-5/16")
Blade diameter	110mm (4-3/8")
No load speed (rpm)	11,000
Overall length	218mm (8-5/8")
Net weight	2.8kg (6.1lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with diamond wheel.

● Wrench, Hex wrench, Water plug & tube

Cutter

4100NH3 110mm (4-3/8")

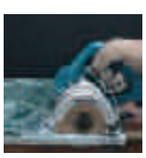
303



P157 A

Redesigned base with grooved back surface for smoother operation.

· Easy alignment of base end with the cutting line on workpiece.
· Water supply fixture can be mounted.
· On-tool storage for hex wrench
· Anti-slip dimples
· Specialized for right angle cutting only.



Continuous rating Input	1,200W
Capacity	Max. cutting : 32 mm (1-1/4")
Blade diameter	110 mm (4-3/8")
No load speed (rpm)	13,000
Dimensions (L x W x H)	227x209x166mm (8-15/16"x8-1/4"x6-1/2")
Net weight	2.9kg (6.4lbs)
Power supply cord	2.0m (6.6ft)

Tool does not come with diamond wheel.

● Wrench, Hex wrench, Water supply fixture (for some countries)

Cutter

4100NH2 110mm (4-3/8")

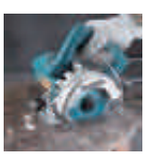
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P157 A

Bevel cut up to 45 degrees.

· High power motor for heavy-duty applications.
· Diamond cup wheel can be used.
· Up to 125mm (5") diameter diamond wheel can be used.



Continuous rating Input	1,400W
Max cutting capacity	at 0 degrees : 32.5mm (1-1/4")
	at 45 degrees : 21.5mm (7/8")
Blade diameter	110mm (4-3/8")
No load speed (rpm)	12,000
Dimensions (L x W x H)	238x211x169mm (9-3/8"x8-5/16"x6-5/8")
Net weight	3.0kg (6.6lbs)
Power supply cord	2.5m (8.2ft)

● Diamond wheel, Wrench, Hex wrench, Water supply unit

Cutter

4101RH 125mm (5")

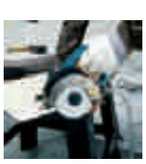
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P157 A

Powerful and durable motor for longer life.

· Equipped with earth leakage breaker to meet CE standard.
· Can be used with up to 125mm (5") diamond wheel.



Continuous rating Input	860W
Max cutting capacity	at 0 degrees : 41.5mm (1-5/8")
	at 45 degrees : 26mm (1")
Blade diameter	125mm (5")
No load speed (rpm)	12,000
Overall length	236mm (9-5/16")
Net weight	5.2kg (11.5lbs)
Power supply cord	3.0m (9.8ft)

● Diamond wheel 110mm (4-3/8"), Wrench, Hex wrench, Water plug & tube

Items of standard equipment and specifications may vary by country or area.

Cutting(New Material / Masonry)

Cutter

4107R 180mm (7-1/8") 153

Quick and clean cutting.

· Waterproof construction.





Continuous rating Input	*1,400W*
Capacity	*Max. cutting : 60mm (2-3/8")*
Blade diameter	*180mm (7-1/8")*
No load speed (rpm)	*5,000*
Overall length	*370mm (14-9/16")*
Net weight	*6.6kg (14.5lbs)*
Power supply cord	*5.0m (16.4ft)*

● Diamond wheel, Socket wrench, Offset wrench, Water plug & tube

➔P157 A

Circular Saw with Dust Collection

5057KB 185mm (7-1/4") 153

Specially designed circular saw for speedy cutting of fiber-cement board.

· Enough power to cut 5 stacked siding boards in a single pass.
· Dust collection container captures waste for a cleaner work environment.
· Bevel cuts from 0 to 45 degrees.





Continuous rating Input	*1,400W*
Max cutting capacity	*at 0 degrees : 60mm (2-3/8")*
	at 45 degrees : 30mm (1-1/8")
Blade diameter	*185mm (7-1/4")*
No load speed (rpm)	*5,800*
Overall length	*354mm (14")*
Net weight	*5.4kg (11.8lbs)*
Power supply cord	*5.0m (16.4ft)*

● Carbide-tipped saw blade, Rip fence (guide rule), Wrench

➔P157 B

Dustless Cutter

4157KB 180mm (7-1/8") 153

Large transparent dust collection container efficiently captures waste for a cleaner work environment.

· Smoothly cuts in bricks, refractory, or fiber-cement boards with powerful motor.
· Dust-proof switch and ball bearings ensure extended service life.





Continuous rating Input	*1,400W*
Max cutting capacity	*at 0 degrees : 58mm (2-1/4")*
	at 45 degrees : 29mm (1-1/8")
Blade diameter	*180mm (7-1/8")*
No load speed (rpm)	*5,800*
Overall length	*354mm (14")*
Net weight	*5.6kg (12.3lbs)*
Power supply cord	*4.0m (13.1ft)*

● Diamond wheel, Hex wrench

➔P157 B

Angle Cutter

4112HS 305mm (12") 204

305m (12") diamond wheel provides max.cutting depth of 100mm (4").

· 4112HS: Features soft start for smooth start-ups.
· Smooth and comfortable cutting.





Continuous rating Input	*2,400W*
Capacity	*Max. cutting : 100mm (4")*
Blade diameter	*305mm (12")*
No load speed (rpm)	*5,000*
Overall length	*648mm (25-1/2")*
Net weight	*11.4kg (25.2lbs)*
Power supply cord	*2.5m (8.2ft)*

Tool does not come with diamond wheels.

● Socket wrench

➔P157 A

Angle Cutter

4112H 305mm (12") 204

305m (12") diamond wheel provides max.cutting depth of 100mm (4").

· Smooth and comfortable cutting.





Continuous rating Input	*2,400W*
Capacity	*Max. cutting : 100mm (4")*
Blade diameter	*305mm (12")*
No load speed (rpm)	*5,000*
Overall length	*648mm (25-1/2")*
Net weight	*11.4kg (25.2lbs)*
Power supply cord	*2.5m (8.2ft)*

Tool does not come with diamond wheels.

● Socket wrench

➔P157 A

Angle Cutter

4114S 355mm (14")

204

High torque delivered at low motor speed of 3,500 rpm.

· 4114S : Soft start function minimizes the startup shock.
· Dust cover protects the operator's hands from flying dust and chips.
· Nozzle connectable with vacuum cleaner for clean operation.
· Large base allows for stable cutting.



SUPER JOINT SYSTEM SJS

P157 A



Wrench

Continuous rating Input	2,400W
Capacity	Max. cutting : 125mm (5")
Wheel diameter	355mm (14")
Hole dia.	25.4mm (1")
No load speed (rpm)	3,500
Dimensions (L x W x H)	673x240x329mm (26-1/2"x9-1/2"x13")
Net weight	10.8kg (23.9lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with diamond wheels.

Angle Cutter

4114 355mm (14")

210

High torque delivered at low motor speed of 3,500 rpm.

· Dust cover protects the operator's hands from flying dust and chips.
· Nozzle connectable with vacuum cleaner for clean operation.
· Large base allows for stable cutting.



SUPER JOINT SYSTEM SJS

P157 A



Wrench

Continuous rating Input	1,650W
Capacity	Max. cutting : 125mm (5")
Wheel diameter	355mm (14")
Hole dia.	25.4mm (1")
No load speed (rpm)	3,500
Dimensions (L x W x H)	673x240x329mm (26-1/2"x9-1/2"x13")
Net weight	12.0kg (26.5lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with diamond wheels.

Wall Chaser

SG1251 125mm (5")

318

new

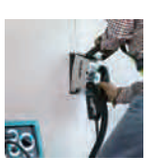
Clean, compact and comfortable.

· Makita wall chaser offers the most efficient cutting of clean edged grooves for channels.
· Ergonomically designed handle for comfort.
· Conveniently located front cover efficiently prevents the dust from spreading, in every cutting depth.



SUPER JOINT SYSTEM SJS

P157 A



Diamond wheel x2, Hex wrench, Lock nut wrench

Continuous rating Input	1,400W
Capacity	Depth : 0-30mm (0 - 1-3/16")
	Width : 6-30mm (1/4 - 1-3/16")
Blade diameter	125mm (5")
No load speed (rpm)	10,000
Dimensions (L x W x H)	350x151x178mm (13-3/4"x5-15/16"x7")
Net weight	4.5kg (9.8lbs)
Power supply cord	5.0m (16.4ft)

Wall Chaser

SG150 150mm (6")

Cuts a slot up to 35mm (1-3/8") wide and 45mm (1-3/4") deep in concrete with powerful motor and double diamond wheel.

· High power and its cut ability (from 7 to 35mm of width and from 7 to 45mm of depth) are ideal for electric main wires and spouts as well as for heating systems.



P157 A



Wrench

Continuous rating Input	1,800W
Blade diameter	150mm (6")
Capacity	Depth : 7-45mm (9/32-1-3/4")
	Width : 7-35mm (9/32-1-3/8")
No load speed (rpm)	7,800
Overall length	410mm (16-1/8")
Net weight	5.7kg (12.6lbs)

Tool does not come with diamond wheels.

Cutting(Metal)

Metal Cutter

4131 185mm (7-1/4")

303



➔P157 C

185mm (7-1/4") metal cutter for cutting steel up to 6mm (1/4") in thickness.

- Dust-free, high-speed cutting.
- Cuts steel with minimal burrs and burns.
- One-touch dust-box removable.



Continuous rating Input	1,100W
Blade diameter	185mm (7-1/4")
Capacity	Max. cutting : 63mm (2-1/2")
No load speed (rpm)	3,500
Overall length	358mm (14-1/8")
Net weight	5.1kg (11.3lbs)
Power supply cord	2.5m (8.2ft)

● Carbide-tipped saw blade, Hex wrench, Safety goggles

Recipro Saw

JR1000FT

419



➔P157 D

In-line jigsaw, it can be called as well. Small and light weight body.

- All B type jigsaw blades can fit to this product.
- Accessories for sanding and filing are also available.
- Tool-less blade change system.
- Variable speed for precise cutting in a wide variety of materials.
- With LED job light.



Continuous rating Input	340W
Capacity	Pipe : 25.4mm (1")
	Wood : 55mm (2-3/16")
Length of stroke	14mm (9/16")
Strokes per minute (spm)	0-4,800
Dimensions (L x W x H)	345x65x96mm (13-5/8"x2-9/16"x3-3/4")
Net weight	1.6kg (3.5lbs)
Power supply cord	2.5m (8.2ft)

● No. B-8, B-10, B-30, Hex wrench

Recipro Saw

JR3050T

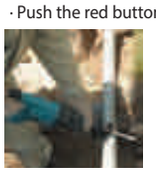
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➔P157 D

Well built and well balanced Mid-class.

- High cutting efficiency by powerful motor.
- Dust proof design 1 : Air from inside prevent the dust collected around slider.
- Dust proof design 2 : Ring, and rubber seal protect gear room against dust.
- Tool-less blade change system.
- Push the red button for adjusting shoe positions.



Continuous rating Input	1,010W
Capacity	Pipe : 90mm (3-1/2")
	Wood : 90mm (3-1/2")
Length of stroke	28mm (1-1/8")
Strokes per minute (spm)	0-2,800
Dimensions (L x W x H)	452x97x170mm (17-3/4"x3-13/16"x6-11/16")
Net weight	3.3kg (7.3lbs)
Power supply cord	2.5m (8.2ft)

● Recipro saw blade set

Recipro Saw

JR3060T

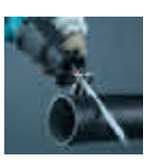
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➔P157 D

Robust body with muscle for heavy-duty operation.

- Orbital action : Selectable from 3 degrees for faster cutting in thick materials.
- Powerful motor for tough job.



Continuous rating Input	1,250W
Capacity	Pipe : 130mm (5-1/8")
	Wood : 255mm (10")
Length of stroke	32mm (1-1/4")
Strokes per minute (spm)	0-2,800
Dimensions (L x W x H)	485x99x181mm (19-1/8"x3-7/8"x7-1/8")
Net weight	4.4kg (9.6lbs)
Power supply cord	2.5m (8.2ft)

● Recipro saw blade x3

Recipro Saw

JR3070CT

303



➔P157 D

Extra-low vibration and extra power.

- Feel its comfort with this machine featuring AVT ; counter weight mechanism which helps to reduce vibration.
- Makita's top-end powerful recipro saw.
- Preset dial for speed control for optimal stroke speed for application.



Continuous rating Input	1,510W
Capacity	Pipe : 130mm (5-1/8")
	Wood : 255mm (10")
Length of stroke	32mm (1-1/4")
Strokes per minute (spm)	0-2,800
Dimensions (L x W x H)	485x99x181mm (19-1/8"x3-7/8"x7-1/8")
Net weight	4.6kg (10.0lbs)
Power supply cord	2.5m (8.2ft)

● Recipro saw blade x3

AVT ANTI VIBRATION TECHNOLOGY

Metal Cutting Saw

LC1230 305mm (12")

203



P157 C

Fast cuts in light pipe, angle iron, tubing, conduit and channels.

· Tool-less cutting angle adjustment.
· Carbide tipped blade lasts longer than abrasive wheel ; cuts clean, accurate and virtually burr-free.



Continuous rating Input	*1,750W*
Blade diameter	*305mm(12")*
Max cutting capacity	*at 0 degrees : 115mm (4-1/2")*
	at 0 degrees : 75x150mm (2-15/16"x5-7/8")
	at 45 degrees : 90mm (3-1/2")
	at 45 degrees : 85x85mm (3-5/16"x3-5/16")
No load speed (rpm)	*1,300*
Dimensions (L x W x H)	*516x306x603mm (20-1/4"x12"x23-3/4")*
Net weight	*19.3kg (42.5lbs)*
Power supply cord	*2.5m (8.2ft)*

Carbide-tipped saw blade (for mild steel), Socket wrench, Safety goggles

Portable Cut-off

2414B 355mm (14")

203



P157 E

Unique twin pivoting cutting head for increased cutting capacity.

· Quick release vise for secure stock retention and fast repeated cut-offs.
· Lock off button helps prevent accidental starting.
· Adjustable depth stop for precise, repeatable cutting depth.
· Guide plate adjusts 45degrees, 3 way adjustment for material holding.



Continuous rating Input	*2,000W*
Wheel diameter	*355mm (14")*
Hole dia.	*25.4mm (1")*
No load speed (rpm)	*3,800*
Dimensions (L x W x H)	*500x280x600mm (19-11/16"x11"x23-5/8")*
Net weight	*15.9kg (35.0lbs)*
Power supply cord	*2.5m (8.2ft)*

Abrasive cut-off wheel, Socket wrench

Portable Cut-off

2414DB 355mm (14")

203



P157 E

Equipped with AC/DC switch.

· Spark diversion guard for operator's safety.
· Adjustable guide plate 45 degrees right and left at 3 locations.
· Quick release vise for secure stock retention and fast repeated cut-offs.
· Convenient storage space for wrench.
· Adjustable depth stop for precise, repeatable cutting depth.



Continuous rating Input	*1,650W*
Wheel diameter	*355mm (14")*
Hole dia.	*25.4mm (1")*
No load speed (rpm)	*3,800*
Dimensions (L x W x H)	*500x280x600mm (19-11/16"x11"x23-5/8")*
Net weight	*16.9kg (37.1lbs)*
Power supply cord	*2.5m (8.2ft)*

1,650W [Used with 120V power source]

Abrasive cut-off wheel, Socket wrench

Portable Cut-off

2414NB 355mm (14")

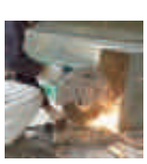
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P157 E

D-shape handle for easy gripping.

· Spark diversion guard for operator's safety.
· Adjustable guide plate 45 degrees right and left at 3 locations.
· Quick release vise for secure stock retention and fast repeated cut-offs.
· Convenient storage space for Wrench.
· Adjustable depth stop for precise, repeatable cutting depth.



Continuous rating Input	*2,000W*
Wheel diameter	*355mm (14")*
Hole dia.	*25.4mm (1")*
No load speed (rpm)	*3,800*
Dimensions (L x W x H)	*500x280x600mm (19-11/16"x11"x23-5/8")*
Net weight	*18.4kg (40.6lbs)*
Power supply cord	*2.5m (8.2ft)*

Abrasive cut-off wheel, Socket wrench

Portable Cut-off

2414EN 355mm (14")

203



P157 E

Comply with new EU standards.

· Increased cutting visibility.
· Large sized spark guard prevents backward scattering of spark.



Continuous rating Input	*2,000W*
Wheel diameter	*355mm (14")*
Hole dia.	*25.4mm (1")*
No load speed (rpm)	*3,800*
Dimensions (L x W x H)	*500x280x620mm (19-3/4"x11"x24-3/8")*
Net weight	*17.6kg (38.7lbs)*
Power supply cord	*2.5m (8.2ft)*

Abrasive cut-off wheel, Socket wrench

Items of standard equipment and specifications may vary by country or area.

Cutting(Metal)

Portable Cut-off

2416S 405mm (16")

153



P157 E

405mm (16") blade for more cutting capacity.

· Good reputation for pipe and angle iron cut-off work.
· Quick release vise for secure stock retention and fast repeated cut-offs.



● Abrasive cut-off wheel, Socket wrench

Continuous rating Input	*1,430W*
Wheel diameter	*405mm (16")*
Hole dia.	*25.4mm (1")*
No load speed (rpm)	*2,300*
Dimensions (L x W x H)	*610x265x535mm (24"x10-3/8"x21")*
Net weight	*19.2kg (42.3lbs)*
Power supply cord	*2.5m (8.2ft)*

Portable Band Saw

2107F

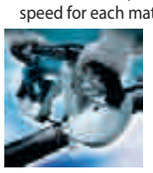
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P157 F

Large 120 x 120mm (4-3/4" x 4-3/4") capacity with excellent tool balance.

· Bridge construction of aluminum frame and motor housing makes the machine more durable.
· Built-in fluorescent job light for clear view of ink line even in dark places.
· Switch for fluorescent job light is independent of main switch.
· Preset dial for speed adjustment enables you to obtain suitable cutting speed for each material.





● Carbon steel band saw blade (18 teeth per inch), Hex wrench

Continuous rating Input	*710W*
Capacity	*Round workpiece (dia) : 120mm (4-3/4")*
	Rectangular workpiece Without stand : 120x120mm (4-3/4"x4-3/4")
Blade speed	*60m (200 ft) - 105m (350 ft) / min*
Dimensions (L x W x H)	*508x188x256mm (20"x7-3/8"x10-1/8")*
Net weight	*6.0kg (13.1lbs)*
Power supply cord	*2.5m (8.2ft)*

Straight Metal Shear

JS1601 1.6mm (16Ga)

459



P157 G

Ingenious aesthetic design provides more control and high maneuverability.

· Mainly for Straight Cutting.
· Ergonomically best possible barrel grip for straight shear.
· Side blades fixed more stably.
· Rear cover ergonomically tapered for easy grip.



● Hex wrench 3, Thickness gauge

Continuous rating Input	*380W*
Capacity	*Steel up to 400 N/mm²: 1.6mm*
	Steel up to 600 N/mm²: 1.2mm
	Steel up to 800 N/mm²: 0.8mm
	Aluminum up to 200 N/mm²: 2.5mm
Min. cutting radius	*250mm (9-7/8")*
Strokes per minute (spm)	*4,500*
Dimensions (L x W x H)	*320x70x78mm (12-5/8"x2-3/4"x3-1/16")*
Net weight	*1.4kg (3.1lbs)*
Power supply cord	*2.5m (8.2ft)*

Metal Shear

JS1000 1.0mm (20Ga)

459



P157 G

For fast and easy straight and curve cutting of steel.

· Compact and lightweight.
· Minimum outside cutting radius of 30mm (1-3/16") for close right or left curve cuts with a smooth edge.
· Removes a continuous metal curl with no material distortion.



● Hex wrench, Thickness gauge

Continuous rating Input	*380W*
Capacity	*Steel up to 400 N/mm²: 1.0mm*
	Steel up to 600 N/mm²: 0.7mm
	Steel up to 800 N/mm²: 0.5mm
	Aluminum up to 200 N/mm²: 2.5mm
Min. cutting radius	*30mm (1-3/16")*
Strokes per minute (spm)	*4,500*
Dimensions (L x W x H)	*322x70x78mm (12-5/8"x2-3/4"x3-1/16")*
Net weight	*1.4kg (3.1lbs)*
Power supply cord	*2.5m (8.2ft)*

Metal Shear

JS1602 1.6mm (16Ga)

459



P157 G

Slim motor housing and rear cover provides more control and better maneuverability.

· Conveniently located slide switch for one hand operation.
· Common blade with JS1600.



● Hex wrench

Continuous rating Input	*380W*
Capacity	*Steel up to 400 N/mm²: 1.6mm*
	Steel up to 600 N/mm²: 1.2mm
	Steel up to 800 N/mm²: 0.8mm
	Aluminum up to 200 N/mm²: 2.5mm
Min. cutting radius	*30mm (1-3/16")*
Strokes per minute (spm)	*4,000*
Dimensions (L x W x H)	*255x74x146mm (10"x2-15/16"x5-3/4")*
Net weight	*1.6kg (3.4lbs)*
Power supply cord	*2.5m (8.2ft)*

Metal Shear

JS3201 3.2mm

303



P157 G

Robust design with elastomer coated handle provides easy operation.

· Protector equipped under the body prevents from scratching by metal cutting piece, and enables smooth cutting.
· Common blade with JS3200.
· On-tool storage for Hex wrench.



Shear blades set, Hex wrench, Thickness gauge

Continuous rating Input	710W
Capacity	Steel up to 400 N/mm²: 3.2mm
	Steel up to 600 N/mm²: 2.5mm
	Steel up to 800 N/mm²: 1.5mm
	Aluminum up to 200 N/mm²: 4.0mm
Min. cutting radius	50mm (2")
Strokes per minute (spm)	1,600
Dimensions (L x W x H)	213x90x239mm (8-3/8"x3-1/2"x9-3/8")
Net weight	3.4kg (7.4lbs)
Power supply cord	2.5m (8.2ft)

Cement Shear

JS8000 8mm

419



P157 G

Cement board shear, Best designed for cutting cement-board.

· Retractable hook.
· Ergonomically designed handle with rubberized soft grip provides more control and comfort.
· Sturdy aluminum gear housing.
· Soft grip provides more comfort.



Hex wrench

Continuous rating Input	570W
Capacity	Max. cutting : 8mm (5/16")
Strokes per minute (spm)	0 - 2,500
Dimensions (L x W x H)	346x70x223mm (13-5/8"x2-3/4"x8-3/4")
Net weight	2.2kg (4.8lbs)
Power supply cord	2.5m (8.2ft)

Nibbler

JN1601 1.6mm

411



P157 H

Precise, burr-free curved and straight cuts from slim, yet powerful performer.

· Cuts flat and corrugated sheet metal with the same die.
· Die rotates 360degrees, large 1/4" stroke.
· Built-in thickness gauge for convenience.



Hex wrench, Wrench, Punch, Die

Continuous rating Input	550W
Capacity	Steel up to 400 N/mm²: 1.6mm
	Steel up to 600 N/mm²: 1.2mm
	Steel up to 800 N/mm²: 0.8mm
	Aluminum up to 200 N/mm²: 2.5mm
Min. cutting radius	Outside edge : 50mm (2")
	Inside edge : 45mm (1-3/4")
Strokes per minute (spm)	2,200
Overall length	261mm (10-1/4")
Net weight	1.6kg (3.6lbs)
Power supply cord	2.0m (6.6ft)





Cutting(Metal)

Nibbler

JN3201 3.2mm

303



P157

Robust design with elastomer coated handle provides easy operation.

· Common blade with JN3200.
· On-tool storage for Hex wrench.



Punch, Die, Wrench 50, Hex wrench, Washer

Continuous rating Input	710W
Capacity	Steel up to 400 N/mm²: 3.2mm
	Steel up to 600 N/mm²: 2.5mm
	Steel up to 800 N/mm²: 1.0mm
	Aluminum up to 200 N/mm²: 3.5mm
Min. cutting radius	Outside edge : 128mm (5-1/16")
	Inside edge : 120mm (4-3/4")
Strokes per minute (spm)	1,300
Dimensions (L x W x H)	225x90x254mm (8-7/8"x-1/2"x10")
Net weight	3.4kg (7.4lbs)
Power supply cord	2.5m (8.2ft)

Hole Puncher

PP200

253



P157

Makita Electro-hydraulic hole puncher featured a powerful motor assures quick and precise punching up to max. 20mm (6")(thickness 6mm (1/4")).



Work stand, Wrench, Hex wrench 5, Oil 35ml

Continuous rating Input	1,050W
Capacity	Diameter : 20mm (13/16")
	Thickness of cut : 6mm (1/4")
Overall length	495mm (19-1/2")
Net weight	11.4kg (25.1lbs)
Power supply cord	2.5m (8.2ft)





Accessories

A Cutter, Angle Cutter

Page 475, 512

Diamond wheel



Abrasive cut-off wheel for angle cutter





B Circular Saw with Dust Collection, Wall Chaser

Page 404, 512

Diamond wheel



Carbide-tipped saw blade





C Metal Cutting Saw, Metal Cutter

Page 404

Carbide-tipped saw blade for Metal





D Recipro Saw

Page 457

Recipro saw blade





E Portable Cut-off

Page 475

Abrasive cut-off wheel for portable cut-off





F Portable Band Saw

Page 457

Band saw blade





G Straight Shear, Shear

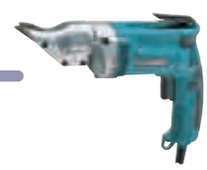
Page 158, 159

Shear head assembly



Shear blade





Side blade



Thickness gauge





Center blade



H Nibbler

Page 159

Punch



Die





I Hole Puncher

Page 160

Punch & Die









Accessories

Pipe



Model No.	Part No.
4100NB, 4100NH	164405-9
4101R, 4101RH	153409-6
4107R, 4107RH	164350-8
4140	153555-5

Vinyl tube



Model No.	Size (mm)	Part No.
4100NB, 4100NH, 4101RH, 4101R, 4140	5x7x5,000	412010-9
4107R, 4107RH	5x9x5,000	412028-0

Rip fence (Guide rule)

4101RH(Use with 924206-5 Wing bolt M5 x 10)

4131(Use with 265701-9 Wing bolt M6 x 14)

For Model:

4100NB, 4100NH, 4105KB, 4131,

5057KB, 4101RH, 4157KB



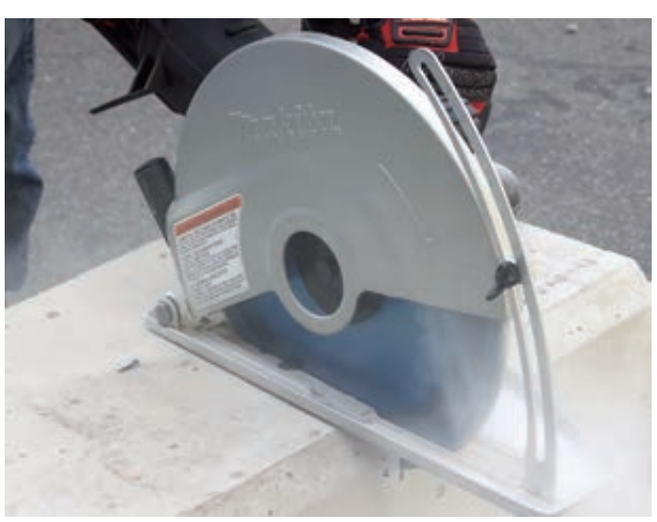
Part No.
164095-8

Base set

(To set cutting depth)



Model No.	Part No.
4110C	122263-9
4112H/S/HS	122683-7
4114, 4114S	165431-1



Portable band saw stand,

Cover & Fluorescent light set

(For accurate square cutting operations)

For Model:

2107F





Description	Part No.
Portable band saw stand	194026-3
Cover	196325-9
Portable band saw stand and Cover set	196326-7

For Model:

DPB181

Description	Part No.
Cover	196585-3

Cutting wax

For Model:

DPB181, DPB180, 2106, 2106W, 2107F, 2107FW



Part No.
191897-9

Fluorescent light set

For Model:

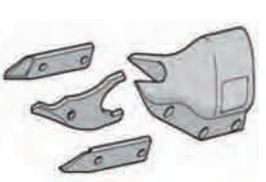
2107F



Part No.
193730-1

Shear head assembly

*Blade assembly



Model No.	Application	Part No.
JS1300	for 18Ga	194695-0
DJS130	for 16Ga	194694-2
JS8000	-	125354-5
	-	*135168-4

Accessories

Shear blade

(Two per set in blister pack.)

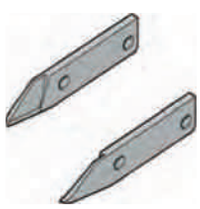


Model No.	Part No.
JS1600, JS1602	191383-0
JS1601, DJS160, DJS161	792533-6
JS1000, DJS100, DJS101	792536-0
JS3200, JS3201	792287-5

Side blade

For Model:

JS1300, DJS130



Direction	Part No.
R	792742-7
L	792743-5

Center blade



Model No.	Application	Part No.
JS1300	18Ga	792744-3
DJS130	16Ga	194696-8
JS1601, DJS160, DJS161	-	792534-4
JS1000, DJS100, DJS101	-	792537-8

Thickness gauge

(For setting shear blades at the proper gap)



Model No.	Part No.
JS3200, JS3201	762007-1
JS1660, JS1601, DJS160, DJS161	762013-6

Punch



Model No.	Part No.
JN1601, DJN161, DJN160	A-83951
JN3200, JN3201	792728-1

Die

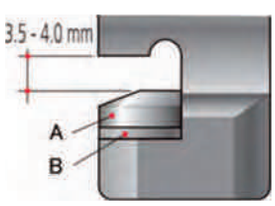


Model No.	Part No.
JN1601, DJN161, DJN160	A-15051
JN3200, JN3201	792292-2

Washer

(To keep clearance of 3.5 to 4.0mm, use a washer or two under the die when installing a resharpened die.)

A.Die, B.Washer



Model No.	Part No.
JN3200, JN3201	341796-7

Wrench



Model No.	Part No.
JN1601	781028-4
JN3200, JN3201	781019-5

Bolted blade clamp set

Model No.	Part No.
JR3060T, JR3070CT	195413-9

Accessories

Punch & Die

*Punches holes through up to 6mm stainless steel.

A: Punch, B: Die

For Model:

PP200



	Punch		Die					
	Normal steel,Stainless steel, Channel	6mm stainless steel, exclusively	Steel (Thickness)		Stainless steel (Thickness)			Channel
			2-3.2mm	4-6mm	3 mm	4 mm	4-5 mm	SS400
Round holes Punching size (mm)	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
6	SC53300101	-	SC00000180	SC00000181	SC00000202	SC00000203	-	-
6.5	SC53300201	-	SC00000182	SC00000183	SC00000204	SC00000205	-	-
8	SC53300301	-	SC00000184	SC00000185	SC00000206	SC00000207	-	-
8.5	SC53300401	-	SC00000186	SC00000187	SC00000208	SC00000209	-	-
10	SC53300501	-	SC00000188	SC00000189	SC00000210	SC00000211	-	SC00000224
11	SC53300601	SC05330200	SC00000190	SC00000191	SC00000212	-	SC00000213*	SC00000225
12	SC53300701	SC05330210	SC00000192	SC00000193	SC00000214	-	SC00000215*	SC00000226
13	SC53300801	SC05330220	SC00000194	SC00000195	SC00000216	-	SC00000217*	SC00000227
14	SC53300901	SC05330230	SC00000196	SC00000197	SC00000218	-	SC00000219*	SC00000228
15	SC53301001	SC05330240	SC00000198	SC00000199	SC00000220	SC00000221*	-	SC00000229
16	SC53301101	SC05330250	SC05330700	SC05330710	SC05332700	SC05332710*	-	-
18	SC53301201	SC05330260	SC00000200	SC00000201	SC00000222	SC00000223*	-	SC00000230
20	SC53500101	SC05330270	SC05350500	SC05350510	SC05352500	SC05352510*	-	-

	Punch		Die				
	Steel (Thickness)	Stainless steel (Thickness)	Steel (Thickness)		Stainless steel (Thickness)		Channel
			2-3.2mm	4-6mm	2-3.2mm	4-6mm	SS400
Oblong Punching size (mm)	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
6.5x10	SC00000231	-	SC00000243	SC00000244	-	-	-
6.5x13	SC00000232	-	SC00000245	SC00000246	-	-	-
8.5x13	SC00000233	-	SC00000247	SC00000248	-	-	-
8.5x17	SC00000234	-	SC00000249	SC00000250	-	-	-
9x13.5	SC00000235	-	SC00000251	SC00000252	-	-	-
9x18	SC00000236	-	SC00000253	SC00000254	-	-	-
10x15	SC00000237	SC05331700	SC00000255	SC00000256	SC00000255	SC05333000	SC00000267
10x20	SC00000238	SC05331710	SC00000257	SC00000258	SC00000257	SC05333010	SC00000268
11x16.5	SC00000239	SC05331720	SC00000259	SC00000260	SC00000259	SC05333020	SC00000269
12x18	SC00000240	SC05331730	SC00000261	SC00000262	SC00000261	SC05333030	-
13x19.5	SC00000241	SC05331740	SC00000263	SC00000264	SC00000263	SC05333040	-
14x21	SC00000242	SC05331750	SC00000265	SC00000266	SC00000265	SC05333050	-

PRODUCTS

GRINDING / SANDING



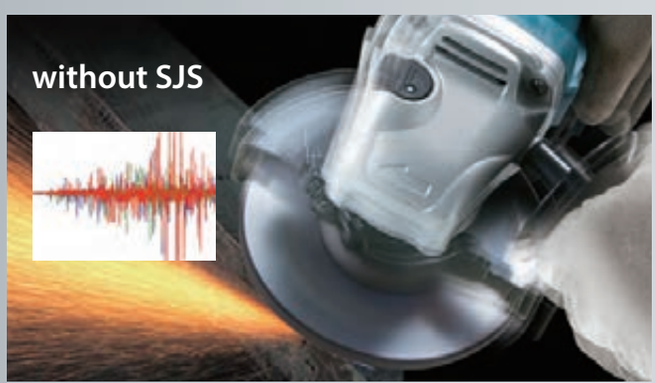
- Double Insulation
- Variable Speed
- Brake
- Electronic 2-Speed
- Electronic 3-Speed
- Torque Limiter
- Constant Speed
- Soft Start
- Hook & Loop
- Dust Collecting
- Built-in Job Light
- Carrying Case



SJS II

SUPER JOINT SYSTEM

To suppress vibration to operator



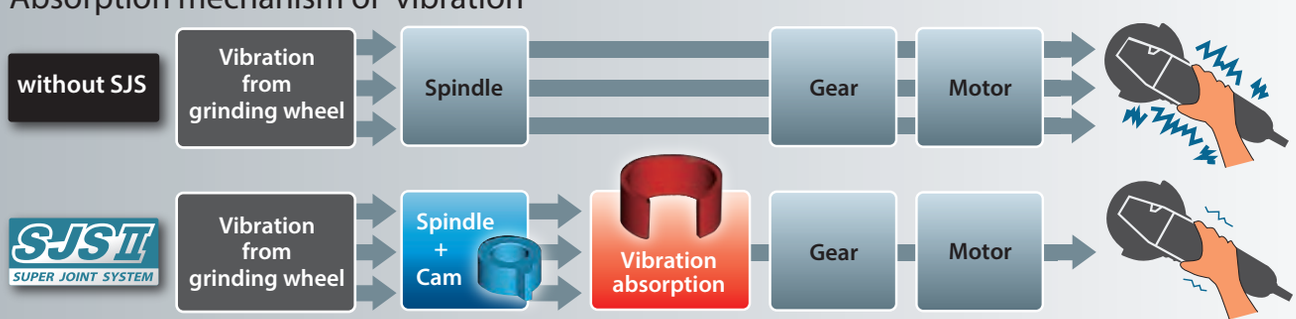


Structure of Super Joint System II

Leaf spring absorbs vibration and relieves shock during operation.



Absorption mechanism of vibration





100mm
Angle Grinder

GA4041C, GA4043C, GA4040C, GA4042C, GA4041, GA4040

115mm
Angle Grinder

GA4541C, GA4543C, GA4540C, GA4542C, GA4541R, GA4541, GA4540R, GA4540

125mm
Angle Grinder

GA5041C, GA5043C, GA5040C, GA5042C, GA5041R, GA5041, GA5040R, GA5040

150mm
Angle Grinder

GA6040C, GA6042C, GA6041R, GA6041, GA6040R, GA6040

115mm, 125mm
Angle Sander

SA4540C, SA4542C, SA5040C

Product Comparison List

Model	Continuous rating Input	Anti-restart function	Electronic control	Double Insulation	Variable Speed	Brake	Constant Speed	Soft Start
Angle Grinder								
100mm 								
GA4040	1,100W	—	—	✓	—	—	—	—
GA4040C	1,400W	✓	✓	✓	✓	—	✓	✓
GA4041C	1,400W	✓	✓	✓	✓	✓	✓	✓
GA4042C	1,400W	—	✓	✓	✓	—	✓	✓
GA4043C	1,400W	—	✓	✓	✓	✓	✓	✓
115mm 								
GA4540R	1,100W	✓	—	✓	—	—	—	—
GA4541R	1,100W	✓	—	✓	—	✓	—	—
GA4540	1,100W	—	—	✓	—	—	—	—
GA4541	1,100W	—	—	✓	—	✓	—	—
GA4540C	1,400W	✓	✓	✓	✓	—	✓	✓
GA4541C	1,400W	✓	✓	✓	✓	✓	✓	✓
GA4542C	1,400W	—	✓	✓	✓	—	✓	✓
GA4543C	1,400W	—	✓	✓	✓	✓	✓	✓
125mm 								
GA5040R	1,100W	✓	—	✓	—	—	—	—
GA5041R	1,100W	✓	—	✓	—	✓	—	—
GA5040	1,100W	—	—	✓	—	—	—	—
GA5041	1,100W	—	—	✓	—	✓	—	—
GA5040C	1,400W	✓	✓	✓	✓	—	✓	✓
GA5041C	1,400W	✓	✓	✓	✓	✓	✓	✓
GA5042C	1,400W	—	✓	✓	✓	—	✓	✓
GA5043C	1,400W	—	✓	✓	✓	✓	✓	✓
150mm 								
GA6040R	1,100W	✓	—	✓	—	—	—	—
GA6041R	1,100W	✓	—	✓	—	✓	—	—
GA6040	1,100W	—	—	✓	—	—	—	—
GA6040C	1,400W	✓	✓	✓	✓	—	✓	✓
GA6042C	1,400W	—	✓	✓	✓	✓	✓	✓
Angle Sander								
115mm 								
SA4540C	1,400W	✓	✓	✓	✓	—	✓	✓
SA4542C	1,400W	—	✓	✓	✓	✓	✓	✓
125mm 								
SA5040C	1,400W	✓	✓	✓	✓	—	✓	✓

Grinding / Sanding

Angle Grinder — GA4041C / GA4043C 100mm (4")

318



SJSII SUPER JOINT SYSTEM

P191 A

"Super Joint System II" developed for effective vibration absorption.

- Electronic current limiter, speed control and soft start.
- Mechanical brake for powerful braking.
- GA4041C : Anti-restart function.
- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.



Continuous rating Input	*1,400W*
Wheel diameter	*100mm (4")*
No load speed (rpm)	*2,800-11,000*
Dimensions (L x W x H)	*325x117x117mm (12-3/4"x4-5/8"x4-5/8")*
Net weight	*2.6kg (5.6lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder — GA4040C / GA4042C 100mm (4")

318



SJSII SUPER JOINT SYSTEM

P191 A

"Super Joint System II" developed for effective vibration absorption.

- Electronic current limiter, speed control and soft start.
- GA4040C : Anti-restart function.
- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.



Continuous rating Input	*1,400W*
Wheel diameter	*100mm (4")*
No load speed (rpm)	*2,800-11,000*
Dimensions (L x W x H)	*303x117x111mm (11-7/8"x4-5/8"x4-3/8")*
Net weight	*2.3kg (5.2lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder — 9563C 100mm (4")

318



SUPER JOINT SYSTEM SJS

P191 A

High power anti-dust motor in small circumference barrel grip body.

- Tool-less quick guard adjustment.
- Automatic brush cut-off.
- Labyrinth construction, seals motor and bearings from contamination.
- Electronic speed control with soft-start allows smooth and consistent performance.



Continuous rating Input	*1,400W*
Wheel diameter	*100mm (4")*
No load speed (rpm)	*12,000*
Overall length	*299mm (11-3/4")*
Net weight	*2.1kg (4.6lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder — GA4040 100mm (4")

325

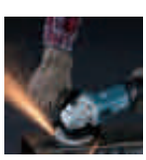


SJSII SUPER JOINT SYSTEM

P191 A

"Super Joint System II" developed for effective vibration absorption.

- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.



Continuous rating Input	*1,100W*
Wheel diameter	*100mm (4")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*303x117x111mm (11-7/8"x4-5/8"x4-3/8")*
Net weight	*2.3kg (5.1lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder — 9563H 100mm (4")

325



SUPER JOINT SYSTEM SJS

P191 A

High power anti-dust motor.

- Tool-less quick guard adjustment.
- Housing shape is easy to grip because of internal Brush Holders.
- Labyrinth construction, seals motor and bearings from contamination.



Continuous rating Input	*1,100W*
Wheel diameter	*100mm (4")*
No load speed (rpm)	*12,000*
Dimensions (L x W x H)	*299x120x103mm (11-3/4"x4-3/4"x4 ")*
Net weight	*2.1kg (4.6lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9556NB / 9556HN 100mm (4") 325



P191 A

High performance motor with enough power for masonry cutting and high heat resistance.

· Labyrinth construction protects all ball bearings from dust and debris.
· Small circumference barrel grip for easy handling.
· Shaft lock for easy wheel changes.
· Easier repairing of gear section assembled with key.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	840W
Wheel diameter	100mm (4")
No load speed (rpm)	11,000
Dimensions (L x W x H)	271x118x97mm (10-5/8"x4-5/8"x3-13/16")
Net weight	1.9kg (4.2lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

9556PB / 9556HP 100mm (4") 325



P191 A

Ergonomic paddle switch featured.

· Natural fit slim body to left and right hand for easy handling.
· Ergonomically designed paddle lever gives comfort to the fingers.
· Lock-off button built in the center of paddle lever.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	840W
Wheel diameter	100mm (4")
No load speed (rpm)	11,000
Dimensions (L x W x H)	273x118x97mm (10-3/4"x4-5/8"x3-13/16")
Net weight	2.0kg (4.3lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

GA4031 / GA4032 100mm (4") 459



P191 A

Small circumference barrel grip and ergonomically designed side grip angle for easy handling.

· Small gear housing provides easy handling and high maneuverability.
· Easy-to-operate toggle switch.
· Powerful motor with excellent heat-resistance.
· Labyrinth construction protects all ball bearings from dust and debris.
· Field coated with powder varnish to protect from dust.



Depressed center wheel, Lock nut wrench

Continuous rating Input	720W
Wheel diameter	100mm (4")
No load speed (rpm)	GA4031 : 11,000 GA4032 : 9,000
Dimensions (L x W x H)	259x118x104mm (10-1/4"x4-5/8"x4-1/8")
Net weight	1.6kg (3.5lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

GA4030 100mm (4") 459



P191 A

Small circumference barrel grip and ergonomically designed side grip angle for easy handling.

· Labyrinth construction protects all ball bearings from dust and debris.
· High quality motor with excellent heat-resistance.
· Small gear housing provides easy handling and high maneuverability.
· Field coated with powder varnish to protect from dust.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	720W
Wheel diameter	100mm (4")
No load speed (rpm)	11,000
Dimensions (L x W x H)	266x117x95mm (10-1/2"x4-5/8"x3-3/4")
Net weight	1.7kg (3.7lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

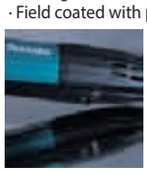
GA4034 100mm (4") 459



P191 A

Easy to operate paddle switch by the hand gripping motor housing.

· Small circumference barrel grip and ergonomically designed side grip angle for easy handling.
· Labyrinth construction protects all ball bearings from dust and debris.
· High quality motor with excellent heat-resistance.
· Small gear housing provides easy handling and high maneuverability.
· Field coated with powder varnish to protect from dust.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	720W
Wheel diameter	100mm (4")
No load speed (rpm)	11,000
Dimensions (L x W x H)	265x117x95mm (10-3/8"x4-5/8"x3-3/4")
Net weight	1.8kg (4.0lbs)
Power supply cord	2.5m (8.2ft)

Grinding / Sanding

Angle Grinder — 9553HN 100mm (4")

325



➔P191 A

Compact yet powerful grinder.

- Small circumference barrel grip for easy handling.
- Labyrinth construction protects all ball bearings from dust and debris.
- Armature coated with protective zigzag varnish and Field coated with powder varnish protect motor from dust and wire breakage, ensuring durability enough for masonry cutting.



Continuous rating Input	710W
Wheel diameter	100mm (4")
No load speed (rpm)	11,000
Dimensions (L x W x H)	258x118x97mm (10-1/8"x4-5/8"x3-13/16")
Net weight	1.8kg (3.9lbs)
Power supply cord	2.5m (8.2ft)

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder — 9553B / 9553HB 100mm (4")

325



➔P191 A

Compact yet powerful grinder with toggle switch.

- Motor with high heat-resistance performance.
- Dust proof construction.
- Rotatable gear housing can be positioned at every 90 degrees to suit most cutting and grinding operations.
- Small body grip for easy handling.



Continuous rating Input	710W
Wheel diameter	100mm (4")
No load speed (rpm)	11,000
Dimensions (L x W x H)	258x118x97mm (10-1/8"x4-5/8"x3-13/16")
Net weight	9553B : 1.7kg (3.7lbs) 9553HB : 1.8kg (4.0lbs)
Power supply cord	2.5m (8.2ft)

● Depressed center wheel, Lock nut wrench

Angle Grinder — 9500NB / N9500N 100mm (4")

411



➔P191 A

Compact and lightweight body works well in close quarters.

- 12,000rpm for fast and efficient work.
- Switch is located on tail.
- Can be used with grinding wheel or optional diamond wheel.



▼9500NB

Continuous rating Input	570W
Wheel diameter	100mm (4")
No load speed (rpm)	12,000
Overall length	9500NB : 253mm (10") N9500N : 245mm (9-5/8")
Net weight	1.8kg (3.9lbs)
Power supply cord	2.5m (8.2ft)

● Depressed center wheel, Lock nut wrench

Angle Grinder — GA4541C / GA4543C 115mm (4-1/2")

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SJS II SUPER JOINT SYSTEM

➔P191 A

"Super Joint System II" developed for effective vibration absorption.

- Electronic current limiter, speed control and soft start.
- Mechanical brake for powerful braking.
- GA4541C : Anti-restart function.
- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.



Continuous rating Input	1,400W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	2,800-11,000
Dimensions (L x W x H)	325x130x121mm (12-3/4"x5-1/8"x4-3/4")
Net weight	2.7kg (6.0lbs)
Power supply cord	2.5m (8.2ft)

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder — GA4540C / GA4542C 115mm (4-1/2")

318

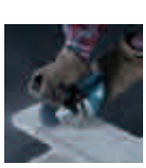


SJS II SUPER JOINT SYSTEM

➔P191 A

"Super Joint System II" developed for effective vibration absorption.

- Electronic current limiter, speed control and soft start.
- GA4540C : Anti-restart function.
- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.



Continuous rating Input	1,400W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	2,800-11,000
Dimensions (L x W x H)	303x130x116mm (11-7/8"x5-1/8"x4-9/16")
Net weight	GA4540C : 2.5kg (5.4lbs) GA4542C : 2.5kg (5.5lbs)
Power supply cord	2.5m (8.2ft)

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9564CVR / 9564CV 115mm (4-1/2")

318



SUPER JOINT SYSTEM SJS

➔P191 A

High power anti-dust motor in small circumference barrel grip body.

· Tool-less quick guard adjustment.
· Labyrinth construction seals motor and bearings from contamination.
· Electronic speed control with soft-start allows smooth and consistent performance.
· 9564CVR : Anti-restart function.



Continuous rating Input	1,400W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	2,800 - 12,000
Dimensions (L x W x H)	299x129x103mm (11-3/4"x5-1/8"x4-1/16")
Net weight	9564CVR : 2.2kg (4.9lbs)
	9564CV : 2.4kg (5.3lbs)
Power supply cord	2.5m (8.2ft)

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9564CR / 9564C 115mm (4-1/2")

318



SUPER JOINT SYSTEM SJS

➔P191 A

High power anti-dust motor in small circumference barrel grip body.

· Tool-less quick guard adjustment.
· Labyrinth construction seals motor and bearings from contamination.
·9564CR : Anti-restart function.



Continuous rating Input	1,400W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	12,000
Dimensions (L x W x H)	299x129x103mm (11-3/4"x5-1/8"x4-1/16")
Net weight	9564CR : 2.2kg (4.9lbs)
	9564C : 2.4kg (5.2lbs)
Power supply cord	2.5m (8.2ft)

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9564PCV / 9564PC 115mm (4-1/2")

318



SUPER JOINT SYSTEM SJS

➔P191 A

Easy to operate paddle type on/off switch.

· New field with superior wiring technology leads to higher wattage without motor-size expansion.
· More durable gears and bearings.
· 9564PCV : Rotation speed is selectable to work piece.



▼9564PCV

Continuous rating Input	1,400W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	9564PCV : 2,800-12,000
	9564PC : 12,000
Dimensions (L x W x H)	307x129x103mm (12-1/8"x5-1/8"x4")
Net weight	2.4kg (5.2lbs)
Power supply cord	2.5m (8.2ft)

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9561CVR / 9561CR 115mm (4-1/2")

318

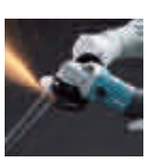


SUPER JOINT SYSTEM SJS

➔P191 A

High power anti-dust motor.

· Labyrinth construction protects motor and bearings from dirt/dust.
· Motor Protection from overload by Electronic Limiter.
· 9561CVR: Selectable the rotation speed by speed control dial.
· Anti-restart function.



▼9561CVR

Continuous rating Input	1,200W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	9561CVR : 2,800 - 12,000
	9561CR : 12,000
Dimensions (L x W x H)	289x129x103mm (11-3/8"x5-1/8"x4-1/16")
Net weight	2.2kg (4.9lbs)
Power supply cord	2.5m (8.2ft)

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

GA4541R / GA4541 115mm (4-1/2")

325

new ◀GA4541R



SJSII SUPER JOINT SYSTEM

➔P191 A

"Super Joint System II" developed for effective vibration absorption.

· Mechanical brake for powerful braking.
· Re-designed durable gear housing.
· Ergonomically best possible barrel grip.
· GA4541R : Anti-restart function.



Continuous rating Input	1,100W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	11,000
Dimensions (L x W x H)	GA4541R :
	303x130x116mm (11-7/8"x5-1/8"x4-9/16")
	GA4541 :
	325x130x121mm (12-3/4"x5-1/8"x4-3/4")
Net weight	GA4541R : 2.6kg (5.8lbs)
	GA4541 : 2.7kg (6.0lbs)
Power supply cord	2.5m(8.2ft)

● Depressed center wheel, Lock nut wrench, Side grip

Grinding / Sanding

Angle Grinder

GA4540R / GA4540 115mm (4-1/2")

325

new ◀ GA4540R



SJSII SUPER JOINT SYSTEM

➔P191 A

"Super Joint System II" developed for effective vibration absorption.

- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.
- GA4540R : Anti-restart function.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,100W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	11,000
Dimensions (L x W x H)	303x130x116mm (11-7/8"x5-1/8"x4-9/16")
Net weight	GA4540R : 2.5kg (5.5lbs) GA4540 : 2.4kg (5.3lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

9564HR / 9564H 115mm (4-1/2")

325

new ◀ 9564HR



SUPER JOINT SYSTEM SJS

➔P191 A

High power anti-dust motor with anti-restart function. (9564HR)

- Toolless Wheel Cover.
- Housing shape is easy to grip because of internal Brush Holders.
- Labyrinth construction seals motor and bearings from contamination.



▼ 9564HR

Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,100W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	12,000
Dimensions (L x W x H)	299x129x103mm (11-3/4"x5-1/16"x4")
Net weight	2.3kg (5.1lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

9564P 115mm (4-1/2")

325



SUPER JOINT SYSTEM SJS

➔P191 A

Easy to operate paddle type on/off switch.

- New field with superior wiring technology leads to higher wattage without motor-size expansion.
- More durable gears and bearings.
- Designed especially for all day long grinding work situation.



Lock nut wrench, Side grip

Continuous rating Input	1,100W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	12,000
Dimensions (L x W x H)	307x129x103mm (12-1/8"x5-1/8"x4")
Net weight	2.4kg (5.2lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder

9557NB / 9557HN 115mm (4-1/2")

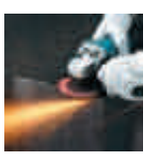
325



➔P191 A

High performance motor with enough power for masonry cutting and high heat resistance.

- Labyrinth construction protects all ball bearings from dust and debris.
- Small circumference barrel grip for easy handling.
- Shaft lock for easy wheel changes.
- Easier repairing of gear section assembled with key.



Depressed center wheel lock nut wrench, Side grip

Continuous rating Input	840W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	11,000
Dimensions (L x W x H)	271x129x106mm (10-5/8"x5-1/8"x4-3/16")
Net weight	2.0kg (4.5lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

9557PB / 9557HP 115mm (4-1/2")

325



➔P191 A

Ergonomic paddle switch featured.

- Natural fit slim body to left and right hand for easy handling.
- Ergonomically designed paddle lever gives comfort to the fingers.
- Lock-off button built in the center of paddle lever.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	840W
Wheel diameter	115mm (4-1/2")
No load speed (rpm)	11,000
Dimensions (L x W x H)	273x129x106mm (10-3/4"x5-1/8"x4-3/16")
Net weight	2.1kg (4.5lbs)
Power supply cord	2.5m (8.2ft)

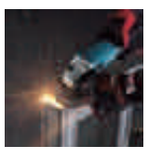
Angle Grinder

GA4530 115mm (4-1/2") 459



Small circumference barrel grip and ergonomically designed side grip angle for easy handling.

· Labyrinth construction protects all ball bearings from dust and debris.
· High quality motor with excellent heat-resistance.
· Small gear housing provides easy handling and high maneuverability.
· Field coated with powder varnish to protect from dust.



Continuous rating Input	*720W*
Wheel diameter	*115mm (4-1/2")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*266x128x103mm (10-1/2"x5"x4-1/16")*
Net weight	*1.8kg (4.0lbs)*
Power supply cord	*2.5m (8.2ft)*

➔P191 A

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

GA4534 115mm (4-1/2") 459



Easy to operate paddle switch by the hand gripping motor housing.

· Small circumference barrel grip and ergonomically designed side grip angle for easy handling.
· Labyrinth construction protects all ball bearings from dust and debris.
· High quality motor with excellent heat-resistance.
· Small gear housing provides easy handling and high maneuverability.
· Field coated with powder varnish to protect from dust.



Continuous rating Input	*720W*
Wheel diameter	*115mm (4-1/2")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*265x128x103mm (10-3/8"x5"x4-1/16")*
Net weight	*1.9kg (4.2lbs)*
Power supply cord	*2.5m (8.2ft)*

➔P191 A

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9554HN 115mm (4-1/2") 325



Compact yet powerful grinder.

· Small circumference barrel grip for easy handling.
· Labyrinth construction protects all ball bearings from dust and debris.
· Armature coated with protective zigzag varnish and Field coated with powder varnish protect motor from dust and wire breakage, ensuring durability enough for masonry cutting.



Continuous rating Input	*710W*
Wheel diameter	*115mm (4-1/2")*
No load speed (rpm)	*10,000*
Dimensions (L x W x H)	*258x129x106mm (10-1/8"x5-1/8"x4-3/16")*
Net weight	*1.8kg (4.1lbs)*
Power supply cord	*2.5m (8.2ft)*

➔P191 A

● Depressed center wheel, Lock nut wrench, Side grip

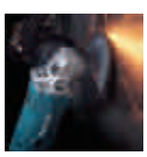
Angle Grinder

GA5021C 125mm (5") 253



High power and devised switch action with electric control.

· Large trigger switch is easy to operate with gloved hand.
· Anti-restart function prevents accidental startup for safety even if the machine is plugged to power source with the lock-on switch on.
· High dust-proof construction.
· Rubberized soft grip for more comfort and control.



Continuous rating Input	*1,450W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*10,000*
Dimensions (L x W x H)	*390x139x120mm (15-3/8"x5-1/2"x4-3/4")*
Net weight	*2.9kg (6.4lbs)*
Power supply cord	*2.5m (8.2ft)*

➔P191 A

● Depressed center wheel, Lock nut wrench, Side grip

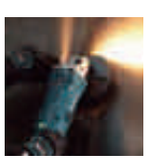
Angle Grinder

GA5020C 125mm (5") 253



High power and devised switch action with electric control.

· Anti-restart function prevents accidental startup for safety even if the machine is plugged to power source with the lock-on switch on.
· High dust-proof construction.
· Rubberized soft grip for more comfort and control.



Continuous rating Input	*1,450W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*10,000*
Dimensions (L x W x H)	*390x139x120mm (15-3/8"x5-1/2"x4-3/4")*
Net weight	*2.9kg (6.4lbs)*
Power supply cord	*2.5m (8.2ft)*

➔P191 A

● Depressed center wheel, Lock nut wrench, Side grip

Grinding / Sanding

Angle Grinder — GA5041C / GA5043C 125mm (5")

318



SJSII SUPER JOINT SYSTEM

P191 A

"Super Joint System II" developed for effective vibration absorption.

- Electronic current limiter, speed control and soft start.
- Mechanical brake for powerful braking.
- GA5041C : Anti-restart function.
- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.



Depressed center wheel, Lock nut wrench

Continuous rating Input	1,400W
Wheel diameter	125mm (5")
No load speed (rpm)	2,800-11,000
Dimensions (L x W x H)	325x140x121mm (12-3/4"x5-1/2"x4-3/4")
Net weight	2.7kg (6.0lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder — GA5040C / GA5042C 125mm (5")

318



SJSII SUPER JOINT SYSTEM

P191 A

"Super Joint System II" developed for effective vibration absorption.

- Electronic current limiter, speed control and soft start.
- GA5040C : Anti-restart function.
- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,400W
Wheel diameter	125mm (5")
No load speed (rpm)	2,800-11,000
Dimensions (L x W x H)	303x140x116mm (11-7/8"x5-1/2"x4-9/16")
Net weight	2.5kg (5.4lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder — 9565CV / 9565CVR 125mm (5")

318



SUPER JOINT SYSTEM SJS

P191 A

High power anti-dust motor in small circumference barrel grip body. (9565CVR : with anti-restart function.)

- Tool-less quick guard adjustment.
- Labyrinth construction seals motor and bearings from contamination.
- Electronic speed control with soft-start allows smooth and consistent performance.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,400W
Wheel diameter	125mm (5")
No load speed (rpm)	2,800-12,000
Dimensions (L x W x H)	299x139x103mm (11-3/4"x5-1/2"x4-1/16")
Net weight	9565CV : 2.4kg (5.2lbs) 9565CVR : 2.2kg (4.9lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder — 9565C / 9565CR 125mm (5")

318



SUPER JOINT SYSTEM SJS

P191 A

High power anti-dust motor in small circumference barrel grip body. (9565CR : with anti-restart function.)

- Tool-less quick guard adjustment.
- Labyrinth construction seals motor and bearings from contamination.
- Electronic speed control with soft-start allows smooth and consistent performance.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,400W
Wheel diameter	125mm (5")
No load speed (rpm)	12,000
Dimensions (L x W x H)	299x139x103mm (11-3/4"x5-1/2"x4-1/16")
Net weight	9565C : 2.3kg (5.1lbs) 9565CR : 2.2kg (4.9lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder — 9565PCV / 9565PC 125mm (5")

318



SUPER JOINT SYSTEM SJS

P191 A

Easy to operate paddle type on/off switch.

- New field with superior wiring technology leads to higher wattage without motor-size expansion.
- More durable gears and bearings.
- 9565PCV : Rotation speed is selectable to work piece.



▼9565PCV

Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,400W
Wheel diameter	125mm (5")
No load speed (rpm)	9565PCV : 2,800-12,000
Dimensions (L x W x H)	9565PC : 12,000
Net weight	307x139x103mm (12-1/8"x5-1/2"x4") 2.4kg (5.2lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

9565CVL / 9565CLR 125mm (5")

318



High power anti-dust motor in small circumference barrel grip body. (9565CLR : with anti-restart function.)

- Ideal for sanding applications at low speeds.
- Tool-less quick guard adjustment.
- Labyrinth construction seals motor and bearings from contamination.



Continuous rating Input	1,400W
Wheel diameter	125mm (5")
No load speed (rpm)	2,000-7,800
Dimensions (L x W x H)	9565CVL : 311x80x114mm (12-1/4"x3-5/32"x4-1/12") 9565CLR : 311x125x114mm (11-3/8"x5"x4-1/2")
Net weight	9565CVL : 2.1kg (4.6lbs) 9565CLR : 1.9kg (4.2lbs)
Power supply cord	2.5m (8.2ft)

Abrasive disc, Pad, Head cover, Lock nut wrench, Side grip

P191 A

Angle Grinder

GA5041R / GA5041 125mm (5")

325

new ◀ GA5041R



"Super Joint System II" developed for effective vibration absorption.

- Mechanical brake for powerful braking.
- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.
- GA5041R : Anti-restart function.



Continuous rating Input	1,100W
Wheel diameter	125mm (5")
No load speed (rpm)	11,000
Dimensions (L x W x H)	GA5041R : 303x140x116mm (11-7/8"x5-1/2"x4-9/16") GA5041 : 325x140x121mm (12-3/4"x5-1/2"x4-3/4")
Net weight	GA5041R : 2.7kg (5.9lbs) GA5041 : 2.7kg (6.0lbs)
Power supply cord	2.5m(8.2ft)

Depressed center wheel, Lock nut wrench, Side grip

P191 A

Angle Grinder

GA5040R / GA5040 125mm (5")

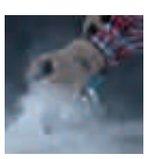
325

new ◀ GA5040R



"Super Joint System II" developed for effective vibration absorption.

- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.
- GA5040R : Anti-restart function.



Continuous rating Input	1,100W
Wheel diameter	125mm (5")
No load speed (rpm)	11,000
Dimensions (L x W x H)	303x140x116mm (11-7/8"x5-1/2"x4-9/16")
Net weight	GA5040R : 2.4kg (5.4lbs) GA5040 : 2.4kg (5.3lbs)
Power supply cord	2.5m (8.2ft)

Depressed center wheel, Lock nut wrench, Side grip

P191 A

Angle Grinder

9565HR / 9565H 125mm (5")

325

new ◀ 9565HR



High power anti-dust motor with anti-restart function.

- Toolless Wheel Cover.
- Housing shape is east to grip because of internal Brush Holders
- Labyrinth construction seals motor and bearings from contamination.
- 9565HR : Anti-restart function.



Continuous rating Input	1,100W
Wheel diameter	125mm (5")
No load speed (rpm)	12,000
Dimensions (L x W x H)	299x139x103mm (11-3/4"x5-1/2"x4")
Net weight	2.3kg (5.1lbs)
Power supply cord	2.5m (8.2ft)

▼9565HR

Depressed center wheel, Lock nut wrench, Side grip

P191 A

Angle Grinder

9565P 125mm (5")

325



Easy to operate paddle type on/off switch.

- New field with superior wiring technology leads to higher wattage without motor-size expansion.
- More durable gears and bearings.
- Designed especially for all day long grinding work situation.



Continuous rating Input	1,100W
Wheel diameter	125mm (5")
No load speed (rpm)	12,000
Dimensions (L x W x H)	307x139x103mm (12-1/8"x5-1/2"x4")
Net weight	2.4kg (5.2lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Lock nut wrench, Side grip

P191 A

Grinding / Sanding

Angle Grinder — GA5021 125mm (5")

303



SUPER JOINT SYSTEM SJS

P191 A

Large trigger switch is easy to operate with gloved hand.

- High dust-proof construction.
- Rubberized soft grip for more comfort and control.
- Slim body and high durability.



Continuous rating Input	*1,050W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*384x139x120mm (15-1/8"x5-1/2"x4-3/4")*
Net weight	*2.7kg (6.0lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder — GA5011 125mm (5")

303



P191 A

Large trigger switch is easy to operate with gloved hand.

- High dust-proof construction.
- Rubberized soft grip provides more control and comfort.
- Slim body and high durability.



Continuous rating Input	*1,050W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*384x139x113mm (15-1/8"x5-1/2"x4-7/16")*
Net weight	*2.6kg (5.8lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder — GA5020 125mm (5")

303



SUPER JOINT SYSTEM SJS

P191 A

Easy to grip motor housing.

- High dust-proof construction.
- Rubberized soft grip for more comfort and control.
- Slim body and high durability.
- Switch with easy-to-operate single-finger trigger.



Continuous rating Input	*1,050W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*356x139x120mm (14"x5-1/2"x4-3/4")*
Net weight	*2.7kg (5.9lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder — GA5010 125mm (5")

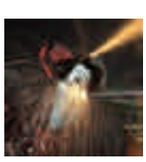
303



P191 A

Easy -to grip motor housing.

- Slim body and high durability.
- Switch with easy-to-operate single-finger trigger.
- High dust-proof construction.
- Rubberized soft grip for more comfort and control.



Continuous rating Input	*1,050W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*356x139x112mm (14"x5-1/2"x4-3/8")*
Net weight	*2.6kg (5.8lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder — 9558NB / 9558HN 125mm (5")

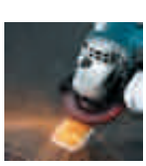
325



P191 A

High performance motor with enough power for masonry cutting and high heat resistance.

- Labyrinth construction protects all ball bearings from dust and debris.
- Small circumference barrel grip for easy handling.
- Shaft lock for easy wheel changes.
- Easier repairing of gear section assembled with key.



Continuous rating Input	*840W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*271x139x106mm (10-5/8"x5-1/2"x4-3/16")*
Net weight	*2.1kg (4.5lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9558PB / 9558HP 125mm (5") 325



P191 A

Ergonomic paddle switch featured.

· Natural fit slim body to left and right hand for easy handling.
· Ergonomically designed paddle lever gives comfort to the fingers.
· Lock-off button built in the center of paddle lever.



Continuous rating Input	*840W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*273x139x106mm (10-3/4"x5-1/2"x4-3/16")*
Net weight	*2.1kg (4.6lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

GA5030 125mm (5") 459



P191 A

Small circumference barrel grip and ergonomically designed side grip angle for easy handling.

· Labyrinth construction protects all ball bearings from dust and debris.
· High quality motor with excellent heat-resistance.
· Small gear housing provides easy handling and high maneuverability.
· Field coated with powder varnish to protect from dust.



Continuous rating Input	*720W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*266x138x103mm (10-1/2"x5-7/16"x4-1/16")*
Net weight	*1.8kg (4.0lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

GA5034 125mm (5") 459



P191 A

Easy to operate paddle switch by the hand gripping motor housing.

· Small circumference barrel grip and ergonomically designed side grip angle for easy handling.
· Labyrinth construction protects all ball bearings from dust and debris.
· High quality motor with excellent heat-resistance.
· Small gear housing provides easy handling and high maneuverability.
· Field coated with powder varnish to protect from dust.



Continuous rating Input	*720W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*265x139x103mm (10-3/8"x5-1/2"x4-1/16")*
Net weight	*1.9kg (4.2lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

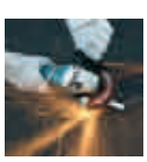
9555HN 125mm (5") 325



P191 A

Compact yet powerful grinder.

· Small circumference barrel grip for easy handling.
· Labyrinth construction protects all ball bearings from dust and debris.
· Armature coated with protective zigzag varnish and Field coated with powder varnish protect motor from dust and wire breakage, ensuring durability enough for masonry cutting.



Continuous rating Input	*710W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*10,000*
Dimensions (L x W x H)	*258x139x106mm (10-1/8"x5-1/2"x4-3/16")*
Net weight	*1.9kg (4.2lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9555B 125mm (5") 325



P191 A

Compact yet powerful grinder.

· Motor with high heat-resistance performance.
· Dust proof construction.
· Rotatable gear housing can be positioned at every 90 degrees to suit most cutting and grinding operations.
· Small body grip for easy handling.



Continuous rating Input	*710W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*10,000*
Dimensions (L x W x H)	*258x139x106mm (10-1/8"x5-1/2"x4-3/16")*
Net weight	*2.0kg (4.4lbs)*
Power supply cord	*2.5m (8.2ft)*

Depressed center wheel, Lock nut wrench, Side grip

Grinding / Sanding

Angle Grinder

GA6021C 150mm (6") 253

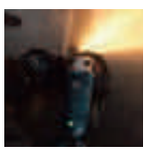


SUPER JOINT SYSTEM SJS

➔P191 A

High power and devised switch with electric control.

- Anti-restart function prevents accidental startup for safety even if the machine is plugged to power source with the lock-on switch on.
- GA6021C : Large trigger switch is easy to operate with gloved hand.
- High dust-proof construction.
- Rubberized soft grip for more comfort and control.



Continuous rating Input	*1,450W*
Wheel diameter	*150mm (6")*
No load speed (rpm)	*9,000*
Dimensions (L x W x H)	*390x169x120mm (15-3/8"x6-5/8"x4-3/4")*
Net weight	*3.0kg (6.7lbs)*
Power supply cord	*2.5m (8.2ft)*

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

GA6020C 150mm (6") 253



SUPER JOINT SYSTEM SJS

➔P191 A

High power and devised switch with electric control.

- Anti-restart function prevents accidental startup for safety even if the machine is plugged to power source with the lock-on switch on.
- Electric current limiter protects motor from overload.
- High dust-proof construction.
- Rubberized soft grip for more comfort and control.



Continuous rating Input	*1,450W*
Wheel diameter	*150mm (6")*
No load speed (rpm)	*9,000*
Dimensions (L x W x H)	*390x169x120mm (15-3/8"x6-5/8"x4-3/4")*
Net weight	*3.0kg (6.6lbs)*
Power supply cord	*2.5m (8.2ft)*

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

GA6040C / GA6042C 150mm (6") 318



SJS II SUPER JOINT SYSTEM

➔P191 A

"Super Joint System II" developed for effective vibration absorption.

- Electronic current limiter, speed control and soft start.
- GA6040C : Anti-restart function.
- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.



Continuous rating Input	*1,400W*
Wheel diameter	*150mm (6")*
No load speed (rpm)	*4,000-9,000*
Dimensions (L x W x H)	*303x171x116mm (11-7/8"x6-3/4"x4-9/16")*
Net weight	*2.6kg (5.8lbs)*
Power supply cord	*2.5m (8.2ft)*

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9566CV / 9566CVR 150mm (6") 318



SUPER JOINT SYSTEM SJS

➔P191 A

150mm lightweight grinders for superior handling.

- Tool-less quick guard adjustment.
- Labyrinth construction seals motor and bearings from contamination.
- Variable speed control dial.
- 9566CVR : With anti-restart function.



Continuous rating Input	*1,400W*
Wheel diameter	*150mm (6")*
No load speed (rpm)	*4,000-10,000*
Dimensions (L x W x H)	*299x169x103mm (11-3/4"x6-5/8"x4-1/16")*
Net weight	*9566CV : 2.4kg (5.3lbs)*
	9566CVR : 2.3kg (5.1lbs)
Power supply cord	*2.5m (8.2ft)*

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9566C / 9566CR 150mm (6") 318



SUPER JOINT SYSTEM SJS

➔P191 A

150mm lightweight grinders for superior handling.

- Tool-less quick guard adjustment.
- Automatic brush cut-off.
- Labyrinth construction seals motor and bearings from contamination.
- 9566CR : With anti-restart function.



Continuous rating Input	*1,400W*
Wheel diameter	*150mm (6")*
No load speed (rpm)	*10,000*
Dimensions (L x W x H)	*299x169x103mm (11-3/4"x6-5/8"x4-1/16")*
Net weight	*9566C : 2.4kg (5.3lbs)*
	9566CR : 2.3kg (5.1lbs)
Power supply cord	*2.5m (8.2ft)*

● Depressed center wheel, Lock nut wrench, Side grip

Angle Grinder

9566PCV / 9566PC 150mm (6") 318



SUPER JOINT SYSTEM SJS

P191 A

Easy to operate paddle type on/off switch.

- New field with superior wiring technology leads to higher wattage without motor-size expansion.
- More durable gears and bearings.
- 9566PCV : Rotation speed is selectable to work piece.



▼9566PCV



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,400W
Wheel diameter	150mm (6")
No load speed (rpm)	9566PCV : 4,000-10,000 9566PC : 10,000
Dimensions (L x W x H)	307x169x103mm (12-1/8"x6-5/8"x4")
Net weight	2.5kg (5.5lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

GA6040R / GA6040 150mm (6") 325

new ◀ GA6040R



SJS II SUPER JOINT SYSTEM

P191 A

"Super Joint System II" developed for effective vibration absorption.

- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.
- GA6040R : Anti-restart function.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,100W
Wheel diameter	150mm (6")
No load speed (rpm)	9,000
Dimensions (L x W x H)	303x171x116mm (11-7/8"x6-3/4"x4-9/16")
Net weight	GA6040R : 2.5kg (5.6lbs) GA6040 : 2.5kg (5.5lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

GA6021 150mm (6") 303

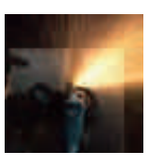


SUPER JOINT SYSTEM SJS

P191 A

Large trigger switch is easy to operate with gloved hand.

- High dust-proof construction.
- Rubberized soft grip for more comfort and control.
- Slim body and high durability.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,050W
Wheel diameter	150mm (6")
No load speed (rpm)	10,000
Dimensions (L x W x H)	384x172x120mm (15-1/8"x6-3/4"x4-3/4")
Net weight	2.8kg (6.2lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

GA6011 150mm (6") 303



P191 A

Large trigger switch is easy to operate with gloved hand.

- High dust-proof construction.
- Rubberized soft grip provides more control and comfort.
- Slim body and high durability.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,050W
Wheel diameter	150mm (6")
No load speed (rpm)	10,000
Dimensions (L x W x H)	384x172x113mm (15-1/8"x6-3/4"x4-7/16")
Net weight	2.7kg (5.9lbs)
Power supply cord	2.5m (8.2ft)

Grinding / Sanding

Angle Grinder

GA6020 150mm (6") 303



SUPER JOINT SYSTEM SJS

P191 A

Easy to grip motor housing.

- High dust-proof construction.
- Rubberized soft grip for more comfort and control.
- Slim body and high durability.
- Switch with easy-to-operate single-finger trigger.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,050W
Wheel diameter	150mm (6")
No load speed (rpm)	10,000
Dimensions (L x W x H)	356x169x120mm (14"x6-5/8"x4-3/4")
Net weight	3.0kg (6.7lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

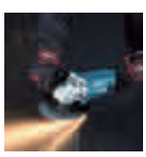
GA6010 150mm (6") 303



P191 A

Easy to grip motor housing.

- Slim body and high durability.
- Switch with easy-to-operate single-finger trigger.
- Lightweight at only 2.2kg.
- High dust-proof construction.
- Rubberized soft grip for more comfort and control.



Depressed center wheel, Lock nut wrench, Side grip

Continuous rating Input	1,050W
Wheel diameter	150mm (6")
No load speed (rpm)	10,000
Dimensions (L x W x H)	356x169x112mm (14"x6-5/8"x4-3/8")
Net weight	2.7kg (5.9lbs)
Power supply cord	2.5m (8.2ft)

Angle Grinder

GA7040R / GA7040S / GA7040 180mm (7") 204



P191 A

Superior heavy duty motor with outstanding durability. (GA7040R : with Anti-restart function.)

- Low Vibration Rear Handle with Soft Grip for More Comfort and Control.
- Rotatable Rear Handle can be positioned to suit most cutting and grinding operations.
- Protects work piece from scratches Large Rubber Tool Rest.
- Gear housing can be positioned at every 90 degrees.



▼GA7040R / GA7040S

Lock nut wrench, Side grip

Continuous rating Input	2,600W
Wheel diameter	180mm (7")
No load speed (rpm)	8,500
Dimensions (L x W x H)	GA7040R : 503x200x140mm (19-3/4"x7-7/8"x5-1/2") GA7040S / GA7040 : 511x200x140mm (20-1/8"x7-7/8"x5-1/2")
Net weight	GA7040R : 6.4kg (14.1lbs) GA7040S / GA7040 : 6.4kg (14.2lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder

GA7030R / GA7030S / GA7030 180mm (7") 204



P191 A

Heavy duty motor with outstanding durability. (GA7030R : with anti-restart function.)

- Low Vibration Rear Handle with Soft Grip for More Comfort and Control.
- Rotatable Rear Handle can be positioned to suit most cutting and grinding operations.
- Protects work piece from scratches Large Rubber Tool Rest.
- Gear housing can be positioned at every 90 degrees.



▼GA7030R / GA7030S

Lock nut wrench, Side grip

Continuous rating Input	2,400W
Wheel diameter	180mm (7")
No load speed (rpm)	8,500
Dimensions (L x W x H)	GA7030R : 503x200x140mm (19-3/4"x7-7/8"x5-1/2") GA7030S / GA7030 : 511x200x140mm (20-1/8"x7-7/8"x5-1/2")
Net weight	GA7030R : 6.3kg (13.8lbs) GA7030S / GA7030 : 6.0kg (13.3lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder

GA7031 180mm (7") 204



P191 A

AC/DC trigger switch.

- Low vibration main handle.
- Rotatable gear housing and rear handle.
- High durability with protecting from dust.
- Toolless wheel cover.



Lock nut wrench, Side grip

Continuous rating Input	2,400W
Wheel diameter	180mm (7")
No load speed (rpm)	8,500
Dimensions (L x W x H)	504x200x140mm (19-7/8"x7-7/8"x5-1/2")
Net weight	6.3kg (13.8lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder

GA7020R / GA7020S / GA7020 / GA7021 180mm (7") 204



P191 A

Outstanding durability.
(GA7020R : with Anti-restart function.)

· Increased heat resistance.
· Superior anti-dust structure.
· Machined bevel gear for strength.
· Gear housing can be positioned at every 90 degrees.
· Soft grip for more comfort and control.



▼GA7020R / GA7020S

Lock nut wrench, Side grip

Continuous rating Input	2,200W
Wheel diameter	180mm (7")
No load speed (rpm)	GA7020R / GA7020S / GA7020 : 8,500
	GA7021 : 6,600
Dimensions (L x W x H)	473x200x140mm (18-5/8"x7-7/8"x5-1/2")
Net weight	GA7020R : 5.6kg (12.4lbs)
	GA7020S : 5.7kg (12.5lbs)
	GA7020 / GA7021 : 5.5kg (12.2lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder

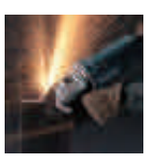
GA7050R / GA7050 180mm (7") 204



P191 A

Most compact in its class.
(GA7050R : with Anti-restart function.)

· Small and rotatable gear housing.
· Large trigger switch.
· Lightweight.



▼GA7050R

Lock nut wrench, Side grip

Continuous rating Input	2,000W
Wheel diameter	180mm (7")
No load speed (rpm)	8,500
Dimensions (L x W x H)	GA7050R :
	455x200x132mm (17-7/8"x7-7/8"x5-3/16")
	GA7050 :
	432x200x132mm (17"x7-7/8"x5-3/16")
Net weight	GA7050R : 4.6kg (10.1lbs)
	GA7050 : 4.5kg (9.9lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder

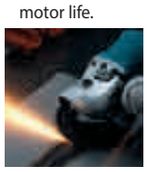
GA7012C / GA7010C 180mm (7") 204



P191 A

Compact, light-weight and high power to weight ratio for greater efficiency. (GA7012C : with anti-restart function.)

· Lightweight body, reducing operator fatigue in continuous use.
· Dustproof constructions for extended motor life.
· Electronic speed control maintains wheel rotation speed under load for improved productivity.
· Electronic current limiter and automatic cut out brush provide a longer motor life.



Lock nut wrench, Side grip

Continuous rating Input	1,800W
Wheel diameter	180mm (7")
No load speed (rpm)	8,400
Dimensions (L x W x H)	453x200x137mm (17-7/8"x7-7/8"x5-3/8")
Net weight	GA7012C : 4.3kg (9.5lbs)
	GA7010C : 3.4kg (7.5lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder

GA9040R / GA9040S / GA9040 230mm (9") 204



P191 A

Superior heavy duty motor with outstanding durability. (GA9040R : with anti-restart function.)

· Large trigger switch with a lever for lock-off and lock-on.
· Low Vibration Rear Handle with Soft Grip for More Comfort and Control.
· Rotatable Rear Handle can be positioned to suit most cutting and grinding operations.
· Protects work piece from scratches Large Rubber Tool Rest.



▼GA9040R / GA9040S

Lock nut wrench, Side grip

Continuous rating Input	2,600W
Wheel diameter	230mm (9")
No load speed (rpm)	6,600
Dimensions (L x W x H)	503x250x140mm (19-3/4"x9-7/8"x5-1/2")
Net weight	GA9040R: 6.9kg (15.2lbs)
	GA9040S: 6.7kg (14.8lbs)
	GA9040 : 6.6kg (14.6lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder

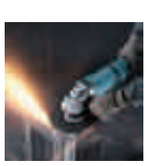
GA9030R / GA9030S / GA9030 230mm (9") 204



P191 A

Heavy duty motor with outstanding durability. (GA9030R : with anti-restart function.)

· Low Vibration Rear Handle with Soft Grip for More Comfort and Control.
· Rotatable Rear Handle can be positioned to suit most cutting and grinding operations.
· Protects work piece from scratches Large Rubber Tool Rest.
· Gear housing can be positioned at every 90 degrees.



▼GA9030R / GA9030S

Lock nut wrench, Side grip

Continuous rating Input	2,400W
Wheel diameter	230mm (9")
No load speed (rpm)	6,600
Dimensions (L x W x H)	503x250x140mm (19-3/4"x9-7/8"x5-1/2")
Net weight	GA9030R : 6.5kg (14.4lbs)
	GA9030S / GA9030 : 6.3kg (13.9lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Grinding / Sanding

Angle Grinder — GA9031 230mm (9")

204



➔P191 A

AC/DC trigger switch.

- Low vibration main handle.
- Rotatable gear housing and rear handle.
- High durability with protecting from dust.
- Toolless wheel cover.





● Lock nut wrench, Side grip

Continuous rating Input	2,400W
Wheel diameter	230mm (9")
No load speed (rpm)	6,600
Dimensions (L x W x H)	504x250x140mm (19-7/8"x9-7/8"x5-1/2")
Net weight	6.5kg (14.4lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder — GA9020R / GA9020S / GA9020 230mm (9")

204



➔P191 A

Outstanding durability. (GA9020R : with anti-restart function.)

- Increased heat resistance.
- Superior anti-dust structure.
- Machined bevel gear for strength.
- Gear housing can be positioned at every 90 degrees.
- GA9020R : with anti-restart function.



▼GA9020R / GA9020S



● Lock nut wrench, Side grip

Continuous rating Input	2,200W
Wheel diameter	230mm (9")
No load speed (rpm)	6,600
Dimensions (L x W x H)	GA9020R :
	473x250x140mm (18-5/8"x9-7/8"x5-1/2")
	GA9020S / GA9020 :
	473x249x140mm (18-5/8"x9-3/4"x5-1/2")
Net weight	GA9020R / GA9020 : 5.8kg (12.8lbs)
	GA9020S : 5.9kg (13.0lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder — GA9050R / GA9050 230mm (9")

204



➔P191 A

Most compact in its class. (GA9050R : with anti-restart function.)

- Small and rotatable gear housing.
- Large trigger switch.
- Lightweight.



▼GA9050R



● Lock nut wrench, Side grip

Continuous rating Input	2,000W
Wheel diameter	230mm (9")
No load speed (rpm)	6,600
Dimensions (L x W x H)	GA9050R :
	455x250x132mm (17-7/8"x9-7/8"x5-3/16")
	GA9050 :
	432x250x132mm (17"x9-7/8"x5-3/16")
Net weight	GA9050R : 4.8kg (10.6lbs)
	GA9050 : 4.7kg (10.4lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Grinder — GA9012C / GA9010C 230mm (9")

204



➔P191 A

Compact, light-weight and high power to weight ratio for greater efficiency. (GA9012C : with anti-restart function.)

- Lightweight body, reducing operator fatigue in continuous use.
- Dustproof constructions for extended motor life.
- Electronic speed control maintains wheel rotation speed under load for improved productivity.
- Electronic current limiter and automatic cut out brush provide a longer motor life.





● Lock nut wrench, Side grip

Continuous rating Input	1,800W
Wheel diameter	230mm (9")
No load speed (rpm)	6,000
Dimensions (L x W x H)	453x250x137mm (17-7/8"x9-7/8"x5-3/8")
Net weight	GA9012C : 4.5kg (9.9lbs)
	GA9010C : 3.4kg (7.5lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with depressed center wheel.

Angle Sander — SA4540C / SA4542C 115mm (4-1/2")

318

new



➔P191 B

"Super Joint System II" developed for effective vibration absorption.

- Electronic current limiter, speed control and soft start.
- SA4540C : Anti-restart function.
- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.

SJSII SUPER JOINT SYSTEM



● Pad, Lock nut wrench, Side grip

Continuous rating Input	1,400W
Wheel diameter	115mm (4-1/2")
Capacity	Pad : 105mm (4-1/8")
No load speed (rpm)	2,000-7,800
Dimensions (L x W x H)	SA4540C :
	315x115x121mm (12-3/8"x4-1/2"x4-3/4")
	SA4542C :
	315x105x121mm (12-3/8"x4-1/8"x4-3/4")
Net weight	2.2kg (4.8lbs)
Power supply cord	2.5m (8.2ft)

Angle Sander

SA5040C 125mm (5")

318



SJSII SUPER JOINT SYSTEM

P191 B

"Super Joint System II" developed for effective vibration absorption.

- Electronic current limiter, speed control and soft start.
- Anti-restart function.
- Re-designed durable gear housing.
- Ergonomically best possible barrel grip.



Pad, Lock nut wrench, Side grip

Continuous rating Input	1,400W
Wheel diameter	125mm (5")
Capacity	Pad : 115mm (4-1/2")
No load speed (rpm)	2,000-7,800
Dimensions (L x W x H)	315x115x121mm (12-3/8"x4-1/2"x4-3/4")
Net weight	2.2kg (4.8lbs)
Power supply cord	2.5m (8.2ft)

Angle Sander

SA7000C 180mm (7")

204



P191 B

Powerful motor delivers outstanding performance for industrial use.

- Lightweight, reducing operator fatigue in continuous use.
- Motor has outstanding heat resistance to protect from overheating.
- Speed control dial allows you to adjust maximum speed in 6 stages from 1,500 to 4,000rpm.
- Variable speed trigger switch for Controlled sanding.



Rubber pad, Sanding lock nut, Lock nut wrench, Side grip, Head cover

Continuous rating Input	1,600W
Abrasive disc diameter	180mm (7")
Capacity	Pad : 180mm (7")
No load speed (rpm)	0-4,000
Dimensions (L x W x H)	453x170x136mm (17-7/8"x6-11/16"x5-3/8")
Net weight	3.4kg (7.5lbs)
Power supply cord	2.5m (8.2ft)

Angle Sander

SA7000 180mm (7")

204



P191 B

Powerful motor delivers outstanding performance for industrial use.

- Lightweight, reducing operator fatigue in continuous use.
- Motor has outstanding heat resistance to protect from overheating.



Rubber pad, Sanding lock nut, Lock nut wrench, Side grip, Head cover

Continuous rating Input	1,400W
Abrasive disc diameter	180mm (7")
Capacity	Pad : 180mm (7")
No load speed (rpm)	5,500
Dimensions (L x W x H)	453x170x136mm (17-7/8"x6-11/16"x5-3/8")
Net weight	3.5kg (7.7lbs)
Power supply cord	2.5m (8.2ft)

Disc Sander

GV7000C 180mm (7")

303



P191 B

Compact body with low center of gravity for absolutely controlled operation and reduced fatigue.

- Lock-on button for continuous use.
- Variable speed control plus Electronic control.



Abrasive disc, Rubber pad, Lock nut wrench, Wrench, Side grip

Continuous rating Input	900W
Abrasive disc diameter	180mm (7")
Capacity	Pad : 180mm (7")
No load speed (rpm)	2,500-4,700
Overall length	210mm (8-1/4")
Net weight	2.1kg (4.6lbs)
Power supply cord	2.5m (8.2ft)

Disc Sander

GV7000 180mm (7")

303



P191 B

Compact body with low center of gravity for absolutely controlled operation and reduced fatigue.

- Lock-on button for continuous use.



Abrasive disc, Rubber pad, Lock nut wrench, Wrench, Side grip

Continuous rating Input	550W
Abrasive disc diameter	180mm (7")
Capacity	Pad : 180mm (7")
No load speed (rpm)	4,700
Overall length	210mm (8-1/4")
Net weight	2.1kg (4.7lbs)
Power supply cord	2.5m (8.2ft)

Grinding / Sanding

Disc Sander — 9218SB 180mm (7")

100



P191 B

Powerful motor in well-balanced body for fast and steady sanding.

· Lock-on button for continuous use and reduced operator fatigue.
· 4,500rpm for fast sanding.



Continuous rating Input	570W
Wire cup brush	110mm (4-3/8")
Abrasive disc diameter	180mm (7")
No load speed (rpm)	4,500
Overall length	225mm (8-7/8")
Net weight	2.9kg (6.3lbs)
Power supply cord	2.5m (8.2ft)

Abrasive disc, Rubber pad, Lock nut wrench, Wrench, Side grip

Disc Sander — GV6010 150mm (6")

64



P191 B

Powerful motor.

· Ergonomically designed handle with rubberized soft grip.



Continuous rating Input	440W
Abrasive disc diameter	150mm (6")
Capacity	Pad : 120mm (4-3/4")
No load speed (rpm)	4,500
Dimensions (L x W x H)	200x74x181mm (7-7/8"x2-15/16"x7-1/8")
Net weight	1.2kg (2.6lbs)
Power supply cord	2.5m (8.2ft)

Abrasive disc, Plastic pad, Side grip, Hex socket head bolt, Washer, Hex wrench

Disc Sander — GV5010 125mm (5")

64



P191 B

Powerful motor.

· Ergonomically designed handle with rubberized soft grip.



Continuous rating Input	440W
Abrasive disc diameter	125mm (5")
Capacity	Pad : 120mm (4-3/4")
No load speed (rpm)	4,500
Dimensions (L x W x H)	200x74x181mm (7-7/8"x2-15/16"x7-1/8")
Net weight	1.2kg (2.6lbs)
Power supply cord	2.5m (8.2ft)

Abrasive disc, Plastic pad, Side grip, Hex socket head bolt, Washer, Hex wrench

Polisher — 9237CB / 9237C 180mm(7")

new



P191 B

Loop handle with rubberized soft grip.

· Variable speed control by dial Rotation speed is adjustable to application.
· Vent dust cover of screw-down type prevents ingress of wool fibers.
· Elastomer bumper on gear housing protects a precious surface,such as that of car body, from damage and scratches.



Continuous rating Input	1,200W
Capacity	Pad : 180mm (7")
No load speed (rpm)	0-3,200
Dimensions (L x W x H)	431x198x187mm (17"x7-3/4"x7-3/8")
Net Weight	3.4kg (7.5lbs)
Net weight	3.4kg(7.5lbs)
Power supply cord	2.5m(8.2ft)

▼9237CB

Loop handle or Side grip, Hex wrench, accessory set

Sander-Polisher

9207SPB 180mm (7") 100



➔P191 B

2-speed (2,000rpm & 3,800rpm) for use as a sander or polisher.

· Packs Makita's basic concepts of sander-polisher.





● Abrasive disc, Rubber pad, Wool bonnet, Lock nut wrench, Wrench, Side grip

Continuous rating Input	700W
Abrasive disc diameter	180mm (7")
No load speed (rpm)	2,000 / 3,800
Overall length	455mm (17-7/8")
Net weight	3.4kg (7.5lbs)
Power supply cord	2.5m (8.2ft)

Polisher

PV7000C / PV7001C 180mm (7") 303



➔P191 B

Compact body with low center of gravity for absolutely controlled operation and reduced fatigue.

· Electronic control for consistent speed.
· 2 speed plus variable speed control for a wide range of polishing works.
· Pre-setting speed control dial.
· Durable cord guard.
· Quick-Flip speed change for compounding and polishing.



▼PV7000C



● Pad, Wrench, Side grip

Continuous rating Input	900W
Abrasive disc diameter	180mm (7")
Capacity	Pad : 170mm (6-11/16")
No load speed (rpm)	600-2,000
Overall length	210mm (8-1/4")
Net weight	PV7000C : 2.1kg (4.6lbs) PV7001C : 2.2kg (4.8lbs)
Power supply cord	2.5m (8.2ft)

Polisher

9218PB / 9218PBL 180mm (7") 100



➔P191 B

Better polishing action for a wide range of applications and easy handling for reduced operator fatigue.

· 9218PBL : Features low speed (1,400rpm).





● Wool bonnet, Rubber pad, Lock nut wrench, Wrench, Side grip

Continuous rating Input	9218PB : 570W,9218PBL : 860W
Wool bonnet	180mm (7")
No load speed (rpm)	9218PB : 2,000 9218PBL : 1,400
Overall length	235mm (9-1/4")
Net weight	2.7kg (5.9lbs)
Power supply cord	2.5m (8.2ft)

Die Grinder

GD0602 6mm (1/4") 325



➔P191 D

Compact body with short nose.

· Anti-slip rubber cover for easy handling.
· Round-shaped collet nut reduces the possibility of damages/ scratches to workpiece.
· Switch lever conveniently located for one hand operation.
· Vent slots designed to direct the exhaust air stream towards the opposite side of the operator.





● Wrench x2

Continuous rating Input	400W
Capacity	Collet : 3,6,8mm or 1/8",1/4"
Wheel diameter	38mm (1-1/2")
No load speed (rpm)	25,000
Dimensions (L x W x H)	264x82x82mm (10-3/8"x3-1/4"x3-1/4")
Net weight	1.4kg (3.2lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with wheel point.

Die Grinder

GD0601 6mm (1/4") 325



➔P191 D

Small-circumference housing for easy handling.

· Anti-slip rubber cover for easy handling.
· Round-shaped collet nut reduces the possibility of damages/ scratches to workpiece.
· Switch lever conveniently located for one hand operation.
· Vent slots designed to direct the exhaust air stream towards the opposite side of the operator.
· High heat resistance.





● Wrench x2

Continuous rating Input	400W
Capacity	Collet : 3,6mm or 1/8",1/4"
Wheel diameter	38mm (1-1/2")
No load speed (rpm)	25,000
Dimensions (L x W x H)	359x82x82mm (14-1/8"x3-1/4"x3-1/4")
Net weight	1.7kg (3.7lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with wheel point.

Grinding / Sanding

Die Grinder — GD0600 6mm (1/4") — 325



P191

Small-circumference housing for easy handling.

- Anti-slip rubber cover for easy handling.
- Round-shaped collet nut reduces the possibility of damages/ scratches to workpiece.
- Vent slots designed to direct the exhaust air stream towards the opposite side of the operator.
- High heat resistance.
- Lock-off button built in the center of paddle lever.



Wrench x2

Continuous rating Input	400W
Capacity	Collet : 3,6mm or 1/8",1/4"
Wheel diameter	38mm (1-1/2")
No load speed (rpm)	25,000
Dimensions (L x W x H)	358x82x82mm (14-1/8"x3-1/4"x3-1/4")
Net weight	1.7kg (3.7lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with wheel point.

Die Grinder — GD0801C 8mm (1/4") — 318

new



SUPER JOINT SYSTEM SJS

P191

Easy-to-operate paddle type on/off switch

- Ergonomically designed slim body for grinding in tight spots.
- Internal labyrinth construction seals motor and bearings from contamination.
- Side handle can be attached.



Wrench x2

Continuous rating Input	750W
Capacity	Collet : 3,6,8mm or 1/8",1/4"
No load speed (rpm)	7,000-29,000
Dimensions (L x W x H)	390x75x88mm (15-3/8"x2-15/16"x3-1/2")
Net weight	2.0kg (4.3lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with wheel point.

Die Grinder — GD0800C 8mm (1/4") — 318



SUPER JOINT SYSTEM SJS

P191

High-speed die grinder with max. 8mm collet capacity.

- Ergonomically designed slim body for grinding in tight spots.
- Internal labyrinth construction seals motor and bearings from contamination.
- Side handle (option) can be attached.



Wrench x2

Continuous rating Input	750W
Capacity	Collet : 3,6,8mm or 1/8",1/4"
No load speed (rpm)	7,000-28,000
Dimensions (L x W x H)	371x75x75mm (14-5/8"x2-15/16"x2-15/16")
Net weight	1.7kg (3.7lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with wheel point.

Die Grinder — GD0800 8mm (1/4") — 325



SUPER JOINT SYSTEM SJS

P191

New high-speed die grinder with max. 8mm collet capacity.

- Internal labyrinth construction seals motor and bearings from contamination.



Wrench x2

Continuous rating Input	500W
Capacity	Collet : 3,6,8mm or 1/8",1/4"
No load speed (rpm)	28,000
Dimensions (L x W x H)	371x75x75mm (14-5/8"x2-15/16"x2-15/16")
Net weight	1.6kg (3.6lbs)
Power supply cord	2.0m (6.6ft)

Tool does not come with wheel point.

Die Grinder — GD0811C 8mm (1/4") — 318

new

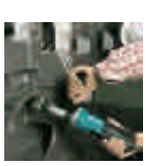


SUPER JOINT SYSTEM SJS

P191

Easy-to-operate paddle type on/off switch

- Ergonomically designed slim body for grinding in tight spots.
- Internal labyrinth construction seals motor and bearings from contamination.
- Ideal for grinding internal surfaces, removing paint etc. using with flap wheel discs.



Wrench x2

Continuous rating Input	750W
Capacity	Collet : 3,6,8mm or 1/8",1/4"
No load speed (rpm)	1,800-7,000
Overall length	390mm (15-3/8")
Net weight	2.0kg (4.4lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with wheel point.

Die Grinder

GD0810C 8mm (1/4")

318

High-speed die grinder with max. 8mm collet capacity.

· Ergonomically designed slim body for grinding in tight spots.
· Internal labyrinth construction seals motor and bearings from contamination.
· Ideal for grinding internal surfaces, removing paint etc. using with flap wheel discs.



SUPER JOINT SYSTEM SJS

P191 D



Wrench x2

Continuous rating Input	750W
Capacity	Collet : 3,6,8mm or 1/8",1/4"
No load speed (rpm)	1,800-7,000
Overall length	371mm (14-5/8")
Net weight	1.7kg (3.7lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with wheel point.

Straight Grinder

GS6000 150mm (6")

204

Double insulated 150mm straight grinder.

· Light weight with large soft grip reduce operator's fatigue.
· Suitable RPM and design for a long time heavy grinding work.
· Hanger for strap is attachable(optional).



P191 E



Grinding wheel (for some country only), Hex wrench, Wrenches (for some country only)

Continuous rating Input	750W
Wheel diameter	150mm (6")
Hole dia.	12.7mm (1/2")
No load speed (rpm)	5,600
Dimensions (L x W x H)	590x216x130mm (23-1/4"x8-1/2"x5-1/8")
Net weight	5.2kg (11.5lbs)
Power supply cord	2.5m (8.2ft)

Straight Grinder

GS5000 125mm (5")

204

Double insulated 125mm straight grinder.

· Light weight with large soft grip reduce operator's fatigue.
· Suitable RPM and design for a long time heavy grinding work.
· Hanger for strap is attachable(optional).



P191 E



Grinding wheel (for some country only), Hex wrench, Wrenches (for some country only)

Continuous rating Input	750W
Wheel diameter	125mm (5")
Hole dia.	12.7mm (1/2")
No load speed (rpm)	5,600
Dimensions (L x W x H)	590x189x116mm (23-1/4"x7-7/16"x4-9/16")
Net weight	5.0kg (11.1lbs)
Power supply cord	2.5m (8.2ft)

Straight Grinder

9105 125mm (5")

153

To pros with the field-proven, mighty performance in grinding of castings and welds.



P191 A



Grinding wheel x2, Wrench

Continuous rating Input	750W
Wheel diameter	125mm (5")
Hole dia.	12.7mm (1/2")
No load speed (rpm)	4,800
Overall length	550mm (21-5/8")
Net weight	5.1kg (11.1lbs)
Power supply cord	2.5m (8.2ft)

Multi Tool

TM3010C

459

Equipped with the tool-less accessory change system.

· Wide selection of accessories available for various applications.
· Anti-restart function prevents accidental startup.
· Fully 360°multi angle setting enables users to position accessories in 12 different angles.
· Ergonomically designed rubberized grip provides more control and comfort.
· Variable speed control dial.



P191 C



Oscillating multi tool accessories

Continuous rating Input	320W
Strokes per minute (spm)	6,000-20,000
Dimensions (L x W x H)	283x68x87mm (11-1/8"x2-11/16"x3-7/16")
Net weight	1.6kg (3.7lbs)
Power supply cord	2.5m (8.2ft)

Items of standard equipment and specifications may vary by country or area.

Grinding / Sanding

Multi Tool

TM3000C

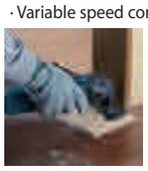
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P191 C

Wide selection of accessories available for various applications.

- Anti-restart function prevents accidental startup.
- Fully 360° multi angle setting enables users to position accessories in 12 different angles.
- Ergonomically designed rubberized grip provides more control and comfort.
- Variable speed control dial.



Oscillating multi tool accessories, Hex wrench

Continuous rating Input	320W
Strokes per minute (spm)	6,000-20,000
Dimensions (L x W x H)	275x64x92mm (10-7/8"x2-1/2"x3-5/8")
Net weight	1.4kg (3.2lbs)
Power supply cord	5.0m (16.4ft)

Bench Grinder

GB602 150mm (6")



P191 E

Steady tool maintenance from this light, yet stable performer.

- Cosmetic new design.
- 2 bulbs ease your grinding jobs.



Eye shield, Protection glasses

Continuous rating Input	250W
Wheel diameter	150mm (6")
Hole dia.	12.7mm (1/2")
H.P.	1/3
No load speed (rpm)	2,850 (50Hz) / 3,450 (60Hz)
Dimensions (L x W x H)	375x205x286mm (14-49/64"x8"x11-17/64")
Net weight	9.2kg (20.3lbs)

Bench Grinder

GB602W 150mm (6")



P191 E

Comes with special sharpening wheel & holder.

- 2 bulbs ease your grinding jobs.



Eye shield, Protection glasses

Continuous rating Input	250W
Wheel diameter	150mm (6")
Hole dia.	12.7mm (1/2")
H.P.	1/3
No load speed (rpm)	2,850 (50Hz) / 3,450 (60Hz)
Dimensions (L x W x H)	375x348x286mm (14-49/64"x13-45/64"x11-17/64")
Net weight	9.0kg (19.9lbs)

Bench Grinder

GB801 205mm (8")



P191 E

Steady tool maintenance from this light, yet stable performer.

- Cosmetic new design.
- Balance weight installed.
- 2 bulbs ease your grinding jobs.



Eye shield, Protection glasses

Continuous rating Input	550W
Wheel diameter	205mm (8")
Hole dia.	15.88mm (5/8")
H.P.	3/4
No load speed (rpm)	2,850 (50Hz) / 3,450 (60Hz)
Dimensions (L x W x H)	395x265x333mm (15-9/16"x10-7/16"x13-7/64")
Net weight	19.8kg (43.6lbs)

Concrete Planer

PC5000C 125mm (5")

253



P191 F

Most Suitable for Planing Concrete.

- Capable of planing flush to corners.
- Powerful motor provides efficient planing operation.
- Anti-restart function is provided.
- Electrical current limiter protects motor from overload.



Offset diamond wheel, Lock nut wrench, Hex wrench, Dust bag assembly, Brush set

Continuous rating Input	1,400W
Wheel diameter	125mm (5")
Hole dia.	22.23mm (7/8")
No load speed (rpm)	10,000
Dimensions (L x W x H)	437x235x195mm (17-1/8"x9-1/4"x7-5/8")
Net weight	4.0kg (8.9lbs)
Power supply cord	5.0m (16.4ft)

Concrete Planer

PC5001C 125mm (5")

253



P191 F

Most Suitable for Planing Concrete.

- Front Roller adjusts planing depth. / Auxiliary Base for smoother planing.
- Capable of planing flush to corners.
- Powerful motor provides efficient planing operation.
- Anti-restart function is provided.
- Electrical current limiter protects motor from overload.



Continuous rating Input	*1,400W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*10,000*
Dimensions (L x W x H)	*479x182x195mm (18-13/16"x7-1/8"x7-5/8")*
Net weight	*5.1kg (11.2lbs)*
Power supply cord	*5m (16.4ft)*

● Offset diamond wheel, Lock nut wrench, Hex wrench, Dust bag assembly, Brush set

Angle Sander

PK5011C 125mm (5")

204



P191 G

Ideal one for effective stone polishing.

- D-handle to operate machine with double hands for continuous operation.
- Water resistant switch trigger.
- Four water supply holes evenly wet every channel of polishing pad, protecting from overheating and getting clogged with dust.
- Original-designed wheel covers are used to protect operator from splash water.



Continuous rating Input	*1,600W*
Wheel diameter	*125mm (5")*
No load speed (rpm)	*2,000-5,500*
Dimensions (L x W x H)	*468x159x155mm (18-1/2"x6-1/4"x6-1/8")*
Net weight	*3.8kg (8.4lbs)*
Power supply cord	*4.0m (13.1ft)*

● 125mm Dust cover, Rubber pad 115, Abrasive discs 125, Side grip, Head cover, Lock nut wrench

Angle Sander

PK5001C 115mm (4-1/2")

318



P191 G

Ideal one for effective stone polishing.

- Speed control dial for setting the optimum speed for application.
- Four water supply holes evenly wet every channel of polishing pad, protecting from overheating and getting clogged with dust.
- Ergonomically designed rubberized soft grip for better control.
- Conveniently located valve allows easy water flow control in your hand.



Continuous rating Input	*1,400W*
Wheel diameter	*125mm (5")*
Capacity	*Pad : 115mm (4-1/2")*
No load speed (rpm)	*2,000-6,800*
Dimensions (L x W x H)	*328x80x126mm (12-7/8"x3-1/8"x5")*
Net weight	*2.5kg (5.5lbs)*
Power supply cord	*4.0m (13.1ft)*

● Rubber pad 115, Abrasive disc, Side grip, Head cover, Lock nut wrench

Stone Polisher

PW5000C

318



P191 G

Ideal one for effective stone polishing.

- Speed control dial for setting the optimum speed for application.
- Three water supply holes evenly wet every channel of polishing pad, protecting from overheating and getting clogged with dust.
- Ergonomically designed rubberized soft grip for better control.
- Conveniently located valve allows easy water flow control in your hand.



Continuous rating Input	*900W*
Capacity	*Pad : 100-125mm (4-5")*
No load speed (rpm)	*2,000-4,000*
Overall length	*313mm (12-3/8")*
Net weight	*2.3kg (5.1lbs)*
Power supply cord	*5.0m (16.4ft)*

● Rubber pad 100 (M14), Rubber pad 100 (5/8"), Side grip, Wrench, Head cover

Stone Polisher

PW5001C

318



P191 G

Ideal one for effective stone polishing.

- Speed control dial for setting the optimum speed for application.
- Three water supply holes evenly wet every channel of polishing pad, protecting from overheating and getting clogged with dust.
- Ergonomically designed tool head provides comfortable grip.
- Conveniently located valve allows easy water flow control in your hand.



Continuous rating Input	*900W*
Capacity	*Pad : 100-125mm (4-5")*
No load speed (rpm)	*2,000-4,000*
Overall length	*359mm (14-1/8")*
Net weight	*2.3kg (5.1lbs)*
Power supply cord	*4.0m (13.1ft)*

● Rubber pad 100 (M14), Rubber pad 100 (5/8"), Side grip, Wrench, Head cover

Grinding / Sanding

Belt Sander

9032 9mm x 533mm (3/8"x 21")

411



P191

Max. sanding depth 110 mm (4-5/16").

- Adjustable sanding arm pivots 100 degrees for hard to reach areas.
- Electronic speed control dial for fine work.
- Easily adjustable belt tracking with a turn of the knob.
- Dust-free work with Makita dust collection system.
- Optional 6mm and 13mm sanding bars for a wide range of sanding and filing jobs.





● Abrasive belt

Continuous rating Input	*500W*
Belt size	*9 x 533mm (3/8"x 21")*
Belt speed	*300 - 1,700m / min. (980 - 5,600ft/ min)*
Max. sanding depth	*110mm (4-5/16")*
Overall length	*420mm (16-1/2")*
Net weight	*1.6kg (3.5lbs)*
Power supply cord	*2.5m (8.2ft)*

Belt Sander

9031 30mm x 533mm (1-3/16"x 21")

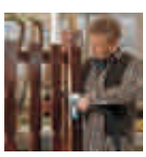
411



P191

Optimum for use in close quarters or on irregular shapes.

- Belt speed can be adjusted for sanding a wide variety of materials.
- Multi-position side handle for easy and comfortable operation.
- Lock-on button for continuous operation.





● Abrasive belt x10

Continuous rating Input	*550W*
Belt size	*30 x 533mm (1-3/16"x 21")*
Belt speed	*200 - 1,000m / min. (656 - 3,280ft/ min)*
Overall length	*380mm (15")*
Net weight	*2.1kg (4.6lbs)*
Power supply cord	*2.5m (8.2ft)*

Belt Sander

9911 / 9910 76mm x 457mm (3"x 18")

411



P191

Compact and well balanced for easy operation.

- Unique design allows flush sanding to a wall.
- Flat top design allows sander to be turned and used as a bench top tool.
- Low noise at only 82dB for quieter operation.
- Auto-tracking belt system requires no adjustment after in stalling belt.
- 9911 : Electronic variable speed control feature.



▼9911



● Abrasive belt, Dust bag assembly

Continuous rating Input	*650W*
Belt size	*76 x 457mm (3"x 18")*
Belt speed	*9911 : 75 - 270m / min. (250 - 900ft/ min)*
	9910 : 270m / min. (900ft/ min)
Overall length	*262mm (10-5/16")*
Net weight	*2.7kg (6.0lbs)*
Power supply cord	*2.5m (8.2ft)*

Belt Sander

9903 / 9902 76mm x 533mm (3"x 21")

303



P191

Features auto-tracking belt system, high dust collecting capacity, low noise at only 85dB.

- Unique design allows flush sanding to a wall with side of sander.
- Front grip design for comfortable operation.
- 9903 : Electronic variable speed control feature.



▼9903



● Abrasive belt, Dust bag assembly

Continuous rating Input	*1,010W*
Belt size	*76 x 533mm (3"x 21")*
Belt speed	*9903 : 210 - 440m / min. (690 - 1,440ft/ min)*
	9902 : 440m / min. (1,440ft/ min)
Overall length	*296mm (11-5/8")*
Net weight	*4.3kg (9.5lbs)*
Power supply cord	*5.0m (16.4ft)*

Belt Sander

9921 76mm x 610mm (3"x 24")

303



P191

Powerful motor for high production use.

- Quietist belt sander in its class (84db).
- 500 m/min belt speed for fast material removal.
- Labyrinth construction seals motor and bearings from contamination.
- Dust bag swivels 360 degrees for convenience.





● Abrasive belt, Dust bag assembly

Continuous rating Input	*1,200W*
Belt size	*76 x 610mm (3"x 24")*
Belt speed	*500m / min. (1,640ft/ min)*
Overall length	*353mm (13-7/8")*
Net weight	*5.6kg (12.3lbs)*
Power supply cord	*5.0m (16.4ft)*

Items of standard equipment and specifications may vary by country or area.

Belt Sander

9920 76mm x 610mm (3"x 24")

303

Features auto-tracking belt system, high dust collecting capacity, low noise at only 85dB.

· Flush sanding possible.
· Electronic variable speed control feature.





P191

Abrasive belt, Dust bag assembly

Continuous rating Input	1,010W
Belt size	76 x 610mm (3"x 24")
Belt speed	210 - 440m / min. (690 - 1,440ft/ min)
Overall length	334mm (13-1/8")
Net weight	4.5kg (9.9lbs)
Power supply cord	5.0m (16.4ft)

Belt Sander

9924DB 76mm x 610mm (3"x 24")

100

Sufficient power, proven reliability and well balanced design : pro's choice for years.

· Extended base to allow flush sanding.
· Replaceable ceramic wear-plate for easy maintenance.
· Easy lever control to change belts.





P191

Abrasive belt, Carbon plate, Dust bag assembly

Continuous rating Input	850W
Belt size	76 x 610, 620mm (3"x 24, 24-3/8")
Belt speed	400m / min. (1,300ft/ min)
Overall length	355mm (14")
Net weight	4.8kg (10.6lbs)
Power supply cord	5.0m (16.4ft)

Belt Sander

9403 100mm x 610mm (4"x 24")

303

Powerful motor for high production use.

· Quietist belt sander in its class (84db).
· 500 m/min belt speed for fast material removal.
· Labyrinth construction seals motor and bearings from contamination.
· Dust bag swivels 360 degrees for convenience.





P191

Abrasive belt, Dust bag assembly

Continuous rating Input	1,200W
Belt size	100 x 610mm (4"x 24")
Belt speed	500m / min. (1,640ft/ min)
Overall length	353mm (13-7/8")
Net weight	5.7kg (12.6lbs)
Power supply cord	5.0m (16.4ft)

Belt Sander

9404 100 mm x 610mm (4"x 24")

303

Features auto-tracking belt system, high dust collecting capacity, low noise at only 85dB.

· Unique design allows flush sanding to a wall with side of sander.
· Electronic variable speed control feature.





P191

Abrasive belt, Dust bag assembly

Continuous rating Input	1,010W
Belt size	100 x 610mm (4"x 24")
Belt speed	210 - 440m / min. (660 - 1,440ft/ min)
Overall length	334mm (13-1/8")
Net weight	4.8kg (10.6lbs)
Power supply cord	5.0m (16.4ft)

Wheel Sander

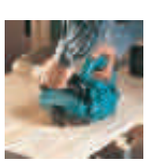
9741

100

Unique sanding solution for variety of materials.

· Brings out beautiful wood grain with nylon brush wheel.
· For fast and efficient paint and rust removal with optional wheels.
· Well balanced design with a low center of gravity and large front loop handle for easy handling.
· Connects to a dust collector for cleaner operation.





P191

Nylon brush wheel, Hex wrench x2, Joint for makita vacuum cleaner

Continuous rating Input	860W
Wheel diameter	100 x 120mm (4" x 4-3/4")
No load speed (rpm)	3,500
Overall length	310mm (12-1/4")
Net weight	4.2kg (9.3lbs)
Power supply cord	5.0m (16.4ft)

Grinding / Sanding

Finishing Sander — BO3711 / BO3710

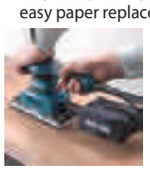
64



P191

Ergonomic tool body fits user's hand perfectly, providing sure grip and easy handling whether in single- or double-handed operation.

- BO3711: Variable speed control by dial.
- Durable aluminum foot with dust protection.
- Powerful heavy-duty motor featuring increased power input obtained by redesigned cooling system.
- Easy-to-operate paper clamp with large clamp lever ensures quick and easy paper replacement.



▼BO3711



● Abrasive paper, Punch plate, Dust bag or dust box

Continuous rating Input	*190W*
Pad size	*92 x 185mm (3-5/8" x 7-1/4")*
Abrasive paper size	*93 x 228mm (3-5/8" x 9")*
Orbits per minute (opm)	*BO3711 : 4,000-11,000* *BO3710 : 11,000*
Dimensions (L x W x H)	*253x92x154mm (10"x3-5/8"x6-1/16")*
Net weight	*1.6kg (3.5lbs)*
Power supply cord	*2.0m (6.6ft)*

Finishing Sander — 9035H

new



P191

Ergonomic tool body for controled operation.

- Large clamp lever for easy install /removal of paper.
- High durability foot.





● Abrasive paper x6

Continuous rating Input	*180W*
Pad size	*93 x 185mm (3-5/8" x 7-1/4")*
Abrasive paper size	*93 x 228 mm (3-5/8" x 9")*
Orbits per minute (opm)	*11,000*
Dimensions (L x W x H)	*236x93x146mm (9-1/4"x3-5/8"x5-3/4")*
Net weight	*1.5kg (3.3lbs)*
Power supply cord	*2.5m (8.2ft)*

Finishing Sander — BO4900V / BO4900

419



P191

Minimized vibration for reduced operator fatigue.

- Ergonomic handles for controlled operation.
- Large clamp lever for easy install / removal of paper.
- Easily hooks up to a vacuum hose for superior dust collection.
- Integrated through-the-pad dust collection system.
- Hook and loop type backing pad.



▼BO4900V



● Abrasive paper, Paper dust bag, Paper dust bag holder

Continuous rating Input	*330W*
Pad size	*115 x 229mm (4-1/2" x 9")*
Abrasive paper size	*115 x 232mm (4-1/2" x 9-1/8")*
Orbits per minute (opm)	*BO4900V : 4,000-10,000* *BO4900 : 10,000*
Overall length	*289mm (11-3/8")*
Net weight	*2.7kg (6.0lbs)*
Power supply cord	*2.5m (8.2ft)*

Finishing Sander — BO4901

419



P191

Minimized vibration level for reduced operator fatigue.

- Ergonomic handles for absolutely controlled operation.
- Large clamp lever for easy install / removal of paper.
- Through-the-pad dust collection with Makita vacuum cleaner.





● Abrasive paper

Continuous rating Input	*330W*
Pad size	*115 x 229mm (4-1/2" x 9")*
Abrasive paper size	*115 x 280mm (4-1/2" x 11")*
Orbits per minute (opm)	*10,000*
Overall length	*289mm (11-3/8")*
Net weight	*2.7kg (6.0lbs)*
Power supply cord	*2.5m (8.2ft)*

Orbital Sander — 9046

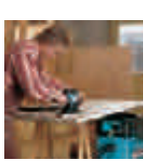
419



P191

Powerful performer for pro's needs.

- Accepts standard abrasive paper; also accepts hook & loop abrasive paper.





● Abrasive paper x6, Dust bag

Continuous rating Input	*600W*
Pad size	*115 x 229mm (4-1/2" x 9")*
Abrasive paper size	*115 x 280mm (4-1/2" x 11")*
Orbits per minute (opm)	*6,000*
Overall length	*283mm (11-1/8")*
Orbit diameter	*5mm (3/16")*
Net weight	*3.1kg (6.8lbs)*
Power supply cord	*2.5m (8.2ft)*

Finishing Sander

BO4510H

new



P191

Ergonomically contoured palm grip design with Soft elastomer grip fits your palm perfectly to provide maximum comfort and control while minimizing hand fatigue and pain.

- Large clamp lever for easy install /removal of paper.
- Plastic coated paper clamp levers for easy installation/removal of paper.
- Round base corners protect the workpiece from damage and scratches.
- High durability obtained by extending the service life of carbon brush and by improving the durability of foot.



Abrasive paper x6

Continuous rating Input	170W
Pad size	110 x 100mm (4-5/16" x 3-15/16")
Abrasive paper size	114 x 140mm (4-1/2" x 5-1/2")
Orbits per minute (opm)	12,000
Dimensions (L x W x H)	116x110x129mm (4-9/16"x4-5/16"x5-1/8")
Net weight	1.1kg (2.4lbs)
Power supply cord	2.5m (8.2ft)

Finishing Sander

BO4558

419



P191

Powerful motor, low vibration, low noise.

- Aluminum base.
- Easy installation/removal of paper with rolled clamper's edges.
- Ergonomically contoured grip with non-skid elastomer covered surface.
- Durable aluminum foot with dust protection.
- Rubber switch cover prevents ingress of dust.



Abrasive paper, Dust bag or dust box, Punch plate

Continuous rating Input	200W
Pad size	112 x 102mm (4-3/8" x 4")
Abrasive paper size	114 x 140mm (4-1/2" x 5-1/2")
Orbits per minute (opm)	14,000
Dimensions (L x W x H)	131x112x141mm (5-1/8"x4-3/8"x5-9/16")
Net weight	1.2kg (2.6lbs)
Power supply cord	2.0m (6.6ft)

Finishing Sander

BO4556 / BO4555

419



P191

Powerful motor, low vibration, low noise.

- Easy installation/removal of paper with rolled clamper's edges.
- Ergonomically contoured grip with non-skid elastomer covered surface.
- Durable aluminum foot with dust protection.
- Rubber switch cover prevents ingress of dust.
- BO4555 : Hook & loop type abrasive paper can be used.



▼BO4555

Abrasive paper, Dust bag, Punch plate

Continuous rating Input	200W
Pad size	112 x 102mm (4-3/8" x 4")
Abrasive paper size	BO4556 : 114 x 140mm (4-1/2" x 5-1/2") BO4555 : 114 x 102mm (4-1/2" x 4")
Orbits per minute (opm)	14,000
Dimensions (L x W x H)	131x112x141mm (5-1/8"x4-3/8"x5-9/16")
Net weight	1.1kg (2.5lbs)
Power supply cord	2.0m (6.6ft)

Finishing Sander

BO4565

419



P191

Optimum for sanding corners or tight spots with triangular base.

- Powerful motor.
- Ergonomically contoured grip with non-skid elastomer covered surface.
- Rubber switch cover prevents ingress of dust.
- Built-in dust extraction.
- Connectable to Makita vacuum cleaners using adapter.



Abrasive paper, Dust bag

Continuous rating Input	200W
Pad size	112 x 190mm (4-3/8" x 7-1/2")
Abrasive paper size	114 x 102mm (4-1/2" x 4")
Triangle	96mm (3-3/4")
Orbits per minute (opm)	14,000
Dimensions (L x W x H)	219x112x139mm (8-5/8"x4-3/8"x5-1/2")
Net weight	1.2kg (2.6lbs)
Power supply cord	2.0m (6.6ft)

Finishing Sander

BO4566

419



P191

Superb sanding of blinds, louvers and shutters.

- Powerful motor.
- Ergonomically contoured grip with non-skid elastomer covered surface.
- Rubber switch cover prevents ingress of dust.
- Built-in dust extraction.
- Durable aluminum foot with dust protection.



Dust bag

Continuous rating Input	200W
Pad size	100 x 164mm (3-15/16" x 6-1/2")
Abrasive paper size	102 x 166mm (4" x 6-1/2")
Orbits per minute (opm)	14,000
Dimensions (L x W x H)	197x100x137mm (7-3/4"x3-15/16"x5-3/8")
Net weight	1.2kg (2.6lbs)
Power supply cord	2.0m (6.6ft)

Grinding / Sanding

Finishing Sander — BO4557

419



➔P191

Easy to grip from different angles.

- Additional counterweight and fan for low vibration.
- Compact and lightweight tool design.
- Easy installation/removal of paper with rolled clamper's edges.
- Rigid aluminum foot with dust-proof sponge for longer tool life.
- Connectable to Makita vacuum cleaners using adapter.



● Abrasive paper set, Dust bag, Punch plate

Continuous rating Input	180W
Pad size	112 x 102mm (4-3/8" x 4")
Abrasive paper size	114 x 140mm (4-1/2" x 5-1/2")
Orbits per minute (opm)	14,000
Dimensions (L x W x H)	131x112x137mm (5-1/8"x4-3/8"x5-3/8")
Net weight	1.0kg (2.1lbs)
Power supply cord	2.0m (6.6ft)

Random Orbit Sander — BO5031 / BO5030

419



➔P191

Powerful motor and high durability.

- Ergonomically designed rubberized top-cover and body provide more control and comfort.
- Rubber switch cover prevents ingress of dust.
- Convenient pad brake for fast stop.
- BO5031 : Speed control dial.



▼BO5031

● Abrasive disc, Dust bag or dust box

Continuous rating Input	300W
Pad diameter	123mm (4-7/8")
Abrasive disc diameter	125mm (5")
Orbits per minute (opm)	BO5031 : 4,000-12,000
	BO5030 : 12,000
Dimensions (L x W x H)	153x123x153mm (6"x4-7/8"x6")
Net weight	BO5031 : 1.3kg (3.0lbs)
	BO5030 : 1.3kg (2.9lbs)
Power supply cord	2.0m (6.6ft)

Random Orbit Sander — BO5041 / BO5040

64



➔P191

Ergonomically designed body and rotatable front grip provides more control and comfort.

- High power motor.
- High durability by large size of ball bearing.
- Built-in dust extraction.
- High dust extraction rate.
- BO5041 : Speed control dial.



▼BO5041

● Abrasive disc, Dust bag or dust box

Continuous rating Input	300W
Pad diameter	123mm (4-7/8")
Abrasive disc diameter	125mm (5")
Orbits per minute (opm)	BO5041 : 4,000-12,000
	BO5040 : 12,000
Dimensions (L x W x H)	218x123x153mm (8-5/8"x4-7/8"x6")
Net weight	1.4kg (3.1lbs)
Power supply cord	2.0m (6.6ft)

Random Orbit Sander — BO6030

419



➔P191

Exceptionally low vibration, yet aggressive sanding.

- Through-the-pad dust collection system for cleaner job site.
- Ergonomic handles for controlled operation.
- Pad control system prevents gouging.
- Variable speed control dial to match the sanding speed to the material.



● Abrasive disc, Hex wrench, Dust bag

Continuous rating Input	310W
Pad diameter	150mm (6")
Abrasive disc diameter	150mm (6")
Orbits per minute (opm)	4,000-10,000
Overall length	309mm (12-1/8")
Orbit diameter	3.0mm (1/8")
Net weight	2.4kg (5.2lbs)
Power supply cord	2.5m (8.2ft)

Random Orbit Sander — BO6040

318



➔P191

Rotary/Eccentric mode with electronic speed control for perfect versatility - coarse sanding, finish sanding and polishing.

- Integrated through-the-pad dust collection system for cleaner job site.
- Low tool height, palm-fitting tool head and small diameter barrel grip for absolutely controlled operation.
- Variable speed for various applications.



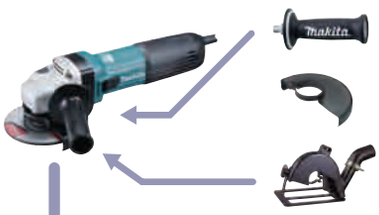
● Abrasive disc, Rubber pad, Hex wrench

Continuous rating Input	750W
Pad diameter	150mm (6")
Abrasive disc diameter	150mm (6")
Orbits per minute (opm)	1,600-5,800
Overall length	316mm (12-1/2")
Orbit diameter	5.5mm (7/32")
Net weight	2.8kg (6.2lbs)
Power supply cord	2.5m (8.2ft)

Accessories

A Angle Grinder

Page 192-195, 240, 467 475, 486



Grip, loop handle

Wheel cover

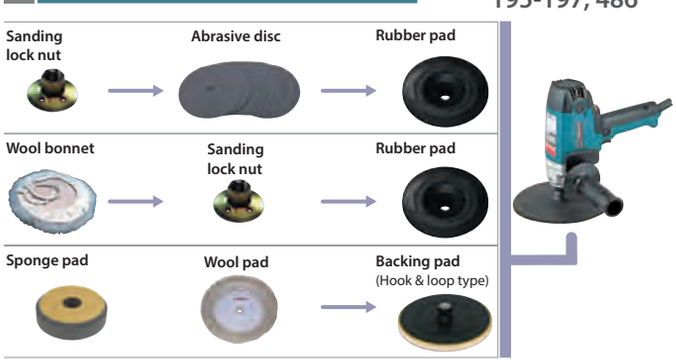
Wheel cover for cut-off wheel
brush cover for wire cup brush

Dust collecting wheel guard

- Depressed center wheel
- Flexible grinding wheel
- Cut-off wheel
- Thin Cut-off wheel
- Rubber pad
- Abrasive disc
- Sanding lock nut
- Wire cup brush
- Wire bevel brush
- Flap Disc
- Multi-disc
- Offset diamond wheel
- Diamond wheels
- Inner flange & Lock nut

B Disc Sander / Angle Sander / Polisher

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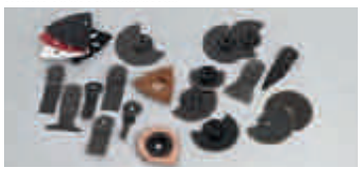




C Multi Tool

Page 501

Multi Tool Accessories

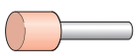




D Die Grinder

Page 196, 475

Wheel point



Collet cone





E Straight Grinder / Bench Grinder

Page 475, 486

Grinding wheel



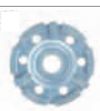




F Concrete Planer

Page 512

Offset diamond wheel





G Stone Polishers

Page 486

100mm Diamond polishing pad
(Hook & loop type)





H Belt Sander

Page 197-198, 486

Abrasive belt

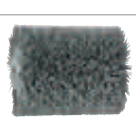




I Wheel Sander

Page 467

Wheels





J Finishing Sander / Random Orbit Sander

Page 195, 486

Abrasive paper





Abrasive disc





Accessories

Inner flange & Lock nut

(For depressed center wheel, diamond wheel and Cutting wheel)

Inner flange

Lock nut





Spindle thread	Inner flange		Lock nut
	for Depressed center wheel	for cut-off/ diamond wheel	
	Part No.	Part No.	Part No.
For 100mm Model: 9500N			
M10 x 1.25	224270-9		224578-1
For 100 mm Model: (North America)			
M10 x 1.25	224377-1		224573-1
For 100mm Models: Angle Grinder			
M10 x 1.5	224314-5		224559-5
For 115mm, 125mm and 150mm Angle Grinder			
M14 x 2 (DIN)	224415-9		224554-5
5/8"	224399-1		224568-4
For 115mm, 125mm and 150mm Angle Grinder Super flange Model			
(except GA4541/C, GA5041/C)			
M14 x 2 (DIN)	192227-7		224554-5
For 150mm Angle Grinder			
5/8"	224361-6	224378-9	224568-4
		224390-9	224574-9
For 180mm and 230mm Angle Grinder			
M14 x 2 (DIN)	224415-9		224543-0
5/8"	224317-9	224378-9	224568-4
For 180mm, 230mm Angle Grinder Super flange Model			
M14 x 2 (DIN)	192227-7		224543-0

Flange 78

(For cut-off wheel)

For: 180mm, 230mm



*Use with Lock nut 224543-0

Spindle thread	Outer flange	Inner flange
	Part No.	Part No.
M14 x 2 (DIN)	*224256-3	224257-1



Super flange 47 & Toolless lock nut

Spindle thread: M14 x 2 (DIN)

Super flange 47

For Model:

115mm, 125mm, 150mm, 180mm, 230mm Angle Grinder

(except GA4541/C, GA5041/C)



Toolless lock nut

For Model:

GA4540/C, GA5040/C, GA6040/C, GA4541/C, GA5041/C

180mm, 230mm Angle Grinder





Description	Part No.
Super flange 47	192227-7
Toolless lock nut	195354-9
Toolless lock nut (20 pcs)	195462-6

Wheel cover for cut-off wheel and brush cover for wire cup brush

for cut-off wheel

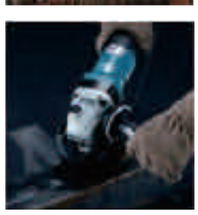
for diamond wheel





for wire cup brush





*Toolless

Type	Part No.	Destination
For 100mm Models		
for wire cup brush	192454-6	
for wire bevel brush	192412-2	
for cut-off/diamond wheel	122909-7	IEC
For 115mm Models		
for cut-off/diamond wheel	122910-2	IEC
for cut-off/diamond wheel	122642-1	
For 125mm Models		
for cut-off/diamond wheel	122911-0	IEC
for cut-off/diamond wheel	*122905-5	IEC
for wire cup brush	193066-8	
For Models: 9005B		
for cut-off wheel	122688-7	
For 150mm Models		
for cut-off/diamond wheel	165744-0	
for cut-off/diamond wheel	165744-0	North America
for cut-off/diamond wheel	122912-8	IEC
For 180mm Models		
for cut-off/diamond wheel	122914-4	IEC
For 230mm Models		
for cut-off/diamond wheel	122913-6	IEC

Accessories

Wheel cover





Type	Part No.	Destination
For 100mm Models:		
N9500N, 9500NB		
-	154755-0	
For 100mm Models:		
9563/C/H, 9553B/NB, 9556NB/PB		
-	125172-1	
-	125885-4	IEC,North America
Tool less	135109-0	
Tool less	122893-6	IEC
-	135475-7	North America
For 100mm Models:		
GA4030, GA4031, GA4032, GA4034、GA4040/C, GA4041C		
-	125885-4	IEC,North America
Tool less	122893-6	IEC,North America
For 115mm Models:		
9554NB/HN, 9557NB/HN, 9557PB/HP, BGA450/452, 9561CVH/CH/CVR/CR, 9564C/CV/CVR/CR, 9564P/PCV/PC, 9564CVL, 9564H		
-	125267-0	
-	123098-1	IEC,North America
-	125273-5	North America
Tool less	135107-4	
Tool less	123144-0	IEC
For 115mm Models:		
GA4530, GA4534, GA4540/C, GA4541/C, GA4542C, GA4543C		
-	123098-1	IEC,North America
Tool less	123144-0	IEC,North America
For 125mm Models:		
GA5021C, GA5020/C, 9565CV/C/CVR/CR, 9565P/PCV/PC, 9565CVL/CLR, 9562CVH/CH/CVR/CR, 9565H, GA5021/GA5011, GA5010, 9558NB/HN, 9558PB/HP, 9555NB/HN, 9555B		
-	125268-8	
-	123099-9	IEC
-	125274-3	North America
Tool less	135108-2	
Tool less	123145-8	IEC,North America
For 125mm Models:		
GA5030, GA5034, GA5040/C, GA5041/C, GA5042C, GA5043C, SA5042C		
-	123099-9	IEC,North America
Tool less	123145-8	IEC,North America
For 150mm Models:		
GA6021C, GA6020/C, GA6021, GA6011, 9566CV/C/CVR/CR, 9566PCV/PC, GA6010		
-	135192-7	
-	123230-7	IEC
-	165488-2	North America
Tool less	135110-5	
Tool less	123146-6	IEC
Tool less	123074-5	North America

Type	Part No.	Destination
For 150mm Models:		
GA6040/C, GA6042C		
-	123230-7	IEC
Tool less	123074-5	IEC,North America
Tool less	123146-6	IEC
For 180mm Model:		
GA7040/R/S, GA7030/R/S,GA7021, GA7031, GA7020/R/S, GA7012C, GA7010C		
-	163458-5	
-	163460-8	North America
-	122889-7	IEC
-	122939-8	IEC,North America
Tool less	163446-2	
Tool less	122846-5	IEC
Tool less	122767-1	North America
For 180mm Model:		
GA7050/R		
-	122889-7	IEC
-	122939-8	IEC,North America
Tool less	122846-5	IEC
For 230mm Models:		
GA9040R/S, GA9030/R/S, GA9031, GA9020/R/S, GA9012C, GA9010C		
-	154672-4	
-	163459-3	North America
-	122891-0	IEC
-	122938-0	
Tool less	163445-4	
Tool less	122847-3	IEC
Tool less	122768-9	North America
For 230mm Model:		
GA9050/R		
-	122891-0	IEC
-	122938-0	IEC, North America
Tool less	122847-3	IEC

Dust cover set, Dust collect brush

Dust collect brush





Offset dia wheel cover set

Model No.	Description	Part No.
PW5000C, PK5001C	Dust cover set	194233-8
	Dust collect brush	443121-9
	Offset dia wheel cover set	195775-5
PK5011C	Dust cover set	195773-9
	Offset dia wheel cover set	195774-7
	Protecter set	196028-5

Accessories

Dust collecting wheel guard

(For dust collection)

*Economy type

A



B





C





Type	Part No.	Destination
For 100mm Models:		
N9500N, 9500NB		
A	192212-0	
For 100mm Models:		
9526B, 9553NB, 9556NB/PB, 9563/C/CV, GA4030		
A	192475-8	
For 115, 125mm Models		
A	192618-2	
B (W/O Joint)	192972-4	
B (W/ Joint)	192968-5	
B (W/ Joint)	*193794-5	
For Models		
9005B, 9005N		
B	192188-1	
For 180mm Models:		
9047/S, 9057/S, 9067/L/S, 9077/S/SL, 9617/L, GA7010C,GA7020/ S, GA7021, GA7030/S, GA7031,GA7040S		
B	194303-3	
For 230mm Models:		
9049/F/S/SF, 9059/S/SF, 9069/S, 9079/S, GA9010C, GA9020/S, GA9030/S, GA9040S, GA9031		
B	194044-1	
For 115, 125mm Models		
C for the grinder with three notches on Bearing box	196845-3	
C for the grinder with single notch on Bearing box	196846-1	

Dust collecting wheel guard

For cup type diamond wheel



Type	Part No.	Destination
For 115, 125mm Models:		
9561CR/CVR, 9562CR/CVH/CVR, 9564CVR, 9564PC/PCV, 9565C/CR, 9565PC/PCV, GA5020, GA5021/C, GA4540/C, GA4541/C, GA4542C, GA4543C, GA5040/C, GA5041/C, GA5042C, GA5043C		
north america package	195236-5	
w/ mark of origin	195237-3	
w/ mark of origin	195238-1	IEC
w/o mark of origin	195239-9	IEC
w/o mark of origin	195250-1	
north america package	196575-6	IEC
9005B		
	196587-9	
For 180mm, 230mm Models:		
GA7040S, GA9020S/R, GA9030S/R, GA9040S/R		
w/ mark of origin	195384-0	IEC
w/o mark of origin	195385-8	IEC
w/ mark of origin	195387-4	
w/o mark of origin	195388-2	
north america package	195386-6	

Insulated transformer



Model No.	Part No.
PW5000C	P-46660

Plastic pad 120, Washer 10, Hex socket head bolt







For Model:

GV5010,GV6010

Size	Part No.
Plastic pad 120	743025-8
Hex socket head bolt M8 x 20	265812-0
Washer 10	253951-8

Accessories

Pad

(Hook & loop type)

Model No.	Diameter	Type	Part No.
9564CVL, SA4540C, SA4542C	115mm	-	743062-2
9565CVL, 9565CLR, SA5040C	125mm	For Europe	743060-6
9565CVL, SA5040C	125mm	-	743061-4

Rubber pad



Outer dia.(mm)	For spindle thread	Part No.
For 100mm Angle Grinder		
76	-	743009-6
For 115mm Angle Grinder		
100	M14 x 2 (DIN)	794187-5
100	M16 x 2, 5/8"	743036-3
For 125mm Angle Grinder		
115	-	743015-1
For Model: PK5001C, PK5011C		
115	-	743015-1
For Model: GV6010 (Pressure sensitive type)		
147	-	743033-9
For 150mm Angle Grinder		
125	-	743016-9
For 180mm Angle Grinder		
170	-	743012-7
For Model: 180mm Disc Sander / Polisher		
170	5/8"	743012-7
170	M14 x 2 (DIN), M16 x 2	743008-8

Rubber pad

Use with pre-punched abrasive disc.



Model No.	Type	Part No.
BO6030, BO6040	Hard (For coarse sanding)	196685-9
	Soft (For general sanding)	196684-1
	Super Soft (For fine sanding)	196686-7
BO5010, BO5012, BO5020,BO5021, BO5030, BO5031, BO5040, BO5041, BBO140, BBO180	-	743081-8



Sanding lock nut



Spindle thread	Part No.
For 100mm Angle Grinder	
M10 x 1.25	224501-6
M10 x 1.5	224502-4
For 115mm, 125mm, 150mm, 180mm, 230mm Angle Grinder	
M14 x 2 (DIN)	224515-5
5/8"	224517-1
M16 x 2	224523-6

Lock nut wrench, Lock nut release socket

Lock nut wrench

Lock nut release socket

(Square drive :12.7mm)





Type	For Model	Size	Part No.
Lock nut wrench	All 100mm	20	782401-1
	All 100mm	20	782420-7
	115 / 125mm	35	782423-1
	115 / 125mm Models for North America	28	782424-9
	DIN&Old type	28	782412-6
	180 / 230mm	35	782407-9
Lock nut release socket	Models for North America	28	194306-7
	180 / 230mm	35	194305-9

Dust cover attachment set







Model No.	Part No.
9560/C/CV, 9561/C/CH/CV/CVH, 9562/C/CH/CV/CVH, 9563H/C/CV, 9564/H/HR/C/CV/CVL, 9565/H/HR/C/CV/CVL, 9566C/CV	193903-6
9564PCV, 9565PCV, 9566PCV	195446-4
GA5010, GA5020/C, GA6010, GA6020/C	194482-7
GA5011, GA5021/C, GA6011, GA6021/C, GA7010C, GA7012C, GA9010C, GA9012C	193956-5
GA7020/R/S, GA7021, GA9020/R/S, GA7030/R/S, GA7031, GA7040R/S, GA9030/R/S, GA9040R/S, SA7021, SA9031	194289-1
GA7050/R, GA9050/R,GS5000,GS6000	195059-1

Accessories

Grip, Loop handle

Stick type



Anti Vibration type



Loop type



Model No.	Type	Part No.
For: 100-150mm Angle Grinder	Stick	153489-2
	Stick	152490-4
	Anti Vibration Grip	194514-0
GA5010, GA5011, GA5020/C, GA5021/C, GA6010, GA6011, GA6020/C, GA6021/C	Stick	153504-2
	Loop	194483-5
For 180mm, 230mm Angle Grinder	Stick	152539-0
PK5011C	Stick	152539-0
GA7020/S, GA7030/S, GA7031, GA7040S, GA9020/S, GA9030/S, GA9031, GA9040S, SA9031	Grip attachement set (for cutting operation)	194684-5
9218PB, 9207SPB, 9217SPC	Stick	152492-0
PV7001/C, GV7000/C,GV5000, GV5010,GV6000, GV6010	Stick	152491-2
PV7000C	Stick	273649-1
9237C	Loop	455292-0
9237CB	Loop	455293-8
9227C	Stick	152490-4
	Loop	416256-9
9227CB	Stick	273514-4
	Loop	416348-4
PW5000C, PW5001C, PK5001C	Stick	152490-4
	Front (use with scerw)	418507-6
SA7000C, SA7021	Stick	152539-0
BO6010, BO6040	Stick	152490-4

Backing pad

(Hook & loop type)

(Use with Wool pad and Sleeve18 or Sponge pad)

For Model:

9237C/CB, 9227C/B, PV7001/C, PV7000C, SA7000C



Spindle thread	Part No.
M14 x 2 (DIN)	743053-3
5/8"	743052-5
M16	743054-1

Wool bonnet

For Model:

PV7001/C, PV7000C, 9207SPB, 9218PB/L, 9237C/CB, 9227C/B, SA7000C





Size (mm)	Part No.
180	794176-0

Wool pad

(Hook & loop type)

(Use with Backing pad and Sleeve18)

For Model:

9237C/CB, 9227C/B, PV7001/C, PV7000C, SA7000C



Size (mm)	Part No.
180	192629-7

Sponge pad

(Hook & loop type)

(Use with Backing pad)

For Model:

9237C/CB, 9227C/B, PV7001/C, PV7000C, SA7000C





Size (mm)	Part No.
190	193470-1

Sleeve 18

(For centering pads)

For Model:

9237C/CB, 9227C/B, PV7001/C, PV7000C, SA7000C



Part No.
262542-4

Head cover



Model No.	Part No.
9564CVL, 9565CVL, 9565CLR, PW5000C, PW5001C, PK5001C	417322-5
9237C/CB	455291-2
9227C/CB	417671-0
SA7000/C, PK5011C	418529-6
SA4540, /SA4542C, SA5040C	453378-4

Accessories

Collet cone



A: Collet cone set with collet nut

Model No.	Type	Size	Part No.
903	-	1/8"	763654-1
	-	3mm	763610-1
906/H, GD0600, GD0601	-	3mm	763627-4
	-	1/8"	763626-6
	-	6mm	763620-8
	-	1/4"	763625-8
GD0602, DGD800, DGD801	-	3mm	763669-8
	-	1/8"	763672-9
	-	6mm	763670-3
	-	1/4"	763673-7
	-	8mm	763671-1
GD0800/C, GD0810C, GD0801C, GD0811C	A	3mm	193011-3
	A	1/8"	193144-4
	A	6mm	193012-1
	A	1/4"	193143-6
	A	8mm	192988-9

Side handle set



Model No.	Part No.
GD0600, GD0601, GD0602, GD0800/C, GD0801C, GD0810C, GD0811C, DGD800, DGD801	192985-5

Vise holder set



Model No.	Part No.
GD0800/C, GD0801C, GD0810C, GD0811C	193141-0



Carbon plate



Model No.	Part No.
9401, 9402	423029-3
9403	421648-9
9404	193201-8
9900B	423027-7
9902, 9903	193197-3
9920	193198-1

Cork rubber plate

(For use with Carbon plate or Steel plate.)



Model No.	Part No.
9401, 9402, 9403	421093-8
9404	193202-6
9902, 9903	193199-9
9920	193200-0

Steel plate

A: Include cork rubber plate



Model No.	Type	Part No.
9401, 9402	-	342328-3
9403	A	150980-1
9404	A	151751-9
9901	-	343355-3
9924DB	-	341705-6
9902, 9903	A	151749-6
9920	A	151750-1

Step





Model No.	Part No.
9401, 9402	342332-2

Accessories

Stand set





Model No.	Part No.
193618-5	9032

Belt sander stand





Model No.	Part No.
9404, 9902, 9903, 9920	193055-3
9924DB	STEX122299

Sanding shoe assembly





Model No.	Part No.
9404	193072-3
9902, 9903	193070-7

Clamp complete





Model No.	Part No.
9910, 9911	192694-6

Punch plate

(For allowing dust extraction through the base)





Model No.	Material	Part No.
BO3700, BO3710	METAL	192989-7
BO3710,BO3711	PLASTIC	194947-9
BO4900/V, BO4901, 9046	-	192523-3
BO4552, BO4553	-	413094-0
BO4555, BO4556, BO4557, BO4558	-	450066-4

Pad complete

*hook & loop type

For use with Abrasive paper



Model No.	Part No.
BO3710, BO3711	194929-1
	*194930-6
BO4900/V, BO4901	193523-6
	*193521-0



PRODUCTS

SAWING

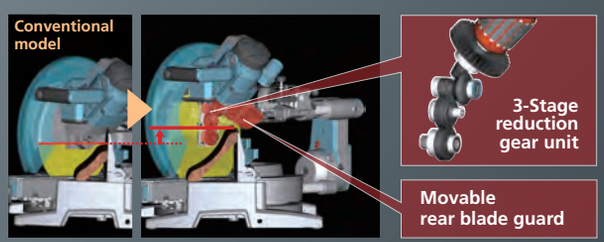


- Double Insulation
- Variable Speed
- Brake
- Mechanical 2-Speed
- Constant Speed
- Soft Start
- Bevel Cutting
- Bevel Cutting 45 left
- Bevel Cutting 45 LR
- Bevel Cutting L45 R5
- Orbital Cutting
- Makita Shank Jig Saw Blade
- Bayonet Shank Jig Saw Blade
- Laser Marker
- Dust Collecting
- Built-in Job Light
- Carrying Case

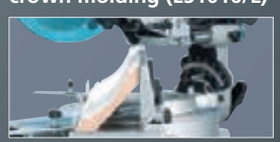
DXT Deep and Exact Cutting Technology

DEEP CUTTING

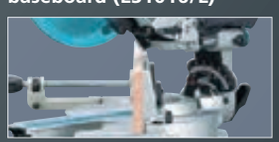
3-Stage reduction gear unit and Movable rear blade guard provide larger capacities of cutting Crown molding and Baseboard (Skirt board) .



Capable of diagonal cutting
up to 168mm (6-5/8")
crown molding (LS1016/L)

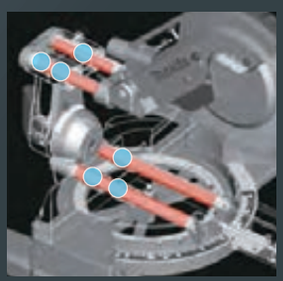


Capable of vertical cutting
up to 120mm (4-3/4")
baseboard (LS1016/L)



EXACT CUTTING

Double sliding mechanism
Makita advantages obtained by using 4 short steel poles instead of 2 long poles are;
- Vibration-free, precise and exact cutting
- Compact tool design for jobsite portability





6 linear ball bearings are used to support the 4 poles for smooth and precise sliding cut.

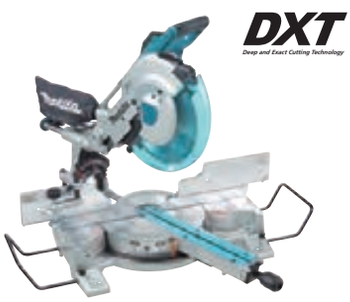
Double sliding guide fence
The upper and the lower sections slide independently for added convenience; each upper fence slides outwards for bevel cut, and each lower fence slide inwards to securely hold small workpiece for precise and exact cutting.

Overall height 120mm (4-3/4")



Slide Compound Saw — LS1216L / LS1216 305mm (12")

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P213 A

Large cutting capacity.

- Available for cutting 203mm(8") crown molding leaning against fence.
- Available for cutting 165mm(6-1/2") base board with standing.
- Sturdy structure by using 4 slide poles.
- Smooth and accurate cut by 6 liner ball bearings.
- LS1216L : Laser marker allows easy and accurate alignment with ink line even in bevel cutting or cutting decorative timbers.



▼LS1216L



● Carbide-tipped saw blade, Vertical vise, Socket wrench, Triangular rule, Dust bag, Holder assembly

Continuous rating Input	*1,650W*
Max cutting capacity	*at 0 degrees : 107x363mm (4-1/4"x14-1/4")*
	at 45 degrees : 107x255mm (4-1/4"x10")
Blade diameter	*305mm (12")*
No load speed (rpm)	*3,200*
Dimensions (L x W x H)	*721x640x806mm (28-3/8"x25-1/4"x31-3/4")*
Net weight	*26.6kg (58.6lbs)*
Power supply cord	*2.5m (8.2ft)*

Slide Compound Saw — LS1016L / LS1016 255mm (10")

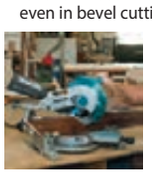
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P213 A

Large cutting capacity.

- Available for cutting 168mm(6-5/8") crown molding leaning against fence.
- Available for cutting 120mm(4-3/4") base board with standing.
- Sturdy structure by using 4 slide poles.
- Smooth and accurate cut by 6 liner ball bearings.
- LS1016L : Laser marker allows easy and accurate alignment with ink line even in bevel cutting or cutting decorative timbers.



▼LS1016L



● Carbide-tipped saw blade, Vertical vise, Socket wrench, Triangular rule, Dust bag, Holder assembly

Continuous rating Input	*1,510W*
Max cutting capacity	*at 0 degrees : 91x279mm (3-5/8"x11")*
	at 45 degrees : 91x197mm (3-5/8"x7-3/4")
Blade diameter	*250 - 260mm (9-7/8 - 10-1/4")*
No load speed (rpm)	*3,200*
Dimensions (L x W x H)	*718x640x671mm (28-1/4"x25-1/4"x26-1/2")*
Net weight	*LS1016L : 24.2kg (53.3lbs)*
	LS1016 : 24.1kg (53.1lbs)
Power supply cord	*2.5m (8.2ft)*

Slide Compound Saw — LS1018L 255mm (10")



P213 A

Bevel cutting 45 degrees left and right.

- Ergonomically designed rubberized soft grip provides more control and comfort.





● TCT saw blade, Vertical vise, Socket wrench, Triangular rule, Dust bag, Holder assembly

Continuous rating Input	*1,430W*
Max cutting capacity	*at 0 degrees : 91x305mm (3-5/8"x12")*
	at 45 degrees : 91x215mm (3-5/8"x8-1/2")
Blade diameter	*255 - 260mm (10 - 10-1/4")*
No load speed (rpm)	*4,300*
Dimensions (L x W x H)	*825x536x633mm (32-1/2"x21-1/8"x25")*
Net weight	*20.6kg (45.4lbs)*
Power supply cord	*2.5m (8.2ft)*

Slide Compound Saw

LS1017L 255mm (10")



P213 A

Bevel cutting 45 degrees left and 5 degrees right.

· Ergonomically designed rubberized soft grip provides more control and comfort.



Continuous rating Input	1,430W
Max cutting capacity	at 0 degrees : 91x305mm (3-5/8"x12")
	at 45 degrees : 91x215mm (3-5/8"x8-1/2")
Blade diameter	255 - 260mm (10 - 10-1/4")
No load speed (rpm)	4,200
Dimensions (L x W x H)	825x536x581mm (32-1/2"x21-1/8"x22-7/8")
Net weight	19.5kg (43.0lbs)
Power supply cord	2.5m (8.2ft)

Carbide-tipped saw blade, Vertical vise, Socket wrench, Triangular rule, Dust bag, Holder assembly

Slide Compound Miter Saw

LS0815FL / LS0815F 216mm (8-1/2")



P213 A

216mm (8-1/2") cost-competitive slide compound miter saw.

· Maximum cutting depth of 65mm at 90° and 50mm at 45° bevel left.
· Efficient dust extraction for clean work environment.



▼LS0815FL

Continuous rating Input	1,400W
Max cutting capacity	at 0 degrees : 65x305mm (2-9/16"x12")
	at 45 degrees : 50x305mm (2"x12")
Blade diameter	216mm (8-1/2")
No load speed (rpm)	5,000
Dimensions (L x W x H)	755x450x488mm (29-3/4"x17-3/4"x19-1/4")
Net weight	14.1kg (31.1lbs)
Power supply cord	2.5m (8.2ft)

Carbide-tipped saw blade, Socket wrench, Dust bag, Holder set, Vertical vise, Triangular rule

Slide Compound Saw

LS0714FL / LS0714L 190mm (7-1/2")

153



P213 A

Laser marker allows easy and accurate alignment with ink line even in bevel cutting or cutting decorative timbers.

· Double sliding mechanism makes it lighter and more compact, requiring smaller work space, allowing quick and easy transport.
· LS0714FL : Fluorescent lamp on flexible arm.
· Max cutting capacity 300mm (width) (11-3/4").
· Use of short steel poles as 4 rails protects the rails from bending for precision cutting.



▼LS0714FL

Continuous rating Input	1,010W
Max cutting capacity	at 0 degrees : 52x300mm (2-1/16"x11-3/4")
	at 45 degrees : 52x212mm (2-1/16"x8-3/8")
Blade diameter	190mm (7-1/2")
No load speed (rpm)	6,000
Dimensions (L x W x H)	670x430x458mm (26-3/8"x17"x18")
Net weight	LS0714FL : 13.7kg (30.2lbs)
	LS0714L : 13.5kg (29.8lbs)
Power supply cord	2.5m (8.2ft)

Carbide-tipped saw blade, Socket wrench, Dust bag, Holder set, Vertical vise, Triangular rule

Slide Compound Saw

LS0714F / LS0714 190mm (7-1/2")

153



P213 A

Double sliding mechanism makes it lighter and more compact, requiring smaller work space, allowing quick storing and easy transport.

· Max cutting capacity 300mm (width) (11-3/4").
· Use of short steel poles as 4 rails protects the rails from bending for precision cutting.
· All the four rails ride on a linear ball bearing dual sliding of saw head.
· LS0714F : Fluorescent lamp on flexible arm.



▼LS0714F

Continuous rating Input	1,010W
Max cutting capacity	at 0 degrees : 52x300mm (2-1/16"x11-3/4")
	at 45 degrees : 52x212mm (2-1/16"x8-3/8")
Blade diameter	190mm (7-1/2")
No load speed (rpm)	6,000
Dimensions (L x W x H)	670x430x458mm (26-3/8"x17"x18")
Net weight	LS0714F : 13.4kg (29.5lbs)
	LS0714 : 13.1kg (28.9lbs)
Power supply cord	2.5m (8.2ft)

Carbide-tipped saw blade, Socket wrench, Dust bag, Holder set, Vertical vise, Triangular rule

Compound Miter Saw

LS1221 305mm (12")

153



P213 A

Steady heavy duty cut on sturdy 4 point base.

· 9 positive stops for common angles.
· Bevel cuts 0-45degrees left.



Continuous rating Input	1,650W
Max cutting capacity	at 0 degrees : 98x153mm (3-7/8"x6")
	at 45 degrees : 70x149mm (2-3/4"x5-7/8")
Blade diameter	305mm (12")
No load speed (rpm)	4,000
Dimensions (L x W x H)	674x610x607mm (26-1/2"x24"x23-7/8")
Net weight	16.8kg (37.0lbs)
Power supply cord	2.5m (8.2ft)

Carbide-tipped saw blade, Triangular rule, Elbow, Socket wrench, Dust bag

Sawing

Compound Miter Saw

LS1045 255mm (10")

153



P213 A

Robust construction with cast iron base.

- Bevel cuts to 45 degrees left.
- Positive stops at 9 miter angle settings; 15, 22.5, 30, 45degrees, right or left and 0 degree (90 degrees cuts).
- Pivoting fence provide efficient support to stock.



Continuous rating Input	1,650W
Max cutting capacity	at 0 degrees : 90.5x95mm (3-9/16"x3-3/4")
	at 45 degrees : 90.5x67mm (3-9/16"x2-5/8")
Blade diameter	255 - 260mm (10 - 10-1/4")
No load speed (rpm)	4,600
Dimensions (L x W x H)	530x476x532mm (20-7/8"x18-3/4"x21")
Net weight	19.1kg (42.0lbs)
Power supply cord	2.5m (8.2ft)

- Carbide-tipped saw blade, Socket wrench, Dust bag, Holder set, Vise assembly, Triangular rule

Compound Miter Saw

LS1040F / LS1040 255mm (10")

153



P213 A

Robust construction for consistently accurate cuts.

- Bevel cuts to 45 degrees left.
- Pivoting fence provide efficient support to stock.
- LS1040F : Fluorescent lamp on flexible arm.



▼LS1040F

Continuous rating Input	1,650W
Max cutting capacity	at 0 degrees : 90.5x95mm (3-9/16"x3-3/4")
	at 45 degrees : 90.5x67mm (3-9/16"x2-5/8")
Blade diameter	255 - 260mm (10 - 10-1/4")
No load speed (rpm)	4,600
Dimensions (L x W x H)	LS1040F : 530x476x532mm (20-7/8"x18-3/8"x21")
	LS1040 : 530x532x476mm (20-7/8"x21"x18-3/4")
Net weight	LS1040F :12.6kg (27.8lbs)
	LS1040 : 12.4kg (27.3lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with saw blade.

- Socket wrench, Dust bag, Holder x2, Vertical vise, Triangular rule

Miter Saw

LS1440 355mm (14")

153



P213 A

Clean miter cutting up to 45 degrees, right or left.

- Self-aligning center plates on the guide fence for less splintering.
- Large cutting capacity with 355mm (14") blade.



Continuous rating Input	1,380W
Max cutting capacity	at 0 degrees : 122x152mm (4-13/16"x6")
	at 45 degrees : 122x115mm (4-13/16"x4-1/2")
Blade diameter	355mm (14")
No load speed (rpm)	3,200
Dimensions (L x W x H)	530x596x435mm (20-7/8"x23-1/2"x17-1/8")
Net weight	34.2kg (75.4lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with saw blade.

- Socket wrench, Vise assembly, Dust bag, Holder set

Miter Saw

LS1030N 260mm (10-1/4")

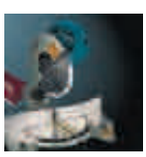
153



P213 A

Robust construction for more accurate cuts.

- Positive stops at 9 settings; 15, 22.5, 30, 45degrees, right or left and 0 degree (90degrees cuts).
- Front locking grip makes miter adjustment easy.
- Quiet operation (only 85db).



Continuous rating Input	1,650W
Max cutting capacity	at 0 degrees : 90.5x95mm (3-9/16"x3-3/4")
	at 45 degrees : 90.5x67mm (3-9/16"x2-5/8")
Blade diameter	255 - 260mm (10 - 10-1/4")
No load speed (rpm)	4,600
Dimensions (L x W x H)	530x476x532mm (20-7/8"x18-3/4"x21")
Net weight	12.1kg (26.7lbs)
Power supply cord	2.5m (8.2ft)

Tool does not come with saw blade.

- Socket wrench, Dust bag, Triangular rule

Table Top Miter Saw

LH1200FL 305mm (12")



P213 A

Max. cutting width up to 200mm.

- Able to cut two layers of 192mm x thickness 23mm wood floorings in a single stroke.
- Sturdy cast aluminum table.
- Laser marker allows for easy ink line alignment.
- 4 LED job lights provides a clear view of ink line even in dark places when the tool is used as a miter saw.



Continuous rating Input	1,650W
Max cutting capacity	at 0 degrees : 95x155mm (3-3/4"x6-1/8")
	at 45 degrees : 64x155mm (2-1/2"x6-1/8")
Blade diameter	305mm (12")
No load speed (rpm)	3,800
Dimensions (L x W x H)	610x535x692mm (24"x21"x27-1/4")
Net weight	20.7kg (45.6lbs)
Power supply cord	2.5m (8.2ft)

- TCT saw blade, Vertical vise, Dust bag, Guide rule, Ring, Triangular rule, Push stick, Blade cover, Socket wrench, Holder set

Table Top Miter Saw

LH1040F / LH1040 260mm (10-1/4")

153



P213 A

Miter saw and table saw packed in one tool for great versatility.

- Lightweight for easy transport to job sites.
- With sturdy cast aluminum table.
- Anti-restart switch protects user from accidental start.
- Powerful motor allows easy rip cutting.
- LH1040F : Built-in LED Job Light



▼LH1040F

Continuous rating Input	1,650W
Max cutting capacity	at 0 degrees : 93x95mm (3-5/8"x3-3/4")
	at 45 degrees : 53x95mm (2-1/6"x3-3/4")
Blade diameter	260mm (10-1/4")
No load speed (rpm)	4,800
Dimensions (L x W x H)	530x476x535mm (20-7/8"x18-3/4"x21")
Net weight	14.3kg (31.5lbs)
Power supply cord	2.5m (8.2ft)

● TCT saw blade, Rip fence, Set plate, Holder, Blade cover, Push stick, Socket wrench, Triangular rule, Sub plate assembly, Dust bag

Flip Over Saw

LF1000 260mm (10-1/4")

153



P213 A

Light weight motor enables quick conversion of Table and Mitersaw.

- Tough motor ideal for cutting material with load, bevel cut (max. 45 degrees left), cutting thick material.
- Compact fold away legs allow easy transport to job site.
- Rigid cast aluminum table.



Continuous rating Input	1,650W
Max cutting capacity	at 0 degrees : 20x210mm (13/16"x8-1/4")
	at 0 degrees : 68x155mm (2-11/16"x6-1/8")
	at 45 degrees : 50x150mm (2"x5-7/8")
Blade diameter	260mm (10-1/4")
No load speed (rpm)	2,700
Dimensions (L x W x H)	Miter saw : 660x650x1,220mm (26"x25-1/2"x48") Table saw: 660x650x1,060mm (26"x25-1/2"x41-3/4")
Net weight	36.0kg (79.4lbs)
Power supply cord	2.5m (8.2ft)

● Carbide-tipped saw blade, Rip fence, Bevel guide, Push stick, Blade guard, Dust cover, Dust bag, Wrench 8

Table Saw

2712 315mm (12-3/8")

new



P213 A

315mm table saw with induction motor.

- Left extension sub-table is provided.
- The table saw installs the connection for vaccum.
- The table saw has two wheel for transportation.



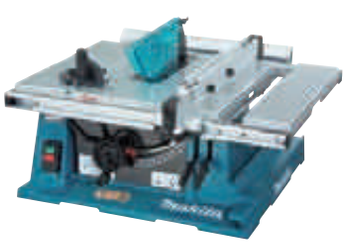
Continuous rating Input	2,000W
Max cutting capacity	at 0 degrees : 85mm (3-3/8")
	at 45 degrees : 58mm (2-1/4")
Blade diameter	315mm (12-3/8")
No load speed (rpm)	50Hz: 2,950
	60Hz: 3,400
Bevel cutting capacity (degrees)	0 - 45
Dimensions (L x W x H)	1,670x700x810mm (65-3/4"x27-1/2"x32")
Net weight	52.9kg (116.6lbs)
Power supply cord	3.0m (9.8ft)

● TCT saw blade, Rip fence, Miter gauge, Wrenches, Push stick, Ring

Table Saw

2704 255mm (10")

153



P213 A

Rigid, precision cutting, high spec table saw.

- Machined saw table with high rigidity delivers accurate cutting work.
- Powerful motor enables ripping 4" x 8" wood with telescopic sub table.
- Rip fence with very smooth sliding movement and high accuracy.
- Side and rear extension tables available as option.



Continuous rating Input	1,650W
Max cutting capacity	at 0 degrees : 91mm (3-5/8")
	at 45 degrees : 63mm (2-1/2")
Blade diameter	255mm (10")
No load speed (rpm)	4,800
Bevel cutting capacity (degrees)	-0.5 - 45.5
Dimensions (L x W x H)	665x766x344mm (26-1/4"x30-1/4"x13-1/2")
Net weight	34.9kg (76.9lbs)
Power supply cord	2.5m (8.2ft)

● TCT saw blade, Rip fence, Miter gauge, Wrenches, Push stick, Ring

Table Saw

2705 255mm (10")

153



P213 A

Compliance with the latest UL standards.

- Safety guard can be installed/removed without tool.
- Riving knife moves up and down without tools.
- Machined table top provides increased flatness for accurate cutting.
- Rip fence with very smooth sliding action and high accuracy.
- Easy to operate large On-Off Switch.



Max cutting capacity	at 0 degrees : 91mm (3-5/8")
	at 45 degrees : 63mm (2-1/2")
Blade diameter	255mm (10")
No load speed (rpm)	4,800
Bevel cutting capacity (degrees)	-0.5 - 45.5
Dimensions (L x W x H)	678x766x344mm (26-3/4"x30-1/4"x13-1/2")
Net weight	29.7kg (65.5lbs)
Power supply cord	2.5m (8.2ft)

● TCT saw blade, Rip fence, Miter gauge, Wrenches, Push stick, Ring

Items of standard equipment and specifications may vary by country or area.

Sawing

Table Saw

MLT100 255mm (10")



P213 A

Sliding left extension sub-table is provided.

· Right and rear extension table enables greater cutting capacity.
· Safety guard is installable and removable without tool.
· On-tool storage for accessories is provided.



Continuous rating Input	*1,500W*
Max cutting capacity	*at 0 degrees : 91mm (3-9/16")*
	at 45 degrees : 63mm (2-1/2")
Blade diameter	*255mm (10")*
No load speed (rpm)	*4,300*
Dimensions (L x W x H)	*726x984x333mm (28-1/2"x38-3/4"x13-1/8")*
Net weight	*34.1kg (75.2lbs)*
Power supply cord	*2.5m (8.2ft)*

● TCT saw blade, Rip fence, Miter gauge, Wrenches, Push stick, Triangular rule

Table Saw

2703 255mm (10")

153



P213 A

Smooth precision cutting on a large table; 686mm x 560mm (27" x 22").

· Riving knife moves together with saw blade.
· Lightweight for easy transportation.



Continuous rating Input	*1,650W*
Max cutting capacity	*at 0 degrees : 91mm (3-9/16")*
	at 45 degrees : 63mm (2-1/2")
Blade diameter	*255mm (10")*
No load speed (rpm)	*4,600*
Dimensions (L x W x H)	*560x686x308mm (22"x27"x12-1/8")*
Net weight	*18.0kg (39.6lbs)*
Power supply cord	*2.5m (8.2ft)*

● Carbide-tipped saw blade, Rip fence, Miter gauge, Offset wrench, Wrench, Holder cap opener

Circular Saw

5005BA 140mm (5-1/2")

100



P213 A

Powerful hi-tech motor for fast cutting action.

· Blade on left side to assure better sight of cutting line for accurate sawing.



Continuous rating Input	*860W*
Max cutting capacity	*at 0 degrees : 45mm (1-3/4")*
	at 45 degrees : 31mm (1-3/16")
Blade diameter	*140mm (5-1/2")*
No load speed (rpm)	*8,000*
Overall length	*248mm (9-3/4")*
Net weight	*2.8kg (6.2lbs)*
Power supply cord	*2.5m (8.2ft)*

● Combination saw blade, Socket wrench, Rip fence (guide rule)

Circular Saw

5606B 160mm (6-1/4")

303



P213 A

Sawdust and chips hardly ever come near operator.



Continuous rating Input	*950W*
Max cutting capacity	*at 0 degrees : 55mm (2-1/8")*
	at 45 degrees : 36mm (1-3/8")
Blade diameter	*160mm (6-1/4")*
No load speed (rpm)	*5,200*
Overall length	*268mm (10-9/16")*
Net weight	*3.4kg (7.5lbs)*
Power supply cord	*2.5m (8.2ft)*

● Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Circular Saw

5600NB 160mm (6-1/4") 100



The market's favorite lightweight saw with the field-proven high performance.

Continuous rating Input	*800W*
Max cutting capacity	*at 0 degrees : 55mm (2-1/8")*
	at 45 degrees : 36mm (1-3/8")
Blade diameter	*160mm (6-1/4")*
No load speed (rpm)	*4,000*
Overall length	*250mm (9-7/8")*
Net weight	*3.0kg (6.7lbs)*
Power supply cord	*2.5m (8.2ft)*



Combination saw blade, Socket wrench, Rip fence (guide rule)

P213 A

Circular Saw

HS6101 / HS6100 165mm (6-1/2") 174



Compact & Lightweight.

- Electronic Brake and Twin LED Job Light.
- Blower function for a better cutting view.
- Single action levers for fixing Rip fence and quick adjustment of cutting depth and angle.
- Ergonomically designed soft grip covered with non-slip elastomer.

Continuous rating Input	*1,100W*
Max cutting capacity	*at 0 degrees : 54.5mm (2-1/8")*
	at 45 degrees : 39.5mm (1-9/16")
	at 50 degrees : 35.5mm (1-3/8")
Blade diameter	*165mm (6-1/2")*
No load speed (rpm)	*5,500*
Dimensions (L x W x H)	*297x246x246mm*
Net weight	*HS6101 : 3.7kg (8.2lbs)*
	HS6100 : 3.7kg (8.1lbs)
Power supply cord	*2.5m (8.2ft)*



▼HS6101 ▼HS6101

Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule), Joint

P213 A

Circular Saw

5604R 165mm (6-1/2") 303



All ball bearing construction for extended service life.

- With anti kickback riving knife.

Continuous rating Input	*950W*
Max cutting capacity	*at 0 degrees : 54mm (2-1/8")*
	at 45 degrees : 35mm (1-3/8")
Blade diameter	*165mm (6-1/2")*
No load speed (rpm)	*5,000*
Overall length	*320mm (12-5/8")*
Net weight	*3.9kg (8.6lbs)*
Power supply cord	*2.5m (8.2ft)*



Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

P213 A

Circular Saw

5800NB 180mm (7-1/8") 100



One of our best-selling portable circular saw.

- Double insulation structure.

Continuous rating Input	*900W*
Max cutting capacity	*at 0 degrees : 64mm (2-1/2")*
	at 45 degrees : 43mm (1-11/16")
Blade diameter	*180mm (7-1/8")*
No load speed (rpm)	*4,500*
Overall length	*272mm (10-3/4")*
Net weight	*3.5kg (7.7lbs)*
Power supply cord	*5.0m (16.4ft)*



Combination saw blade, Socket wrench, Rip fence (guide rule)

P213 A

Circular Saw

5007MGA / 5007MG 185mm (7-1/4") 153



Lightweight but sturdy. (5007MGA : with Electric brake)

- Lightweight thanks to using sturdy magnesium die cast for base and blade case.
- Max cutting capacity 63.5mm (2-1/2").
- The air blows sawdust off the cut line ahead.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Max bevel capacity 56 degrees.

Continuous rating Input	*1,800W*
Max cutting capacity	*at 0 degrees : 63.5mm (2-1/2")*
	at 45 degrees : 45mm (1-3/4")
Blade diameter	*185mm (7-1/4")*
No load speed (rpm)	*5,800*
Dimensions (L x W x H)	*317x240x265mm (12-1/2"x9-1/2"x10-3/8")*
Net weight	*4.8kg (10.6lbs)*
Power supply cord	*2.5m (8.2ft)*



▼5007MGA

Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

P213 A

Items of standard equipment and specifications may vary by country or area.

Sawing

Circular Saw

5007NB 185mm (7-1/4") 153



P213 A

One of our best-selling 185mm (7-1/4") saws.

· With large wrap-around aluminum base and superb crosscut or rip sawing actions.



Carbide-tipped saw blade, Wrench, Rip fence (guide rule)

Continuous rating Input	*1,400W*
Max cutting capacity	*at 0 degrees : 60mm (2-3/8")*
	at 45 degrees : 46mm (1-3/4")
Blade diameter	*185mm (7-1/4")*
No load speed (rpm)	*5,800*
Overall length	*305mm (12")*
Net weight	*5.0kg (11lbs)*
Power supply cord	*2.5m (8.2ft)*

Circular Saw

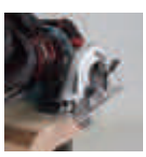
5007NFA / 5007NF / 5007N 185mm (7-1/4") 153



P213 A

High power, maximum cutting depth of 63.5mm (2-1/2").

· Max bevel capacity: 56 degrees.
· Easy-to-read cutting depth scale.
· Rubberized handle provides more control and comfort.
· The air blows sawdust off the cutting line ahead.
· 5007NFA / 5007NF : Built-in job light using twin LED light.



5007NFA ▼ ▼ 5007NFA / 5007NF

Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Continuous rating Input	*1,800W*
Max cutting capacity	*at 0 degrees : 63.5mm (2-1/2")*
	at 45 degrees : 45mm (1-3/4")
	at 50 degrees : 35mm (1-3/8")
Blade diameter	*185mm (7-1/4")*
No load speed (rpm)	*5,800*
Dimensions (L x W x H)	*317x240x265mm (12-1/2"x9-1/2"x10-3/8")*
Net weight	*5.2kg (11.5lbs)*
Power supply cord	*2.5m (8.2ft)*

Hypoid Saw

5377MG 185mm (7-1/4") 153



P213 A

Lightweight using magnesium diecast without loss of durability and power. (15AMP)

· Sturdy magnesium Motor Housing.
· Max bevel capacity 51.5 degrees.
· Ergonomically designed handle with rubberized soft grip provides more control and comfort.
· Depth guide with easy-to-read scale.
· Large rubberized levers.



Carbide-tipped saw blade, Hex wrench

Max cutting capacity	*at 0 degrees : 60mm (2-3/8")*
	at 45 degrees : 44mm (1-3/4")
	at 50 degrees : 40mm (1-9/16")
Blade diameter	*185mm (7-1/4")*
No load speed (rpm)	*4,500*
Dimensions (L x W x H)	*450x183x254mm (17-3/4"x7-1/4"x10")*
Net weight	*6.0kg (13.2lbs)*
Power supply cord	*3.0m (9.8ft)*

Hypoid Saw

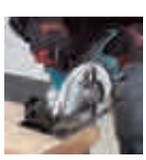
5477NB 185mm (7-1/4") 153



P213 A

Max.bevel capacity 51.5 degrees.

· Ergonomically designed handle with rubberized soft grip provides more control and comfort.
· Depth guide with easy-to-read scale.



Carbide-tipped saw blade, Hex wrench

Max cutting capacity	*at 0 degrees : 60mm (2-3/8")*
	at 45 degrees : 44mm (1-3/4")
	at 50 degrees : 40mm (1-9/16")
Blade diameter	*185mm (7-1/4")*
No load speed (rpm)	*4,500*
Dimensions (L x W x H)	*442x183x254mm (17-3/8"x7-1/4"x10")*
Net weight	*6.5kg (14.3lbs)*

Circular Saw

HS7000 185mm (7-1/4") 303

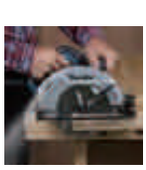
new



P213 A

New aesthetic design with Soft grip.

· Single action lever for quick adjustment of cutting depth.
· Rear dust exhaust port exhausts sawdust backward only, preventing it from scattering around to provide comfortable operation.
· Rear angular guide for smooth and precise adjustment of bevel angle.
· Steel plate base.



Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Continuous rating Input	*1,200W*
Max cutting capacity	*at 0 degrees : 64mm (2-1/2")*
	at 45 degrees : 43mm (1-11/16")
Blade diameter	*185mm (7-1/4")*
No load speed (rpm)	*5,200*
Dimensions (L x W x H)	*298x230x255mm (11-11/16"x9-1/16"x10")*
Net weight	*4.0kg (8.9lbs)*
Power supply cord	*2.5m (8.2ft)*

Circular Saw

HS7600 185mm (7-1/4")

303

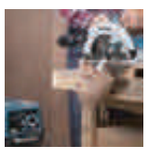
new



P213 A

New aesthetic design with Soft grip.

· Single action lever for quick adjustment of cutting depth.
· Rear dust exhaust port exhausts sawdust backward only, preventing it from scattering around to provide comfortable operation.
· Aluminum plate base.



Continuous rating Input	1,200W
Max cutting capacity	at 0 degrees : 64mm (2-1/2")
	at 45 degrees : 42mm (1-5/8")
Blade diameter	185mm (7-1/4")
No load speed (rpm)	5,200
Dimensions (L x W x H)	309x234x255mm (12-1/8"x9-1/4"x10")
Net weight	3.9kg (8.6lbs)
Power supply cord	2.5m (8.2ft)

Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Circular Saw

5806B 185mm (7-1/4")

303



P213 A

Sawdust and chips hardly ever come near operator.

· Powerful motor for smooth operation even in heavy duty cutting.
· Well balanced body and ergonomically designed handle for comfortable operation.



Continuous rating Input	1,050W
Max cutting capacity	at 0 degrees : 66mm (2-5/8")
	at 45 degrees : 44mm (1-11/16")
Blade diameter	185mm (7-1/4")
No load speed (rpm)	5,200
Overall length	282mm (11-1/8")
Net weight	3.4kg (7.5lbs)
Power supply cord	2.5m (8.2ft)

Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Circular Saw

HS7601 190mm (7-1/2")

303

new



P213 A

Compact and lightweight with new aesthetic design.

· Soft grip provides more comfort.
· Single action lever for quick adjustment of cutting depth.
· Rear dust exhaust port exhausts sawdust backward only, preventing it from scattering around to provide comfortable operation.
· Aluminum plate base.



Continuous rating Input	1,200W
Max cutting capacity	at 0 degrees : 66mm (2-5/8")
	at 45 degrees : 46mm (1-13/16")
Blade diameter	190mm (7-1/2")
No load speed (rpm)	5,200
Dimensions (L x W x H)	309x232x255mm (12-1/8"x9-1/8"x10")
Net weight	4.0kg (8.8lbs)
Power supply cord	2.5m (8.2ft)

TCT saw blade, Hex wrench, Dust nozzle, Guide rule (Rip fence)

Circular Saw

HS7101 / HS7100 190mm (7-1/2")

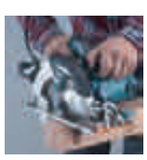
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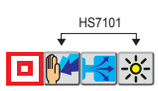


P213 A

Compact & Lightweight.

· Electronic Brake and Twin LED Job Light.
· Blower function for a better cutting view.
· Single action levers for fixing Rip fence and quick adjustment of cutting depth and angle.
· Ergonomically designed soft grip covered with non-slip elastomer.





Continuous rating Input	1,400W
Max cutting capacity	at 0 degrees : 67mm (2-5/8")
	at 45 degrees : 48.5mm (1-15/16")
	at 50 degrees : 43.5mm (1-11/16")
Blade diameter	190mm (7-1/2")
No load speed (rpm)	5,500
Dimensions (L x W x H)	310x246x258mm (12-1/4"x9-11/16"x10-1/8")
Net weight	HS7101 : 4.0kg (8.9lbs)
	HS7100 : 4.0kg (8.8lbs)
Power supply cord	2.5m (8.2ft)

Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule), Dust nozzle

Sawing

Dustless Circular Saw

5017RKB 190mm (7-1/2")

303



P213 A

Dust collection container captures waste for a clean work environment.

· With anti kickback riving knife.





● Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Continuous rating Input	*1,400W*
Max cutting capacity	*at 0 degrees : 60mm (2-3/8")*
	at 45 degrees : 46mm (1-13/16")
Blade diameter	*190mm (7-1/2")*
No load speed (rpm)	*4,800*
Overall length	*414mm (16-1/4")*
Net weight	*5.5kg (12.1lbs)*
Power supply cord	*2.5m (8.2ft)*

Circular Saw

5008MGA / 5008MG 210mm (8-1/4")

153



P213 A

Maximum cutting depth of 75.5mm (3").

· Lightweight thanks to using sturdy magnesium die cast for base and blade case.
· Ergonomically designed handle with rubberized soft grip provides more control and comfort.
· Max bevel capacity: 50 degrees.
· Rubberized levers.



▼ 5008MGA



● TCT saw blade, Hex wrench, Rip fence (guide rule)

Continuous rating Input	*1,800W*
Max cutting capacity	*at 0 degrees : 75.5mm (3")*
	at 45 degrees : 57mm (2-1/4")
Blade diameter	*210mm (8-1/4")*
No load speed (rpm)	*5,200*
Dimensions (L x W x H)	*332x243x277mm (13-1/8"x9-9/16"x10-7/8")*
Net weight	*5.1kg (11.4lbs)*
Power supply cord	*2.5m (8.2ft)*

Circular Saw

5903R 235mm (9-1/4")

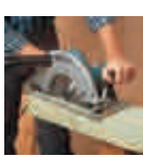
203



P213 A

For all-round easier operation.

· Easier, more efficient chip / sawdust ejection.
· With antikickback riving knife.





● Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Continuous rating Input	*2,000W*
Max cutting capacity	*at 0 degrees : 85mm (3-11/32")*
	at 45 degrees : 64mm (2-1/2")
Blade diameter	*235mm (9-1/4")*
No load speed (rpm)	*4,500*
Overall length	*400mm (15-3/4")*
Net weight	*7.2kg (15.9lbs)*
Power supply cord	*2.5m (8.2ft)*

Circular Saw

5902B / N5900B 235mm (9-1/4")

153



P213 A

A hardworking saw with the power to rip through most materials.

· Sturdy steel safety cover with industrial durability.
· Bevel cuts up to 50degrees.
· Flat-end motorhousing for easy blade changes.
· 5902B : Features rigid aluminum base.





● Carbide-tipped saw blade, Wrench, Rip fence (guide rule)

Continuous rating Input	*2,000W*
Max cutting capacity	*at 0 degrees : 85mm (3-3/8")*
	at 45 degrees : 60mm (2-3/8")
	at 50 degrees : 53mm (2-1/16")
Blade diameter	*235mm (9-1/4")*
No load speed (rpm)	*4,100*
Overall length	*380mm (15")*
Net weight	*5902B : 6.8kg (15.1lbs)*
	N5900B : 7.2kg (15.9lbs)
Power supply cord	*2.5m (8.2ft)*

Circular Saw

5104S 260mm / 270mm (10-1/4" / 10-5/8")

203



SUPER JOINT SYSTEM SJS

P213 A

Ingenious structure and high power.

- Large ejection port for effective chip/sawdust exhaust.
- Rigid Aluminum Base provides smooth cutting because of toughness, bend resistance and lightweight.
- Large carrying handle for easy transport to job site.
- 5104S : Electronic soft start suppresses start-up reaction.



Continuous rating Input	*2,100W*
Max cutting capacity	*at 0 degrees : 95 / 100mm (3-3/4 / 3-15/16")*
	at 45 degrees : 69 / 73mm (2-3/4 / 2-7/8")
Blade diameter	*260 / 270mm (10-1/4 / 10-5/8")*
No load speed (rpm)	*3,800*
Dimensions (L x W x H)	*405x315x323mm (16"x12-3/8"x12-3/4")*
Net weight	*9.2kg (20.3lbs)*
Power supply cord	*2.5m (8.2ft)*

● Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Circular Saw

5104 260mm / 270mm (10-1/4" / 10-5/8")

203



P213 A

Ingenious structure and high power.

- Large ejection port for effective chip/sawdust exhaust.
- Rigid Aluminum Base provides smooth cutting because of toughness, bend resistance and lightwight.
- Large carrying handle for easy transport to job site.



Continuous rating Input	*1,700W*
Max cutting capacity	*at 0 degrees : 95 / 100mm (3-3/4 / 3-15/16")*
	at 45 degrees : 69 / 73mm (2-3/4 / 2-7/8")
Blade diameter	*260 / 270mm (10-1/4 / 10-5/8")*
No load speed (rpm)	*3,800*
Dimensions (L x W x H)	*405x315x323mm (16"x12-3/8"x12-3/4")*
Net weight	*9.2kg (20.3lbs)*
Power supply cord	*2.5m (8.2ft)*

● Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Circular Saw

5201N 260mm (10-1/4")

153



P213 A

Ideal for cutting large dimensional lumber cleanly and accurately in a single pass.



Continuous rating Input	*1,750W*
Max cutting capacity	*at 0 degrees : 97mm (3-3/4")*
	at 45 degrees : 64mm (2-1/2")
Blade diameter	*260mm (10-1/4")*
No load speed (rpm)	*3,700*
Overall length	*445mm (17-1/2")*
Net weight	*8.0kg (17.5lbs)*
Power supply cord	*5.0m (16.4ft)*

● Combination saw blade, Wrench, Hex wrench, Rip fence (guide rule)

Circular Saw

5103R 270mm (10-5/8")

203



SUPER JOINT SYSTEM SJS

P213 A

Soft-start feature enables smooth start-up.

- Designed for all-round easier operation.
- Easier, more efficient chip / sawdust ejection.
- With anti kickback riving knife.



Continuous rating Input	*2,100W*
Max cutting capacity	*at 0 degrees : 100mm (3-15/16")*
	at 45 degrees : 73mm (2-7/8")
Blade diameter	*270mm (10-5/8")*
No load speed (rpm)	*3,800*
Overall length	*442mm (17-3/8")*
Net weight	*9.4kg (20.7lbs)*
Power supply cord	*2.5m (8.2ft)*

● Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Circular Saw

5143R 355mm (14")

203



SUPER JOINT SYSTEM SJS

P213 A

Designed for all-round easier operation.

- Easier, more efficient chip / sawdust ejection.
- With anti kickback riving knife.



Continuous rating Input	*2,200W*
Max cutting capacity	*at 0 degrees : 130mm (5-1/8")*
	at 45 degrees : 90mm (3-1/2")
Blade diameter	*355mm (14")*
No load speed (rpm)	*2,700*
Overall length	*607mm (23-7/8")*
Net weight	*14.0kg (30.9lbs)*
Power supply cord	*5.0m (16.4ft)*

● Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Sawing

Circular Saw — 5103N 335mm (13-1/8")

153



P213 A

Huge cutting capacity with efficient control.

· Sturdy, rugged performer.



Continuous rating Input	1,750W
Max cutting capacity	at 0 degrees : 128mm (5")
	at 45 degrees : 91mm (3-5/8")
Blade diameter	335mm (13-1/8")
No load speed (rpm)	2,900
Overall length	505mm (19-7/8")
Net weight	10.6kg (23.4lbs)
Power supply cord	5.0m (16.4ft)

● Combination saw blade, Wrench, Hex wrench, Rip fence (guide rule)

Circular Saw — 5402 415mm (16-5/16")

153



P213 A

The biggest portable ever.

· Yet, surprisingly lightweight for easy operation.
· Cuts 157mm (6-3/16") at 90 degrees and 106mm (4-3/16") at 45 degrees.



Continuous rating Input	1,750W
Max cutting capacity	at 0 degrees : 157mm (6-3/16")
	at 45 degrees : 106mm (4-3/16")
Blade diameter	415mm (16-5/16")
No load speed (rpm)	2,200
Overall length	615mm (24-1/4")
Net weight	13.6kg (30.0lbs)
Power supply cord	5.0m (16.4ft)

● Combination saw blade, Wrench, Hex wrench, Rip fence (guide rule)

Circular Saw — 5402NA 415mm (16-5/16")

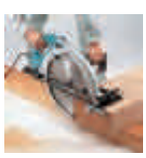
203



P213 A

Low noise level (only 87dB) for comfortable operation.

· Powerful motor for heavy-duty applications.
· The blade stabilizer for blade rotation without wobbling.
· Features electric brake for maximum productivity.



Continuous rating Input	1,650W
Max cutting capacity	at 0 degrees : 158mm (6-1/4")
	at 45 degrees : 106mm (4-3/16")
Blade diameter	415mm (16-5/16")
No load speed (rpm)	2,200
Overall length	616mm (24-1/4")
Net weight	14.6kg (32.1lbs)
Power supply cord	5.0m (16.4ft)

● Carbide-tipped saw blade, Hex wrench, Rip fence (guide rule)

Plunge Cut Circular Saw — SP6000 165mm (6-1/2")

303



P213 A

High accurate, clean cutting.

· Tip-resistant design.
· Depth stopper enables to easily cut a preliminary groove at a depth of 2mm (1/16") for splinter-free cuts.
· The position of cutting line is always the same regardless of bevel angle in cutting with guide rail attached.
· Close-to-wall cutting only 18mm (11/16") away from wall at minimum.
· Bevel cut -1 to 48 degrees.



Continuous rating Input	1,300W
Max cutting capacity	at 0 degrees : 56mm (2-3/16")
	at 45 degrees : 40mm (1-9/16")
	at 48 degrees : 38mm (1-1/2")
Blade diameter	165mm (6-1/2")
No load speed (rpm)	2,000 - 5,800
Dimensions (L x W x H)	341x225x250mm (13-3/8"x8-7/8"x9-7/8")
Net weight	4.4kg (9.7lbs)
Power supply cord	2.5m (8.2ft)

● Carbide-tipped saw blade, Hex wrench, Guide rule

Jig Saw — 4350FCT / 4350CT

419



P213 B

Toolless blade change system. (with electronic control + speed dial)

· Electronic speed control maintains consistent speed set for various workpiece.
· 3 orbital settings plus straight cut.
· 4350FCT : Built-in LED job light for easy tracing of cutting line.
· Plastic Cover Plate can be attached without tool.
· Low vibration and low noise level.



Continuous rating Input	720W
Capacity	Wood : 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	800 - 2,800
Dimensions (L x W x H)	236x73x207mm (9-1/4"x 2-7/8"x 8-1/8")
Net weight	2.6kg (5.7lbs)
Power supply cord	2.5m (8.2ft)

▼4350FCT

● Blade set (No. B-10, BR-13, B-22; 2 each), Hex wrench, Cover plate, Anti-splintering device

Jig Saw — 4350T

419



P213 B

Toolless blade cramp for quick and easy blade replacement.

- Superior cutting performance.
- 3 orbital settings plus straight cut.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Plastic Cover Plate can be attached without tool.
- Low vibration and low noise level.



Continuous rating Input	580W
Capacity	Wood : 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	2,800
Dimensions (L x W x H)	236x73x207mm (9-1/4"x 2-7/8"x 8-1/8")
Net weight	2.6kg (5.7lbs)
Power supply cord	2.5m (8.2ft)

● Jig saw blade set (No. B-10, BR-13, B-22; 2 each), Hex wrench, Cover plate, Anti-splintering device

Jig Saw — 4351FCT / 4351CT

419



P213 B

Toolless blade change system. (with electronic control + speed dial)

- Electronic speed control maintains consistent speed set for various workpiece.
- 3 orbital settings plus straight cut.
- 4351FCT : Built-in LED job light for easy tracing of cutting line.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Low vibration and low noise level.



▼4351FCT

Continuous rating Input	720W
Capacity	Wood : 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	800 - 2,800
Dimensions (L x W x H)	271x73x187mm (10-11/16"x 2-7/8"x 7-3/8")
Net weight	2.5kg (5.5lbs)
Power supply cord	2.5m (8.2ft)

● Blade set (No. B-10, BR-13, B-22; 2 each), Hex wrench, Cover plate, Anti-splintering device

Jig Saw — 4351T

419



P213 B

Toolless blade cramp for quick and easy blade replacement.

- 3 orbital settings plus straight cut.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Plastic Cover Plate can be attached without tool.
- Bevel cut 0 to 45 degrees left or right.
- Low vibration and low noise level.



Continuous rating Input	580W
Capacity	Wood : 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	2,800
Dimensions (L x W x H)	271x73x187mm (10-11/16"x 2-7/8"x 7-3/8")
Net weight	2.5kg (5.5lbs)
Power supply cord	2.5m (8.2ft)

● Blade set (No. B-10, BR-13, B-22; 2 each), Hex wrench, Cover plate, Anti-splintering device

Jig Saw — JV0600

64



P213 B

Powerful and Maneuverable.

- Toolless blade clamp.
- Best possible ergonomic handle.
- Aluminum support housing.
- Change lever for 3 orbital settings and straight cutting.
- Connectable to Vacuum cleaner using optional Hose.



Continuous rating Input	650W
Capacity	Wood : 90mm (3-1/2")
	Steel : 10mm (3/8")
Length of stroke	23mm (7/8")
Strokes per minute (spm)	500 - 3,100
Dimensions (L x W x H)	236x77x199mm (9-1/4"x3"x7-7/8")
Net weight	2.4kg (5.2lbs)
Power supply cord	2.5m (8.2ft)

● Jig saw blade, Hex wrench

Jig Saw — 4329

64



P213 B

High power and Lightweight.

- 3 orbital settings and straight cutting.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Dust Cover prevents scattering of tips.
- Quiet and less vibration.
- 4329 : Aluminum die-cast base.



Continuous rating Input	450W
Capacity	Wood : 65mm (2-9/16")
	Steel : 6mm (1/4")
Length of stroke	18mm (11/16")
Strokes per minute (spm)	500 - 3,100
Dimensions (L x W x H)	224x77x197mm (8-7/8"x3"x7-3/4")
Net weight	1.9kg (4.2lbs)
Power supply cord	2.0m (6.6ft)

● Jig saw blade, Hex wrench

Sawing

Jig Saw — 4328

64



P213 B

High power and Lightweight.

- 3 orbital settings and straight cutting.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Dust Cover prevents scattering of tips.
- Quiet and less vibration.



Jig saw blade, Hex wrench

Continuous rating Input	450W
Capacity	Wood : 65mm (2-9/16")
	Steel : 6mm (1/4")
Length of stroke	18mm (11/16")
Strokes per minute (spm)	500 - 3,100
Dimensions (L x W x H)	217x77x197mm (8-1/2"x3"x7-3/4")
Net weight	1.8kg (4.0lbs)
Power supply cord	2.0m (6.6ft)

Jig Saw — 4327 / 4326

64



P213 B

High power and Lightweight.

- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Thick blade can also be used.
- Dust Cover prevents scattering of tips.
- Bevel cut 0 to 45 degrees left or right.
- Quiet and less vibration.



▼4327

Jig saw blade, Hex wrench

Continuous rating Input	450W
Capacity	Wood : 65mm (2-9/16")
	Steel : 6mm (1/4")
Length of stroke	18mm (11/16")
Strokes per minute (spm)	4327 : 500 - 3,100
	4326 : 3,100
Dimensions (L x W x H)	224x77x197mm (8-7/8"x3"x7-3/4")
Net weight	1.9kg (4.2lbs)
Power supply cord	2.0m (6.6ft)

Jig Saw — 4300BV / 4300BA

51



P213 B

Long-run best seller, this tool puts performance first.

- Bevel cuts up to 45 degrees right or left.
- Full 26mm (1") stroke length.
- 4300BV : Variable speed feature.



▼4300BV

Jig saw blade set (No. 1, 2 & 3 : 2 each), Rip fence (guide rule), Circular guide assembly, Blade clamp assembly, Hex wrench

Continuous rating Input	390W
Capacity	Wood : 55mm (2-1/8")
	Steel : 6mm (1/4")
Length of stroke	26mm (1")
Strokes per minute (spm)	4300BV : 0-3,100
	4300BA : 3,100
Overall length	225mm (8-7/8")
Net weight	4300BV : 2.5kg (5.5lbs)
	4300BA : 2.4kg (5.3lbs)
Power supply cord	2.5m (8.2ft)

Scroll Saw — SJ401



Bevel cuts up to 45 degrees to the left and 15 degrees to the right.

- Tool-free blade change system.
- Quick adjustment of blade tension thanks to blade tension lever.
- Sturdy cast iron base for stability and less-vibration cutting.



Saw blade x6, Hex wrench, Blade change rod

Continuous rating Input	50W
Capacity	Thickness of cut : 50mm (2")
	Throat : 406mm (16")
Length of stroke	18mm (11/16")
Strokes per minute (spm)	400-1,600
Overall length	600mm (23-5/8")
Net weight	14.1kg (31lbs)

Band Saw — LB1200F



P213 C

High efficiency.

- Job light is convenient in dark place.
- Easy to replace band saw blade by one touch lever.
- Dust box is provided.
- Easy move with casters.



Band saw blades, Rip fence, Angle rule, Push stick, Nozzle 93, Hex wrench

Continuous rating Input	900W
Capacity	Thickness of cut : 165mm (6-1/2")
	Throat : 305mm (12")
Blade speed	Hi : (50Hz)800 (60Hz)1,000m
	((50Hz)2,624 (60Hz) 3,280ft) / min
	Lo : (50Hz)400 (60Hz)500m
	((50Hz)1,312 (60Hz) 1,640ft) / min
Dimensions (L x W x H)	615x775x1,600mm (24-1/4"x30-1/2"x63")
Net weight	81.2kg (179.0lbs)
Power supply cord	2.5m (8.2ft)

Accessories

A Slide Compound Saw, Table Saw, Circular Saw Page 404

Saw blade





B Jig Saw Page 457

Jig Saw blade





C Band Saw Page 457

Band saw blade





Ring

(For 5/8" = 15.88 mm spindle)



*With milled edge.

Outer Dia. (mm)	Hole Dia. (mm)	Thickness (mm)	Per pkg.	Part No.
20	15.88	1.2	1	*B-20987
20	15.88	1.6	1	257019-2
20	15.88	1.8	1	*B-20993
25	15.88	4	1	257022-3
25.4	15.88	4	1	257060-5
30	15.88	1.2	1	*B-21004
30	15.88	1.8	1	*B-21010
30	15.88	3	10	A-87270
30	20	1.2	1	*B-21026
30	20	1.4	1	*B-21032
30	20	1.8	1	*B-21048
30	25	1.6	1	*B-21054
30	25.4	1.4	1	*B-21060
30	25.4	2.2	1	*B-21076

Holder set

A: Holder 2pc, Thumb screw 2pc

B: Holder 2pc, Thumb screw 3pc, Set plate 1pc



Model No.	Type	Part No.
LS1016/F/FL/L, LS1216/F/FL/L	A	195240-4
LS0714/F/FL/L, LS1030N, LS1040/F, LS1212, LH1040/F, BLS713	A	192621-3
LS1440	B	191239-7
LS1045	A	192714-6
LS1220, LS1221	A	192673-4
LS1011N	B	192118-2

Vertical vise assembly & Horizontal vise assembly

Vertical vise assembly



Horizontal vise assembly



Description	Model No.	Part No.
Vertical vise assembly	LS0714/F/FL/L, BLS713	122571-8
	LS1013/F/L/FL	122538-6
	LS1212, LS1030N, LS1220, LS1221, LS1214/F/L/FL	192672-6
	LS1045, LH1040/F	192625-5
	LS1040/F, LS1030	122536-0
	LS1016/F/FL/L, LS1216/F/FL/L	122854-6
	LS1440	196041-3
Horizontal vise assembly	LS0714/F/FL/L, BLS713	122567-9
	LS1220, LS1221, LS1016/F/FL/L, LS1214/F/L/FL, LS1013/F/L/FL	122470-4
	LS1216/F/FL/L, LS1017L, LS1018L	122930-6
	LS1045, LS1040/F, LH1040/F, LS1030N, LS1440	122563-7

Crown molding stopper set





Model No.	Part No.
LS1045, LS1040/F, LH1040/F, LS1030N	192622-1
LS1220 ,LS1221, LS1016/F/FL/L	192669-5
LS1216/F/FL/L	195253-5

Accessories

Sub plate



Model No.	Part No.
LS1040/ F	193471-9
LH1040/ F	122716-8

Set plate

(For uniform cutting width)



Model No.	Part No.
LS0714/F/FL/L ,LS1212, LS1030N, LS1040/F, LS1045, LH1040/F, BLS713	122472-0
LS1220,LS1221	122551-4

Sub fence complete

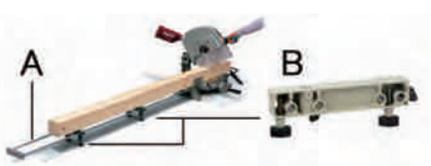


Model No.	Part No.
LS1013/F/L/FL, LS1214/F/L/FL	194002-7

Holder assembly

Use 2 Rod 12 (256812-1) and Holder assembly for supporting long stock. See below.

A : Rod 12 (Length 2.1 m), B:Holder assembly



Model No.	Part No.
LS0714/F/FL/L, LS1011N, BLS713	192713-8
LS1030N, LS1040/F, LS1045, LH1040/F	122446-1
LS1212, LS1220, LS1221	192671-8

Fluorescent light set



Model No.	Part No.
LS0714F/FL, LS1013F/FL, LS1040F, LS1214F/FL	193730-1

Guide rule





(Rip fence)

Model No.	Part No.
5005BA, 5007F/FA/NB/NH/NL/MG/MGA, 5057KB, 5600NB, 5606B, 5604R, 5008B/F/FA/NBA/MG/MGA, 5704R, 5740NB, 5800NB, 5806B/NH, HS7100, HS7000, HS7601, HS7601, HS7101, HS6100, HS6101	164095-8
5603R, 5017RKB, 5703R, 5705R	165108-8
5037NB/NBA	165152-5
5900B, 5901B, 5902B	164021-7
N5900B, 5901B, 5902B	164367-1
5903R, 5103R, 5104, 5104S	165084-6
5103N, 5201N/NA, 5401N, 5402/NA	164019-4
5277NB, 5377MG, 5477NB	165153-3
SP6000	165447-6

Rip fence assembly



Model No.	Part No.
2702, 2703	122556-4
2704, 2705	122740-1
LH1040/F	122707-9
LF1000	122729-9

Angle rule assembly (Miter gauge)

*Sliding guide



Model No.	Part No.
2702, 2703	122555-6
2704	122735-4
2705	122838-4
*2704, 2705	194241-9
LF1000	122730-4

Accessories

Stand: A

1





2





No.	Model No.	Part No.
1	2702, 2703, 2704,2705	194093-8
2	MLT100,2702,2703	JM27000300

Stand: B





For Model	Part No.
All Slide Compound saw, Miter saw	194043-3

Stand: C

194943-7







WST06









For Model	Part No.
All Slide Compound saw, Miter saw	194943-7
All Slide Compound saw, Miter saw	WST06

Stand: D







For Model	Part No.
All Slide Compound saw, Miter saw and Table Top Miter Saw	WST05

Sub table & Stand set

A: Sub table L, B: Stand set, C: Sub table R



Model No.	Description	Part No.
2702 2703	Sub table (L) set	192798-4
	Sub table (R) set	192797-6
	Stand set	193920-6

A: Rear extension table, B:Left extension table



Model No.	Description	Part No.
2704 2705	Rear Extension Table	194087-3
	Left Extension Table	194086-5



Accessories

Guide rail





Overall length (m)	Part No.
1.4	194368-5
1.9	194925-9
3	194367-7

Clamp set

(Use with Guide rail)





Part No.
194385-5

Bevel guide set

Adjustable angle of Guide Rail





Part No.
194433-0

Guide rail adapter

(Use with Guide rail)





Model No.	Part No.
5603R, 5703R, 5705R	192505-5
5903R	192506-3
5103R	192507-1
4350T/CT/FCT, 4351T/CT/FCT, BJV140, BJV180	193517-1
BHS630, HS7100, HS7101, HS6100, HS6101, 4350T/CT/FCT, 4351T/CT/FCT, BJV140, BJV180, DJV141, DJV142, DJV181, DJV182	195839-5
DHS680	196953-0
HS7601	197005-0

Guide rule

(Rip fence)

A:Guide rule & circular guide set, B:Circular guide assembly

Guide rule



Circular guide assembly





Model No.	Type	Part No.
4300BA, 4300BV	-	164113-2
4326/M, 4327/M, 4328, 4329, JV0600, JV100D, JV143D, JV183D	A	192732-4
4331D, 4333D, 4334D	-	192424-5
4350T/CT,/FCT, 4351T/CT/FCT, BJV140, BJV180, DJV141, DJV181, DJV142, DJV182,	A	193516-3
4300BA, 4300BV, 4301SB	B	123030-5
4331D, 4333D, 4334D	B	192561-5

Blade clamp assembly

(For use of 6.35mm universal shank blades)



Model No.	Part No.
4300BA, 4300BV	132276-260

Dust nozzle

(Vacuum head)

Please see Suction system chart.





Model No.	Part No.
4331D, 4333D, 4334D	192547-9
4350T/CT/FCT, 4351T/CT/FCT, BJV140, BJV180	417853-4
DJV141, DJV181, DJV142, DJV182	126331-0

Protector

(Transparent cover in front of blade)



Model No.	Part No.
4331D, 4333D, 4334D	415887-1

Accessories

Anti-splintering device

(For cleaner cuts)



Model No.	Part No.
BJV140, BJV180, DJV141, DJV181, DJV142, DJV182, 4331D, 4333D, 4334D, 4328, 4329, 4350T/CT/FCT, 4351T/CT/FCT, JV0600, JV100D, JV413D, JV183D	192557-6
4326, 4327, 4328	192733-2

Cover plate



Model No.	Part No.
4331D, 4333D, 4334D	413068-1
4326, 4327, 4329, 4350T/CT/FCT, 4351T/CT/FCT, BJV140, BJV180, DJV141, DJV181, DJV142, DJV182, JV0600, JV100D, JV143D, JV183D	417852-6

Extension table set



Model No.	Part No.
LB1200F	JM21000300

Circular cutting attachment set





Model No.	Part No.
LB1200F	JM21000320

Belt sanding attachment set

Use a sanding belt that is 2240 mm long and 20 mm wide or less.





Model No.	Part No.
LB1200F	JM21000330





PRODUCTS

PLANING / ROUTERING



- Double Insulation
- Variable Speed
- Brake
- Constant Speed
- Soft Start
- Dust Collecting
- Built-in Job Light
- Wooden Carrying Case
- Carrying Case

Power Planer

1600 80mm (3-1/8")

100

Powerful motor in rugged aluminum body.

· With an optional edge fence, also provides fine bevel planing at 32,000 cuts per minute.





Continuous rating Input	*750W*
Planing width	*80mm (3-1/8")*
Planing depth	*3mm (1/8")*
No load speed (rpm)	*16,000*
Overall length	*375mm (14-3/4")*
Net weight	*5.3kg (11.8lbs)*
Power supply cord	*5.0m (16.4ft)*

Sharpening holder assembly, Triangular rule, Socket wrench, Planer blade

P227 A

Power Planer

KP0810C 82mm (3-1/4")

132

Quiet drive and Lightweight design yet powerful.

· Chip ejection switchable to either side depending on conditions.
· Ergonomically designed handle with rubberized soft grip provides more control and comfort.
· Front base with 3 chamfering grooves.
· Foot on base protects workpiece from scratches and damages.
· Precise depth adjustment knob.





Continuous rating Input	*1,050W*
Planing width	*82mm (3-1/4")*
Planing depth	*4mm (5/32")*
No load speed (rpm)	*12,000*
Dimensions (L x W x H)	*290x168x176mm (11-3/8"x6-5/8"x6-15/16")*
Net weight	*3.4kg (7.5lbs)*
Power supply cord	*2.5m (8.2ft)*

Shiplapping : 25mm (1")

Blade gauge assembly, Depth guide, Guide rule, Planer blade, Socket wrench

P227 A

Power Planer

KP0810 82mm (3-1/4")

132

Lightweight design for easy handling.

· Chip ejection switchable to either side depending on conditions.
· Ergonomically designed handle with rubberized soft grip provides more control and comfort.
· Front base with 3 chamfering grooves.
· Foot on base protects workpiece from scratches and damages.
· Precise depth adjustment knob.





Continuous rating Input	*850W*
Planing width	*82mm (3-1/4")*
Planing depth	*4mm (5/32")*
No load speed (rpm)	*16,000*
Dimensions (L x W x H)	*290x168x176mm (11-3/8"x6-5/8"x6-15/16")*
Net weight	*3.3kg (7.3lbs)*
Power supply cord	*2.5m (8.2ft)*

Shiplapping : 25mm (1")

Blade gauge assembly, Depth guide, Guide rule, Planer blade, Socket wrench

P227 A

Power Planer

1100 82mm (3-1/4")

100

Field-proven, reliable performance from handy and lightweight body.

· Wide swath of 82mm (3-1/4"), long rear shoe and handy edge fence.





Continuous rating Input	*750W*
Planing width	*82mm (3-1/4")*
Planing depth	*3mm (1/8")*
No load speed (rpm)	*16,000*
Overall length	*415mm (16-3/8")*
Net weight	*5.1kg (11.2lbs)*
Power supply cord	*5.0m (16.4ft)*

Shiplapping : 20mm (3/4")

Sharpening holder assembly, Blade gauge assembly, Socket wrench, Planer blade, Edge fence (guide rule)

P227 A

Power Planer

N1923B 82mm (3-1/4")

51

Ideal for shiplapping cuts.

· Lightweight and excellent balance.
· Can be used with both standard planer blades and double-edged mini blades.
· Simple blade setting system for fast blade installation.





Continuous rating Input	*600W*
Planing width	*82mm (3-1/4")*
Planing depth	*1mm (1/32")*
No load speed (rpm)	*16,000*
Overall length	*293mm (11-1/2")*
Net weight	*3.1kg (6.8lbs)*
Power supply cord	*2.5m (8.2ft)*

Shiplapping : 23mm (29/32")

Sharpening holder assembly, Blade gauge assembly, Socket wrench, Planer blade, Edge fence (guide rule)

P227 A

Items of standard equipment and specifications may vary by country or area.

Planing / Routering

Power Planer — KP0800 82mm (3-1/4")

411

Angle and shape of handle are easy to grip, push and carry.

· Precise planning depth setting by adjustment knob with click stops.
· Deep planning.





Continuous rating Input	620W
Planing width	82mm (3-1/4")
Planing depth	2.5mm (3/32")
No load speed (rpm)	17,000
Dimensions (L x W x H)	285x158x158mm (11-1/4"x6-1/4"x6-1/4")
Net weight	2.6kg (5.7lbs)
Power supply cord	2.5m (8.2ft)

Shiplapping : 9mm (11/32")

P227 A

● Planer blade, Blade gauge assembly, Guide rule, Socket wrench, Dust nozzle

Power Planer — N1900B 82mm (3-1/4")

51

High power-to-weight ratio for superior performance.

· Can be used with both standard planer blades and double-edged mini blades.
· Simple blade setting system for fast blade installation.





Continuous rating Input	580W
Planing width	82mm (3-1/4")
Planing depth	1mm (1/32")
No load speed (rpm)	16,000
Overall length	290mm (11-3/8")
Net weight	2.8kg (6.1lbs)
Power supply cord	2.5m (8.2ft)

Shiplapping : 9mm (11/32")

P227 A

● Sharpening holder assembly, Blade gauge assembly, Socket wrench, Planer blade, Edge fence (guide rule)

Power Planer — 1911B 110mm (4-3/8")

106

Planes up to 110mm (4-3/8") wide and 2mm (1/16") deep in a single pass.

· Powerful motor in compact and lightweight body.





Continuous rating Input	840W
Planing width	110mm (4-3/8")
Planing depth	2mm (1/16")
No load speed (rpm)	16,000
Overall length	355mm (14")
Net weight	4.3kg (9.5lbs)
Power supply cord	5.0m (16.4ft)

P227 A

● Sharpening holder assembly, Blade gauge assembly, Socket wrench, Planer blade

Power Planer — 1804N 136mm (5-3/8")

153

Rugged aluminum housing and easy depth settings.

· Planes up to 136mm (5-3/8") wide and 3mm (1/8")deep in a single pass.
· Precision machined aluminum base for planing accuracy.





Continuous rating Input	960W
Planing width	136mm (5-3/8")
Planing depth	3mm (1/8")
No load speed (rpm)	16,000
Overall length	445mm (17-1/2")
Net weight	7.9kg (17.4lbs)
Power supply cord	5.0m (16.4ft)

P227 A

● Sharpening holder assembly, Blade gauge assembly, Socket wrench, Planer blade

Power Planer — 1805N 155mm (6-1/8")

153

Rugged aluminum housing and easy depth settings.

· Planes up to 155mm (6-1/8") wide and 2mm (1/16") deep in a single pass.
· Precision machined aluminum base for planing accuracy.





Continuous rating Input	1,140W
Planing width	155mm (6-1/8")
Planing depth	2mm (1/16")
No load speed (rpm)	15,000
Overall length	445mm (17-1/2")
Net weight	8.2kg (18.0lbs)
Power supply cord	5.0m (16.4ft)

P227 A

● Sharpening holder assembly, Blade gauge assembly, Socket wrench, Planer blade

Planer

KP312S / KP312 312mm (12-1/4") 203



Planes up to 312mm (12-1/4") wide stock at a single pass.

Continuous rating Input	*KP312S : 2,200W*
	KP312 : 1,700W
Cutting width	*312mm (12-1/4")*
Cutting depth	*Cutting width 0-150 mm : 3.5mm (1/8")*
	Cutting width 150-240 mm : 2.0mm (1/16")
	Cutting width 240-312 mm : 1.5mm (1/16")
No load speed (rpm)	*12,000*
Overall length	*551mm (21-3/4")*
Net weight	*18.4kg (40.6lbs)*
Power supply cord	*10m (33ft)*



▼KP312S

● Triangular rule, Nozzle assembly, Joint 70, Wrench

➔P227 A

Planer

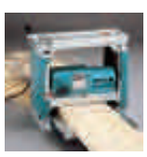
2012NB 304mm (12") 153



Compact and lightweight for easier transport.

· Unique feeding mechanism assures smoother finish with minimal snip on stock.
· 4-post design and diagonal cross supports for stability.

Continuous rating Input	*1,650W*
Cutting width	*304mm (12")*
Cutting depth	*Cutting width 0-150 mm : 3mm (1/8")*
	Cutting width 150-240 mm : 1.5mm (1/16")
Feed rate/min.	*8.5m (27.9ft)*
Table size (W x L)	*304 x 771mm (12" x 30-3/8")*
No load speed (rpm)	*8,500*
Dimensions (L x W x H)	*483x771x401mm (19"x30-3/8"x15-13/16")*
Net weight	*28.1kg (61.9lbs)*
Power supply cord	*2.5m (8.2ft)*



● Socket wrench, Hex wrench, Magnetic holder x2

➔P227 A

Curved Planer

1002BA 110mm (4-3/8") 153



For even stock removal over dips and rises in wood materials.

· Radial cuts possible to 300mm (11-13/16") in concave planing.

Continuous rating Input	*1,050W*
Planing width	*110mm (4-3/8")*
Planing depth	*4mm (5/32")*
Max. curved radial cuts	*Concave : 300mm (11-13/16")*
No load speed (rpm)	*15,000*
Overall length	*339mm (13-5/16")*
Net weight	*5.2kg (11.4lbs)*
Power supply cord	*5.0m (16.4ft)*



● Sharpening holder assembly, Blade gauge assembly, Socket wrench, Planer blade

➔P227 A

Groove Cutter

3501N 153



Hand-held combination of groover/circular saw for multiple grooving, dadoing, notching, rabbeting.

· Powerful motor, easy depth adjustment.

Continuous rating Input	*1,160W*
Max. cutter blade size	*Dia. x Width : 120x36mm (4-3/4"x1-3/8")*
Max. cutting depth	*Cutter / Saw : 30mm (1-1/8") / 65mm (2-1/2")*
No load speed (rpm)	*6,500*
Overall length	*365mm (14-3/8")*
Net weight	*7.2kg (15.8lbs)*
Power supply cord	*5.0m (16.4ft)*

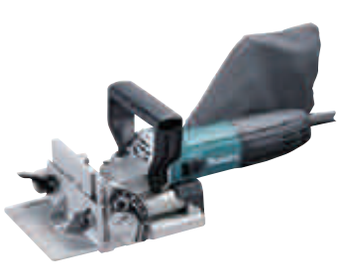


● Shiplapping scale assembly, Rip fence (guide rule), Dressing stone, Wrench x2, Saw blade, Screwdriver, Cutter blade

➔P227 B

Plate Joiner

PJ7000 459



Compact and lightweight design for high maneuverability and easy handling.

· New design with cast aluminum parts in silver and slim motor housing with an extra-ergonomic barrel grip.
· New top handle with flat shape on side surface for excellent tool control.

Continuous rating Input	*701W*
Blade diameter	*100mm (4")*
No load speed (rpm)	*11,000*
Dimensions (L x W x H)	*302x139x145mm (11-7/8"x5-1/2"x5-3/4")*
Net weight	*2.5kg (5.6lbs)*
Power supply cord	*2.5m (8.2ft)*



● Cutter blade, Angle guide, Dust bag, Set plate, Lock nut wrench

➔P227 C

Planing / Routering

Trimmer — RT0700C 6mm (1/4"), 8mm (3/8")

411



P227

Aluminum housing and base for higher durability and accuracy.

- Able to meet a wide range of needs with the motor unit and the following various attachments (Trimmer base, Plunge base, Tilt base, Offset base).
- Flat-top design and Horizontally installed power supply cord provides stability for easier bit change.
- Cutting speed is variably adjustable to suit applications and workpiece materials.



Continuous rating Input	710W
Capacity	Collet : 6mm, 8mm or 1/4", 3/8"
No load speed (rpm)	10,000-30,000
Dimensions (L x W x H)	89x89x200mm (3-1/2"x3-1/2"x7-7/8")
Net weight	1.8kg (3.9lbs)
Power supply cord	2.5m (8.2ft)

● Trimmer base assembly, Straight guide, Collet cone x2, Wrench x2

Trimmer — 3709 6mm (1/4")

411



P227

Smooth and precision depth adjustment with rack and pinion mechanism.

- Rubberized soft grip provides comfort and control.
- Transparent plastic base for clear view of trimming edge.



Continuous rating Input	530W
Capacity	Collet : 6mm or 1/4"
No load speed (rpm)	30,000
Dimensions (L x W x H)	82x90x199mm (3-1/4"x3-1/2"x7-7/8")
Net weight	1.5kg (3.3lbs)
Power supply cord	2.5m (8.2ft)

● Trimmer guide assembly, Straight guide assembly, Template guide, Straight bit, Wrench x2, Collet cone (6mm or 1/4"), Chip deflector

Trimmer — 3707FC 6mm (1/4")

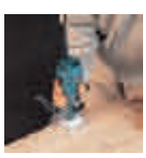
411



P227

Ergonomically enhanced slim body for superior handling and reduced operator fatigue.

- Rubber roller for easy and precise depth adjustment.
- Built-in LED job light.



Continuous rating Input	500W
Capacity	Collet : 6mm or 1/4"
No load speed (rpm)	26,000
Overall height	204mm (8")
Net weight	1.3kg (2.8lbs)
Power supply cord	2.5m (8.2ft)

● Trimmer guide assembly, Straight guide assembly, Template guide, Straight bit (carbide-tipped), Wrench x2

Trimmer — 3707F / 3707 6mm (1/4")

411



P227

Ergonomically enhanced slim body for superior handling and reduced operator fatigue.

- Rubber roller for easy and precise depth adjustment.
- 3707F : Built-in LED job light.



Continuous rating Input	440W
Capacity	Collet : 6mm or 1/4"
No load speed (rpm)	35,000
Overall height	204mm (8")
Net weight	3707F : 1.2kg (2.7lbs) 3707 : 1.2kg (2.6lbs)
Power supply cord	2.5m (8.2ft)

▼3707F

● Trimmer guide assembly, Straight guide assembly, Template guide, Straight bit (carbide-tipped), Wrench x2

Trimmer — N3701 6mm (1/4")

51



P227

Transparent acrylic base for clear view of trimming area and sight line.

- Optimum for close quarters thanks to its short height 220mm (8-5/8").



Continuous rating Input	440W
Capacity	Collet : 6mm or 1/4"
No load speed (rpm)	30,000
Overall height	181mm (7-1/8")
Net weight	1.6kg (3.4lbs)
Power supply cord	2.5m (8.2ft)

● Trimmer guide assembly, Straight guide assembly, Template guide, Straight bit (carbide-tipped), Wrench x2

Trimmer

3710 6mm (1/4") 411



P227

Smooth and precision depth adjustment with rack and pinion mechanism (adjustable base angle).

· Rubberized soft grip provides comfort and control.
· Transparent plastic base for clear view of trimming edge.
· 0 - 45 degree tilt base.



Continuous rating Input	530W
Capacity	Collet : 6mm or 1/4"
No load speed (rpm)	30,000
Dimensions (L x W x H)	102x122x302mm (4"x4-13/16"x11-7/8")
Net weight	1.6kg (3.6lbs)
Power supply cord	2.5m (8.2ft)

● Trimmer guide assembly, Straight guide assembly, Template guide, Straight bit, Wrench x2, Collet cone (6mm or 1/4")

Trimmer

3708FC 6mm (1/4") 411



P227

Ergonomically enhanced slim body for superior handling and reduced operator fatigue.

· Adjustable base angle for easy chamfering.
· Rubber roller for easy and precise depth adjustment.
· 3708FC / 3708F : Built-in LED job light.



Continuous rating Input	500W
Capacity	Collet : 6mm or 1/4"
No load speed (rpm)	26,000
Overall height	308mm (12-1/8")
Net weight	1.3kg (2.9lbs)
Power supply cord	2.5m (8.2ft)

● Trimmer guide assembly, Straight guide assembly, Template guide, Straight bit (carbide-tipped), Wrench x2

Trimmer

3708F / 3708 6mm (1/4") 411



P227

Ergonomically enhanced slim body for superior handling and reduced operator fatigue.

· Adjustable base angle for easy chamfering.
· Rubber roller for easy and precise depth adjustment.
· 3708F : Built-in LED job light.



Continuous rating Input	440W
Capacity	Collet : 6mm or 1/4"
No load speed (rpm)	35,000
Overall height	308mm (12-1/8")
Net weight	3708F : 1.3kg (2.8lbs) 3708 : 1.3kg (2.9lbs)
Power supply cord	2.5m

▼3708F

● Trimmer guide assembly, Straight guide assembly, Template guide, Straight bit (carbide-tipped), Wrench x2

Router (Plunge type)

RP1110C 8mm or 1/4" 303



P227

Powerful motor delivers smooth routing.

· Compact design.
· Fine bit depth adjustment for precise routing.
· Ergonomic soft grip for comfortable operation.
· Shaft lock requires one wrench to change bits.



Continuous rating Input	1,100W
Capacity	Collet : 8mm or 1/4"
Plunge capacity	0 - 57mm (2 - 1/4")
No load speed (rpm)	8,000-24,000
Overall height	260mm (10-1/4")
Net weight	3.4kg (7.5lbs)
Power supply cord	4.0m (13.1ft)

● Template guide, Straight guide, Nozzle, Dust nozzle, Wrench x2

Router (Plunge type)

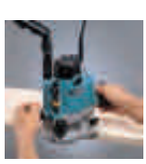
RP0910 8mm or 1/4" 303



P227

Powerful motor delivers smooth routing.

· Compact design.
· Fine bit depth adjustment for precise routing.
· Ergonomic soft grip for comfortable operation.
· Shaft lock requires one wrench to change bits.



Continuous rating Input	900W
Capacity	Collet : 8mm or 1/4"
Plunge capacity	0 - 57mm (2 - 1/4")
No load speed (rpm)	27,000
Overall height	260mm (10-1/4")
Net weight	3.3kg (7.3lbs)
Power supply cord	4.0m (13.1ft)

● Template guide, Straight guide, Nozzle, Dust nozzle, Wrench x2

Planing / Routering

Router (Plunge type)

RP0900 6mm (1/4"), 8mm (3/8")

106



P227

High durability and good design router.

- 0-35mm(0 - 1-1/8") plunge depth capacity with 3 adjustable depth stops for repetitive depth routing.
- Scale level for adjusting the depth of routing.



Continuous rating Input	900W
Capacity	Collet : 6mm, 8mm or 1/4", 3/8"
No load speed (rpm)	27,000
Dimensions (L x W x H)	256x110x217mm (10-3/32"x4-5/16"x8-17/32")
Net weight	2.7kg (6.0lbs)
Power supply cord	2.5m (8.2ft)

● Straight guide, Straight bit, Collet cone x2, Wrenches

Router (Plunge type)

RP2301FC / RP2300FC 12mm (1/2")

203



P227

Powerful motor delivers smooth routing.

- Precise cutting depth adjustment.
- Ergonomically contoured knob style handles fit operator's hands perfectly.
- Twin LED job lights with afterglow function.
- Linear ball bearing for super-smooth plunge action.
- Increased durability obtained by using larger size ball bearing on the drive-end of armature, labyrinth type retainers and fun.



▼RP2301FC



Continuous rating Input	RP2301FC : 2,100W RP2300FC : 2,300W
Capacity	Collet : 12mm or 1/2"
Plunge capacity	0 - 70mm (0 - 2-3/4")
No load speed (rpm)	9,000 - 22,000
Dimensions (L x W x H)	155x294x312mm (6-1/8"x11-5/8"x12-1/4")
Net weight	6.1kg (13.4lbs)
Power supply cord	2.5m (8.2ft)

● Straight guide, Collet cone, Wrench, Screw M6x135

Router (Plunge type)

RP1800F / RP1800 12mm (1/2")

203



P227

Powerful motor delivers smooth routing.

- Precise cutting depth adjustment.
- Ergonomically contoured knob style handles fit operator's hands perfectly.
- RP1800F : Twin LED job lights with afterglow function.
- Linear ball bearing for super-smooth plunge action.
- Increased durability obtained by using larger size ball bearing on the drive-end of armature, labyrinth type retainers and fun.



▼RP1800F



Continuous rating Input	1,850W
Capacity	Collet : 12mm or 1/2"
Plunge capacity	0 - 70mm (0 - 2-3/4")
Base dia.	170mm (6-11/16")
No load speed (rpm)	22,000
Dimensions (L x W x H)	155x294x312mm (6-1/8"x11-5/8"x12-1/4")
Net weight	6.0kg (13.2lbs)
Power supply cord	2.5m (8.2ft)

● Straight guide, Collet cone, Wrench, Screw M6x135

Router (Plunge type)

RP1801F / RP1801 12mm (1/2")

203



P227

Powerful motor delivers smooth routing.

- Precise cutting depth adjustment.
- Ergonomically contoured knob style handles fit operator's hands perfectly.
- RP1801F : Twin LED job lights with afterglow function.
- Linear ball bearing for super-smooth plunge action.
- Increased durability obtained by using larger size ball bearing on the drive-end of armature, labyrinth type retainers and fun.



▼RP1801F



Continuous rating Input	1,650W
Capacity	Collet : 12mm or 1/2"
Plunge capacity	0 - 70mm (0 - 2-3/4")
Base dia.	170mm (6-11/16")
No load speed (rpm)	22,000
Dimensions (L x W x H)	155x294x312mm (6-1/8"x11-5/8"x12-1/4")
Net weight	6.0kg (13.2lbs)
Power supply cord	2.5m (8.2ft)

● Straight guide, Collet cone, Wrench, Screw M6x135

Router (Plunge type)

3612BR 12mm (1/2")

153



P227

Faster, more accurate, more powerful routering.

- Large plunge capacity 0-65mm (0-2-3/8") for easy penetration into or through workpiece.





Continuous rating Input	1,600W
Capacity	Collet : 12mm or 1/2"
Plunge capacity	0 - 65mm (0 - 2-9/16")
Base dia.	160mm (6-1/4")
No load speed (rpm)	23,000
Overall height	287mm (11-1/4")
Net weight	5.5kg (12.0lbs)
Power supply cord	2.5m (8.2ft)

● Trimmer guide, Straight guide, Template guide, Guide holder, Collet sleeve (6mm or 1/4"), Collet sleeve (8mm or 3/8"), Wrench x2, Straight bit (carbide-tipped)

Router

3600H 12mm (1/2")

153



P227 D

Powerful motor delivers 24,000rpm for smooth, clean routing.

· D-handle design with locking trigger switch for operator control and comfort during continuous operation.
· Dial your depth micrometer adjustment.



Continuous rating Input	*1,500W*
Capacity	*Collet : 12mm or 1/2"*
Base dia.	*160mm (6-5/16")*
No load speed (rpm)	*24,000*
Overall height	*210mm (8-1/4")*
Net weight	*4.4kg (9.8lbs)*
Power supply cord	*5.0m (16.4ft)*

● Trimmer guide assembly, Straight guide assembly, Template guide, Collet sleeve (6mm or 1/4"), Collet sleeve (8mm or 3/8"), Wrench, Straight bit (carbide-tipped)

Router (Plunge type)

RP1101 12mm (1/2")

303



P227 D

Powerful 2-1/4 HP motor.

· Incredibly low level noise(81dB) for quieter operation.
· Soft start feature for reduced start-up reaction.
· Practical knob for precision routing depth adjustment.
· Electronic speed control with soft start feature for consistent fine finish.
· Variable speed control dial.



Continuous rating Input	*1,250W*
Capacity	*Collet : 1/2" and 1/4"*
Plunge capacity	*0 - 66mm (2 - 19/32")*
No load speed (rpm)	*8,000-24,000*
Overall height	*291mm (11-1/2")*
Net weight	*4.2kg (9.3lbs)*
Power supply cord	*2.5m (8.2ft)*

● Collet cone (1/2"), Collet cone (1/4"), Wrench x3

Router

RD1101 12mm (1/2")

303



P227 D

Powerful 2HP router with comfortable D-handle design.

· Lock-on featured trigger switch.
· Lower noise level (only 81dB) in its class for comfortable operation.
· Electronic speed control with soft start for consistent fine finish.
· Adjustable speed dial.



Continuous rating Input	*1,100W*
Capacity	*Collet : 1/2" and 1/4"*
Plunge capacity	*0 - 55mm (0 - 2-3/16")*
No load speed (rpm)	*8,000-24,000*
Overall height	*223mm (8-3/4")*
Net weight	*3.3kg (7.3lbs)*
Power supply cord	*2.5m (8.2ft)*

● Collet cone (1/2"), Collet cone (1/4"), Wrench x2

Router

RF1101 12mm (1/2")

303



P227 D

Powerful 2HP Electronic Router for professionals.

· Slim body for better Control of tool.
· Lower noise level (only 81dB) in its class for comfortable operation.
· Electronic speed control with soft start feature for consistent fine finish.
· Adjustable speed dial.



Continuous rating Input	*1,100W*
Capacity	*Collet : 1/2" and 1/4"*
Depth adjustment	*0 - 55mm (2-3/16")*
No load speed (rpm)	*8,000-24,000*
Overall height	*223mm (8-3/4")*
Net weight	*3.3kg (7.2lbs)*
Power supply cord	*2.5m (8.2ft)*

● Collet cone (1/2"), Collet cone (1/4"), Wrench x2

Router

3601B 12mm (1/2")

153



P227 D

Fine power-to-weight ratio in this well-balanced router.

· Non-marring base for excellent finish.



Continuous rating Input	*930W*
Capacity	*Collet : 12mm or 1/2"*
Base dia.	*160mm (6-1/4")*
No load speed (rpm)	*23,000*
Overall height	*190mm (7-1/2")*
Net weight	*3.6kg (7.9lbs)*
Power supply cord	*5.0m (16.4ft)*

● Trimmer guide assembly, Straight guide assembly, Template guide, Collet sleeve (6mm or 1/4"), Collet sleeve (8mm or 3/8"), Wrench x2, Straight bit (carbide-tipped)

Planing / Routering

Cut-out Tool

3706 6.35mm (1/4")

64

Optimum for works of cutting plasterboard such as making holes for electric outlets.

· Ergonomically designed slim motor housing for superior handling.
· Unrivalled cutting speed.
· Large spindle lock button for quick bit changes.





P227 E

Continuous rating Input	550W
Capacity	Collet : 3.18mm (1/8") or 6.35mm (1/4")
No load speed (rpm)	32,000
Overall height	250mm (9-7/8")
Net weight	1.1kg (2.4lbs)
Power supply cord	3.0m (10ft)

● Drywall guide bit 3.18mm (1/8"), Collet nut, Collet cone 6.35mm (1/4"), Collet sleeve (for 3.18mm bit), Wrench 17, Wrench holder

Sash Router

4403 6mm (1/4")

411

Mills and drills aluminum for sashes.

· Trimmer model 3709 used as motor unit.
· Large transparent chip guard for operator's safety.
· Base travels side to side.
· Base travels forward and backward.





P227 D

Continuous rating Input	530W
Capacity	Collet : 6mm or 1/4"
Max. width of work	123mm (4-7/8")
Max. width at 45 degrees	77mm (3")
Max. height of work	185mm (7-1/4")
Base transv. travel	113mm (4-1/2")
Base longit. travel	73mm (2-7/8")
No load speed (rpm)	30,000
Dimensions (L x W x H)	327x350x355mm (12-7/8"x13-13/16"x14")
Net weight	16.0kg (35.3lbs)
Power supply cord	2.5m (8.2ft)

● Sash router bit (drill point), Angle gauge, Wrench x2, Oil supply, Collet cone (6mm or 1/4")

Chain Mortiser

7104L

153

Notches or cuts through holes in thick wood stock quickly, cleanly and accurately.

· Large adjustable vise for attaching firmly onto logs.





P227 F

Continuous rating Input	1,140W
Capacity	Max. hole width : 130mm (5-1/8")
	Max. hole depth : 155mm (6-1/8")
No load speed (rpm)	3,200
Dimensions (L x W x H)	512x298x513mm (20-3/16"x11-3/4"x20-1/4")
Net weight	17.3kg (38.1lbs)
Power supply cord	5.0m (16.4ft)

● Cutter chain 16.5mm (5/8"), Sharpening holder assembly, Oil supply 100ml, Wrench





Accessories

A Power Planer, Planer, Curved Planer

Page 536



Planer blade



B Groove Cutter

Page 536



Cutter blade



C Plate Joiner

Page 536



Cutter blade



D Trimmer, Router, Sash Router

Page 536



Router bit



E Cut-out Tool

Page 536



Drywall guide bit

F Chain Mortiser

Page 536



Cutter chain





Set plate



*2 per pkg.

Model No.	Part No.
1100/N,N1900B,1902, N1923B,1923H, KP0810/C,KP0800, DKP180, DKP140	*193540-6
	A-86175

Sharpening holder assembly



Model No.	Part No.
1100/N, N1900B, 1902, N1923B, 1923H, KP0810/C, KP0800, DKP180, DKP140	123004-6
1600	123007-0
1804N, 1805N, 1806B	123006-2
1002BA, 1911B	123055-9

Dressing stone

For HSS planer blade



*These items are available on request.

Contact us for the minimum order quantity.

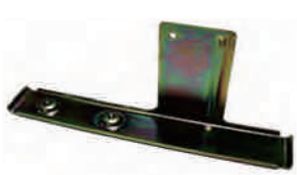
Size(mm)	Grit	Part No.
150	WA1200	794061-7
150	GC1200	*D-17756
180	WA1200	794060-9

Blade gauge assembly



Model No.	Part No.
1804N,1805N	123009-6
1100/N, 1911B, N1900B, KP0810/C, N1923B, 1923H, 1902, 1002BA, KP0800, DKP180, DKP140	123062-2
2012NB	762016-0

Extension guide set



Model No.	Part No.
1911B, N1900B, N1923B, KP0800, DKP180, DKP140	191725-8

Accessories

Edge fence

(Guide rule)

* Destination : Europe

**with screw











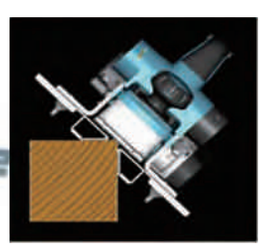




Model No.	Part No.
1100	161046-2
1100N	**193617-7
1804N,1805N	**191454-3
N1900B, N1923B, 1911B	**191455-1
N1900B, N1923B, KP0800 DKP180, DKP140	** *195055-9
1911B, 1923H	*165259-7
KP0810/C	122785-9
1600	123032-1
1806B	123053-3
N1900B, N1923B, KP0800, BKP180, BKP140	123060-6

Chamfering rule assembly





Model No.	Part No.
KP0810/C	122791-4

Depth guide





Model No.	Part No.
KP0810/C, N1923B, 1923H	342390-8

Nozzle assembly

(Non-clogging chip deflection in desired direction)

*Elbow (use with Nozzle)

**Nozzle





Model No.	Part No.
1804N	STEX122198
1805N	JPA122197
N1900B,N1923B	JPA122194
1923H	122354-6
KP312/S	193733-5
KP0810/C, KP0800, DKP180, DKP140	*416368-8
KP0800, DKP180, DKP140	**451329-1

Hood set

Outer dia. 76 mm



Model No.	Part No.
2012NB	193036-7

Triangular rule



Model No.	Part No.
1600,1806B,1923H, KP312/S	762001-3

Magnetic holder



Model No.	Part No.
2012NB	762014-4

Socket wrench 9



Model No.	Part No.
1002BA,1100/N,1600,N1900B,1902, 1911B, KP0800, KP0810/C, KP312, N1923B/H,1804N, 1805N, 1806B, DKP180, DKP140	782209-3
2012NB	782203-5

Accessories

Guide rule

For Model:

3501N

A



B



Type	Part No.
A	164443-1
B	161025-0

Flange

*For cutter blade with 2.4mm - 7.5mm thickness.

For Model:

3501N



Type	Part No.
Flange 35	*224051-1
Outer flange 56	224003-2
Inner flange 56	224106-2

Shiplapping scale assembly



Model No.	Part No.
3501N	133473-3

Dressing stone



Model No.	Part No.
3501N	794063-3

Wrench



Model No.	Size(mm)	Part No.
3501N	19	781206-6
	21	781029-2

Angle guide



Model No.	Part No.
3901, PJ7000, DPJ180, DPJ140	415579-2

Set plate

To center joiner blade on 12mm stock while using pivoting fence



Model No.	Part No.
3901, PJ7000, DPJ180, DPJ140	415579-2

Biscuit (100 pcs. in set)

- Premium quality
- Select cut size
- High strength
- Finely ground edges
- Compressed beachwood



Model No.	Type	LxW(mm)	Part No.
3901, PJ7000, DPJ180, DPJ140	#0	47 x 15	A-16922
	#10	53 x 19.5	A-16938
	#20	60 x 23.5	A-16944

Lock nut wrench



Model No.	Part No.
3901, PJ7000, DPJ180, DPJ140	782401-1

Circular guide set



Model No.	Part No.
3706	193448-4

Accessories

Collet nut



Model No.	Part No.
3706, 3707/F/FC, 3708/F/FC, 3709, 3710	763606-2
DCO180, DCO140	763675-3

Collet cone



Model No.	Size	Part No.
3706, 3707/F/FC, 3708/F/FC	6.35mm(1/4")	763608-8
3706	3.18mm(1/8")	763660-6
DCO180, DCO140	3.0mm	763679-5
	3.18mm(1/8")	763677-9
	6mm	763678-7
	6.35mm(1/4")	763676-1

Dust cover



Model No.	Part No.
3706, DCO180, DCO140	193449-2

Oil supply 100 mL



Model No.	Part No.
7104L	182229-1



Straight guide assembly

(Straight guide)

A: Straight guide with micro adjustment





* Use with Plunge base assembly

Model No.	Type	Material	Part No.
3707/F/FC, 3708/F/FC, N3701, 4403, RT0700C	-		122391-0
3709, 3710	-		122704-5
3600H, 3601B	-		123029-0
3705	-		341947-2
3612BR, RP1800/F, RP1801/F, RP2300FC, RP2301FC	-		342428-9
RP0900, RP0910, RP1110C, *RT0700C	-		164834-6
RF1100, RF1101, RD1100, RD1101, RP1100, RP1101	-		193073-1
3612BR, RP0900, RP0910, RP1110C, RF1100, RF1101, RD1100, RD110, RP1100, RP1101, RP1800/F, RP1801/F, RP2300FC, RP2301FC, *RT0700C	A	Steel	193312-9
RP1800/F, RP181/F, RP2300FC, RP2301FC, RP0900, RP0910, RP1110C, *RT0700C	A	Alumi w/o mark of origin	195136-9

Guide holder assembly



Model No.	Part No.
3612BR	122256-6
RP1800/F, RP1801/F, RP2300FC, RP2301FC	122700-3

Trimmer guide assembly

* Use with Plunge base assembly



Model No.	Part No.
3707/F/FC, 3708/F/FC, 3709, 3710, N3701, RT0700C	122703-7
3600H, 3601B	122343-1
3612BR, RP1800/F, RP1801/F, RP2300FC, RP2301FC	123022-4
RP0900, *RT0700C	STEX122385

Accessories

Guide rail adapter set

1.Guide rail adapter set

2.Guide rail

3.Clamp set



* Use with Plunge base assembly

Type	For Model	Part No.
1	3612BR, RP0900, RP0910, RP1110C, RP1800/F, RP1801/F, RP2300FC, RP2301FC, *RT0700C	194579-2
2	Guide rail 1.4m	194368-5
	Guide rail 1.9m	194925-9
	Guide rail 3.0m	194367-7
3	Clamp set	194385-5

Trimmer base assembly

A: Transparent base

B: For chamfering

C: Fine depth adjustment

A





Model No.	Type	Part No.
3700B, N3701, 3703, 3704, 4403	-	122202-9
	A	122238-8
	B	STEX122390
3703, 4403	B,C	STEX122418
3707/F/FC, 3708/F/FC	A	122655-2
	B	193904-4
3709, 3710	A,C	194267-1
	A	194268-9
	B,C	194269-7
	B	194270-2

Sash router base assembly



Model No.	Part No.
N3701, 4402, 4403	JPA122201

Collet cone (Collet chuck)



Model No.	Size	Part No.
3707/F/FC, 3708/F/FC, N3701, 4403	6mm	763607-0
	1/4"	763608-8
3709, 3710	6mm	763662-2
	1/4"	763663-0
3600H, 3612BR, RP1800/F, RP1801/F, RP2300FC, RP2301FC	13mm	763632-1
	12mm	763628-2
	1/2"	763622-4
	10mm	763630-5
3601B	12mm	763601-2
	1/2"	763602-0
RP0900, RT0700C	8mm	763618-5
	3/8"	763619-3
	6mm	763636-3
	1/4"	763637-1
RP0910, RP1110	1/4"	193179-5
	6mm	193180-0
	8mm	193178-7
RF1100, RF1101, RD1100, RD1101, RP1100, RP1101	1/4"	193214-9
	1/2"	193215-7

Collet sleeve



(Reduces collet sizes from 12mm to 10mm, 8mm or 6mm.

From 1/2" to 10mm, 3/8" or 1/4".)

A: For inch size collet chuck

Model No.	Size	Type	Part No.
3600H, 3601B, 3612BR, RP1800/F, RP1801/F, RP2300FC, RP2301FC	6mm	-	763801-4
	6.35mm	-	763808-0
	8mm	-	763804-8
	10mm	-	763807-2
	1/4"	A	763803-0
	3/8"	A	763805-6
	10mm	A	763806-4

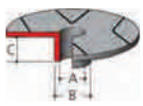


Accessories

Templet guide

(For fast production of complicated shapes by using templet.)

A: For North America



Model No.	A(mm)	B(mm)	C(mm)	Type	Part No.
3707/F/FC, 3708/F/FC, 3709, 3710, N3701, RT0700C	8	10	9.5	-	343577-5

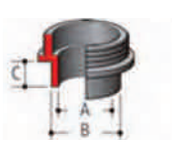




RT0700C : Use with Plunge base assembly

3612BR, RP0900, RP1800/F, RP1801/F, RP2300FC, RP2301FC, RT0700C	7.7	9.5	11.5	-	164379-4
	9	11	13	-	164775-6
	10	12	9	-	164388-3
	11	12.7	13	-	164776-4
	14	17	20	-	165366-6
	14.5	16	13	-	344364-5
	18	20	13	-	164393-0
	22	24	13	-	165364-0
	24	27	13	-	164470-8
	25	29	15	-	163080-8
	27	30	13	-	164471-6
	37	40	13	-	165046-4
	37	40	13	-	164472-4





3600H, 3601B	7.7	9.5	8	-	323448-2
	9	11	5	-	323023-4
	11.1	12.7	14.3	-	321472-9
	10.9	12.7	8	-	323449-0
	14	16	8	-	323018-7
	14	16	14.5	-	321308-2

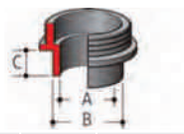




RP0910, RP1110C	7.7	9.5	11.5	-	193330-7
	9	11	11.5	-	193331-5
	10.5	12	14	-	193332-3
	11	12.7	11.5	-	193333-1
	14	17	20	-	165365-8
	14.5	16	11.5	-	193334-9
	18	20	13	-	193335-7
	22	24	13	-	193340-4
	24	27	13	-	193336-5
	25	29	13	-	193337-3
	27	30	13	-	193338-1
	37	40	13	-	193339-9

Model No.	A(mm)	B(mm)	C(mm)	Type	Part No.

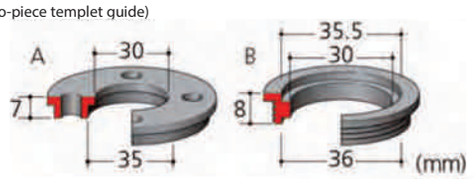




RF1100, RF1101, RD1100, RD1101, RP1100, RP1101	57/64"	1"	7/16"	A	193235-1
	21/32"	3/4"	9/16"	A	193261-0
	11/32"	7/16"	5/32"	A	193262-8
	13/32"	1/2"	5/16"	A	193263-6
	9/32"	3/8"	5/16"	A	193264-4
	5/8"	54/64"	9/16"	A	193265-2
	17/32"	5/8"	9/16"	A	193266-0
	1/4"	5/16"	5/32"	A	193267-8

Templet guide adapter 30

(For B & D, Porter-Cable two-piece templet guide)



Nut M30

Part No. 252627-4

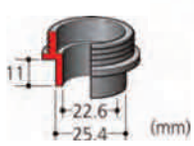


Templet guide adapter 30

Type A or TypeB

Templet guide 25

Part No. 321812-1



RT0700C : Use with Plunge base assembly

Model No.	Type	Part No.
3612BR, RP0900, RP1800/F, RP1801/F, RP2300FC, RP2301FC, RT0700C	A	321492-3
3600H, 3601B	B	321493-1

Knob 55 complete





Model No.	Part No.
3612BR, RP1800/F, RP1801/F, RP2300FC, RP2301FC	158980-5

Base protector complete

Model No.	Part No.
3707/F/FC, 3708/F/FC	153586-4

Accessories

Trimmer shoe

(Enables accurate chamfering and other edge works)



Model No.	Part No.
3707/F/FC, 3708/F/FC,N3701, 4403	155263-4

Base assembly

Able to meet a wide range of needs with the Motor unit and

the following various attachments

This versatile system enables user to easily customize Model RT0700C.

For Model:

RT0700C

Trimmer base assembly





Per pkg.	Part No.
12	196614-2
1	196612-6

Grip attachment set





Per pkg.	Part No.
1	196924-7

Plunge base assembly

Optional Fine adjusting straight guide can be used.





Per pkg.	Part No.
4	195815-9
1	195563-0

Tilt base assembly

Tilting capacity: -30˚ to 45˚





Per pkg.	Part No.
12	195813-3
1	195561-4

Offset base assembly

Able to trim close to wall and tight corners

with a bit set in offset position.

Distance 18.5mm from the edge to the center of bit





Per pkg.	Part No.
4	196921-3
1	196922-1

Base plate

(base protector)

For Model:

RT0700C

Trimmer base plate



Part No.
454842-8

Plunge base plate



Part No.
450819-1

Tilt base plate



Part No.
413150-6

Offset base plate



Part No.
413148-3



PRODUCTS

DUST EXTRACTION / OTHERS



- Double Insulation
- Variable Speed
- Electronic 2-Speed
- Soft Start
- Stainless Tank
- Revolving Hose
- Static Free Hose

Dust Extraction

Simple connection to Makita power tools



Dust Extraction System DX01 / DX02

DHR242 / DHR243

P.34

This system is designed to collect dust effectively with on-off operation of the tool's on-off trigger switch interlocked with this system.

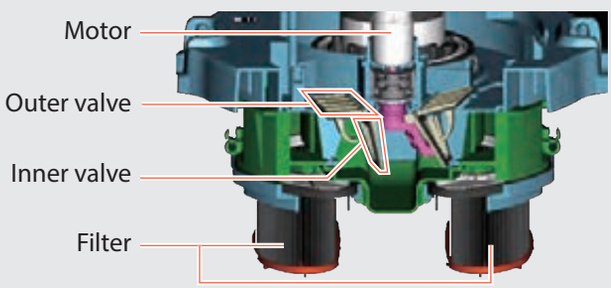






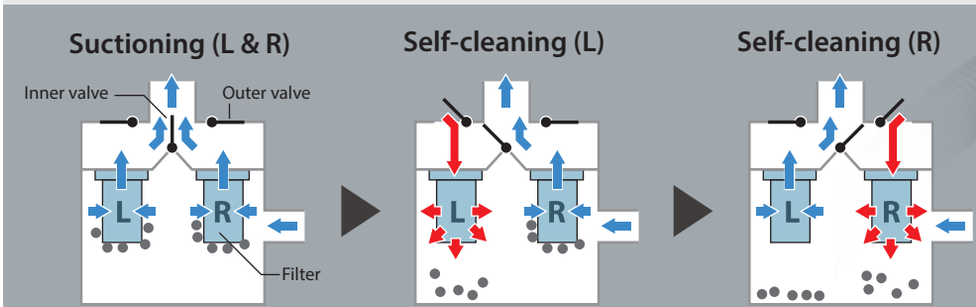
Automatic self-cleaning filtration system (VC3211H / VC3211M / VC2211M)

Dust is removed from the Prefilters while the machine is in operation.



GYUPPA! Twin Filter





Vacuum Cleaner (Wet & Dry) — VC3211H / VC3211M

173



GYUPPA!

➲P240

Complying with dust class H. (VC3211H)
Complying with dust class M. (VC3211M)

- Best suitable for working with power tools.
- Outlet on front for power tools to work with.
- The new automatic self-cleaning filter system is achieved by two triple structure filter units composed of powder filter, damper filter and prefilter.
- Base hook provides large capacity of on-board storage.
- Wet/dry dust collection without changing filter.

Continuous rating Input	*1,050W*
Max. peak air flow	*2 m³ / min*
Max. sealed suction (water colum)	*22.0kPa (2,240mmH2O)*
Tank capacity	*Dust : 32L Water : 27L*
Dimensions (L x W x H)	*552x398x685mm (21-3/4"x15-5/8"x27")*
Net weight	*16.9kg (37.3lbs)*
Power supply cord	*5.0m (16.4ft)*

● Hose complete 28-3.5 (with front cuffs 38), Front cuffs 22, Front cuffs 24, Belt hook, Cord holder, Cap, Poly bag set

Vacuum Cleaner (Wet & Dry) — VC2211M

173



GYUPPA!

➲P240

Complying with dust class M.

- Best suitable for working with power tools.
- Outlet on front for power tools to work with.
- The new automatic self-cleaning filter system is achieved by two triple structure filter units composed of powder filter, damper filter and prefilter.
- Base hook provides large capacity of on-board storage.
- Wet/dry dust collection without changing filter.

Continuous rating Input	*1,050W*
Max. peak air flow	*2 m³ / min*
Max. sealed suction (water colum)	*22.0kPa (2,240mmH2O)*
Tank capacity	*Dust : 22L Water : 17L*
Dimensions (L x W x H)	*552x398x569mm (21-3/4"x15-5/8"x22-3/8")*
Net weight	*16.3kg (36.0lbs)*
Power supply cord	*5.0m (16.4ft)*

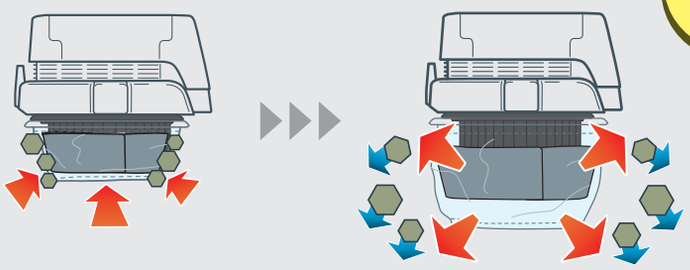
● Hose complete 28-3.5 (with front cuffs 38), Front cuffs 22, Front cuffs 24, Belt hook, Cord holder, Cap, Poly bag set

Items of standard equipment and specifications may vary by country or area.

Automatic self-cleaning filter

VC1310L, VC2510L, VC3210L

obtained by Triple filter structure composed of: Powder filter + Damper + Prefilter



When the power is switched on, Prefilter collapses into itself to compress Damper, and fits closely over Damper and Powder filter.

When the power is switched off, Damper expands back to its original size and shakes off dust from Prefilter automatically with its expanding power.



Allows for:

Constantly high suction power
Easy filter cleaning simply by tapping dust off of Prefilter
Quiet cleaning because Damper and Prefilter make no noise

Vacuum Cleaner (Wet & Dry) — VC1310L / VC2510L

173



➲P240

Complying with dust class L.

- Best suitable for working with power tools.
- Outlet on front for power tools to work with.
- The machine turns on or off automatically when connected power tool is turned on or off.
- Base hook provides large capacity of on-board storage.
- Wet / Dry dust collection without changing filter.



Continuous rating Input	1,050W
Max. peak air flow	2.0m³ / min
Max. sealed suction (water colum)	22.0kPa (2,240mmH2O)
Tank capacity	VC1310L : Dust 13L,Water 7L VC2510L : Dust 25L,Water 14L
Dimensions (L x W x H)	VC1310L : 366x334x420mm (14-3/8"x13-1/8"x16-1/2") VC2510L : 432x416x451mm (17"x16-3/8"x17-3/4")
Net weight	VC1310L : 9.6kg (21.2lbs) VC2510L : 10.5kg (23.2lbs)
Power supply cord	5.0m(16.4ft)

● Hose complete 28-3.5 (with front cuffs 38), Holder 10-33, Front cuffs 22, Front cuffs 24, Poly bag set

Vacuum Cleaner (Wet & Dry) — VC3210L

173



➲P240

Complying with dust class L

- Best suitable for working with power tools.
- Outlet on front for power tools to work with.
- The machine turns on or off automatically when connected power tool is turned on or off.
- Base hook provides large capacity of on-board storage.
- Wet / Dry dust collection without changing filter.



Continuous rating Input	1,050W
Max. peak air flow	2.0m³ / min
Max. sealed suction (water colum)	22.0kPa (2,240mmH2O)
Tank capacity	Dust : 32L Water : 27L
Dimensions (L x W x H)	552x398x685mm (21-3/4"x15-5/8"x27")
Net weight	14.5kg (32.0lbs)
Power supply cord	5.0m (16.4ft)

● Hose complete 28-3.5 (with front cuffs 38), Holder 10-33, Front cuffs 22, Front cuffs 24, Poly bag set

Corded and Cordless Vacuum Cleaner (Wet & Dry) — DVC860L

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new

18V X2 36V

XPT EXTREME PROTECTION TECHNOLOGY



➲P240

Complying with dust class L, powered by both AC and DC.

- AC: Continuous rating Input: 1,050W
- DC: Powered by two 18V Li-ion batteries in series
- Removable power supply cord for better maneuverability.
- Large on-off switch allows for easy on/off switching.

18V

Max. peak air flow	AC : 3.7m³ / min DC : 2.0m³ / min
Max. sealed suction (water colum)	AC : 25kPa (2550mmH2O) DC : 9.0kPa (918mmH2O)
Tank capacity	Dust : 8L Water : 6L
Continuous use (minutes)	15
Dimensions (L x W x H)	366x334x368mm (14-3/8"x13-1/8"x14-1/2")
Net weight	9.0kg (19.8lbs)
Power supply cord	5.0m (16.4ft)

● Fast charger, Battery cartridge, Connection cord, Tool box, Hose complete, Poly bag set, Straight pipe, Bending pipe, Corner nozzle, Nozzle assembly

Cordless Vacuum Cleaner — DVC350

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



➔P240

Cordless design for high portability.

- Convenient for use with Makita cordless tools.
- Large 3L dust bag capacity.
- Variable switch provides High/Low air volume settings to suit your application.
- Shoulder belt can be easily slung over your shoulder for added mobility.
- 2 functions in 1 machine convertible into a blower by attaching nozzle assembly.



18V

Max. peak air flow	3.4m³/min
Max. sealed suction (water colum)	5.5kPa (560mmH2O)
Recoverable capacity	Dust : 3.0L (0.8gal)
Dimensions (L x W x H)	273x195x226mm (10-3/4"x7-5/8"x8-7/8")
Net weight	2.2kg (4.8lbs)

● Fast charger, Battery cartridge, Nozzle assembly, Dust bag assembly, Hose complete, Shoulder belt

Cordless Vacuum Cleaner — DVC340

Li-ion Ah 4.0 3.0 1.5 1.3



➔P240

Cordless design for high portability.

- Convenient for use with Makita cordless tools.
- Large 3L dust bag capacity.
- Variable switch provides High/Low air volume settings to suit your application.
- Shoulder belt can be easily slung over your shoulder for added mobility.
- 2 functions in 1 machine convertible into a blower by attaching nozzle assembly.



14.4V

Max. peak air flow	3.3m³/min
Max. sealed suction (water colum)	5.2kPa (530mmH2O)
Recoverable capacity	Dust : 3.0L (0.8gal)
Dimensions (L x W x H)	273x195x226mm (10-3/4"x7-5/8"x8-7/8")
Net weight	2.1kg (4.7lbs)

● Fast charger, Battery cartridge, Nozzle assembly, Dust bag assembly, Hose complete, Shoulder belt

Blower — UB0800



High/ Low/ Off slide switch for two different air volume settings.

- Blades on internal fan shreds the bulky leaves to reduce the collected volume in dust bag to 1/8 with optional vacuum kit mounted.
- Powerful air velocity and large air volume.
- Soft main grip and sub grip provides comfortable and more control especially for vacuum application.

Continuous rating Input	1,650W
Air volume	0 - 7.1m³/min
Air pressure	4.1kPa (418mm H2O)
No load speed (rpm)	0-17,000
Dimensions (L x W x H)	810x220x300mm (32"x8-5/8"x11-3/4")
Net weight	3.2kg (7.0lbs)
Power supply cord	2.5m (8.2ft)

● Nozzle assembly

Blower — UB1103 / UB1102

303



➔P245

High output air volume.

- Ergonomic designed handle with elastomer for more comfortable and controlled operation.
- With optional dust bag allows to use as a vacuum.
- UB1103 : Variable speed Control dial.
- Self-standing design to put on the flat place/ turn upside down.



▼UB1103

Continuous rating Input	600W
Air volume	UBUB1103 : 0-4.1m³/min
	UB1102 : 4.1m³/min
Air pressure	UB1103 : 0-5.7kPa (0-580mm H2O)
	UB1102 : 5.7kPa (580mm H2O)
No load speed (rpm)	UB1103 : 0-1,6000
	UB1102 : 16,000
Dimensions (L x W x H)	479x185x178mm (18-7/8"x7-1/4"x7")
Net weight	2.0kg (4.3bs)
Power supply cord	2.5m (8.2ft)

● Nozzle assembly

Blower — UB1101 / UB1100

303



➔P245

Powerful motor.

- Operation free from static electricity.
- With optional dust bag allows to use as a vacuum.
- UB1101 : Variable speed Control dial.



Continuous rating Input	600W
Air volume	UB1101 : 0 - 2.8m³/min
	UB1100 : 2.8m³/min
Air pressure	UB1101 : 0 - 5.5kPa (0-560mm H2O)
	UB1100 : 5.5kPa (560mm H2O)
No load speed (rpm)	UB1101 : 0-16,000
	UB1100 : 16,000
Overall length	480mm (18-7/8")
Net weight	1.9kg (4.1lbs)
Power supply cord	2.5m (8.2ft)

● Nozzle assembly

Others

Laser Level — SK102Z



Robust design handy laser liner.

- Horizontal and vertical self-leveling up to ±4°, when out of leveling range automatically switches off laser and shows warning light.
- Horizontal aligning: Convenient way to transfer reference points from one wall to another.
- Vertical aligning: The simple way to ensure that walls, floor, tiles, joints precisely meet one another.



Soft bag, Batteries, Simple wall mount target

Leveling accuracy	+-3mm / 10m
Measuring Range	30m
Power supply	Cell battery : AA 1.5V x 3pcs
Net weight	0.32kg (0.7lbs)

Laser Level — SKR200Z



Automatic operation in both horizontal and vertical modes.

- Better self-leveling range.
- Variable rotation speed.
- Allows higher storage temperature.



Remote controller, Wall mount, Receiver.

Operating range	Rotating beam (diameter) : 200m Plumb beam (up to) : 30m
Rotation Speed (rpm)	0, 300, 450, 600
Leveling accuracy	+-1mm / 10m
Leveling range (degrees)	+-6
Power supply	Cell battery : 2pcs
Operating time (approx. hrs)	60

Laser Distance Measure — LD050P



Compact, handy, and accurate.

- New angle measuring method.



Alkaline battery x2, Carrying strap, Target plate

Measuring Range	0.05m-50m
Power supply	Cell battery : AAA 15V x 2pcs
Net weight	0.1kg (0.22lbs)

Laser Distance Measure — LD080PI / LD080P



Compact,handy, and accurate.

- New angle measuring method.
- With inclination sensor.



Alkaline battery x2, Carrying strap, Target plate

Measuring Range	0.05m-80m
Power supply	Cell battery : AAA 15V x 2pcs
Net weight	0.14kg (0.31lbs)

Heat Gun — HG6500



P247

More durable and powerful.

- Variable temperature control with LCD display.
- Rubberized soft grip.
- Built-in stand.
- Nozzle ejection.



Continuous rating Input	2,000W
Air temperature (degrees C)	70-650
Dimensions (L x W x H)	262x80x190mm (10-3/8"x3-1/8"x7-1/2")
Net weight	0.92kg (2.0lbs)

Heat Gun — HG651CK / HG651C



P247

Electronic temperature Control independent of airflow and power supply.

- Available 7 function programs by operating the select key for your application.
- HG651CK : With is standard equipped with nozzles and plastic case.

Continuous rating Input	*2,000W*
Air temperature (degrees C)	*80-650*
Air flow	*200 - 550L / min*
Net weight	*0.78kg (1.72lbs)*



Wide slot nozzle, Reduction nozzle, Reflector nozzle, Overlap welding nozzle, Pressure roller

Heat Gun — HG6020



P247

Variable temperature electronic Heat Gun

- Powerful heat gun with variable temperature and electronic thermocouple for flexible use and maximum reliability.
- For using plastic welding, packaging, automotive, maintenance and other wide range of applications, requiring variable temperature.
- 3-temperature settings

Continuous rating Input	*2,000W*
Air temperature (degrees C)	*50-600*
Air flow	*150 - 500L / min*
Net weight	*0.85kg (1.9lbs)*



Heat Gun — HG6003



P247

More durable and powerful.

- 2-temperature settings.
- Rubberized soft grip.
- Built-in stand.
- Nozzle ejection.

Continuous rating Input	*1,800W*
Air temperature (degrees C)	*600*
Dimensions (L x W x H)	*262x80x190mm (10-3/8"x3-1/8"x7-1/2")*
Net weight	*0.92kg (2.0lbs)*



Deflector nozzle, Concentrator nozzle

Heat Gun — HG551VK / HG551V



P247

Temperature range 100 degrees to 550 degrees Controlled by potentiometer, stepless temperature adjustment with scale.

- Convenient 2 step switch for 2- speed air flow.
- HG551VK : With nozzles and plastic case.

Continuous rating Input	*1,800W*
Air temperature (degrees C)	*100-550*
Air flow	*250 - 500L / min*
Net weight	*0.7kg (1.54lbs)*



Wide slot nozzle, Reduction nozzle, Reflector nozzle

Heat Gun — HG5012K / HG5012

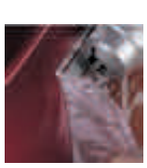


P247

Basic heat-gun with a convenient 2 step switch Controlling temperature and air-flow.

- Strips paint and varnish, thaws frozen metal pipes, loosens tile and putty.
- HG5012K : With nozzles and plastic case.

Continuous rating Input	*1,600W*
Air temperature (degrees C)	*350-500*
Air flow	*Hi : 500L / min* *Lo : 300L / min*
Net weight	*0.6kg (1.46lbs)*



Glass protection nozzle, Wide slot nozzle, Reflector nozzle

System charts


Model
VC3210L, VC3211M
VC3211M, VC2211M


Model
VC2510L, VC1310L


Model
DVC350, DVC340


Model
DVC860L

For Model	Suction Systems and Part No.

Rotary Hammer, Demoliton Hammer
SDS-MAX, 17mm (11/16") hex:
Bull points with over 280mm length
Cold chisels with over 280mm length
SDS-MAX only:
Scaling chisel (for tile),
Bushing tool, Scaling chisels
19mm (3/4") hex only
Scaling chisels



Dust extractor attachment set
(Hammerring mode only)
196571-4



ø28mm hose can be directly connected.

Demoliton Hammer
HM1304/B, HM1306,
HM1317C/CB, HM1303C/CB,
HM1400, HM1500, HM1810,
HM1801, HM1802, HM1812



Vacuum attachment set



197149-6(w/o hose for)

ø28mm hose can be directly connected.

197148-8(w/ hose for)






Rotary Hammer, Combintion Hammer
DHR243, HR2300, HR2310T,
HR2600,HR2320T, HR2630T,
HR2361FT



HR2601, HR2611F/FT, HR2610/T

Dust cup set
195179-1



195180-6

Rotary Hammer
BHR200, HR1800, HR1820
HR1821, HR2000,HR2010
HR2220, HR2400



HR2510
HR2511

Dust extractor attachment
192176-8



Rotary Hammer, Combintion Hammer
DHR162, DHR164, DHR165
DHR202, BHR261/T, BHR262/T
DHR263, DHR264
HR2450 series



HR2470 series
HR2800 series

Dust extractor attachment
193472-7



Rotary Hammer
HR4011C, HR4010C, HR4001C,
HR4511C, HR4510C, HR4501C,
HR4002



Vacuum attachment
195866-2

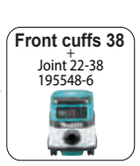


(Max. Bit Diameter 40mm)

HR4013C, HR4003C ———— 196536-6
HR5212C, HR5202C ———— 196858-4


Front cuffs 22

Front cuffs 22

Front cuffs 22

Front cuffs 38
+
Joint 22-38
195548-6

For Model	Suction Systems and Part No.

Angle Cutter
4112H
4112HS
4114
4114S



Elbow joint 32
192613-2



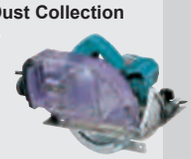
Dustless Cutter
4105KB



Elbow joint 32
192613-2

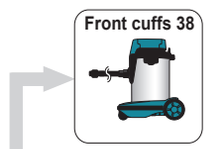
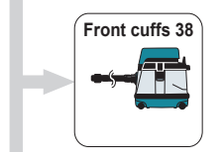
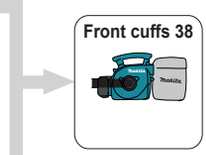
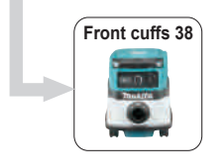


Circular Saw With Dust Collection
5057KB



Cutter With Dust Collection
4157KB




Front cuffs 38

Front cuffs 38

Front cuffs 38

Front cuffs 38





Accessories


Model
VC3210L, VC3211M
VC3211M, VC2211M


Model
VC2510L, VC1310L


Model
DVC350, DVC340


Model
DVC860L

For Model	Suction Systems and Part No.
Disc Grinder N9500N, 9500NB 	**Dust collecting wheel guard** 192212-0  **Rubber sleeve** 192202-3
Angle Grinder For 100mm Model  For 115,125mm Model	**Dust collecting wheel guard** 192475-8  192618-2
Belt Sander 9032 	**Dust nozzle assembly** 122652-8 
Belt Sander 9031 	
Finishing Sander 9046, BO3700 BO3710, BO3711 BO4900/V, BO4901 BO4555, BO4556 BO4565, BO4566 BO4557, BO4558 	
Random Orbit Sander BO5012, BO5030, BO5031, BO5040, BO5041 BO6030, BO6040 DBO140, DBO180  	
Multi Tool DTM50, DTM40 — 195965-0 TM3000C — 196022-7 TM3010C — 196550-2   DTM51 DTM41	**Dust attachment set**   196765-1

Front cuffs 22


Front cuffs 22


Front cuffs 22


Front cuffs 38
\+
Joint 22-38
195548-6


For Model	Suction Systems and Part No.
Angle Grinder 	**Dust collecting wheel guard** For cup type diamond wheel  For 115, 125mm Model — w/o mark of origin for IEC 195239-9, 195250-1 9005B-196587-9 For 180, 230mm Model — w/o mark of origin for IEC 195384-0, 195385-8, 195387-4, 195388-2 north america package 195386-6
Angle Grinder For 115, 125mm Model 	**Dust collecting wheel guard** 196845-3  196846-1
Angle Grinder 	**Dust collecting wheel guard**  For 115, 125mm Model — 192968-5, 193794-5 (Economy type) For 180mm Model — 194303-3 For 230mm Model — 194044-1
Belt Sander 9924DB 	**Joint** 192518-6 
Belt Sander 9403, 9404, 9902, 9903, 9910, 9911, 9920, 9921  **Concrete Planer** PC5000C, PC5001C 	
Wheel Sander 9741 	**Joint** 410899-9 

Front cuffs 38


Front cuffs 38


Front cuffs 38


Front cuffs 38


System charts


Model
VC3210L, VC3211M
VC3211M, VC2211M


Model
VC2510L, VC1310L


Model
DVC350, DVC340


Model
DVC860L

For Model	Suction Systems and Part No.

Circular Saw
DHS630 — **Joint** (Dust nozzle) 194314-8
DSS611 — 419283-5
DSS501, DSS500 — 194415-2
HS300D — 452237-9




Circular Saw
DHS710, DHS711 — **Joint** (Dust nozzle) 196520-1
HS6100, HS6101 — 453289-3
HS7100, HS7101
HS7000, HS7600 — 196843-7
HS7601
DHS680 — 196961-1


+

Front cuffs 24
195546-0

Plunge Cut Circular Saw
SP6000



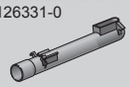
Front cuffs 24
195546-0



Cordless Jig Saw
DJV141, DJV142
DJV181, DJV182



Vacuum head
126331-0


+

Front cuffs 24
195546-0

Jig Saw
JV100D
JV143D
JV183D



4326, 4327, 4328, 4329
JV0600

Jig Saw
DJV140, DJV180



Dust Nozzle
417853-4

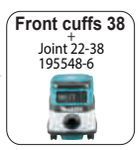


4350T/CT/FCT, 4351T/CT/FCT


Front cuffs 22


Front cuffs 22


Front cuffs 22


Front cuffs 38
+
Joint 22-38
195548-6

For Model	Suction Systems and Part No.

Cordless Slide Compound Miter Saw
DLS713
LS0815F/FL



Slide Compound Saw
LS0714/F/FL/L
LS1016L
LS1017L
LS1018/L
LS1216/L



Miter Saw
LS1030N, LS1440



Compound Miter Saw
LS1040/F,
LS1045,
LS1221



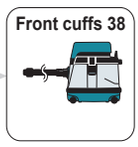
Flip Over Saw
LF1000



Table Top Miter Saw
LH1040/F
LH1200FL




Front cuffs 38


Front cuffs 38


Front cuffs 38


Front cuffs 38

Table Saw
2704, 2705



Joint
419093-0



Table Saw
2702, 2703



Joint 55
192799-2



Table Saw
MLT100
2712



Dust point
JM27000090



Band Saw
LB1200F




Front cuffs 38


Front cuffs 38




Front cuffs 38

Accessories


Model
VC3210L, VC3211M
VC3211M, VC2211M


Model
VC2510L, VC1310L

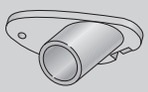

Model
DVC350, DVC340


Model
DVC860L

For Model	Suction Systems and Part No.

Circular Saw
5603R, 5704R, 5705R
5143R
5008MG
5103R, 5903R
5104S, 5104
N5900B, 5902B

Joint (Dust nozzle)
192420-3
192490-2
450079-5
192419-8
450316-7
193068-4

Circular Saw
5604R, 5037NB



Dustless Circular Saw
5017RKB



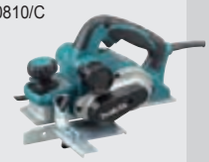

Front cuffs 38


Front cuffs 38


Front cuffs 38


Front cuffs 38

Power Planer
1050D, 1051D
KP0810/C



Power Planer
DKP180, DKP140
KP0800


1805N

Nozzle
451329-1


JPA122277

Power Planer
1911B

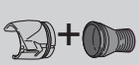


Nozzle for vacuum cleaner
192082-7



Power Planer
N1900B, N1923B, KP0800, 1804N
1805N, 1806B, KP312/S






*Front cuffs 38


*Front cuffs 38




*Front cuffs 38

Nozzle assembly



Model No.	Part No.
N1900B, N1923B	181572-5
KP0800, DKP180, DKP140	451329-1
1804N	JPA122278
1805N	JPA122277
1806B	122397-8
KP312/S	193733-5

Joint

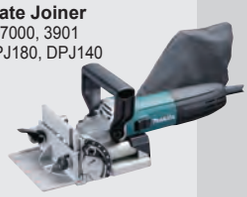
*Elbow



Model No.	Part No.
N1900B, N1923B	JPA122275
KP0800	*416368-8
1804N, 1805N, 1806B, KP312/S	181575-9

For Model	Suction Systems and Part No.

Plate Joiner
PJ7000, 3901
DPJ180, DPJ140



Cut-out Tool
3706



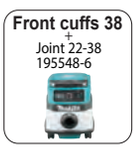
Dust collecting cover
193449-2




Front cuffs 22


Front cuffs 22


Front cuffs 22


Front cuffs 38
+
Joint 22-38
195548-6

Router
RP0910,
RP1110C




*Front cuffs 22


*Front cuffs 22




*Front cuffs 38
+
Joint 22-38
195548-6

Router
RP1801/ F
RP1800/ F
RP2301FC
RP2300FC



Dust nozzle
194934-8



Router
RD1100,
RD1101,
RF1100,
RF1101,
RP1100,
RP1101



Dust nozzle
193379-7



Router
RP0900,
*RT0700C



Dust nozzle
194733-8

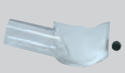


* Use with Plunge base assembly

Trimmer
RT0700C



Dust nozzle
195559-1




*Front cuffs 38


*Front cuffs 38




*Front cuffs 38

***Makita recommend to use 38mm hose when you use Router or Power planer.**

Accessories

Hose

Note:

Al though type B hose can be connected with power tools, Front cuffs and Joint are required for some power tools.



A: for power tools

B: for cleaning

Size	Length (m)	Type	with Front cuffs	Part No.
28mm	1.5	A	22, 38	A-34235
28mm	2.5	A	22, 24, 38	195437-5
28mm	3.5	A	22, 24, 38	195433-3
28mm	5	A	22, 24, 38	195436-7
38mm	2.5	B	38	195434-1
38mm	5	B	38	195435-9

Straight pipe

A: Use with Joint (410872-9)



Model No.	Type	Part No.
DVC860L, VC1310L, VC2510L, VC3210L, VC3211H, VC3211M, VC2211M	-	192563-1
UB1100, UB1101, UB121D, UB141D, UB181D	A	412040-0

Bending pipe



Model No.	Part No.
DVC860L, VC1310L, VC2510L, VC3210L, VC3211H, VC3211M, VC2211M	192562-3

Anchor nozzle set



For Model:

DVC340, DVC350, DVC860L, VC1310L, VC2510L, VC3210, VC1310L, VC2510L, VC3210L, VC3211H, VC3211M, VC2211M, DUB182, DUB142, UB1100, UB1101, UB1102, UB1103

Type	Part No.
Use with Hose Inner Dia.28mm (Front cuffs 22)	192236-6

Corner nozzle



Model No.	Part No.
DVC860L, VC1310L, VC2510L, VC3210L, VC3211H, VC3211M, VC2211M	410306-2
DUB182,DUB142, UB1100, UB1101, UB1102, UB1103	411891-8

Nozzle assembly

For Model:

DVC860L, VC1310L, VC2510L, VC3210L, VC3211H, VC3211M, VC2211M

Universal Type

Dry/Wet



Part No.
195551-7

Compact Type A

Dry



Part No.
195549-4

Compact Type B

Wet



Part No.
195550-9

Wide Type

Part No.
A-49846

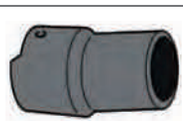
Front cuffs & Joint



Model No.	Type	Part No.
DVC340, DVC350, DVC860L, VC1310L, VC2510L, VC3210L, VC3211H, VC3211M, VC2211M	Front cuffs 22	195547-8
	Front cuffs 24	195546-0
	Front cuffs 38	195545-2
	Joint 22-38	195548-6

Joint

(For Festo type Hose)



Model No.	Part No.
BO4900/V, BO4901, BO6040	417408-5

Accessories

Powder filter set



Model No.	Part No.
DVC860L	197166-6
VC1310L	195438-3
VC2510L	195441-4
VC3210L	195441-4
VC3211H	196251-2
VC3211M, VC2211M	196252-0

Damper set



Model No.	Part No.
DVC860L, VC1310L	195552-5
VC2510L	195552-5
VC3210L	195552-5
VC3211H, VC3211M, VC2211M	196254-6

Prefilter set



Model No.	Part No.
DVC860L, VC1310L	195553-3
VC2510L	195554-1
VC3210L	195612-3
VC3211H, VC3211M, VC2211M	196253-8

Filter set (for water)



Model No.	Part No.
DVC860L, VC1310L	195555-9
VC2510L	195556-7
VC3210L	195611-5

Poly bag set

(incl. 10 pcs of the Plastic dust bag described above.)



Model No.	Part No.
DVC860L, VC1310L	195432-5
VC2510L, VC3210L VC3211H, VC3211M, VC2211M	195440-6

Filter bag set

(5pcs/set)



Model No.	Part No.
VC3210L VC3211H, VC3211M	195558-3
DVC860L, VC1310L VC2510L, VC2211M	195557-5

Holder set 10-33





Model No.	Part No.
DVC860L, VC1310L, VC2510L, VC3210L, VC3211H, VC3211M, VC2211M	195544-4

Cleaning set

Includes one each of:

-Hose complete 38-2.5

-Straight pipe

-Bending pipe

-Nozzle assembly

-Corner nozzle



Model No.	Part No.
DVC860L, VC1310L, VC2510L, VC3210L, VC3211H, VC3211M, VC2211M	195439-1

Round brush



Model No.	Part No.
DVC860L, VC1310L, VC2510L, VC3210L, VC3211H, VC3211M, VC2211M	191657-9

Nozzle assembly

A:Standard equipment



Model No.	Size(mm)	Type	Part No.
DVC340, DVC350, DUB182, DUB142, UB1100, UB1101, UB121D, UB141D, UB181D	220	A	132025-7
	430	-	134182-7
UB1102, UB1103	220	A	123245-4
	430	-	123246-2

Bending long nozzle set



Model No.	Part No.
UB1102, UB1103	196729-5

Accessories

Flexible hose set

(Total length: 95cm)



Model No.	Part No.
DUB142, DUB182, UB1100, UB1101	191750-9
UB1102, UB1103	196643-5

Dust box assembly



*use with Paper dust bag 194746-9

**use with Filter set 195133-5

Model No.	Part No.
BBO140, BBO180, BO4555, BO4556, BO4557, BO4558, BO4565,BO4566, BO5030, BO5031, BO5040 , BO5041	*135246-0
BBO140, BBO180, BO4555, BO4556, BO4557,BO4558, BO4565, BO4566, BO5030,BO3710, BO3711, BO5031,BO5040 ,BO5041	**135246-0



LS0714/F/FL/L, LS1016/F/FL/L, LS1216/F/FL/L, LS1214/F/FL/L, LS1013/F/FL/L	194175-6

Paper dust bag holder





Model No.	Part No.
BO4900/V, BO5020, BO5021, BO6030, 9046	193294-5
BO4553, BO4554, BO4561, BO4563, BO5010, BO5021	193932-9

Paper dust bag and Filter set

(5pcs./set)

*w/o mark of origin



Model No.	Part No.
Paper dust bag	
BO4900/V, BO5020, BO5021, BO6030, 9046	193293-7
BO4553, BO4554, BO4561, BO4563, BO5010, BO5012	193712-3
DBO140, DBO180, BO4555, BO4556, BO4565, BO4566, BO4557, BO4558, BO5030, BO5031, BO5040, BO5041	194746-9
Filter set	
DBO140, DBO180, BO4555, BO4556, BO4565, BO4566,BO4557, BO4558, BO3710, BO3711, BO5030, BO5031, BO5040, BO5041	*195133-5

Dust Bag



Model No.	Part No.
UB1100,UB1101	122321-1
UB1102, UB1103	123241-2
DUB142, DUB182	122814-8
DVC340, DVC350	122918-6
1050D, 1051D	122469-9
BLS820	122523-9
4105KB	123185-6
9401, 9402	122297-2
9924DB	122296-4
9901	122329-5
9902, 9903, 9404, 9920	122591-2
9921, 9403	122562-9
9910, 9911	122548-3
PC1100	123203-0
PC5000C, PC5001C	122853-8
9046	152456-4
BO4551, BO4552, BO4553, BO4554, BO4561, BO4563	166027-1
BO4900/V, BO5020, BO5021, BO6030	151517-7
DBO140, DBO180, BO4555, BO4556, BO4557, BO4558, BO4565, BO4566, BO5030, BO5031, BO5040,BO5041	135222-4
BO3710, BO3711	140115-2
LS0714/F/FL/L, LS1013/L/F/FL, LS1212, LS1030N, LS1040/F, LS1045, LS1214/F/L/FL, LS1220, LS1221, LF1000	122523-9
LS1011N, LS1030	122351-2
BLS713, LS1016/F/FL/L, LS1216/F/FL/L, LH1040/F	122852-0
1100/N	STEX122312
1911B	122402-1
1923H	192268-3
1902,N1900B,N1923B	122230-4
KP0810/C, KP0800, DKP180,DKP140	122793-0
3901	122474-6
PJ7000, DPJ180, DPJ140	123150-5

Accessories

Heat gun accessories

1: Glass protection nozzle, 2: Wide-slot nozzle




3: Reflector nozzle, 4: Reduction nozzle Ø 20mm




5: Overlap welding nozzle, 6: Solder sleeves reflector




7: Welding nozzle, 8: Pressure roller




9:Welding rods, 10:Speed welding nozzle




11:Scraper, 12:Scraper set













Model No.	Type	Part No.
HG5012, HG551V, HG651C	1	P-71417
	2	P-71423
	3	P-71445
HG551V, HG651C	4	P-71439
HG651C	5	P-71489
	6	P-71495
	7	P-71451
	8	P-71504
HG651C	9	P-71510
		P-71526
		P-71532
	10	P-71473
HG5012, HG551V, HG651C	11	P-71548
	12	P-71554

PRODUCTS

PNEUMATIC GAS TOOLS



Air Compressor

AC320H



Lightweight design with aluminum tank and Brushless DC motor.

· High power performance.
· Low noise.
· Two types of air pressure (high & normal) are available.
· Casters for easy carrying.



Tank max pressure	3.5MPa (-PSI)
Outlet max pressure	Hi : 2.5MPa (-PSI)
	Normal : 0.9MPa (-PSI)
Output power	2.5HP
Tank	11L
Performance	140L / min
Dimensions (L x W x H)	536x357x350mm (21-1/8"x14"x13-3/4")
Net weight	18kg (39.8lbs)

P256

Air Compressor

AC310H



Applicable for high pressure air nailers and normal pressure air nailers.

· Low noise.
· Two outlets for high pressure air.
· Two outlets for normal pressure air.
· Bumpers for easier carrying.



Tank max pressure	2.8MPa (410PSI)
Outlet max pressure	Hi : 2.6MPa (375PSI)
	Normal : 0.9MPa (130PSI)
Output power	2.5HP
Tank	6.2L
Performance	90L / min
Dimensions (L x W x H)	476x507x375mm (18-3/4"x20"x14-3/4")
Net weight	36.0kg (79.4lbs)

P256

Pneumatic Concrete Nailer

AN250HC



Powerful nailer with high driving power.

· Thin Contact Arm and Nose Adapter is convenient for driving in narrow groove.
· Driving depth adjustment.
· Rubberized soft grip.





● Oil supply, Safety goggles, Nose adapter

Capacity	Length : 19 - 25mm (3/4" - 1")
	Diameter : 2.5-3.0mm (0.099-0.120")
Magazine capacity	100pcs
Operating pressure	1.18-2.26MPa (170-320PSI)
Dimensions (L x W x H)	295x128x291mm (11-5/8"x5"x11-1/2")
Net weight	2.1kg (4.7lbs)

P256

Pneumatic Roofing Coil Nailer

AN450H



Very compact and lightweight by using high pressure air.

· Rubberized soft grip.
· Driving depth adjustment.
· One-touch magazine opener.
· Shingle guide is provided.





● Oil supply, Safety goggles, Hex wrench

Capacity	Length : 19 - 45mm (3/4" - 1-3/4")
Magazine capacity	120pcs
Operating pressure	1.28-2.26MPa (180-320PSI)
Dimensions (L x W x H)	287x142x276mm (11-1/4"x5-5/8"x10-8/7")
Net weight	2.3kg (5.0lbs)

Dimensions : with hook

P256

Construction Coil Nailer

AN510H



Very compact and lightweight by using high pressure air.

· Rubberized soft grip.
· Body bumper protects the workpiece from scratches/damages.
· Easy to drive in proper place with slim contact arm.





● Oil supply, Safety goggles, Floor adapter, Board adapter

Capacity	Wire collated nail : 27 - 50mm (1-1/16" - 2")
	Sheet collated nail : 25 - 50mm (1" - 2")
Magazine capacity	200 - 400pcs
Operating pressure	0.98-2.26MPa (140-320PSI)
Dimensions (L x W x H)	260x136x255mm (10-4/1"x5-3/8"x10")
Net weight	1.4kg (3.0lbs)

Dimensions : with hook

P256

Items of standard equipment and specifications may vary by country or area.

Pneumatic Tools

Construction Coil Nailer — AN610H



Very compact and lightweight by using high pressure air.

· Rubberized soft grip.
· Body bumper protects the workpiece from scratches/damages.



Oil supply, Safety goggles, Nose adapter

P256 A

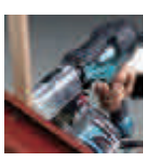
Capacity	Wire collated nail : 32 - 65mm (1-1/4" - 2-1/2")
	Sheet collated nail : 32 - 65mm (1-1/4" - 2-1/2")
Magazine capacity	200-400pcs
Operating pressure	0.98-2.26MPa (140-320PSI)
Dimensions (L x W x H)	285x130x272mm (11-1/4"x5-1/8"x10-3/4")
Net weight	1.9kg (4.2lbs)

Construction Coil Nailer — AN620H



Very compact and lightweight by using high pressure air.

· Rubberized soft grip.
· Body bumper protects the workpiece from scratches/damages.



Oil supply, Safety goggles, Nose adapter

P256 A

Capacity	Wire collated nail : 45 - 65mm (1-3/4" - 2-1/2")
	Sheet collated nail : 38 - 65mm (1-1/2" - 2-1/2")
Magazine capacity	200 - 300pcs
Operating pressure	0.98-2.26MPa (140-320PSI)
Dimensions (L x W x H)	282x136x277mm (11-1/8"x5-3/8"x10-7/8")
Net weight	1.8kg (4.0lbs)

Dimensions : with hook

Construction Coil Nailer — AN711H



Very compact and lightweight by using high pressure air.

· Rubberized soft grip.
· Body bumper protects the workpiece from scratches/damages.



Oil supply, Safety goggles, Nose adapter

P256 A

Capacity	Wire collated nail : 45 - 75mm (1" - 3/4-3")
	Sheet collated nail : 38 - 65mm (1-1/2" - 2-1/2")
Magazine capacity	150 - 300pcs
Operating pressure	1.28-2.26MPa (180-320PSI)
Dimensions (L x W x H)	293x146x288mm (11-1/2"x5-3/4"x11-3/8")
Net weight	2.2kg (4.9lbs)

Dimensions : with hook

Construction Coil Nailer — AN911H



Very compact and lightweight by using high pressure air.

· Rubberized soft grip.
· Body bumper protects the workpiece from scratches/damages.



Oil supply, Safety goggles, Nose adapter

P256 A

Capacity	Wire collated nail : 45 - 90mm (1-3/4" - 3-1/2")
	Sheet collated nail : 45 - 65mm (1-3/4" - 2-1/2")
Magazine capacity	150 - 300pcs
Operating pressure	1.28-2.26MPa (180-320PSI)
Dimensions (L x W x H)	293x146x319mm (11-1/2"x5-3/4"x12-1/2")
Net weight	2.4kg (5.3lbs)

Dimensions : with hook

Narrow Crown Stapler — AT450H



Very compact and lightweight by using high pressure air.

· Rubberized soft grip.
· Rubber bumpers at body and magazine protect the workpiece from scratches/damages.
· Easy to shoot in proper place with slim contact arm.



Oil supply, Safety goggles, Hex wrench, Nose adapter

P256 A

Capacity	Length : 25 - 50mm (1" - 2")
	Width : 6.35mm (1/4")
	Gauge :18Ga
Magazine capacity	84pcs
Operating pressure	0.98-2.26MPa (140-320PSI)
Dimensions (L x W x H)	261x115x269mm (10-1/4"x4-1/2"x10-5/8")
Net weight	1.5kg (3.3lbs)

Dimensions : with hook

Pneumatic Pin Nailer

AF500HP



P256 A

Very compact and lightweight by using high pressure air.

- Rubberized soft grip.
- Rubber bumpers at body and magazine protect the workpiece from scratches/damages.
- Thin Contact Arm and Nose Adapter is convenient for driving in narrow groove.
- Enough driving with short stroke type Contact Arm.
- Driving depth adjustment.



Capacity	Length : 15,18,25,30,35,45,50mm (5/8",3/4",1",1-1/8",1-1/2",1-3/4",2")
	Gauge :23Ga
Magazine capacity	140pcs
Operating pressure	0.98-2.26MPa (140-320PSI)
Dimensions (L x W x H)	228x61x207mm (9"x2-3/8"x8-1/8")
Net weight	1.2kg (2.6lbs)
Dimensions : with hook	

Oil supply, Safety goggles, Hex wrench, Nose adapter

Pneumatic Brad Nailer

AF550H



P256 A

Very compact and lightweight by using high pressure air.

- Rubberized soft grip.
- Rubber bumpers at body and magazine protect the workpiece from scratches/damages.
- Thin Contact Arm and Nose Adapter is convenient for driving in narrow groove.
- Enough driving with short stroke type Contact Arm.
- Driving depth adjustment.



Capacity	Length : 15,20,25,30,35,45,50,55mm (5/8",3/4",1",1-1/8",1-1/2",1-3/4",2",2-1/8")
	Gauge :18Ga
Magazine capacity	104pcs
Operating pressure	0.98-2.26MPa (140-320PSI)
Dimensions (L x W x H)	228x61x235mm (9"x2-3/8"x9-1/4")
Net weight	1.3kg (2.8lbs)
Dimensions : with hook	

Oil supply, Safety goggles, Hex wrench, Nose adapter

Pneumatic Auto Feed Coil Screwdriver

AR410HR



P256 A

Very compact and lightweight by using high pressure air.

- Rubberized soft grip.
- Rubber bumper protects the workpiece from scratches/damages.
- High power and Low noise.



Capacity	Diameter (Steel / Wood) : 3.5mm (1/8") / 3.8mm (5/32")
	Length : 25,28,32,41mm (1",1-1/8",1-1/4",1-5/8")
Magazine capacity	100pcs
Operating pressure	1.76-2.26MPa (260-320PSI)
Dimensions (L x W x H)	296x142x305mm (11-5/8"x5-5/8"x12")
Net weight	2.0kg (4.4lbs)
Dimensions : with hook	

Oil supply, Safety goggles, Hex wrench, Bit

Pneumatic Tools

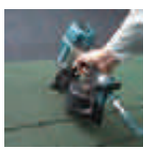
Pneumatic Roofing Coil Nailer — AN453



P256 A

Easy to handle model drives most popular roofing nails 19mm to 45mm (3/4" to 1-3/4").

· For nailing of asphalt and fiber glass shingles.
· High durability.
· Rubberized soft grip provides more control and comfort.
· Driving depth adjustment.



Oil supply, Hex wrench, Safety goggles

Capacity	Length : 19 - 45mm (3/4" - 1-3/4")
Magazine capacity	120pcs
Operating pressure	0.44-0.83MPa (65-120PSI)
Dimensions (L x W x H)	265x131x269mm (10-3/8"x5-1/8"x10-5/8")
Net weight	2.4kg (5.2lbs)

Dimensions : with hook

Pneumatic Pallet Coil Nailer — AN560



P256 A

High durability for making/repairing of pallets or packaging applications.

· Bump-fire mode allows for rapid fire shooting at the high speed required for making/repairing of pallets or packaging operation.
· 360 degree multi-directional exhaust port directs exhaust air away from operator.



Oil supply, Safety goggles, Hex wrench

Capacity	Length : 27-50mm (1-1/16" - 2")
	Wire : 2.1mm (3/32")
Magazine capacity	350-400pcs
Operating pressure	0.49-0.78MPa (70-115PSI)
Dimensions (L x W x H)	300x127x280mm (11-3/4"x5"x11")
Net weight	2.0kg (4.4lbs)

Construction Coil Nailer — AN611



P256 A

Versatile coil nailer.

· Accepts plastic- or wire-collated nails.



Oil supply, Hex wrench, Safety goggles

Capacity	Wire collated nail :
	32 - 65mm (1-1/4" - 2-1/2")
	Sheet collated nail :
	32 - 50mm (1-1/4" - 2")
Magazine capacity	200-400pcs
Operating pressure	0.44 - 0.83MPa (65 - 120PSI)
Dimensions (L x W x H)	332x127x317mm (13-1/16"x5"x12-1/2")
Net weight	2.3kg (5.1lbs)

Construction Coil Nailer — AN621



P256 A

Designed for rapid-firing of the nails.

· Accepts plastic or wire collated nails.
· Easy load canister.
· Rubber grip for comfortable handing.



Oil supply, Hex wrench, Safety goggles

Capacity	Wire collated nail :
	45 - 65mm (1-3/4" - 2-1/2")
	Sheet collated nail :
	50 - 65mm (2" - 2-1/2")
Magazine capacity	200-300pcs
Operating pressure	0.44 - 0.83MPa (65 - 120PSI)
Dimensions (L x W x H)	310x133x305mm (12-1/4"x5-1/4"x12")
Net weight	2.9kg (6.4lbs)

Pneumatic Pallet Coil Nailer — AN960



P256 A

High durability for making/repairing of pallets or packaging applications.

· Bump-fire allows for rapid fire shooting at high speed required for making/repairing of pallets or packaging operation.



Oil supply, Safety goggles

Capacity	Length : 55-100mm
Magazine capacity	225-300pcs
Operating pressure	0.49-0.83MPa (71-120PSI)
Dimensions (L x W x H)	338x153x418mm (7-1/2"x6"x16-1/2")
Net Weight	5.3kg (11.7lbs)

Pneumatic Pallet Coil Nailer — AN961



➔P256 A

High durability for making/repairing of pallets or packaging applications.

· Bump-fire allows for rapid fire shooting at the high speed required for making/repairing of pallets or packaging operation.



Oil supply, Safety goggles

Capacity	*Length : 57-100mm*
Magazine capacity	*225-300pcs*
Operating pressure	*0.49-0.83MPa (71-120PSI)*
Dimensions (L x W x H)	*338x153x418mm (7-1/2"x6"x16-1/2")*
Net Weight	*5.1kg (11.2lbs)*

Pneumatic Pallet Coil Nailer — AN760



➔P256 A

High durability for making/repairing of pallets or packaging applications.

· Bump-fire mode allows for rapid fire shooting at the high speed required for making/repairing of pallets or packaging operation.



Oil supply, Safety goggles

Capacity	*Length : 45 - 75mm (1-3/4" - 2-15/16")* *Wire : 2.3 - 3.3mm (0.0915 - 0.130")*
Magazine capacity	*200-300pcs*
Operating pressure	*0.49 - 0.83MPa (70 - 120PSI)*
Dimensions (L x W x H)	*312x131x331mm (12-1/4"x5-1/8"x13")*
Net weight	*3.2kg (7.1lbs)*

Construction Coil Nailer (wire collation) — AN901



➔P256 A

Fires 45mm to 90mm (1-3/4" to 3-1/2") coil framing nails (Wire-collated nails).

· The most powerful nailer in this class.
· Rubber grip for comfortable handling.



Oil supply, Hex wrench, Safety goggles

Capacity	*Wire collated nail :* *45 - 90mm (1-3/4" - 3-1/2")*
Magazine capacity	*150-300pcs*
Operating pressure	*0.44 - 0.83MPa (65 - 120PSI)*
Dimensions (L x W x H)	*408x131x316mm (16"x5-1/8"x12-1/2")*
Net weight	*3.2kg (7.0lbs)*

Pneumatic Framing Nailer (For full round-head nails) — AN923



➔P256 A

User-friendly, robust framing nailer with hook.

· Large capacity air chamber for increased power.
· Specially designed nose piece prevents slipping.
· Rubber grip for comfortable handling.
· Built-in air filter shuts off dust or foreign matter.
· For full round-head nails.



Oil supply, Safety goggles

Capacity	*Length : 50 - 90mm (2" - 3-1/2")*
Magazine capacity	*64-74pcs*
Operating pressure	*0.44 - 0.83MPa (65 - 120PSI)*
Dimensions (L x W x H)	*559x109x347mm (22"x4-1/4"x13-5/8")*
Net weight	*3.9kg (8.7lbs)*

Pneumatic Framing Nailer (For clipped-head nails) — AN943



➔P256 A

User-friendly, robust framing nailer with hook.

· Large capacity air chamber for increased power.
· Specially designed nose piece prevents slipping.
· Rubber grip for comfortable handling.
· Built-in air filter shuts off dust or foreign matter.
· For clipped-head nails.



Oil supply, Safety goggles

Capacity	*Length : 50 - 90mm (2" - 3-1/2")*
Magazine capacity	*60-84pcs*
Operating pressure	*0.44-0.83MPa (65-120PSI)*
Dimensions (L x W x H)	*455x109x365mm (17-7/8"x4-1/4"x14-3/8")*
Net weight	*3.9kg (8.7lbs)*

Pneumatic Tools

Narrow Crown Stapler — AT638



P256 A

1/4" (6.35mm) narrow crown stapler with durable and lightweight die cast housing.

- 360 degrees multi-direction exhaust ports.
- Rubber body guard / handle.
- Uses standard 18 gauge 1/4" crown staples from 5/8" to 1-1/2" (15mm to 38mm).



Oil supply, Hex wrench x2, Safety goggles

Capacity	*Length : 15 - 38mm (5/8" - 1-1/2")*
	Width : 6.35mm (1/4")
Magazine capacity	*100pcs*
Operating pressure	*0.39 - 0.78MPa (60 - 115PSI)*
Overall length	*247mm (9-3/4")*
Net weight	*1.5kg (3.3lbs)*

Wide Crown Stapler — AT2550A



P256 A

1" (25mm) wide crown stapler to complete the range.

- Depth adjustment.
- Tool-less nail jam clearing.
- Rubber bumper protects the wood surface. Comfortable rubber grip.
- 360 degree multi-direction exhaust port directs exhaust air away from operator.
- Use 16 gauge staple.



Oil supply, Safety goggles, Hex wrench

Capacity	*Length : 25 - 50mm (1" - 2")*
	Width : 25mm (1")
	Gauge :16Ga
Magazine capacity	*140pcs*
Operating pressure	*0.44 - 0.83MPa (65 - 120PSI)*
Dimensions (L x W x H)	*370x76x260mm (14-1/2"x3"x10-1/4")*
Net weight	*2.3kg (5.1lbs)*

Optional accessories : sequential trigger

Medium Crown Stapler — AT1150A



P256 A

7/16" (11mm) medium crown stapler, durable and light weight.

- Depth adjustment.
- Tool-less nail jam clearing.
- Rubber bumper protects the wood surface. Comfortable rubber grip.
- 360 degree multi-direction exhaust port directs exhaust air away from operator.
- Use 16 gauge staple.



Oil supply, Safety goggles, Hex wrench

Capacity	*Length : 25 - 50mm (1" - 2")*
	Width : 11mm (7/16")
	Gauge :16Ga
Magazine capacity	*140pcs*
Operating pressure	*0.44 - 0.83MPa (65 - 120PSI)*
Dimensions (L x W x H)	*290x87x370mm (11-3/8"x3-7/16"x14-1/2")*
Net weight	*2.3kg (5.1lbs)*

Optional accessories : sequential trigger

Pin Nailer — AF201Z



P256 A

Applicable for finishing jobs.

- Rubberized soft grip.
- Lightweight.



Oil supply, Hex wrench

Capacity	*Length : 12 - 25mm (15/32" - 2")*
Magazine capacity	*100pcs*
Operating pressure	*0.44-0.86MPa (65-125PSI)*
Dimensions (L x W x H)	*240x45x170mm (9-1/2"x1-3/4"x6-3/4")*
Net weight	*0.9kg (2.0lbs)*

Pneumatic Brad Nailer — AF505



P256 A

Handy and lightweight brad nailer.

- Tool-less depth adjustment and clear jam release.
- Rubber bumper protects the wood surface.
- 360 degrees multi-direction exhaust port.
- Rubberized soft grip.
- Use 18 gauge blad nails.



Oil supply, Safety goggles

Capacity	*Length : 15 - 50mm (5/8" - 2")*
	Gauge :18Ga
Magazine capacity	*100pcs*
Operating pressure	*0.39 - 0.78MPa (60 - 115PSI)*
Dimensions (L x W x H)	*260x64x237mm (10-1/4"x2-1/2"x9-3/8")*
Net weight	*1.4kg (3.1lbs)*

Pneumatic Brad Nailer

AF600



➔P256 A

16 Gauge lightweight finish nailer.

· Rubberized soft grip.
· High durability.
· Driving depth adjustment.



Oil supply, Hex wrench, Safety goggles

Capacity	Length : 20 - 64mm (3/4" - 2-1/2")
	Gauge :16Ga
Magazine capacity	100pcs
Operating pressure	0.5-0.8MPa (72.5-116PSI)
Dimensions (L x W x H)	292x74x272mm (10-1/2"x2-7/8"x10-3/4")
Net weight	1.6kg (3.5lbs)

Cordless Clipped Head Framing Nailer

GN900



➔P256 A

Easy Handling by using fuel gas as the power source, not using hoses and compressors.

· 1,200 nails (approx.):the number of nails per Fuel cell.
· Protective bumpers protect workpiece and the tool from scratches/ damage.
· Anti-Dry-Fire mechanism.
· Contact arm's top with anti-slip sure-grip spikes.
· LED indication lamp for battery power warning and trouble detection.



7.2V

Charger, Battery cartridge, Hex wrench, Safety goggles

Capacity	Length : 50 - 90mm (2" - 3-1/2")
	Diameter : 2.9 - 3.3mm (0.113" - 0.131")
Magazine capacity	44pcs
Dimensions (L x W x H)	321x108x368mm (12-5/8"x4-1/4"x14-1/2")
Net weight	3.4kg (7.5lbs)

Cordless Brad Nailer

GF600



➔P256 A

Hoseless brad nailer driven by battery and fuel cell.

· 1,000 nails(approx.): the number of nails per fuel cell.
· LED indication lamp for battery power warning and trouble detection.
· LED job light illuminates workpiece brightly for efficient operation in dark place.



7.2V

Charger, Battery cartridge, Safety goggles, Nose adapter, Wrenches, Short nail adapter set

Capacity	Length : 15 - 64mm (5/8" - 2-1/2")
	Gauge :16Ga
Magazine capacity	100pcs
Dimensions (L x W x H)	266x90x305mm (10-1/2"x3-1/2"x12")
Net weight	2.2kg (4.8lbs)

Cordless Concrete Nailer

GN420C



➔P256 A

Hoseless concrete nailer driven by battery and fuel cell for general purpose.

· Nose tip designed to provide better visibility for quick and easy access to a desired driving point of work piece.
· LED indication lamp for battery power warning and trouble detection.
· LED job light illuminnates workpiece brightly for efficient operation in dark place.
· Depth adjustment dial to raise/lower the nose without a wrench.



7.2V

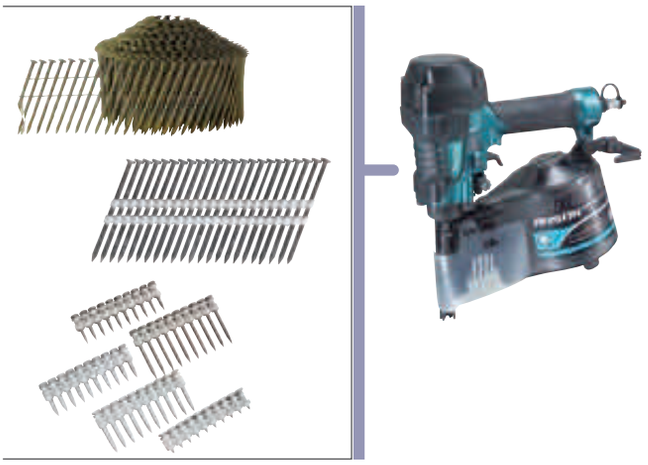
Charger, Battery cartridge, Safety goggles, Hex wrench

Capacity	Length : 15 - 40mm (5/8" - 1-9/16")
	Diameter : 2.6 - 3.1mm (0.102" - 0.122")
Magazine capacity	20pcs
Dimensions (L x W x H)	315x108x390mm (12-3/8"x4-1/4"x15-3/8")
Net weight	3.6kg (7.9lbs)

Accessories

Pneumatic Tools_App

A Nails, Staples and Screws → Page 555



Air hose assembly

(with one-touch joint)

*Reel type



Type	Part No.
Inner dia. 8.5mm Length 20m	122311-4
High pressure tools Length 30 m with reel	*B-80008
High pressure tools Length 30 m	B-80020
High pressure tools Length 15 m	B-80014
High pressure tools Length 7.5 m	B-80036

Carrying tool





Model No.	Part No.
AC310H	HY00000212

Magazine set



Model No.	Magazine capacity	Part No.
GN420C	20 pins (2 strips)	196806-3
	40 pins (4 strips)	196805-5

GN series Accessory



Description	for Europe	for Australia	for North America
	Part No.	Part No.	Part No.
For Model			
GN900			
Fuel Cell Twin Pack	194844-9	194845-7	195088-4
Cleaner	242075-5	242076-3	242081-0
Lubricanting Oil	242077-1	242078-9	242082-8
For Model			
GN900, GN420C, GF600			
Cleaning Kit	194852-0	194853-8	195140-8
For Model			
GN900, GN420C			
Service Kit	196234-2	-	-

First aid kit

Includes O-rings, etc.

Model No.	Part No.
AN450H, AN610H, AN620H	194735-4
AN510H, AT450H	194736-2
AN711H, AN911H, AN250HC	194737-0
AN923, AN943	194522-1
AR410HR	194738-8

Inlet filter



Model No.	Part No.
AN451	413054-2
AN621, AN611, AN901	415784-1
AN922, AN942	416890-5
AG900, AG125	416902-4
AN923, AN943	419356-4

Oil supply 30mL



Part No.
181434-7

Safety goggles



Part No.
195246-2

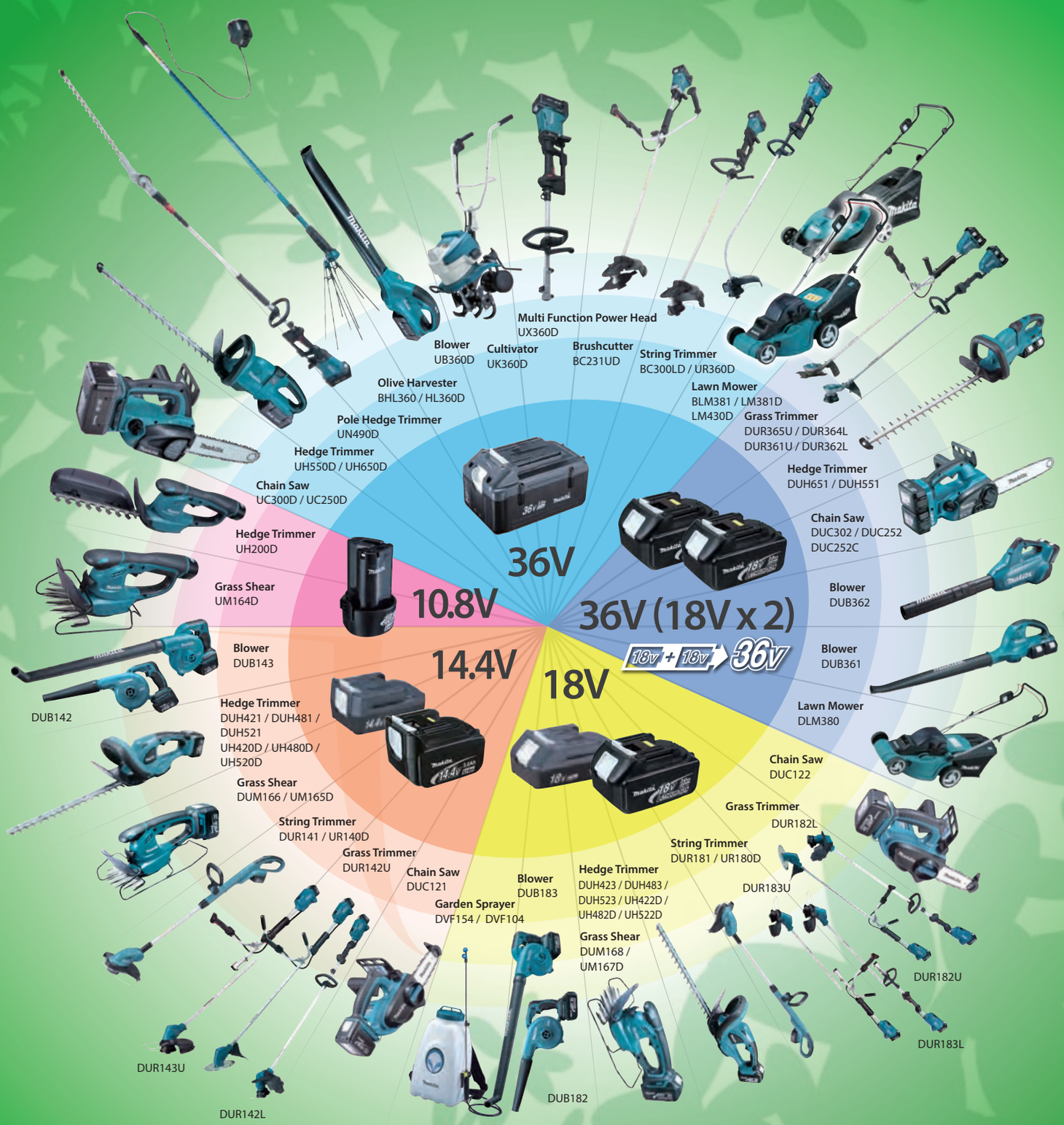
PRODUCTS

OUTDOOR POWER EQUIPMENT



- Double Insulation
- Variable Speed
- variable Speed
- Brake
- Reversing
- Electronic 2-Speed
- Electronic 3-Speed
- Torque Limiter
- Soft Start
- Anti Vibration
- Automatic Oiling
- Chain Brake
- Primer Pump
- Capacitor Discharge Ignition
- Decompression Valve
- Auto Decompression
- Rapid Start
- Carrying Case

A wide variety of Lithium-ion Garden Tools



Cordless Chain Saw

DUC252 250mm (10") / DUC302 300mm (12")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 442



Cordless chain saws powered by two 18V Li-ion batteries in series.

· New adjustment lever for easier tool-less saw chain/ tension adjustment.
· Battery capacity warning lamp.



18V

Chain speed per minute	500m (1,650ft)
Guide bar length	DUC252 : 250mm (10")
	DUC302 : 300mm (12")
Chain blade	Pitch : 3/8" or 1/4"
Sound pressure level	84.4dB(A)
Sound power level	95.4dB(A)
Dimensions (L x W x H)	DUC252 :
	527x234x198mm (20-3/4"x9-1/4"x7-3/4")
	DUC302 :
	577x234x198mm (22-3/4"x9-1/4"x7-3/4")
Max. output	0.80kW
Net weight	4.1kg (9.0lbs)

● Fast charger, Battery cartridge, Guide bar cover, Oil supply, File

P302 A

Cordless Chain Saw

DUC252C 250mm (10")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 442



Cordless chain saws powered by two 18V Li-ion batteries in series.

· New adjustment lever for easier tool-less saw chain/ tension adjustment.
· Battery capacity warning lamp.



18V

Chain speed per minute	500m (1,650ft)
Guide bar length	250mm (10")
Saw chain	Pitch : 3/8" or 1/4"
Chain oil tank	85ml
Sound pressure level	84.4dB(A)
Sound power level	95.4dB(A)
Dimensions (L x W x H)	527x234x198mm (20-3/4"x9-1/4"x7-3/4")
Max. output	0.80kW
Net weight	4.1kg (9.0lbs)

● Fast charger, Battery cartridge, Guide bar cover, Oil supply, File

P302 A

Cordless Hedge Trimmer

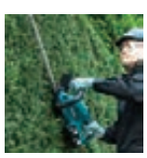
DUH551 550mm (21-5/8") / DUH651 650mm (25-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 442



High maneuverability and environment-friendly.

· Rotatable rear handle.
· Good balance of weight.
· Low noise.



18V

Blade length	DUH551 : 550mm (21-5/8")
	DUH651 : 650mm (25-1/2")
Strokes per minute (spm)	2,000-3,600
Sound pressure level	DUH551 : 81.5dB(A)
	DUH651 : 82dB(A)
Sound power level	DUH551 : 91dB(A)
	DUH651 : 91.1dB(A)
Dimensions (L x W x H)	DUH551 :
	1,065x225x200mm (42"x8-7/8"x7-7/8")
	DUH651 :
	1,135x225x200mm (44-3/4"x8-7/8"x7-7/8")
Max. output	0.32kW
Net weight	DUH551 : 4.6kg (10.2lbs)
	DUH551 : 4.7kg (10.3lbs)

● Fast charger, Battery cartridge, Blade cover

P302

Cordless Grass Trimmer

DUR361U

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



Cordless grass trimmer powered by two 18V Li-ion batteries in series.

· Battery capacity warning lamp.
· XPT (eXtreme Protection Technology).
· Variable speed control by dial.



18V

No load speed (rpm)	3,500-7,300
Spindle size	M8 x 1.25LH
Sound pressure level	82dB(A)
Sound power level	94dB(A)
Dimensions (L x W x H)	1,888x600x458mm (74-1/2"x23-5/8"x18")
Max. output	0.50kW
Net weight	5.4kg (11.9lbs)

● Fast charger, Battery cartridge, Blade, Shoulder harness with single shoulder strap, Wrenches

P302 B

Cordless Grass Trimmer

DUR362L

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



Cordless grass trimmer powered by two 18V Li-ion batteries in series.

· Battery capacity warning lamp.
· XPT (eXtreme Protection Technology).
· Variable speed control by dial.



18V

No load speed (rpm)	3,500-6,600
Spindle size	M8 x 1.25LH
Sound pressure level	80dB(A)
Sound power level	95dB(A)
Dimensions (L x W x H)	1,856x286x246mm (73"x11-1/4"x9-11/16")
Max. output	0.50kW
Net weight	5.1kg (11.3lbs)

● Fast charger, Battery cartridge, Blade, Shoulder harness with single shoulder strap, Wrenches

P302 B

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Low noise, High power and more work amount thanks to New Brushless motor

18V LITHIUM-ION

new



XPT
EXTREME PROTECTION TECHNOLOGY

DUR365U



Electronic 3-speed:
High/ Medium/ Low
(6,500, 5,300, 3,500min^{-1})

Ergonomic handle bar of Off-set design

Designed so that the vertical center line of the handle bar stays aligned with that of user
• Enables user to work in a comfortable posture with less fatigue throughout operation.
• Provides higher maneuverability.

DUR364L



Loop handle

Electronic 2-speed:
High/ Low (6,500/ 5,000min^{-1})

255mm Plastic blade (Optional accessory)
• able to cut thicker weed.
• able to cut 20-30% larger area of weed on a full battery charge.

Plastic blade Set Part No. 197188-6	Replacement plastic blade Part No. 197189-4
	

BL MOTOR





• High torque thanks to outer rotor brushless motor
• High power
• Better view of the blade tips obtained by using the low-profile motor to allow for low height design of motor housing.
• High work efficiency achieved by placing the motor on the blade side of motor housing to realize direct drive system.

Cordless Grass Trimmer — DUR365U

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new



High power and more work amount, powered by two 18V Li-ion batteries in series.

- Direct drive system featuring Outer rotor brushless motor.
- Multifunctional control panel for operating main/variable speed control/reversing switches.
- Ergonomic handle bar of Off-set design.

No load speed (rpm)	3,500-5,500-6,500
Spindle size	M10 x 1.25LH
Dimensions (L x W x H)	1,888x600x458mm (74-1/2"x23-5/8"x18")
Net weight	5.2kg (11.4lbs)



18V

Fast charger, Battery cartridge, Blade, Universal guard, Shoulder harness with double shoulder strap, Wrenches

P302 B

Cordless Grass Trimmer — DUR364L

Li-ion Ah 5.0 4.0 3.0 2.0 1.5

new



High power and more work amount, powered by two 18V Li-ion batteries in series.

- Direct drive system featuring Outer rotor brushless motor.
- Multifunctional control panel for operating main/variable speed control/reversing switches.
- 350mm nylon cutting head rotating clockwise prevents grass clippings from flying towards user's side.

No load speed (rpm)	5,000-6,500
Spindle size	M8 x 1.25RH
Dimensions (L x W x H)	1,797x310x229mm (70-3/4"x12-1/4"x9")
Net weight	4.5kg (9.9lbs)



18V

Fast charger, Battery cartridge, Nylon cutting head, Universal guard, Shoulder harness with double shoulder strap, Wrenches

P302 B

Cordless Blower — DUB362

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430

new



High air volume and air speed delivered by brushless motor and two 18V Li-ion batteries in series.

- Variable speed control by trigger and dial (6 steps)
- Most suitable grip angle.
- More long time by brushless motor.
- Less strident wind blow noise.
- XPT (eXtreme Protection Technology)

Air volume	6.7-13.3m³/min
Air speed	27-53m/s
No load speed (rpm)	11,400-21,500
Sound power level	96dB(A)
Vibration level	2.5m/s²
Dimensions	881-981x204x298mm
(L x W x H)	(34-3/4"-38-5/8"x8"x11-3/4")
Net weight	3.9kg (8.6lbs)



18V

Fast charger, Battery cartridge, Nozzle, Shoulder belt

P302 A

Cordless Blower — DUB361

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 — 430



Cordless blower powered by two 18V Li-ion batteries in series.

- High / Low push button for two different air volume settings.
- XPT (eXtreme Protection Technology)

Air volume	Hi : 4.4m³/min
	Lo : 2.6m³/min
Air speed	Hi : 93m/s
	Lo : 57m/s
No load speed (rpm)	Hi : 17,000
	Lo : 10,000
Sound pressure level	82.3dB(A)
Sound power level	94.7dB(A)
Dimensions (L x W x H)	905x141x194mm (35-5/8"x5-5/8"x7-5/8")
Net weight	2.6kg (5.9lbs)



18V

Fast charger, Battery cartridge, Nozzle, Shoulder belt

Cordless Lawn Mower — DLM380

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



Lawn mower-Powered by two 18V Li-ion batteries in series.

- High maneuverability and enviroment-friendly.
- Battery capacity warning lamp.
- Light-weight glass box.
- XPT(eXtreme Protection Technology).

Cutting width	380mm (15")
Cutting height	25-75mm (1 - 2-15/16")
No load speed (rpm)	3,700
Recommended mowing	270-540m²
area up to	
Grass box capacity	40L
Dimensions	1,145x465x1,023mm
(L x W x H)	(45"x18-1/4"x40-1/4")
Max. output	0.62kW
Net weight	14.5kg (32.0lbs)



18V

Fast charger, Battery cartridge, Wrench, Blade

Cordless tool

Battery & charger time reference chart P.14

Cordless Grass Trimmer — DUR183U

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



Lightweight yet powerful cordless grass trimmer powered by 18V Li-ion batteries.

- High power yet lightweight Brushless DC motor placed on the bottom side of the shaft will provide easy handling and high trimming performance.
- Split shaft.
- Enhanced dust and drip-proof performance for use in bad weather.
- Compatible with Metal blades, Nylon cutting heads and Plastic blade.
- Reverse switch for removing grass clippings from the cutting tool.



18V

P302 B

No load speed (rpm)	3,500-6,000
Spindle size	M8x1.25LH
Sound pressure level	79dB(A)
Sound power level	90dB(A)
Vibration level Left handle	2.5m/s²
Vibration level Right handle	2.5m/s²
Dimensions (L x W x H)	1,843x626x478mm (72-1/2"x24-5/8"x18-3/4")
Max. output	250W
Net weight	4.1kg (9.0lbs)

● Fast charger, Battery cartridge, Single harness, Nylon cutting head, Wrenches, Safety goggles

Cordless Grass Trimmer — DUR183L

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



High power yet lightweight Brushless DC motor placed on the bottom side of the shaft will provide easy handling and high trimming performance.

- Split shaft model.
- Enhanced dust and drip-proof performance for use in bad weather.
- Compatible with Metal blades, Nylon cutting heads and Plastic blades.
- Reverse switch for removing grass clippings from the cutting tool.



18V

P302 B

No load speed (rpm)	3,500-6,000
Spindle size	M8x1.25LH
Sound pressure level	79dB(A)
Sound power level	90dB(A)
Vibration level Front handle	2.5m/s²
Vibration level Rear handle	2.5m/s²
Dimensions (L x W x H)	1,843x287x253mm (72-1/2"x11-1/4"x10")
Max. output	250W
Net weight	4.1kg (9.1lbs)

● Fast charger, Battery cartridge, Single harness, Nylon cutting head, Wrenches, Safety goggles

Cordless Grass Trimmer — DUR182U

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



Dust/Drop-proofness.

- Well balanced for ease of use.
- Plastic blade & Nylon cord.



18V

P302 B

No load speed (rpm)	3,500-6,000
Spindle size	M8 x 1.25LH
Sound pressure level	79dB(A)
Sound power level	90dB(A)
Vibration level Left handle	2.5m/s²
Vibration level Right handle	2.5m/s²
Dimensions (L x W x H)	1,843x626x478mm (72-1/2"x24-5/8"x18-3/4")
Max. output	250W
Net weight	3.9kg (8.5lbs)

● Fast charger, Battery cartridge, Blade, Blade guard, Harness, Wrenches, Safety goggles

Cordless Grass Trimmer — DUR182L

Li-ion Ah 5.0 4.0 3.0 2.0 1.5



Dust/Drop-proofness.

- Well balanced for ease of use.
- Plastic blade & Nylon cord.



18V

P302 B

No load speed (rpm)	3,500-6,000
Spindle size	M8 x 1.25LH
Sound pressure level	79dB(A)
Sound power level	90dB(A)
Vibration level Front handle	2.5m/s²
Vibration level Rear handle	2.5m/s²
Dimensions (L x W x H)	1,843x287x253mm (72-1/2"x11-1/4"x10")
Max. output	250W
Net weight	3.9kg (8.6lbs)

● Fast charger, Battery cartridge, Blade, Blade guard, Harness, Wrenches, Safety goggles

Cordless String Trimmer — DUR181

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



Well balanced tool design.

- Adjustable loop-handle and telescopic pipe shaft.
- Adjustable cutting head.
- 5-position pivoting head.



18V

P302 B

Cutting width	260mm (10-1/4")
No load speed (rpm)	7,800
Sound pressure level	82dB(A)
Sound power level	88.5dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	1,229~1,433x267x257mm (48-1/2~56-1/2"x10-1/2"x10-1/8")
Net weight	2.9kg (6.4lbs)

● Fast charger, Battery cartridge, Shoulder belt, Safety goggles, Nylon cutting head, Nylon cord

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless Chain Saw

DUC122 115mm (4-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 | 430



P302 A

High cutting speed with powerful motor.

- Automatic chain oiling.
- Toolless change and tension adjustment of chain blade.
- Ergonomically designed top handle.
- Tip guard prevents kickback.
- Top handle is positioned enabling to apply more force to chain blade.



18V

Fast charger, Battery cartridge, Guide bar cover, Oil supply, File

Chain speed per minute	300m (975ft)
Guide bar length	115mm (4-1/2")
Saw chain	Pitch : 1/4"
Sound pressure level	84.6dB(A)
Sound power level	92.7dB(A)
Vibration level	4.3m/s²
Dimensions (L x W x H)	422x195x215mm (16-5/8"x7-5/8"x8-1/2")
Max. output	0.30kW
Net weight	2.6kg (5.7lbs)

Cordless Hedge Trimmer

DUH423 420mm (16-1/2") / DUH483 480mm (17-7/8") / DUH523 420mm (16-1/2")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P302

User-replaceable blade.

- Anti-vibration structure,5 cushions to absorb vibration from blade and motor-crank section.
- Rubberized soft grip provides comfortable and sure grip.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.



18V

Fast charger, Battery cartridge, Blade cover

	DUH423	DUH483	DUH523
Blade length	420mm (16-1/2")	480mm (18-7/8")	520mm (20-1/2")
Strokes per minute (spm)	2,700	2,700	2,700
Tooth spacing	26mm (1")	26mm (1")	26mm (1")
Sound pressure level	75dB(A)	75dB(A)	77dB(A)
Sound power level	84.3dB(A)	83.8dB(A)	84.3dB(A)
Vibration level	2.5m/s²	2.5m/s²	2.5m/s²
Dimensions (L x W x H)	838x195x193mm (33"x7-5/8"x7-5/8")	888x195x193mm (35"x7-5/8"x7-5/8")	938x195x193mm (37"x7-5/8"x7-5/8")
Max. output	210W	210W	210W
Net weight	3.0kg (6.5lbs)	3.0kg (6.7lbs)	3.1kg (6.8lbs)

Cordless Grass Shear

DUM168 160mm (6-5/16")

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P302, P303

Both trimmer blade and shear blade can be attached.

- Toolless blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Cutting height is adjusted at 3 stages.(10mm,20mm,30mm)
- Durable shear blade with special coating.



18V

Fast charger, Battery cartridge, Blade cover, Base frame

Cutting width	160mm (6-5/16")
Strokes per minute (spm)	2,500
Sound pressure level	74dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	353x176x130mm (13-7/8"x6-15/16"x5-1/8")
Net weight	1.4kg (3.1lbs)

Cordless Blower

DUB183

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P302

Long leaf blower nozzle with curved flat end enables to use the machine comfortably in an upright standing posture.

- Three Air volume settings; High/ Medium/ Low.
- Ergonomically designed handle with rubberized soft grip.
- Variable speed control by trigger.



18V

Fast charger, Battery cartridge, Leaf blower nozzle

Air volume	2.6m³/min
Air speed	52m/s
No load speed (rpm)	0-18,000
Sound pressure level	85dB(A)
Sound power level	95dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	845x155x212mm (33-1/4"x6-1/8"x8-3/8")
Net weight	1.7kg (3.8lbs)

This machine cannot be used as a vacuum because it will get clogged with leaf or branch debris.

Cordless Blower

DUB182

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



P302

High/ Medium/ Low air volume settings.

- Ergonomically designed rubberized grip.
- Anti-static electricity for comfortable operation.



18V

Fast charger, Battery cartridge, Nozzle assembly

Air volume	2.6m³/min
Air speed	80m/s
Air pressure	5.4kPa (550mm H2O)
No load speed (rpm)	0-18,000
Sound pressure level	85dB(A)
Sound power level	95dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	525x155x212mm (20-3/4"x6-1/8"x8-3/8")
Net weight	1.7kg (3.7lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.14

Cordless Garden Sprayer — DVF154 15L / DVF104 10L

Li-ion Ah 5.0 4.0 3.0 2.0 1.5 1.3



➔P302

Environment-friendly with no emission and extremely low noise.

- Hand valve lever with 2 selectable modes.
- Reduced running cost with rechargeable Li-ion battery.
- Compact and lightweight cordless sprayer provides easy handling and high maneuverability.
- Two different nozzles included as standard equipment for added versatility.



18V

	DVF154	DVF104
Max. pressure	0.3Mpa (3kgf/cm²)	0.3Mpa (3kgf/cm²)
Chemical tank	15L	10L
Dimensions (L x W x H)	345x235x525mm (13-5/8"x9-1/4"x20-3/4")	315x225x415mm (12-3/8"x8-7/8"x16-3/8")
Net weight	4.1kg (9.0lbs)	3.8kg (8.4lbs)

● Fast charger, Battery cartridge, Y-shaped double nozzle, Wide angle nozzle, Spray pipe holder, Shoulder harness

Cordless Grass Trimmer — DUR143U

Li-ion Ah 4.0 3.0 1.5



XPT EXTREME PROTECTION TECHNOLOGY
BL MOTOR

➔P302 B

Lightweight yet powerful cordless grass trimmer powered by 14.4V Li-ion batteries.

- High power yet lightweight Brushless DC motor placed on the bottom side of the shaft will provide easy handling and high trimming performance.
- Split shaft.
- Enhanced dust and drip-proof performance for use in bad weather.
- Compatible with Metal blades, Nylon cutting heads and Plastic blade.
- Reverse switch for removing grass clippings from the cutting tool.



14.4V

No load speed (rpm)	3,500-6,000
Spindle size	M8x1.25LH
Sound pressure level	78dB(A)
Sound power level	89dB(A)
Vibration level Left handle	2.5m/s²
Vibration level Right handle	2.5m/s²
Dimensions (L x W x H)	1,843x626x478mm (72-1/2"x24-5/8"x18-3/4")
Net weight	4.0kg (8.8lbs)

● Fast charger, Battery cartridge, Single harness, Nylon cutting head, Wrenches, Safety goggles

Cordless Grass Trimmer — DUR142U

Li-ion Ah 4.0 3.0 1.5



XPT EXTREME PROTECTION TECHNOLOGY
BL MOTOR

➔P302 B

Lightweight yet powerful cordless grass trimmer powered by 14.4V Li-ion batteries.

- High power yet lightweight Brushless DC motor placed on the bottom side of the shaft will provide easy handling and high trimming performance.
- Split shaft.
- Enhanced dust and drip-proof performance for use in bad weather.
- Compatible with Metal blades, Nylon cutting heads and Plastic blade.
- Reverse switch for removing grass clippings from the cutting tool.



14.4V

No load speed (rpm)	3,500-6,000
Spindle size	M8 x 1.25LH
Sound pressure level	78dB(A)
Sound power level	89dB(A)
Vibration level Left handle	2.5m/s²
Vibration level Right handle	2.5m/s²
Dimensions (L x W x H)	1,843x626x478mm (72-1/2"x24-5/8"x18-3/4")
Net weight	3.8kg (8.3lbs)

● Fast charger, Battery cartridge, Blade, Blade guard, Harness, Wrenches, Safety goggles, Accessory bag

Cordless Grass Trimmer — DUR142L

Li-ion Ah 4.0 3.0 1.5



XPT EXTREME PROTECTION TECHNOLOGY
BL MOTOR

➔P302 B

Lightweight yet powerful cordless grass trimmer powered by 14.4V Li-ion batteries.

- High power yet lightweight Brushless DC motor placed on the bottom side of the shaft will provide easy handling and high trimming performance.
- Split shaft.
- Enhanced dust and drip-proof performance for use in bad weather.
- Compatible with Metal blades, Nylon cutting heads and Plastic blade.
- Reverse switch for removing grass clippings from the cutting tool.



14.4V

No load speed (rpm)	3,500-6,000
Spindle size	M8 x 1.25LH
Sound pressure level	78dB(A)
Sound power level	89dB(A)
Vibration level Front handle	2.5m/s²
Vibration level Rear handle	2.5m/s²
Dimensions (L x W x H)	1,843x287x253mm (72-1/2"x11-1/4"x10")
Net weight	3.8kg (8.3lbs)

● Fast charger, Battery cartridge, Blade, Blade guard, Harness, Wrenches, Safety goggles

Cordless String Trimmer — DUR141

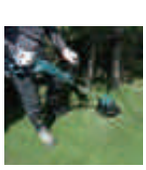
Li-ion Ah 4.0 3.0 1.5 1.3



➔P302 B

Well balanced tool design.

- Adjustable loop-handle and telescopic pipe shaft.
- Adjustable cutting head.
- 5-position pivoting head.



14.4V

Cutting width	260mm (10-1/4")
No load speed (rpm)	6,000
Sound pressure level	75dB(A)
Sound power level	83.7dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	1,229~1,433x267x257mm (48-1/2~56-1/2"x10-1/2"x10-1/8")
Net weight	2.9kg (6.3lbs)

● Fast charger, Battery cartridge, Shoulder belt, Safety goggles, Nylon cutting head, Nylon cord

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Battery & charger time reference chart P.14

Cordless Chain Saw

DUC121 115mm (4-1/2")

Li-ion Ah 4.0 3.0 1.5 — 430



P302 A

High cutting speed with powerful motor.

- Automatic chain oiling.
- Toolless change and tension adjustment of chain blade.
- Ergonomically designed top handle.
- Tip guard prevents kickback.
- Top handle is positioned enabling to apply more force to chain blade.



14.4V

Fast charger, Battery cartridge, Guide bar cover, Oil supply, File

Chain speed per minute	290m (943ft)
Guide bar length	115mm (4-1/2")
Saw chain	Pitch : 1/4"
Sound pressure level	84dB(A)
Sound power level	92dB(A)
Vibration level	4.2m/s²
Dimensions (L x W x H)	422x195x215mm (16-5/8"x7-5/8"x8-1/2")
Net weight	2.5kg (5.5lbs)

Cordless Hedge Trimmer

DUH421 420mm (16-1/2") / DUH481 480mm (18-7/8") / DUH521 520mm (20-1/2")

Li-ion Ah 4.0 3.0 1.5 1.3



P302

User-replaceable blade.

- Anti-vibration structure,5 cushions to absorb vibration from blade and motor-crank section.
- Rubberized soft grip provides comfortable and sure grip.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.



14.4V

Fast charger, Battery cartridge, Blade cover

	DUH421	DUH481	DUH521
Blade length	420mm (16-1/2")	480mm (18-7/8")	520mm (20-1/2")
Strokes per minute (spm)	2,700	2,700	2,700
Tooth spacing	26mm (1")	26mm (1")	26mm (1")
Sound pressure level	74dB(A)	75dB(A)	75dB(A)
Sound power level	82.5dB(A)	83.2dB(A)	82.9dB(A)
Vibration level	2.5m/s²	2.5m/s²	2.5m/s²
Dimensions (L x W x H)	831x195x193mm (32-3/4"x7-5/8"x7-5/8")	881x195x193mm (34-3/4"x7-5/8"x7-5/8")	931x195x193mm (36-3/4"x7-5/8"x7-5/8")
Net weight	2.9kg (6.4lbs)	3.0kg (6.5lbs)	3.0kg (6.7lbs)

Cordless Grass Shear

DUM166 160mm (6-5/16")

Li-ion Ah 4.0 3.0 1.5 1.3



P302, P303

Both trimmer blade and shear blade can be attached.

- Toolless blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Cutting height is adjusted at 3 stages.(10mm,20mm,30mm)
- Durable shear blade with special coating.



14.4V

Fast charger, Battery cartridge, Blade cover, Base frame

Cutting width	160mm (6-5/16")
Strokes per minute (spm)	2,500
Sound pressure level	74dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	350x176x130mm (13-3/4"x6-15/16"x5-1/8")
Net weight	1.3kg (3.0lbs)

Cordless Blower

DUB143

Li-ion Ah 4.0 3.0 1.5 1.3



P302

Long leaf blower nozzle with curved flat end enables to use the machine comfortably in an upright standing posture.

- Three Air volume settings; High/ Medium/ Low.
- Ergonomically designed handle with rubberized soft grip.
- Variable speed control by trigger.



14.4V

Fast charger, Battery cartridge, Leaf blower nozzle

Air volume	2.6m³/min
Air speed	50m/s
No load speed (rpm)	0-18,000
Sound pressure level	85dB(A)
Sound power level	95dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	829x155x212mm (32-5/8"x6-1/8"x8-3/8")
Net weight	1.7kg (3.7lbs)

This machine cannot be used as a vacuum because it will get clogged with leaf or branch debris.

Cordless Blower

DUB142

Li-ion Ah 4.0 3.0 1.5 1.3



P302

High/ Medium/ Low air volume settings.

- Ergonomically designed rubberized grip.
- Anti-static electricity for comfortable operation.



14.4V

Fast charger, Battery cartridge, Nozzle assembly

Air volume	2.6m³/min
Air pressure	5.4kPa (550mm H2O)
No load speed (rpm)	0-18,000
Sound pressure level	85dB(A)
Sound power level	95dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	509x155x212mm (20"x6-1/8"x8-3/8")
Net weight	1.6kg (3.5lbs)

Cordless tool

Battery & charger time reference chart P.15

Cordless Hedge Trimmer

UH200D 200mm (7-7/8")

Li-ion Ah 1.3



P302

Both trimmer blade and shear blade can be attached.

- Easy blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Durable blade with special coating.



10.8V

Charger, Battery cartridge, Blade cover, Chip receiver

Blade length	200mm (7-7/8")
Strokes per minute (spm)	2,500
Sound pressure level	73.7dB(A)
Sound power level	81.8dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	460x120x130mm (18-1/8"x4-3/4"x5-1/8")
Net weight	1.2kg (2.7lbs)

Cordless Grass Shear

UM164D 160mm (6-5/16")

Li-ion Ah 1.3



P302, P303

Both trimmer blade and shear blade can be attached.

- Easy blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Cutting height is adjusted at 3 stages.
- Durable shear blade with special coating.



10.8V

Charger, Battery cartridge, Blade cover, Base frame

Cutting width	160mm (6-5/16")
Strokes per minute (spm)	2,500
Sound pressure level	75.9dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	292x178x130mm (11-1/2"x7"x5-1/8")
Net weight	1.1kg (2.4lbs)

Easy blade change system

Interchangeable blade system allows easy conversion from hedge trimmer blade to grass shear blade.



1



2



3



4



Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Battery & charger time reference chart P.77

Cordless Chain Saw

UC250D 250mm (10") / UC300D 300mm (12")

Li-ion Ah 2.6 2.2 — 442



➔P302 A

High power and environment-friendly.

- Kick-back brake.
- Toolless blade replacement.
- Automatic chain oiling.
- Chain blade pitch : 3/8" for sprocket nose bar, 1/4" for carving bar.



36V

	UC250D / UC300D	UC250D / UC300D
Chain speed per minute	500m (1,640ft)	500m (1,640ft)
Guide bar length	250mm (10")	300mm (12")
Saw chain	Pitch : 3/8" or 1/4"	Pitch : 3/8" or 1/4"
Chain oil tank	85ml	85ml
Sound pressure level	87.3dB(A)	87.3dB(A)
Sound power level	95.3dB(A)	95.3dB(A)
Vibration level	7.0m/s²	6.3m/s²
Dimensions (L x W x H)	576x239x200mm (22-3/4"x9-3/8"x7-7/8")	626x239x200mm (24-5/8"x9-3/8"x7-7/8")
Max. output	0.70kW	0.70kW
Net weight	4.5kg (9.9lbs)	4.6kg (10.1lbs)

Dimentions and Net weight are with Battery BL3626.

● Charger, Battery cartridge, Guide bar cover, Oil supply, File

Cordless Hedge Trimmer

UH550D 550mm (21-5/8") / UH650D 650mm (25-1/2")

Li-ion Ah 2.6 2.2 — 442



➔P302

High maneuverability and environment-friendly.

- Rotatable rear handle.
- Good balance of weight.
- Low noise.



36V

	UH550D	UH650D
Blade length	550mm (21-5/8")	650mm (25-1/2")
Strokes per minute (spm)	2,000-3,600	2,000-3,600
Tooth spacing	36mm (1-7/16")	36mm (1-7/16")
Sound pressure level	85.1dB(A)	84.3dB(A)
Sound power level	93.1dB(A)	92.3dB(A)
Vibration level Front handle	2.8m/s²	3.3m/s²
Vibration level Rear handle	2.8m/s²	3.0m/s²
Dimensions (L x W x H)	1,070x220x190mm (42"x8-5/8"x7-1/2")	1,150x220x190mm (45-1/4"x8-5/8"x7-1/2")
Max. output	0.32kW	0.32kW
Net weight	5.1kg (11.2lbs)	5.2kg (11.5lbs)

Dimentions and Net weight are with Battery BL3626.

● Charger, Battery cartridge, Blade cover

Cordless Pole Hedge Trimmer

UN490D

Li-ion Ah 2.6 2.2



BL MOTOR

Cordless pole hedge trimmer with adjustable angle head powered by BL3626/BL3622A.

- 180° foldable hedge trimmer head for easy transport and storage.
- 490mm double-sided blade with 3 sharpened edges.
- 45°tilt-up to 90°tilt-down angle adjustable hedge trimmer head.
- High/low 2-speed selection with variable speed in each range.



36V

No load speed (rpm)	Hi : 4,000 Lo : 2,800
Tooth spacing	35mm (1-3/8")
Sound pressure level	82.9dB(A)
Sound power level	93.2dB(A)
Vibration level Front handle	5.5m/s²
Vibration level Rear handle	2.0m/s²
Dimensions (L x W x H)	2,495x226x211mm (98-1/4"x8-7/8"x8-5/16")
Max. output	0.30kW
Net weight	7.1kg (15.7lbs)

Dimentions and Net weight are with Battery BL3626.

● Charger, Battery cartridge, Blade cover, Tool set, Oil set

Cordless Lawn Mower

LM430D 430mm (17")

Li-ion Ah 2.6 2.2



➔P302

High power and environment-friendly.

- The handle height is selectable in two stages.
- Folding handle for compact storage.



36V

Cutting width	430mm (17")
Cutting height	20-75mm (13/16" - 2-15/16")
No load speed (rpm)	3,600
Recommended mowing area up to	250-500m²
Grass box capacity	50L
Dimensions (L x W x H)	1,450x460x950mm (57"x18-1/8"x37-1/2")
Max. output	0.58kW
Net weight	17.9kg (39.4lbs)

Dimentions and Net weight are with Battery BL3626.

● Charger, Battery cartridge, Wrench, Blade

Cordless Lawn Mower

LM381D 380mm(15")

Li-ion Ah 2.6 2.2

new



XPT EXTREME PROTECTION TECHNOLOGY

➔P302

High power and enviroment-friendly.

- Light-weight glass box.
- XPT(eXtreme Protection Technology).



36V

Cutting width	380mm (15")
Cutting height	25-75mm (1-2-15/16")
No load speed (rpm)	3,700
Recommended mowing area up to	200-400m²
Grass box capacity	40L
Dimensions (L x W x H)	1,145x465x1,023mm (45"x18-1/4"x40-1/4")
Net weight	15.0kg (33.3lbs)

● Charger, Battery cartridge, Wrench, Blade

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Cordless tool

Battery & charger time reference chart P.77

Cordless Cultivator — UK360D

Li-ion Ah 2.6 2.2



High maneuverability and environment-friendly.

· 3 stages adjustable handle.
· Folding handle for compact shortage.
· Low noise.



36V

Capacity	Width : 350/ 225mm (13-3/4"/ 8-7/8")
Blade diameter	245mm (9-5/8")
Dimensions (L x W x H)	1,193x488x998mm (47"x19-1/4"x39-1/4")
Net weight	23.3kg (51.4lbs)

Dimentions and Net weight are with Battery BL3626.

● Charger, Battery cartridge, Tray set, Holder

Cordless Brushcutter — BC231UD

Li-ion Ah 2.6 2.2



BL MOTOR

P302

Human and environment-friendly by zero exhaust emission.

· Extremely low noise and low vibration.
· Maintenance-free due to brushless DC motor.
· Reverse switch for easy removal of grass clippings stuck.
· Ergonomic handle bar of asymmetric design.
· Red LED lamp for low battery capacity or overload.



36V

No load speed (rpm)	Hi : 0-7,300 Lo : 0-5,300
Spindle size	M10 x 1.25LH
Sound pressure level	79.7dB(A)
Sound power level	93.6dB(A)
Vibration level Left handle	1.4m/s²
Vibration level Right handle	1.1m/s²
Dimensions (L x W x H)	1,880x620x490mm (74"x24-3/8"x19-1/4")
Net weight	7.1kg (15.7lbs)

Dimentions and Net weight are with Battery BL3626.

● Charger, Battery cartridge, Blade, Universal guard, Shoulder harness with double shoulder strap, Wrenches

Cordless String Trimmer — BC300LD

Li-ion Ah 2.6 2.2



BL MOTOR

P302

Human and environment-friendly by zero exhaust emission.

· Extremely low noise and low vibration.
· Maintenance-free due to brushless DC motor.
· Reverse switch for easy removal of grass clippings stuck.
· Ergonomically designed large loop handle.
· Red LED lamp for low battery capacity or overload.



36V

No load speed (rpm)	Hi : 0-6,600 Lo : 0-4,900
Spindle size	M10 x 1.25LH
Sound pressure level	79.3dB(A)
Sound power level	91.3dB(A)
Vibration level Front handle	1.7m/s²
Vibration level Rear handle	1.1m/s²
Dimensions (L x W x H)	1,850x340x325mm (73"x13-3/8"x12-3/4")
Max. output	0.50kW
Net weight	5.9kg (13.0lbs)

Dimentions and Net weight are with Battery BL3626.

● Charger, Battery cartridge, Nylon cutting lead, Universal guard, Shoulder harness with single shoulder strap, Wrenches

Cordless String Trimmer — UR360D

Li-ion Ah 2.6 2.2



BL MOTOR

P302

Human and environment-friendly by zero exhaust emission.

· Extremely low noise and low vibration.
· Maintenance-free due to brushless DC motor.
· Reverse switch for easy removal of grass clippings stuck.
· Ergonomically designed large loop handle.
· Red LED lamp for low battery capacity or overload.



36V

No load speed (rpm)	Hi : 0-7,000 Lo : 0-5,100
Spindle size	M8 (RH)
Sound pressure level	82dB(A)
Sound power level	90dB(A)
Vibration level	5.5m/s²
Dimensions (L x W x H)	1,720x295x420mm (67-3/4"x11-5/8"x16-1/2")
Net weight	5.1kg (11.2lbs)

Dimentions and Net weight are with Battery BL3626.

● Charger, Battery cartridge, Nylon cutting head, Wrenches, Accessory bag, Pin(lock key)

Cordless Multi Function Power Head — UX360D

Li-ion Ah 2.6 2.2



BL MOTOR

High maneuverability and environment-friendly.

· Multi-tool system consisting of the power head and versatile optional attachments.
· Easy to change the attachments.



36V

No load speed (rpm)	0-9,700
Dimensions (L x W x H)	1,019x323x211mm (40"x12-3/4"x8-5/16")
Net weight	4.6kg (10.2lbs)

Dimensions and Net weight are with Battery BL3626.

● Charger, Battery cartridge, Harness, Hex wrench, Accessory bag

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Multi-tool system



BUX360 / UX360D



Able to meet a wide range of needs with only one power head (BUX360 / UX360D) and various attachments



Brushcutter
EM401MP / EM402MP



Pole saw
EY401MP



Pole hedge trimmer
EN401MP



Cultivator
KR400MP

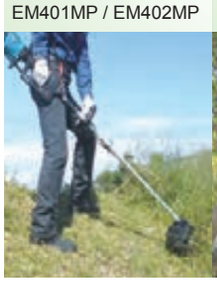
Edger
EE400MP

Coffee harvester
EJ400MP

Shaft extension attachment
LE400MP

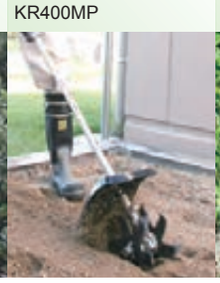
Length: 1,080mm (42-1/2")

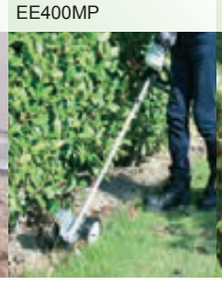
For Pole saw, Pole hedge trimmer and Coffee harvester













Cordless Olive Harvester

HL360D

Li-ion Ah 2.6 2.2

new



Telescopic extension rod adjustable in length from 2.15m to 3.1m provides extended reach.

- Main unit with Telescopic extension rod weighs only 1.7kg.
- 1.3hour continuous use with a single full charge of battery BL3622A.
- Battery holder for hooking the battery on belt.

36V

Swing width	240 - 355mm (9-1/2 - 14")
Prong of the shaker comb	Number : 8
Adjustable length of Telescopic extension rod	950mm (37-1/2") 1.3 (BL3622A)
Continuous use (hours)	2,150 - 3,100x240 -
Dimensions (L x W x H)	355x275mm (84-1/2" - 122"x9-1/2" - 14"x10-7/8")
Net weight	3.5kg (7.6lbs)

Net weight : with Telescopic extension rod

Cordless Blower

UB360D

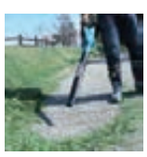
Li-ion Ah 2.6 2.2

430 MM



High power and environment-friendly.

- Low noise.
- 2 speeds for many applications.
- Long nozzle.



36V

Air volume	Hi : 4.4m³/min Lo : 2.6m³/min
Air speed	Hi : 93m/s Lo : 57m/s
No load speed (rpm)	Hi : 17,000 Lo : 10,000
Sound pressure level	81.2dB(A)
Sound power level	93.9dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	921x142x204mm (36-1/4"x5-5/8"x8")
Net weight	3.1kg (6.8lbs)

Dimentions and Net weight are with Battery BL3626.

● Charger, Battery cartridge, Nozzle, Shoulder belt

Cordless Hedge Trimmer

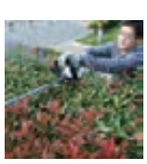
UH422D 420mm (16-1/2") / UH482D 480mm (18-7/8") / UH522D 520mm (20-1/2")

Li-ion Ah 1.3 1.1



User-replaceable blade.

- Anti-vibration structure,5 cushions to absorb vibration from blade and motor-crank section.
- Rubberized soft grip provides comfortable and sure grip.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.



18V

	UH422D	UH482D	UH522D
Blade length	420mm (16-1/2")	480mm (18-7/8")	520mm (20-1/2")
Strokes per minute (spm)	2,700	2,700	2,700
Tooth spacing	26mm (1")	26mm (1")	26mm (1")
Sound pressure level	74dB(A)	75dB(A)	75dB(A)
Sound power level	82.1dB(A)	82.8dB(A)	82.6dB(A)
Vibration level	2.5m/s²	2.5m/s²	2.5m/s²
Dimensions (L x W x H)	829x195x193mm (32-5/8"x7-5/8"x7-5/8")	879x195x193mm (34-1/2"x7-5/8"x7-5/8")	929x195x193mm (36-1/2"x7-5/8"x7-5/8")
Net weight	3.0kg (6.6lbs)	3.0kg (6.7lbs)	3.1kg (6.8lbs)

● Charger, Battery cartridge, Blade cover

➔P302

Cordless tool

Battery & charger time reference chart P.15, P.78

Cordless String Trimmer — UR180D

Li-ion Ah 1.3 1.1



P302 B

Well balanced tool design.

- Adjustable loop-handle and telescopic pipe shaft.
- Adjustable cutting head.
- 5-position pivoting head.



18V

Cutting width	260mm (10-1/4")
No load speed (rpm)	7,800
Sound pressure level	81dB(A)
Sound power level	88.5dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	1,229~1,433x267x257mm (48-1/2~56-1/2"x10-1/2"x10-1/8")
Net weight	2.9kg (6.4lbs)

● Charger, Battery cartridge, Shoulder belt, Safety goggles, Nylon cutting head, Nylon cord

Cordless Grass Shear — UM167D 160mm (6-5/16")

Li-ion Ah 1.3 1.1



P302, 303

Both trimmer blade and shear blade can be attached.

- Toolless blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Cutting height is adjusted at 3 stages.(10mm,20mm,30mm)
- Durable shear blade with special coating.



18V

Cutting width	160mm (6-5/16")
Strokes per minute (spm)	2,500
Sound pressure level	74dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	343x176x130mm (13-1/2"x--15/16"x5-1/8")
Net weight	1.4kg (3.1lbs)

● Charger, Battery cartridge, Blade cover, Base frame

Cordless Hedge Trimmer — UH420D 420mm (16-1/2") / UH480D 480mm (18-7/8") / UH520D 520mm (-1/2")

Li-ion Ah 1.3 1.1



P302

User-replaceable blade.

- Anti-vibration structure.
- Ergonomically designed grips provides more control and comfort while minimizing hand fatigue.
- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.



14.4V

	UH420D	UH480D	UH520D
Blade length	420mm (16-1/2")	480mm (18-7/8")	520mm (20-1/2")
Strokes per minute (spm)	2,700	2,700	2,700
Tooth spacing	26mm (1")	26mm (1")	26mm (1")
Sound pressure level	75dB(A)	75dB(A)	75dB(A)
Vibration level	2.5m/s²	2.5m/s²	2.5m/s²
Dimensions (L x W x H)	823x195x193mm (32-1/2"x7-5/8"x7-5/8")	873x195x193mm (34-3/8"x7-5/8"x7-5/8")	923x195x193mm (36-1/4"x7-5/8"x7-5/8")
Net weight	2.9kg (6.4lbs)	3.0kg (6.6lbs)	3.0kg (6.7lbs)

● Charger, Battery cartridge, Blade cover

Cordless String Trimmer — UR140D

Li-ion Ah 1.3 1.1



P302

Well balanced tool design.

- Adjustable loop-handle and telescopic pipe shaft.
- Adjustable cutting head.
- 5-position pivoting head.



14.4V

Cutting width	260mm (10-1/4")
No load speed (rpm)	6,000
Sound pressure level	81dB(A)
Sound power level	88.5dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	1,229~1,433x267x257mm (48-1/2~56-1/2"x10-1/2"x10-1/8")
Net weight	2.9kg (6.3lbs)

● Charger, Battery cartridge, Shoulder belt, Safety goggles, Nylon cutting head, Nylon cord

Cordless Grass Shear — UM165D 160mm (6-5/16")

Li-ion Ah 1.3 1.1



P302, 303

Both trimmer blade and shear blade can be attached.

- Toolless blade replacement.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Red LED lamp for low battery capacity or overload.
- Cutting height is adjusted at 3 stages.(10mm,20mm,30mm)
- Durable shear blade with special coating.



14.4V

Cutting width	160mm (6-5/16")
Strokes per minute (spm)	2,500
Sound pressure level	74dB(A)
Vibration level	2.5m/s²
Dimensions (L x W x H)	341x176x130mm (13-3/8"x6-15/16"x5-1/8")
Net weight	1.4kg (3.0lbs)

● Charger, Battery cartridge, Blade cover, Base frame

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

4-STROKE ENGINE

Reliable and Environment Friendly

MM4
MAKITA MINI 4-STROKE ENGINE

High Performance in Compact Design

Makita 4-Stroke Engine delivers high torque and horsepower.
Max. Torque and horsepower of Makita 4-Stroke Engine are almost the same as those of an equivalent 2-Stroke engine as shown below in the chart.

Compared with the conventional 4-Stroke Engines, Makita 4-Stroke Engine produces approximately 20 to 30 % more power thanks to its high combustion efficiency and new developments such as compact spark plug.

Additionally, by employing a unique lubrication system, it has obtained the smallest in class exterior physical dimensions among the 4-Stroke Engines available in the market today.

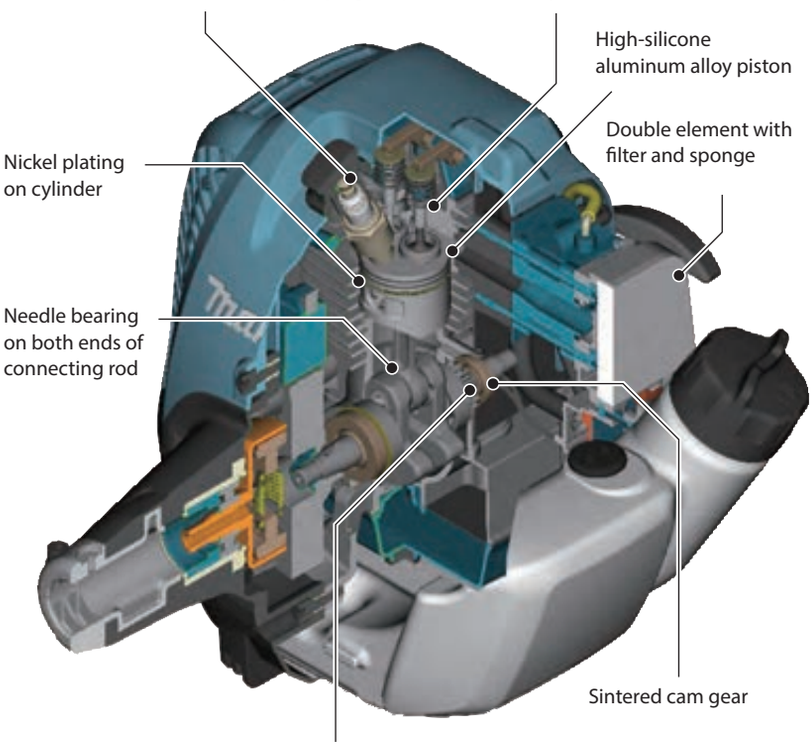
	25mL Class		
	24.5mL 4-Stroke Engine	25.4mL 4-Stroke Engine	24.5mL 2-Stroke Engine
Max Power (PS-rpm)	0.97 / 7000	1.1 / 7000	0.98 / 7000

	35mL Class	
	33.5mL 4-Stroke Engine	30.5mL 2-Stroke Engine
Max Power (PS-rpm)	1.45 / 7000	1.3 / 7000

	43mL Class	
	43mL 4-Stroke Engine	42.7mL 2-Stroke Engine
Max Power (PS-rpm)	2.1 / 7000	1.8 / 7500


New compact plug


Valve system

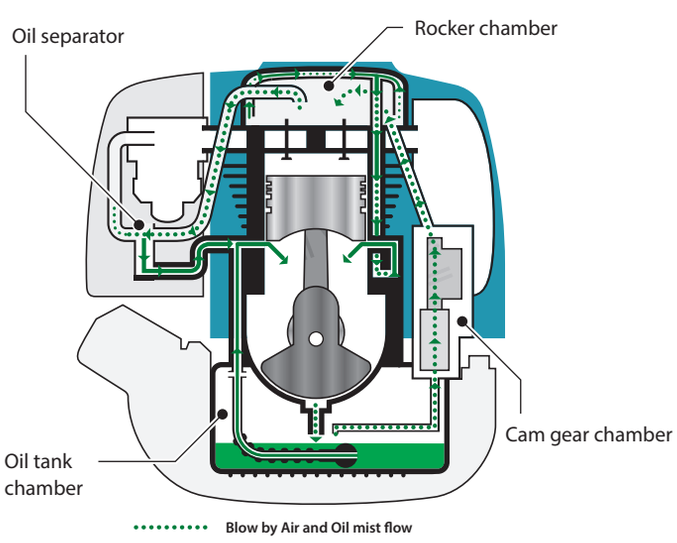




Decompression System:
The force required to pull the starter rope is drastically reduced by the Automatic decompression system that features our original centrifugal structure in the cam gear.

Patented Unique Lubrication System enables to use 4-Stroke Engine in Full Multi-position.

Employing this system enables to use 25.4mL Brushcutters on any slope such as ditch slopes, river banks or mountain woods.
The natural pressure changes in the crankcase caused by the piston movement in the cylinder are harnessed to pump the oil throughout the engine.
Oil is pumped from a reservoir in the base of the engine through a network of one-way valves for reliable lubrication and long service life without the need to keep the engine level.

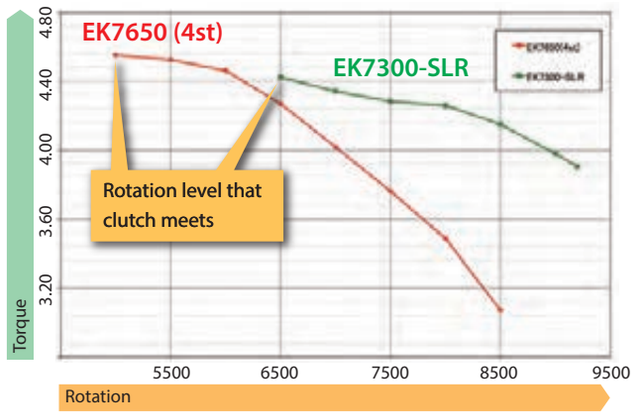


Properties of Powerful Makita 4-stroke Engine in Low Rotation Speed

In general, engine power indicates using 'w' or 'ps'. Because these indications show the peak power, 2-stroke Engine tends to be more powerful than 4-stroke Engine at the same exhaust emission level. Thus, looking only the peak power stated in catalogue, you may misunderstand 2-stroke Engine is more powerful than 4-stroke Engine. However, 2-stroke Engine produces the peak power at high rotation speed, and 4-stroke Engine exceeds 2-stroke Engine at low rotation speed. As burdening products and rotation speed goes down, 4-stroke engine has the properties that are more powerful and user-friendliness.
Moreover, the centrifugal clutch installed in Makita 4-stroke Engine products applies Makita 4-stroke dedicated setting that produces more power at low rotation speed, and can use it more powerfully than 2-stroke Engines.

*Torque of EK7300 will be extremely weak when lower than 6500rpm, but EK7450H can fully use even at 5000rpm. Makita 4-stroke Engine enables to cut continuously without clutch slipping even when it is burdened and rotation speed of engine goes down to 65000rpm.

Torque performance comparison of Powercutter



Torque comparison between EK7450H of Makita 4-stroke Engine and EK7300 of 2-stroke Engine (Power: torque×rotation)

Clean Exhaust Emissions

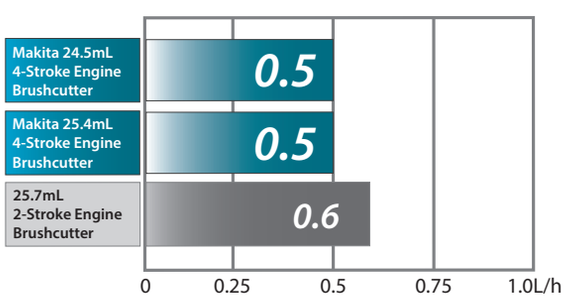
Compared with an equivalent 2-Stroke Engine, exhaust emission is drastically reduced to comply with strict regulations in the world, including CARB Tier 3 (California, USA), EPA Phase 2 (USA) and EU Stage 2 (Europe).
As shown in the table to right, the exhaust emission level of Makita 4-Stroke Engine is well below the standard level of the regulations.

	24.5mL	25.4mL	33.5mL	43.0mL	75.6mL
Certification/ Standard level of Emission Gas: HC+Nox (g/kw·hr)	24.5mL < 50mL CARB/ EPA/ EU "50"	25.4mL < 50mL CARB/ EPA/ EU "50"	33.5mL < 50mL CARB/ EPA/ EU "50"	43mL < 50mL CARB/ EPA/ EU "50"	75.6mL ≥ 50mL CARB/ EPA/ EU "72"
Certificated level of Makita 4-Stroke engine: HC+Nox (g/kw·hr)	27	25	21	17	16
Certificated level of an equivalent 2-Stroke engine: HC+Nox (g/kw·hr)	240 (21mL)	205 (24.5mL)	201(30.5mL)	205(40.2mL)	204(48.6mL)

Low Running Cost

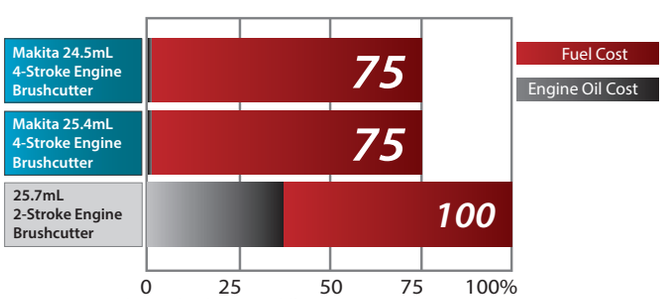
From our comparison test between Makita 4-Stroke Petrol Brushcutter and an equivalent 2-Stroke Petrol Brushcutter, the superiority of Makita 4-Stroke Engine over 2-Stroke Engine in its class has been proved both in fuel consumption and total cost as shown in the charts below.

Fuel Consumption up to 15% better



Total Cost up to 25% better

(200H of Operation)



Numbers in the charts may differ under some conditions.

Easy Maintenance

Makita 4-Stroke Engine uses straight unleaded gasoline. Operator can, therefore, skip the following preparation and maintenance required when using 2-Stroke or 4-mix engine that runs on gas/oil mixture:
/// Mixing gasoline and oil before operation
/// Removing fuel from tank after operation, then sweeping dust from oil filling port*
*Removing fuel is recommended for 4-Stroke engine at the end of season.

Low Noise

Low noise level allows to operate without disturbing others even in quiet places such as parks or residential areas.

Multi Function Power Head

EX2650LH 25.4mL 4-stroke (Multi-position)



MM4

➔P302 B

Environment-friendly and cost-saving 25.4cc 4-stroke engine.

· Multi-position engine lubrication system.
· Multi-tool system consisting of the power head and versatile optional attachments.
· Ergonomically designed loop handle with rubberized soft grip.



Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Dimensions (L x W x H)	975x323x241mm (38-3/8"x12-3/4"x9-1/2")
Net weight	4.6kg (10lbs)

Net weight : without blade, harness and fuel

● Harness, Socket wrench, Hex wrench, Oil set, Accessory bag

Multi-tool system



EX2650LH



Able to meet a wide range of needs with only one power head (EX2650LH) and various attachments



Brushcutter
EM400MP



String trimmer
ER400MP



Pole saw
EY401MP



Pole hedge trimmer
EN401MP



Cultivator
KR400MP



Edger
EE400MP

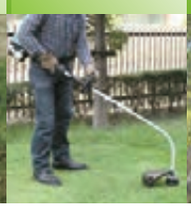


Coffee harvester
EJ400MP

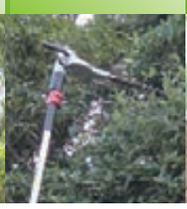


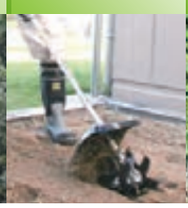
Shaft extension attachment
LE400MP
Length: 1,080mm (42-1/2")
For Pole saw, Pole hedge trimmer and Coffee harvester

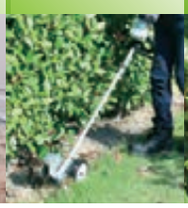














Petrol Brushcutter

EM2651UH / EM2650UH 25.4mL 4-stroke (Multi-position)



MM4

➔P302 B

Maneuverable pole and handle.

· Ergonomically designed rubberized soft grip provides more control and comfort.
· Universal guard for both saw blade and nylon cutter.
· Lightweight.
· No choke at staring engine.
· Good oil maintenance feature.



▼EM2651UH

	EM2651UH	EM2650UH
Displacement	25.4mL	25.4mL
Engine power	0.77kW / 1.1PS	0.77kW / 1.1PS
Fuel tank	0.6L	0.6L
Spindle size	M10 x 1.25LH	M10 x 1.25LH
Sound pressure level	96.6dB(A)	96.6dB(A)
Sound power level	105.5dB(A)	105.5dB(A)
Vibration level Left handle	2.4m/s²	2.3m/s²
Vibration level Right handle	2.5m/s²	2.6m/s²
Dimensions (L x W x H)	1,765x620x474mm (69-1/2"x24-3/8"x18-5/8")	1,765x620x474mm (69-1/2"x24-3/8"x18-5/8")
Net weight	5.6kg (12.4lbs)	5.5kg (12.1lbs)

Net weight : without blade, harness and fuel

● Blade, Blade cover, Harness, Socket wrench, Hex wrench, Oil bottle

Petrol Brushcutter

EM2651LH / EM2650LH 25.4mL 4-stroke (Multi-position)

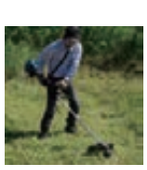


MM4

➔P302 B

Maneuverable pole and handle.

· Ergonomically designed rubberized soft grip provides more control and comfort.
· Universal guard for both saw blade and nylon cutter.
· Lightweight.
· No choke at starting engine.
· Good oil maintenance feature.



▼EM2651LH

	EM2651LH	EM2650LH
Displacement	25.4mL	25.4mL
Engine power	0.77kW / 1.1PS	0.77kW / 1.1PS
Fuel tank	0.6L	0.6L
Spindle size	M10 x 1.25LH	M10 x 1.25LH
Sound pressure level	96.6dB(A)	96.6dB(A)
Sound power level	105.5dB(A)	105.5dB(A)
Vibration level Front handle	4.4m/s²	4.1m/s²
Vibration level Rear handle	5.5m/s²	5.1m/s²
Dimensions (L x W x H)	1,765x330x264mm (69-1/2"x13"x10-3/8")	1,765x330x264mm (69-1/2"x13"x10-3/8")
Net weight	5.2kg (11.5lbs)	5.1kg (11.2lbs)

Net weight : without cutting head, harness and fuel

● Single harness, Trimmer head, Socket wrench, Hex wrench x2, Oil bottle

Items of standard equipment and specifications may vary by country or area.

Outdoor Power Equipment

Petrol String Trimmer — EM2652LHN / EM2650LHN 25.4mL 4-stroke (Multi-position)



MM4

P302

High torque by changing gear ratio.

- Maneuverable pole and handle.
- Ergonomically designed rubberized soft grip provides more control and comfort.
- Lightweight.
- No choke at starting engine.
- Good oil maintenance feature.



PrCDI D

	EM2652LHN	EM2650LHN
Displacement	25.4mL	25.4mL
Engine power	0.77kW / 1.1PS	0.77kW / 1.1PS
Fuel tank	0.6L	0.6L
Spindle size	M10 x 1.25LH	M10 x 1.25LH
Sound pressure level	89.99dB(A)	91.6dB(A)
Sound power level	99.39dB(A)	101.6dB(A)
Vibration level Front handle	-	5.0m/s²
Vibration level Rear handle	-	5.3m/s²
Dimensions (L x W x H)	1,775x243x323mm (70"x9-9/16"x12-3/4")	1,765x243x241mm (69-1/2"x9-9/16"x9-1/2")
Net weight	5.2kg (11.5lbs)	5.0kg (11.0lbs)

Net weight : without cutting head, harness and fuel

● EM2652LHN : Trimmer head, Tool set, Oil bottle / EM2650LHN : Single harness, Trimmer head, Socket wrench, Hex wrench, Oil bottle

Petrol String Trimmer — ER2650LH 25.4mL 4-stroke (Multi-position)



MM4

P302

Multi-position engine lubrication system enables the engine to be inclined to any angle even during continuous operation with no emission of white smoke and smell of burning engine oil.

- The following exhaust emission regulations; CARB Tier 3, EPA Phase 2, EU Stage 2.
- Safety regulations of the EC Directives.
- Engine starts at idling speed so that the cutting tool does not rotate when engine starts.
- Tool-less air cleaner cover easy to remove/ install.



PrCDI D

Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Spindle size	M8 x 1.25RH
Sound pressure level	97.5dB(A)
Sound power level	107.3dB(A)
Vibration level Front handle	5.0m/s²
Vibration level Rear handle	8.2m/s²
Dimensions (L x W x H)	1,621x310x479mm (64"x12-1/4"x18-7/8")
Net weight	4.8kg (10lbs)

Net weight : without blade, harness and fuel.

● Nylon cutting head, Socket wrench, Hex wrench, Pin, Accessory bag, Oil set

Petrol Brushcutter — EBH253U / EBH252U 24.5mL 4-stroke



MM4

P302

The world lightest weight commercial, 4-stroke brush cutter.

- Ergonomic handle bar of asymmetric design.
- Meets all environmental standards.
- Comfortable shoulder harness with waist pad and double shoulder straps.
- Tool-less holder allows for easy transport of the machine and quick angle adjustment of handle.
- Carburetor: Diaphragm type



▼EBH252U

PrCDI D

	EBH253U	EBH252U
Displacement	24.5mL	24.5mL
Engine power	0.71kW / 0.97PS	0.71kW / 0.97PS
Fuel tank	0.5L	0.5L
Spindle size	M10 x 1.25LH	M10 x 1.25LH
Sound pressure level	97.1dB(A)	97.1dB(A)
Sound power level	106.3dB(A)	106.3dB(A)
Vibration level Left handle	2.3m/s²	2.9m/s²
Vibration level Right handle	2.6m/s²	2.5m/s²
Dimensions (L x W x H)	1,770x620x490mm (69-3/4"x24-3/8"x19-1/4")	1,770x620x490mm (69-3/4"x24-3/8"x19-1/4")
Net weight	5.9kg (13.0lbs)	5.7kg (12.6lbs)

Net weight : without blade, harness and fuel

● Blade, Tool set, Harness, Oil bottle

Petrol Brushcutter — EBH253L / EBH252L 24.5mL 4-stroke



MM4

P302

The world lightest weight commercial, 4-stroke brush cutter.

- Ergonomically designed, large loop handle.
- Meets all environmental standards.
- Carburetor: Diaphragm type



▼EBH252L

PrCDI D

	EBH253L	EBH252L
Displacement	24.5mL	24.5mL
Engine power	0.71kW / 0.97PS	0.71kW / 0.97PS
Fuel tank	0.5L	0.5L
Spindle size	M10 x 1.25LH	M10 x 1.25LH
Sound pressure level	97.1dB(A)	97.1dB(A)
Sound power level	106.3dB(A)	106.3dB(A)
Vibration level Front handle	4.4m/s²	4.3m/s²
Vibration level Rear handle	5.3m/s²	5.0m/s²
Dimensions (L x W x H)	1,770x330x265mm (69-3/4"x13"x10-3/8")	1,770x330x265mm (69-3/4"x13"x10-3/8")
Net weight	5.3kg (11.7lbs)	5.2kg (11.5lbs)

Net weight : without blade, harness and fuel

● Trimmer head, Tool set, Harness, Oil bottle

Petrol String Trimmer — ER2550LH 24.5mL 4-stroke



MM4

P302

Ergonomically designed, large loop handle.

- Meets all environmental standards.
- Carburetor: Diaphragm type.



PrCDI D

Displacement	24.5mL
Engine power	0.71kW / 0.97PS
Fuel tank	0.5L
Spindle size	M8 x 1.25RH
Sound pressure level	93.3dB(A)
Sound power level	102.5dB(A)
Vibration level Front handle	5.3m/s²
Vibration level Rear handle	5.4m/s²
Dimensions (L x W x H)	1,623x290x464mm (64"x11-3/8"x18-1/4")
Net weight	4.9kg (10.8lbs)

Net weight : without blade, harness and fuel.

● Nylon cutting head, Socket wrench, Hex wrench, Pin, Accessory bag, Oil set

Petrol Brushcutter — EBH340U 33.5mL 4-stroke



MM4

➔P302 B

33.5ml 4-stroke brushcutter series are launched for real professionals.

- Commercial duty 33.5cc engine for dependable performance.
- Meets all environmental standards.
- Carburetor: Diaphragm type, Ignition system: Solid state ignition.
- Equipped "Swivel system" allowing comfort performance especially on slopes, undulating ground and others.



Blade, Tool set harness

Displacement	33.5mL
Engine power	1.07kW / 1.5PS
Fuel tank	0.65L
Spindle size	M10 x 1.25LH
Dimensions (L x W x H)	1,900x645x510mm (74-3/4"x25-3/8"x20")
Net weight	7.5kg (16.5lbs)

Net weight : without blade, harness and fuel

Petrol Brushcutter — EBH341U 33.5mL 4-stroke

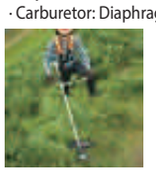


MM4

➔P302 B

Professional-user type for superior maneuverability for heavy-duty applications in forestry and construction site area.

- Ergonomic handle bar of asymmetric design with rubberized soft grip.
- Meets all environmental standards.
- Comfortable shoulder harness with waist pad and double shoulder straps.
- Tool-less holder allows for easy transport of the machine and quick angle adjustment of handle.
- Carburetor: Diaphragm type



Blade, Tool set, Harness, Oil bottle

Displacement	33.5mL
Engine power	1.07kW / 1.5PS
Fuel tank	0.65L
Spindle size	M10 x 1.25LH
Sound pressure level	98.2dB(A)
Sound power level	106.7dB(A)
Vibration level Left handle	2.5m/s²
Vibration level Right handle	3.3m/s²
Dimensions	1,810x620x500mm
(L x W x H)	(71-1/4"x24-3/8"x19-3/4")
Net weight	7.1kg (15.7lbs)

Net weight : without blade, harness and fuel

Petrol Brushcutter — EBH341L 33.5mL 4-stroke



MM4

➔P302 B

Professional-user type for superior maneuverability for heavy-duty applications in forestry and construction site area.

- Ergonomically designed, large loop handle.
- Meets all environmental standards.
- Carburetor: Diaphragm type



Trimmer head, Tool set harness, Oil bottle

Displacement	33.5mL
Engine power	1.07kW / 1.5PS
Fuel tank	0.65L
Spindle size	M10 x 1.25LH
Sound pressure level	98.2dB(A)
Sound power level	106.7dB(A)
Vibration level Front handle	7.4m/s²
Vibration level Rear handle	6.1m/s²
Dimensions	1,810x330x275mm
(L x W x H)	(71-1/4"x13"x10-7/8")
Net weight	6.7kg (14.8lbs)

Net weight : without blade, harness and fuel

Petrol Brushcutter — EM4340L 33.5mL 4-stroke



MM4

➔P302 B

33.5ml new 4-stroke OHV brushcutter series are now launched for real professionals.

- Low vibration device and adjustable off-set handle bar allowed comfortable operation for long work.
- Carburetor : WALBROWYJ-type, Ignition system : Solid state ignition



Star blade, Tool set, Oil bottle

Displacement	33.5mL
Engine power	1.07kW / 1.5PS
Fuel tank	0.65L
Spindle size	M10 x 1.25LH
Sound pressure level	90.4dB(A)
Sound power level	101.5dB(A)
Vibration level Left handle	2.9m/s²
Vibration level Right handle	2.9m/s²
Dimensions	1,810x620x550mm
(L x W x H)	(71-1/4"x24-3/8"x21-5/8")
Net weight	7.6kg (16.8lbs)

Net weight : without blade, harness and fuel

Petrol Brushcutter — EM4351UH 43.0mL 4-stroke (Multi-position)



MM4

➔P302 B

43.0mL multi-position 4-stroke engine is installed and it complies with emission standard.

- Professional-user type for superior maneuverability for heavy-duty applications in forestry and construction site area.
- Low vibration.
- Low running cost.
- Less recoil pulling power by mechanical decompression.



Blade, Tool set, Oil bottle

Displacement	43.0mL
Engine power	1.5kW / 2.0PS
Fuel tank	0.62L
Spindle size	M10 x 1.25LH
Sound pressure level	92.4dB(A)
Sound power level	101.8dB(A)
Vibration level Left handle	1.7m/s²
Vibration level Right handle	2.2m/s²
Dimensions	1,812x618x528mm
(L x W x H)	(71-1/2"x24-1/2"x20-3/4")
Net weight	8.6kg (18.9lbs)

Net weight : without blade, harness and fuel.

Items of standard equipment and specifications may vary by country or area.

Outdoor Power Equipment

Petrol Brushcutter — EM4350UH 43.0mL 4-stroke (Multi-position)



MM4

P302

43.0mL multi-position 4-stroke engine is installed and it complies with emission standard.

- Professional-user type for superior maneuverability for heavy-duty applications in forestry and construction site area.
- Low vibration.
- Low running cost.
- Less recoil pulling power by mechanical decompression.



Blade, Tool set, Oil bottle

Displacement	43.0mL
Engine power	1.5kW / 2.0PS
Fuel tank	0.62L
Spindle size	M10 x 1.25LH
Sound pressure level	91.2dB(A)
Sound power level	103.1dB(A)
Vibration level Left handle	4.8m/s²
Vibration level Right handle	3.1m/s²
Dimensions (L x W x H)	1,812x635x460mm (71-1/2"x25"x18-1/8")
Net weight	8.3kg (18.2lbs)

Net weight : without blade, harness and fuel.

Petrol Brushcutter — EM4350LH 43.0mL 4-stroke (Multi-position)



MM4

P302

43.0mL multi-position 4-stroke engine is installed and it complies with emission standard.

- Professional-user type for superior maneuverability for heavy-duty applications in forestry and construction site area.
- Low vibration.
- Low running cost.
- Less recoil pulling power by mechanical decompression.



Blade, Tool set, Oil bottle

Displacement	43.0mL
Engine power	1.5kW / 2.0PS
Fuel tank	0.62L
Spindle size	M10 x 1.25LH
Sound pressure level	92.8dB(A)
Sound power level	103.4dB(A)
Vibration level Front handle	3.8m/s²
Vibration level Rear handle	4.2m/s²
Dimensions (L x W x H)	1,812x339x250mm (71-1/2"x13-3/8"x9-7/8")
Net weight	7.9kg (17.3lbs)

Net weight : without blade, harness and fuel.

Backpack Petrol Brushcutter — EBH341R 33.5mL 4-stroke

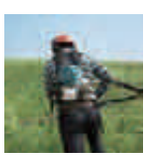


MM4

P302

33.5ml 4-stroke backpack brushcutter series for real professionals.

- Commercial duty 33.5cc engine for dependable performance.
- Meets all environmental standards.
- Carburetor: Diaphragm type, Ignition system: Solid state ignition.
- The flexible shaft between engine and shaft allowing efficiently work on slops undulating ground or in narrow space.



Blade, Tool set

Displacement	33.5mL
Engine power	1.07kW / 1.45PS
Fuel tank	0.65L
Spindle size	M10 x 1.25LH
Sound pressure level	87.3dB(A)
Sound power level	100.5dB(A)
Vibration level Left handle	3.6m/s²
Vibration level Right handle	2.1m/s²
Dimensions (L x W x H)	430x280x430mm (17"x11"x17")
Net weight	10.2kg (22.5lbs)

Net weight : without blade, harness and fuel

Backpack Petrol Brushcutter — EBH340R 33.5mL 4-stroke



MM4

P302

33.5ml 4-stroke backpack brushcutter series for real professionals.

- Commercial duty 33.5cc engine for dependable performance.
- Meets all environmental standards.
- Carburetor: Diaphragm type, Ignition system: Solid state ignition.
- The flexible shaft between engine and shaft allowing efficiently work on slops undulating ground or in narrow space.



Blade, Tool set

Displacement	33.5mL
Engine power	1.07kW / 1.45PS
Fuel tank	0.65L
Spindle size	M10 x 1.25LH
Dimensions (L x W x H)	400x325x395mm (15-3/4"x12-3/4"x15-1/2")
Net weight	9.8kg (21.6lbs)

Net weight : without blade, harness and fuel

Backpack Petrol Brushcutter — EM4350RH 43.0mL 4-stroke (Multi-position)

new



MM4

P302

43.0ml 4-stroke backpack brushcutter for real professionals.

- The flexible shaft between engine and shaft allowing efficiently work on slops undulating ground or in narrow space.
- Professional-user type for superior maneuverability for heavy-duty applications in forestry and construction site area.
- Able to start/stop engine while carrying machine
- Less recoil pulling power by mechanical decompression.
- Low vibration.



Blade, Tool set, Oil bottle

Displacement	43.0mL
Engine power	1.5kW / 2.1PS
Fuel tank	0.8L
Spindle size	M10 x 1.25LH
Sound pressure level	93dB(A)
Sound power level	111dB(A)
Vibration level Front handle	3.4m/s²
Vibration level Rear handle	2.7m/s²
Dimensions (L x W x H)	358x280x587mm (14-1/8"x11"x23-1/8")
Net weight	12.0kg (26.6lbs)

Net weight : without blade, harness and fuel.

Items of standard equipment and specifications may vary by country or area.

Petrol Brushcutter

EM2600U 25.7mL (EU Stage 2, EPA Phase 2 complied)



P302 B

Equipped with catalytic muffler to comply with strict exhaust emission regulations.

· Ergonomic bike handle of asymmetrical design.
· Spring-assisted recoil starter reduces the effort required for engine start.
· 25.7cm. 2-stroke engine with 0.83kW of power.



Displacement	25.7mL
Engine power	0.83kW / 1.2PS
Fuel mixture	50 : 1
Fuel tank	0.6L
Spindle size	M8 x 1.25LH
Sound pressure level	98.52dB(A)
Sound power level	109.77dB(A)
Vibration level Left handle	14.680m/s²
Vibration level Right handle	9.037m/s²
Dimensions (L x W x H)	1,770x610x410mm (69-3/4"x24"x16-1/8")
Net weight	5.0kg (11.0lbs)

Net weight : without guard, cutting tool, shoulder harness and fuel

● Star blade (4 tooth metal blade), Nylon cutting head, Socket wrench, Hex wrench, Shoulder harness with single shoulder strap, Guard (protector)

Petrol Brushcutter

EM2600L 25.7mL (EU Stage 2, EPA Phase 2 complied)



P302 B

Ergonomically designed, large loop handle with soft grip.

· Ergonomic bike handle of asymmetrical design.
· Spring-assisted recoil starter reduces the effort required for engine start.
· 25.7cm. 2-stroke engine with 0.83kW of power.

Displacement	25.7mL
Engine power	0.83kW / 1.2PS
Fuel mixture	50 : 1
Fuel tank	0.6L
Spindle size	M8 x 1.25LH
Sound pressure level	98.52dB(A)
Sound power level	109.77dB(A)
Vibration level Front handle	8.83m/s²
Vibration level Rear handle	14.381m/s²
Dimensions (L x W x H)	1,770x310x235mm (69-3/4"x 12-1/4"x9-1/4")
Net weight	4.8kg (10.6lbs)

Net weight : without guard, cutting tool, shoulder harness and fuel

● Star blade (4 tooth metal blade), Nylon cutting head, Socket wrench, Hex wrench, Shoulder harness with single shoulder strap, Guard (protector)

Petrol Brushcutter

EM2500U 24.5mL



P302 B

Ergonomic handle bar of asymmetrical design.

· Waist cushion.



Displacement	24.5mL
Engine power	0.73kW / 1.0PS
Fuel mixture	50 : 1
Fuel tank	0.4L
Spindle size	M8 x 1.25LH
Dimensions (L x W x H)	1,770x620x410mm (69-3/4"x24-3/8"x16-1/8")
Net weight	4.5kg (9.9lbs)

Net weight : without guard, cutting tool, shoulder harness and fuel

● Star blade (4 tooth metal blade), Nylon cutting head, Socket wrench, Hex wrench, Shoulder harness with single shoulder strap, Guard (protector)

Petrol Brushcutter

EM2500L 24.5mL



P302 B

Ergonomically designed loop handle.

· Waist cushion.



Displacement	24.5mL
Engine power	0.73kW / 1.0PS
Fuel mixture	50 : 1
Fuel tank	0.5L
Spindle size	M8 x 1.25LH
Dimensions (L x W x H)	1,710x340x220mm (67-1/3"x13-3/8"x8-5/8")
Net weight	4.4kg (9.7lbs)

Net weight : without guard, cutting tool, shoulder harness and fuel

● Star blade (4 tooth metal blade), Nylon cutting head, Socket wrench, Hex wrench, Shoulder harness with single shoulder strap, Guard (protector)

Petrol Brushcutter

EM3400U 34.0mL

new



P302 B

Lightweight powerful 1kW class brushcutters for emerging markets.

· Lightweight at only 6.4kg for reduced operator fatigue.
· Durable enough for professional applications.



Displacement	34.0mL
Engine power	1.15kW / 1.6PS
Fuel mixture	50 : 1
Fuel tank	0.75L
Spindle size	M10 x 1.25LH
Sound pressure level	95dB(A)
Sound power level	109.1dB(A)
Vibration level Left handle	4.4m/s²
Vibration level Right handle	4.1m/s²
Dimensions (L x W x H)	1,815x650x435mm (71-1/2"x25-1/2"x17-1/8")
Net weight	6.4kg (14.1lbs)

Net weight : without blade, harness and fuel

● Blade (255mm quad), Blade holder, Single harness, Tool set

Items of standard equipment and specifications may vary by country or area.

Outdoor Power Equipment

Petrol Brushcutter — EM3400L 34.0mL

new



P302 B

Lightweight powerful 1kW class brushcutters for emerging markets.

· Lightweight at only 6.2kg for reduced operator fatigue.
· Durable enough for professional applications.



Displacement	34.0mL
Engine power	1.15kW / 1.6PS
Fuel mixture	50 : 1
Fuel tank	0.75L
Spindle size	M10 x 1.25LH
Sound pressure level	95.9dB(A)
Sound power level	110.4dB(A)
Vibration level Left handle	5.5m/s²
Vibration level Right handle	4.6m/s²
Dimensions (L x W x H)	1,815x330x270mm (71-1/2"x13"x10-5/8")
Net weight	6.2kg (13.7lbs)

Net weight : without blade, harness and fuel

● Blade (255mm quad), Blade holder, Single harness, Tool set

Petrol Brushcutter — RBC2110 21mL



P302 B

Light weight and handy string trimmers for do-it-yourselfers.

· Low noise and vibration.
· Wide-trigger control and soft grip for comfortable operation.
· Carburetor : Diaphragm type



Displacement	21mL
Engine power	0.62kW / 0.84PS
Fuel mixture	25 : 1
Fuel tank	0.4L
Spindle size	M8 x 1.25LH
Sound pressure level	95.2dB(A)
Sound power level	105.3dB(A)
Vibration level Front handle	5.1m/s²
Vibration level Rear handle	5.7m/s²
Dimensions (L x W x H)	1,735x340x200mm (68-1/4"x13-3/8"x7-7/8")
Net weight	3.6kg (7.9lbs)

Net weight : without blade, harness and fuel

● Trimmer head, Single harness, Tool set

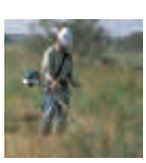
Petrol Brushcutter — RBC3101 30.5mL



P302 B

Extra-durable gear head.

· Wide-trigger control and soft grip for comfortable operation.
· Separated offset bike-handles (Right and Left) for selecting your best position.
· Very powerful 2-stroke engine designed for tougher job.
· Carburetor : Diaphragm type



Displacement	30.5mL
Engine power	0.95kW / 1.29PS
Fuel mixture	25 : 1
Fuel tank	0.8L
Spindle size	M8 x 1.25LH
Sound pressure level	90.6dB(A)
Sound power level	100.9dB(A)
Vibration level Left handle	5.5m/s²
Vibration level Right handle	5.2m/s²
Dimensions (L x W x H)	1,800x600x435mm (71"x23-5/8"x17-1/8")
Net weight	5.5kg (12.1lbs)

Net weight : without blade, harness and fuel

● Blade (255mm quad), Blade holder, Single harness, Tool set

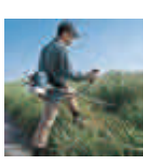
Petrol Brushcutter — RBC3100 30.5mL



P302 B

Extra-durable gear head.

· Wide-trigger control and soft grip for comfortable operation.
· Very powerful 2-stroke engine designed for tougher job.
· Carburetor : Diaphragm type



Displacement	30.5mL
Engine power	0.95kW / 1.29PS
Fuel mixture	25 : 1
Fuel tank	0.8L
Spindle size	M8 x 1.25LH
Sound pressure level	90.6dB(A)
Sound power level	100.9dB(A)
Vibration level Left handle	4.4m/s²
Vibration level Right handle	4.6m/s²
Dimensions (L x W x H)	1,800x620x430mm (71"x24-3/8"x17")
Net weight	5.5kg (12.1lbs)

Net weight : without blade, harness and fuel

● Blade (255mm quad), Blade holder, Single harness, Tool set

Petrol Brushcutter — RBC3110 30.5mL



P302 B

Extra-durable gear head.

· Wide-trigger control and soft grip for comfortable operation.
· Very powerful 2-stroke engine designed for tougher job.
· Carburetor : Diaphragm type



Displacement	30.5mL
Engine power	0.95kW / 1.29PS
Fuel mixture	25 : 1
Fuel tank	0.8L
Spindle size	M8 x 1.25LH
Sound pressure level	95.2dB(A)
Sound power level	106.9dB(A)
Vibration level Front handle	8.3m/s²
Vibration level Rear handle	5.9m/s²
Dimensions (L x W x H)	1,800x350x250mm (71"x13-3/4"x9-7/8")
Net weight	5.4kg (11.9lbs)

Net weight : without blade, harness and fuel

● Trimmer head, Single harness, Tool set

Items of standard equipment and specifications may vary by country or area.

Petrol Brushcutter — DBC3310 33mL



High power brushcutter for professional users.

· Multifunction handle.
· Low vibration.
· Multi position harness connection for perfect balance.

Displacement	33mL
Engine power	1.6kW / 2.2PS
Fuel mixture	50 : 1
Fuel tank	0.9L
Spindle size	M12 x 1.5LH
Sound pressure level	97.0dB(A)
Sound power level	108.0dB(A)
Vibration level Front handle	2.3m/s²
Vibration level Rear handle	3.9m/s²
Dimensions (L x W x H)	1,805x680x227mm (71"x26-7/9"x9")
Net weight	7.9kg (17.4lbs)

Net weight : without blade, harness and fuel

P302 B

● Blade, Tool set, Harness

Petrol Brushcutter — DBC340 33mL



High power brushcutter for professional users.

· Multifunction handle.
· Multi position harness connection for perfect balance.

Displacement	33mL
Engine power	1.6kW / 2.2PS
Fuel mixture	50 : 1
Fuel tank	0.5L
Spindle size	M10 x 1.25LH
Sound pressure level	98.0dB(A)
Sound power level	108.0dB(A)
Vibration level Front handle	5.0m/s²
Vibration level Rear handle	3.5m/s²
Dimensions (L x W x H)	1,890x670x470mm (74-2/5"x26-3/8"x18-1/2")
Net weight	6.7kg (14.8lbs)

Net weight : without blade, harness and fuel

P302 B

● Blade, Tool set, Harness

Petrol Brushcutter — DBC400 39mL



High power brushcutter for professional users.

· Multifunction handle.
· Multi position harness connection for perfect balance.

Displacement	39mL
Engine power	1.8kW / 2.5PS
Fuel mixture	50 : 1
Fuel tank	0.5L
Spindle size	M10 x 1.25LH
Dimensions (L x W x H)	1,890x670x470mm (74-2/5"x26-3/8"x18-1/2")
Net weight	6.7kg (14.8lbs)

Net weight : without blade, harness and fuel

P302 B

● Blade, Tool set, Harness

Petrol Brushcutter — DBC4010 39mL



High power brushcutter for professional users.

· Powerful 2-stroke engine.
· Multifunction handle.
· Low vibration.
· Multi position gear box for perfect blade angle.

Displacement	39mL
Engine power	1.8kW / 2.5PS
Fuel mixture	50 : 1
Fuel tank	0.9L
Spindle size	M12 x 1.5LH
Vibration level Front handle	2.3m/s²
Vibration level Rear handle	4.2m/s²
Dimensions (L x W x H)	1,805x680x227mm (71"x26-7/9"x9")
Net weight	7.9kg (17.4lbs)

Net weight : without blade, harness and fuel

P302 B

● Blade, Tool set, Harness

Petrol Brushcutter — DBC4510 45mL



High power brushcutter for professional users.

· Low vibration.
· Multi position gear box for perfect blade angle.

Displacement	45mL
Engine power	2.3kW / 3.1PS
Fuel mixture	50 : 1
Fuel tank	1.0L
Spindle size	M12 x 1.5LH
Sound pressure level	96dB(A)
Sound power level	108dB(A)
Vibration level Front handle	1.6m/s²
Vibration level Rear handle	2.8m/s²
Dimensions (L x W x H)	1,805x680x227mm (71"x26-7/9"x9")
Net weight	7.9kg (17.4lbs)

Net weight : without blade, harness and fuel

P302 B

● Blade, Tool set, Harness

Items of standard equipment and specifications may vary by country or area.

Outdoor Power Equipment

Petrol Brushcutter — RBC412U / RBC414U 40.2mL



P302

Makita robust brushcutter ideal for professional brush-cutting.

- Powerful and reliable 40.2mL engine designed for professionals and minimizing your maintenance job.
- Perfect balance and a excellent weight-to-power ratio.
- The rigid drive shaft, durable gear head and aluminum post ensure top-performance all day.
- Convenient swivel-post for any cutting positions.
- Carburetor : Float-type, Ignition system : Solid state ignition.



CDI

	RBC412U	RBC414U
Displacement	40.2mL	40.2mL
Engine power	1.40kW / 2.0PS	1.40kW / 2.0PS
Fuel mixture	25 : 1	25 : 1
Fuel tank	1.1L	1.1L
Spindle size	M10 x 1.25LH	M10 x 1.25LH
Sound pressure level	96.1dB(A)	95.91dB(A)
Sound power level	107.6dB(A)	107.44dB(A)
Vibration level Left handle	4.7m/s²	5.85m/s²
Vibration level Right handle	5.5m/s²	4.06m/s²
Dimensions	1,707x630x520mm	1,710x630x515mm
(L x W x H)	(67-1/2"x24-3/4"x20-1/2")	(67-3/8"x24-3/4"x20-1/4")
Net weight	7.4kg (16.3lbs)	7.2kg (15.9lbs)

Net weight : without blade, harness and fuel

● Blade or nylon cutting head (for some countries), Universal guard (for some countries), Shoulder harness, Socket wrench, Hex wrench, Accessory bag

Petrol Brushcutter — RBC411U / RBC413U 40.2mL



P302

Robust Makita brushcutter ideal for professional brush-cutting.

- Powerful and reliable 40.2mL engine .
- Perfect balance and a excellent weight-to-power ratio.
- The rigid drive shaft, durable gear head and aluminum post ensure top-performance all day.
- Solid state ignition system.



CDI

	RBC411U	RBC413U
Displacement	40.2mL	40.2mL
Engine power	1.40kW / 2.0PS	1.40kW / 2.0PS
Fuel mixture	25 : 1	25 : 1
Fuel tank	1.1L	1.1L
Spindle size	M10 x 1.25LH	M10 x 1.25LH
Sound pressure level	-	95.91dB(A)
Sound power level	-	107.44dB(A)
Vibration level Left handle	-	4.39m/s²
Vibration level Right handle	-	4.53m/s²
Dimensions	1,710x670x430mm	1,710x650x435mm
(L x W x H)	(67-1/2"x26-3/8"x17")	(67-3/8"x25-5/8"x17-1/8")
Net weight	7.3kg (16.1lbs)	7.1kg (15.7lbs)

Net weight : without blade, harness and fuel

● Saw blade, Protector, Harness, Tool set, Trimmer head

Petrol Brushcutter — RBC420E / RBC420 40.2mL



P302

Durable performance for pro's landscaping.

- Reliable and heavy-duty engine.
- Large cooling fan ensures cool operation.
- Large muffler for quieter operation.
- RBC420E : The offset handle bars allow you to work in a comfortable position.
- Carburetor : Diaphragm-type, Ignition system : Solid state ignition



Pb CDI

	RBC420E	RBC420
Displacement	40.2mL	40.2mL
Engine power	1.40kW / 1.90PS	1.40kW / 1.90PS
Fuel mixture	25 : 1	25 : 1
Fuel tank	0.83L	0.83L
Spindle size	M10 x 1.0LH	M10 x 1.0LH
Sound pressure level	90.9dB(A)	90.9dB(A)
Sound power level	103.9dB(A)	103.9dB(A)
Vibration level Left handle	4.2m/s²	4.5m/s²
Vibration level Right handle	3.0m/s²	4.6m/s²
Dimensions	1,710x570x410mm	1,710x570x410mm
(L x W x H)	(67-1/2"x22-1/2"x16-1/8")	(67-1/2"x22-1/2"x16-1/8")
Net weight	7.9kg (17.3lbs)	7.9kg (17.3lbs)

Net weight : without blade, harness and fuel

● Saw blade, Protector, Harness, Tool set

Petrol String Trimmer — ER2600L 25.7mL 2-stroke

new



P302

High power bent-shaft petrol string trimmer.

- Equipped with catalytic muffler to comply with the following exhaust emission regulations; EPA Phase 2, EU Stage 2.
- Compact protector.



Pb CDI

Displacement	25.7mL
Engine power	0.83kW / 1.1PS
Fuel tank	0.6L
Spindle size	M8 x 1.25RH
Sound pressure level	98.5dB(A)
Sound power level	109.8dB(A)
Vibration level Rear handle	6.0m/s²
Dimensions	1,490x300x485mm
(L x W x H)	(58-3/4"x11-3/4"x19-1/8")
Net weight	4.5kg (9.9lbs)

Net weight : without blade, harness and fuel.

● Nylon cutting head, Protector, Hex wrench, Accessory bag

Petrol String Trimmer — RST210 21mL / RST250 24.5mL



P302

Light weight and handy string trimmers for do-it-yourselfers.

- Low noise and vibration.
- Wide-trigger control and soft grip for comfortable operation.
- Carburetor : Diaphragm



Pb CDI

	RST210	RST210
Displacement	21mL	24.5mL
Engine power	0.62kW / 0.84PS	0.73kW / 1.0PS
Fuel mixture	25 : 1	25 : 1
Fuel tank	0.4L	0.5L
Spindle size	M8 x 1.25RH	M8 x 1.25RH
Sound pressure level	93.9dB(A)	95.3dB(A)
Sound power level	104.2dB(A)	106.9dB(A)
Vibration level Front handle	7.3m/s²	7.1m/s²
Vibration level Rear handle	6.1m/s²	7.8m/s²
Dimensions	1,540x210x430mm	1,490x300x485mm
(L x W x H)	(60-1/2"x8-1/4"x17")	(58-3/4"x11-3/4"x19-1/8")
Net weight	3.8kg (8.4lbs)	4.4kg (9.7lbs)

Net weight : without blade, band and fuel

● Trimmer head, Single harness (RST210), Protector (RST250), Tool set

Petrol Edger

EE2650H 25.4mL 4-stroke

new



MM4

Equipped with environment-friendly and cost-saving 25.4cc 4-stroke engine.

· Multi-position engine lubrication system.
· Straight shaft (solid shaft).
· Plate on gear housing for protection against contact to concrete etc.



Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Sound pressure level	88.6dB(A)
Sound power level	98.4dB(A)
Vibration level Front handle	3.7m/s²
Vibration level Rear handle	8.8m/s²
Dimensions (L x W x H)	1,773x242x315mm (69-3/4"x9-1/2"x12-3/8")
Net weight	6.6kg (14.6lbs)

Net weight : without harness and fuel

● Blade, Socket wrench, Hex wrench, Accessory bag, Oil bottle

String Trimmer

UR3000 300mm (11-3/4")



Lightweight AC string trimmer for do-it-yourselfers.

· Rigid aluminum pipe shaft.
· Easy-to-change spool assembly.
· Can be used as an edger.



Continuous rating Input	450W
Cutting width	300mm (11-3/4")
No load speed (rpm)	9,000
Dimensions (L x W x H)	1,016~1,256x301x262mm (40~49-1/2"x11-7/8"x10-3/8")
Net weight	2.6kg (5.7lbs)
Power supply cord	0.3m (1ft)

● Spool assembly, Shoulder belt, Safety goggles

Chain Saw

UC3051A 300mm (12") / UC3551A 350mm (14") / UC4051A 400mm (16") / UC4551A 450mm (18") 153

New adjustment lever for easier tool-less tension adjustment of saw chain and new oil pump.

· Large view window of Oil tank allows operator to easily check oil level.
· Ergonomically positional and angled front grip.
· Easy operation and maintenance.





Continuous rating Input	1,800W
Chain speed per minute	870m (2,900ft)
Guide bar length	UC3051A : 300mm (12"), UC3551A : 350mm (14")
	UC4051A : 400mm (16"), UC4551A : 450mm (18")
Saw chain	Pitch : 3/8"
	Gauge : input error
Sound pressure level	90.8dB(A)
Sound power level	101.8dB(A)
Vibration level	5.2m/s²
Dimensions (L x W x H)	505x200x220mm (19-7/8"x7-7/8"x8-5/8")
Net weight	UC3051A : 5.4kg (11.9lbs), UC3551A : 5.5kg (12.1lbs)
	UC4051A : 5.6kg (12.3lbs), UC4551A : 5.7kg (12.4lbs)

Dimensions : excluding blade and guide bar

➔P302 A

● Chain blade, Guide bar cover, Hook complete

Chain Saw

UC3050A 300mm (12") / UC3550A 350mm (14") / UC4050A 400mm (16") / UC4550A 450mm (18") 153

Longitudinal motor allows for slim and compact design, providing better maneuverability.

· Large view window of Oil tank allows operator to easily check oil level.
· Ergonomically positional and angled front grip.
· Easy operation and maintenance.





Continuous rating Input	1,800W
Chain speed per minute	870m (2,900ft)
Guide bar length	UC3050A : 300mm (12"), UC3550A : 350mm (14")
	UC4050A : 400mm (16"), UC4550A : 400mm (18")
Saw chain	Pitch : 3/8"
	Gauge : input error
Sound pressure level	90.8dB(A)
Sound power level	101.8dB(A)
Vibration level	5.2m/s²
Dimensions (L x W x H)	505x196x220mm (19-7/8"x7-3/4"x8-5/8")
Net weight	UC3050A : 5.4kg (11.9lbs), UC3550A : 5.5kg (12.1lbs)
	UC4050A : 5.6kg (12.2lbs), UC4550A : 5.7kg (12.5lbs)

Dimensions : excluding blade and guide bar

➔P302 A

● Chain blade, Guide bar cover, Hook complete

Chain Saw

UC3041A 300mm (12") / UC3541A 350mm (14") / UC4041A 400mm (16") 132

New adjustment lever for easier tool-less tension adjustment of saw chain and new oil pump.

· Large view window of Oil tank allows operator to easily check oil level.
· Ergonomically positional and angled front grip.
· Easy operation and maintenance.





Continuous rating Input	1,800W
Chain speed per minute	870m (2,900ft)
Guide bar length	UC3041A : 300mm (12"), 350mm (14"), 400mm (16")
Saw chain	Pitch : 3/8"
	Gauge : 1.1mm (0.043") / 1.3mm (0.050")
Sound pressure level	90.3dB(A)
Sound power level	101.3dB(A)
Vibration level	4.7m/s²
Dimensions (L x W x H)	455x245x200mm (17-7/8"x9-5/8"x7-7/8")
Net weight	UC3041A : 4.6kg (10.1lbs) / 4.7kg (10.3lbs)
	UC3541A / UC4041A : 4.7kg (10.3lbs) /4.8kg (10.5lbs)

Dimensions : excluding blade and guide bar

➔P302 A

● Chain blade, Guide bar cover, Hook complete

Outdoor Power Equipment

Petrol Chain Saw — EA3201S / EA3203S 300, 350, 400mm (12, 14, 16")



P302 A

Entry class chain saw.

- Complies with all known emission standards.
- Equipped with tool-less tension adjustment of saw chain. (EA3201S only)
- Touch & stop switch system keeps spark plug from getting wet.
- Chain oiling is adjustable.
- Anti-vibration design.
- EA3201S : with catalytic converter.



	EA3201S	EA3203S
Saw chain	Pitch : 3/8"	Pitch : 3/8"
	Gauge :	Gauge :
	1.1mm (0.043") / 1.3mm (0.050")	1.1mm (0.043") / 1.3mm (0.050")
Displacement	32mL	32mL
Engine power	1.35kW / 1.9PS	1.35kW / 1.9PS
Fuel tank	0.4L	0.4L
Chain oil tank	0.28L	0.28L
Sound pressure level	102.6dB(A)	102.6dB(A)
Sound power level	109.8dB(A)	109.8dB(A)
Vibration level Front handle	4.8m/s²	4.8m/s²
Vibration level Rear handle	4.8m/s²	4.8m/s²
Dimensions	405x269x273mm	405x269x273mm
(L x W x H)	(16"x10-5/8"x10-3/4")	(16"x10-5/8"x10-3/4")
Power head weight	4.2kg (9.3lbs)	4.1kg (9.0lbs)

Guide bar, Saw chain, Guide bar cover, Steel spike bumper, Socket wrench, Screwdriver

Petrol Chain Saw — EA3200S / EA3202S 300, 350, 400mm (12, 14, 16")



P302 A

Entry class chain saw.

- Complies with all known emission standards.
- Touch & stop switch system keeps spark plug from getting wet.
- Chain oiling is adjustable.
- Anti-vibration design.
- EA3200S : with catalytic converter.



	EA3200S	EA3202S
Saw chain	Pitch : 3/8"	Pitch : 3/8"
	Gauge :	Gauge :
	1.1mm (0.043") / 1.3mm (0.050")	1.1mm (0.043") / 1.3mm (0.050")
Displacement	32mL	32mL
Engine power	1.35kW / 1.9PS	1.35kW / 1.9PS
Fuel tank	0.4L	0.4L
Chain oil tank	0.28L	0.28L
Sound pressure level	102.6dB(A)	102.6dB(A)
Sound power level	109.8dB(A)	109.8dB(A)
Vibration level Front handle	4.8m/s²	4.8m/s²
Vibration level Rear handle	4.8m/s²	4.8m/s²
Dimensions	405x250x273mm	405x250x273mm
(L x W x H)	(16"x9-7/8"x10-3/4")	(16"x9-7/8"x10-3/4")
Power head weight	4.1kg (9.0lbs)	4.0kg (8.8lbs)

Guide bar, Saw chain, Guide bar cover, Steel spike bumper, Socket wrench, Screwdriver

Petrol Chain Saw — DCS3410 300, 350mm (12, 14")



P302 A

Excellent power to weight ratio.

- Sealed tank system.
- Allows professional and safe working in combination with climbing harnesses and hydraulic lift platforms.
- Optimum Vibration damping.
- Fast acceleration and low emissions.
- Easy, uncomplicated starting.



Saw chain	Pitch : 3/8"
	Gauge : 1.3mm (0.050")
Displacement	34mL
Engine power	1.4kW / 1.9PS
Fuel tank	0.28L
Sound pressure level	94.1dB(A)
Sound power level	104.7dB(A)
Vibration level Front handle	4.7m/s²
Vibration level Rear handle	5.2m/s²
Chain oil tank	0.22L
Net weight	3.5kg (7.7lbs)

Chain blade, Guide bar cover, Wrenches

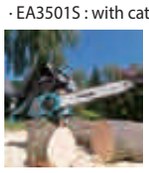
Petrol Chain Saw — EA3501S / EA3503S 300, 350, 400mm (12, 14 , 16")



P302 A

Entry class chain saw for home and garden with more power.

- Touch & Stop switch for easy operating.
- Environment-friendly 2-stroke engine with catalytic muffler to comply with well known exhaust emission regulations.
- Compact and lightweight body for better handling.
- Tool-less tension adjustment for saw chain.
- EA3501S : with catalytic converter.



	EA3501S	EA3503S
Saw chain	Pitch : 3/8"	Pitch : 3/8"
	Gauge :	Gauge :
	1.1mm (0.043") / 1.3mm (0.050")	1.1mm (0.043") / 1.3mm (0.050")
Displacement	35.0mL	35.0mL
Engine power	1.7kW / 2.4PS	1.7kW / 2.4PS
Fuel tank	0.4L	0.4L
Chain oil tank	0.29L	0.29L
Sound pressure level	101.8dB(A)	101.8dB(A)
Sound power level	111.8dB(A)	111.8dB(A)
Vibration level Front handle	4.9m/s²	4.9m/s²
Vibration level Rear handle	5.0m/s²	5.0m/s²
Dimensions	415x269x273mm	415x269x273mm
(L x W x H)	(16-3/8"x10-5/8"x10-3/4")	(16-3/8"x10-5/8"x10-3/4")
Power head weight	4.5kg (9.6lbs)	4.5kg (9.6lbs)

Chain blade, Guide bar cover, Wrench

Petrol Chain Saw — EA3500S / EA3502S 300, 350, 400mm (12, 14 , 16")



P302 A

Entry class chain saw for home and garden with more power.

- Touch & Stop switch for easy operating.
- Environment-friendly 2-stroke engine with catalytic muffler to comply with well known exhaust emission regulations.
- Compact and lightweight body for better handling.
- EA3500S : with catalytic converter.



	EA3500S	EA3502S
Saw chain	Pitch : 3/8"	Pitch : 3/8"
	Gauge :	Gauge :
	1.1mm (0.043") / 1.3mm (0.050")	1.1mm (0.043") / 1.3mm (0.050")
Displacement	35.0mL	35.0mL
Engine power	1.7kW / 2.4PS	1.7kW / 2.4PS
Fuel tank	0.4L	0.4L
Chain oil tank	0.29L	0.29L
Sound pressure level	101.8dB(A)	101.8dB(A)
Sound power level	111.8dB(A)	111.8dB(A)
Vibration level Front handle	4.9m/s²	4.9m/s²
Vibration level Rear handle	5.0m/s²	5.0m/s²
Dimensions	415x247x273mm	415x247x273mm
(L x W x H)	(16-3/8"x9-3/4"x10-3/4")	(16-3/8"x9-3/4"x10-3/4")
Power head weight	4.4kg (9.6lbs)	4.4kg (9.6lbs)

Chain blade, Guide bar cover, Wrench

Petrol Chain Saw

EA3600F 350, 400mm (14, 16")

new



In compliance with exhaust emission regulations, thanks to stratified scavenging engine.

- Centrifugal air cleaner for enhanced air filtration.
- New adjustment lever for easier tool-less tension adjustment of saw chain.
- This stratified scavenging 2-stroke engine has achieved low fuel consumption and reduced noxious exhaust emissions.



Saw chain	Pitch : 3/8"
	Gauge : 1.3mm (0.050")
Displacement	35.2mL
Engine power	1.7kW / 2.4PS
Fuel tank	0.31L
Chain oil tank	0.26L
Power head weight	4.2kg (9.2lbs)

Chain blade, Guide bar cover, Wrench

P302 A

Petrol Chain Saw

EA3601F 350, 400mm (14, 16")

new



In compliance with exhaust emission regulations, thanks to stratified scavenging engine.

- Centrifugal air cleaner for enhanced air filtration.
- New adjustment lever for easier tool-less tension adjustment of saw chain.
- This stratified scavenging 2-stroke engine has achieved low fuel consumption and reduced noxious exhaust emissions.
- Tool-less tension adjustment of saw chain.

Saw chain	Pitch : 3/8"
	Gauge : 1.3mm (0.050")
Displacement	35.2mL
Engine power	1.7kW / 2.4PS
Fuel tank	0.31L
Chain oil tank	0.26L
Power head weight	4.2kg (9.2lbs)

Chain blade, Guide bar cover, Wrench

P302 A

Petrol Chain Saw

EA3500F / EA3501F 350, 400mm (14,16")



Catalytic muffler to comply with all known exhaust emission regulations.

- Rapid start, On-off choke combination switch and Primer pump for providing higher maneuverability.
- A light touch on the switch stops the engine, and the switch returns automatically to the start position, eliminating irksome flooding of the carburetor.
- Increased Output power by improving combustion efficiency with the change of Spark plug.
- EA3500F : with catalytic converter.

	EA3500F	EA3501F
Saw chain	Pitch : 3/8"	Pitch : 3/8"
	Gauge : 1.3mm (0.050")	Gauge : 1.3mm (0.050")
Displacement	34.7mL	34.7mL
Engine power	1.7kW / 2.4PS	1.7kW / 2.4PS
Fuel tank	0.48L	0.48L
Chain oil tank	0.28L	0.28L
Sound pressure level	100.8dB(A)	100.8dB(A)
Sound power level	110dB(A)	110dB(A)
Vibration level Front handle	4.3m/s²	4.3m/s²
Vibration level Rear handle	3.6m/s²	3.6m/s²
Dimensions	416x248x279mm	416x248x279mm
(L x W x H)	(16-3/8"x9-3/4"x11")	(16-3/8"x9-3/4"x11")
Power head weight	4.9kg (10.7lbs)	4.8kg (10.5lbs)

Net weight : without Guide bar, Saw chain

Chain blade, Guide bar cover, Wrench

P302 A

Petrol Chain Saw

EA4300F / EA4301F 330, 380, 450mm (13,15, 18")



Catalytic muffler to comply with all known exhaust emission regulations.

- Rapid start, On-off choke combination switch and Primer pump for providing higher maneuverability.
- A light touch on the switch stops the engine, and the switch returns automatically to the start position, eliminating irksome flooding of the carburetor.
- Increased Output power by improving combustion efficiency with the change of Spark plug.
- EA4300F : with catalytic converter.

	EA4300F	EA4301F
Saw chain	Pitch : 0.325"	Pitch : 0.325"
	Gauge : 1.3mm (0.050")	Gauge : 1.3mm (0.050")
Displacement	42.4mL	42.4mL
Engine power	2.2kW / 3.0PS	2.2kW / 3.0PS
Fuel tank	0.48L	0.48L
Chain oil tank	0.28L	0.28L
Sound pressure level	100.8dB(A)	100.8dB(A)
Sound power level	110dB(A)	110dB(A)
Vibration level Front handle	3.6m/s²	3.6m/s²
Vibration level Rear handle	3.2m/s²	3.2m/s²
Dimensions	416x248x279mm	416x248x279mm
(L x W x H)	(16-3/8"x9-3/4"x11")	(16-3/8"x9-3/4"x11")
Power head weight	4.9kg (10.7lbs)	4.8kg (10.5lbs)

Net weight : without Guide bar, Saw chain

Chain blade, Guide bar cover, Wrench

P302 A

Petrol Chain Saw

DCS461 / DCS460 330, 380, 450, 530mm (13, 15, 18, 21")



Ergonomically designed down to micromillimeter for professionals. High performance engine.

- Easy cleaning and low maintenance of entire unit.
- Pre-chamber system for good air filtration.
- Extremely low vibration for long work without fatigue.
- On-Off-chock combination switch with automatic half-throttle lock.
- DCS461 : Rapid start



DCS461

	DCS461	DCS460
Saw chain	Pitch : 0.325" or 3/8"	Pitch : 0.325" or 3/8"
	Gauge : input error	Gauge : input error
Displacement	45.6mL	45.6mL
Engine power	2.2kW / 3.0PS	2.2kW / 3.0PS
Fuel tank	0.47L	0.47L
Sound pressure level	102.1dB(A)	102.1dB(A)
Sound power level	110.8dB(A)	110.8dB(A)
Vibration level Front handle	4.1m/s²	4.1m/s²
Vibration level Rear handle	3.6m/s²	3.6m/s²
Chain oil tank	0.27L	0.27L
Net weight	5.5kg (12.1lbs)	5.5kg (12.1lbs)

Chain blade, Guide bar cover, Wrenches

P302 A

Items of standard equipment and specifications may vary by country or area.

Outdoor Power Equipment

Petrol Chain Saw — DCS520 380, 450, 530mm (15, 18")



P302 A

Rugged, robust and all-round saw for tree felling, ripping logs, limbing and brush clearing.

- Inertia chain brake.
- External electronic ignition.
- Automatic adjustable chain oilier.
- Innovative injection carburetor.
- Double air-filtration system.



Chain blade, Guide bar cover, Wrenches

Saw chain	Pitch : 3/8"
	Gauge : 1.5mm (0.058")
Displacement	52mL
Engine power	2.4kw
Fuel tank	0.56L
Chain oil tank	0.28L
Net weight	4.5kg (9.9lbs)

Petrol Chain Saw — DCS5121 330, 380, 450, 530mm (13, 15, 18, 21")

new



P302 A

Ergonomically designed down to micromillimeter for professionals. High performance engine.

- Easy cleaning and low maintenance of entire unit.
- Pre-chamber system for good air filtration.
- Extremely low vibration for long work without fatigue.
- On-Off-chock combination switch with automatic half-throttle lock.
- Environment-friendly 2-stroke engine with catalytic muffler to comply with well known exhaust emission regulations.



Chain blade, Guide bar cover, Wrenches

Saw chain	Pitch : 0.325" or 3/8"
	Gauge : : 1.5mm (0.058")
Displacement	49.9mL
Engine power	2.4kW / 3.3PS
Fuel tank	0.47L
Sound pressure level	102.4dB(A)
Sound power level	111.3dB(A)
Vibration level Front handle	5.2m/s^2
Vibration level Rear handle	3.7m/s^2
Chain oil tank	0.27L
Net weight	5.5kg (12.1lbs)

Petrol Chain Saw — DCS4630 330, 380, 450mm (13, 15, 18")



P302 A

Ergonomically designed for professionals. High performance engine.

- High rpm and super-fast acceleration.
- Good cooling for a high reliability.
- Tool-less filter maintenance.
- Powerful engine for felling and chopping medium-thick wood.
- Adjustable oil pump, disabled at engine idling.



Chain blade, Guide bar cover, Wrenches

Saw chain	Pitch : 0.325 or 3/8"
	Gauge : : 1.5mm (0.058")
Displacement	45.6mL
Engine power	2.6kW / 3.5PS
Fuel tank	0.47L
Sound pressure level	102.1dB(A)
Sound power level	110.8dB(A)
Vibration level Front handle	4.1m/s^2
Vibration level Rear handle	3.6m/s^2
Power head weight	5.1kg (11.2lbs)

Petrol Chain Saw — DCS4600S 330, 380, 450mm (13, 15, 18")



P302 A

Ergonomically designed down to micromillimeter for professionals. High performance engine.

- Easy cleaning and low maintenance of entire unit.
- Pre-chamber system for good air filtration.
- Extremely low vibration for long work without fatigue.
- On-Off-chock combination switch with automatic half-throttle lock.



Chain blade, Guide bar cover, Chain cover, Wrenches

Saw chain	Pitch : 0.325" or 3/8"
	Gauge : 1.5mm (0.058")
Displacement	45.6mL
Engine power	2.6kW / 3.5PS
Fuel tank	0.5L
Power head weight	4.9kg (10.8lbs)

Petrol Chain Saw — EA5001P / EA5000P 330, 380, 450mm (13, 15, 18")

new



P302 A

Powerful chain saw for professional users.

- Environment-friendly 2-stroke engine with catalytic muffler to comply with well known exhaust emission regulations.
- Touch & Stop switch for easy operating.
- EA5001P : With handle heating system.

Chain blade, Guide bar cover, Wrench

	EA5001P	EA5000P
Saw chain	Pitch : 3/8"	Pitch : 3/8"
	Gauge : 1.5mm (0.058")	Gauge : 1.5mm (0.058")
Displacement	50mL	50mL
Engine power	2.8kW / 3.9PS	2.8kW / 3.9PS
Fuel tank	0.5L	0.5L
Chain oil tank	0.3L	0.3L
Sound pressure level	101dB(A)	101dB(A)
Sound power level	108.6dB(A)	108.6dB(A)
Vibration level Front handle	5.2m/s^2	5.2m/s^2
Vibration level Rear handle	3.7m/s^2	3.7m/s^2
Power head weight	5.2kg (11.4lbs)	5.2kg (11.4lbs)

Petrol Chain Saw

EA6101P / EA6100P 380 - 600mm (15 - 23-5/8")



Stratified scavenging system complying with many exhaust emission regulations.

- Low-vibration system with damper springs to absorb vibration from engine to integrated front and rear handles.
- Enhanced air filtration; centrifugal separation system effectively removes dust particles away from intake air and reduces dust stuck on the filter.
- Easy start-up with spring-assisted recoil starter reduces user's fatigue by drastic reduction of resistance caused when the starter rope is pulled.
- EA6101P : With handle heating system.

	EA6101P	EA6100P
Saw chain	Pitch : 0.325 or 3/8"	Pitch : 0.325 or 3/8"
	Gauge : 1.5mm (0.058")	Gauge : 1.5mm (0.058")
Displacement	60.7mL	60.7mL
Engine power	3.4kW / 4.6PS	3.4kW / 4.6PS
Fuel tank	0.8L	0.8L
Chain oil tank	0.48L	0.48L
Sound pressure level	105.1dB(A)	105dB(A)
Sound power level	115.3dB(A)	117dB(A)
Vibration level Front handle	6.2m/s²	5.0m/s²
Vibration level Rear handle	4.1m/s²	4.0m/s²
Power head weight	6.1kg (13.4lbs)	6.0kg (13.2lbs)

P302 A

● Chain blade, Guide bar cover, Wrenches

Petrol Chain Saw

EA7301P / EA7300P 450, 500, 600, 700mm (18, 20, 24, 28")



For professional chain saw with ergonomic designed body.

- Equipped with SLR muffler in compliance with all known exhaust emission regulations without using catalytic converter.
- Low starting effort with decompression valve.
- EA7301P : With handle heating system.

	EA7301P	EA7300P
Saw chain	Pitch : 3/8"	Pitch : 3/8"
	Gauge : 1.5mm (0.058")	Gauge : 1.5mm (0.058")
Displacement	73mL	73mL
Engine power	4.0kW / 5.4PS	4.0kW / 5.4PS
Fuel tank	0.75L	0.75L
Chain oil tank	0.42L	0.42L
Power head weight	6.3kg (13.8lbs)	6.3kg (13.8lbs)

P302 A

● Chain blade, Guide bar cover, Wrenches

Petrol Chain Saw

EA7901P / EA7900P 380, 450, 500, 600mm (15, 18, 20, 24")



Ergonomically designed down to micromillimeter for professionals. High performance engine.

- Equipped with SLR muffler in compliance with all known exhaust emission regulations without using catalytic converter.
- Low starting effort with decompression valve.
- EA7901P : With handle heating system.

	EA7901P	EA7900P
Saw chain	Pitch : 3/8"	Pitch : 3/8"
	Gauge : 1.5mm (0.058")	Gauge : 1.5mm (0.058")
Displacement	79mL	79mL
Engine power	4.3kW / 5.8PS	4.3kW / 5.8PS
Fuel tank	0.75L	0.75L
Chain oil tank	0.42L	0.42L
Sound pressure level	105.1dB(A)	105.1dB(A)
Sound power level	115.3dB(A)	115.3dB(A)
Vibration level Front handle	6.6m/s²	6.6m/s²
Vibration level Rear handle	4.5m/s²	4.5m/s²
Power head weight	6.3kg (13.8lbs)	6.3kg (13.8lbs)

P302 A

● Chain blade, Guide bar, Guide bar cover, Socket wrench

Petrol Chain Saw

DCS9010 500, 600, 740mm (20, 24, 29")



New heavy timber saw for the hardest working for professionals.

- Armed with newly designed carburetor, ignition Assembly, muffler and 7- tooth sprocket.
- Max. engine speed 13,500rpm.

	DCS9010
Saw chain	Pitch : 3/8"
	Gauge : 1.5mm (0.058")
Displacement	90mL
Engine power	4.9kW / 6.7PS
Fuel tank	1L
Chain oil tank	0.4L
Sound pressure level	103dB(A)
Sound power level	114dB(A)
Vibration level Front handle	7.0m/s²
Vibration level Rear handle	6.2m/s²
Power head weight	8.2kg (18.1lbs)



P302 A

● Chain blade, Guide bar cover, Wrench, Screwdriver

Outdoor Power Equipment

Petrol Chain Saw — DCS232T 250mm (10")



➔P302 A

Lightweight & Easy Start System.

- Easy to handle for pruning orchard roadside and park trees.
- Employment of the "Lift-up" type carburetor allows idling start to prevent the chain blade run at start-ups.
- Automatic adjustable chain oiling.
- Chain blade pitch : 3/8″ for sprocket nose bar, 1/4″ for carving bar.



Saw chain	Pitch : 1/4" or 3/8"
	Gauge : 1.3mm (0.050")
Displacement	22.2mL
Power rating	0.74kw / 1.02PS
Fuel tank	0.2L
Chain oil tank	0.19L
Sound pressure level	95dB(A)
Sound power level	104.1dB(A)
Vibration level Front handle	6.0m/s²
Vibration level Rear handle	5.0m/s²
Power head weight	2.5kg (5.5lbs)

Chain blade 250mm (25ap-60e for carving bar or 91vg-40e for sprocket nose bar), Guide bar (carving bar or sprocket nose bar), Guide bar cover, Wrench 13-16

Petrol Chain Saw — EA3110T 250, 300mm (10″12″)



➔P302 A

Top-handled chain saw developed based on EA3100T powered by 30.1mL 2-stroke engine to comply with strict exhaust emission regulations.

- Spring-assisted recoil starter and Primer pump.
- Compact and lightweight body for better handling.
- Low vibration achieved by adopting rubber and spring as anti-vibration components.



Saw chain	Pitch : 3/8"
	Gauge : 1.3mm (0.050")
Displacement	30.1mL
Engine power	1.0kW / 1.4PS
Fuel tank	0.24L
Chain oil tank	0.18L
Vibration level Front handle	3.3m/s²
Vibration level Rear handle	3.7m/s²
Dimensions	259x236x217mm
(L x W x H)	(10-1/4"x9-1/4"x8-1/2")
Power head weight	3.2kg (7.0lbs)

Guide bar, Saw chain, Guide bar cover, Socket wrench, + Screwdriver, - Screwdriver

Petrol Chain Saw — DCS3410TH 300, 350mm (12, 14")



➔P302 A

Excellent power to weight ratio.

- Sealed tank system.
- Allows professional and safe working in combination with climbing harnesses and hydraulic lift platforms.
- Optimum Vibration damping.
- Fast acceleration and low emissions.
- Easy, uncomplicated starting.



Saw chain	Pitch : 3/8"
	Gauge : 1.3mm (0.050")
Displacement	34mL
Engine power	1.4kW / 1.9PS
Fuel tank	0.28L
Sound pressure level	94.1dB(A)
Sound power level	104.7dB(A)
Vibration level Front handle	4.7m/s²
Vibration level Rear handle	5.2m/s²
Chain oil tank	0.22L
Net weight	3.3kg (7.3lbs)

Chain blade, Guide bar cover, Wrenches

Petrol Chain Saw — EA3700T 300, 350, 400mm (12, 14, 16″)

new



➔P302 A

Top handle chain saw equipped with 36.4mL stratified air scavenging 2-stroke engine.

- Low fuel consumption and in compliance with exhaust emission regulations, thanks to stratified air scavenging engine.
- High durability - One-piece molded metal construction of crankcase and guide bar holder.
- Easy start (Spring-assisted recoil starter) reduces the pull force required to start the machine.
- Compact and lightweight design for easy handling and high maneuverability.
- Centrifugal air cleaner for enhanced air filtration.

Saw chain	Pitch : 3/8"
	Gauge : 1.3mm (0.050")
Displacement	36.4mL
Engine power	1.5kW / 2.0PS
Fuel tank	0.31L
Chain oil tank	0.22L
Power head weight	3.7kg (8.2lbs)
Net weight	3.7kg (8.2lbs)

Chain blade, Guide bar cover, wrenches

Telescopic Petrol Pole Saw — EY2650H 25.4mL 4-stroke



MM4

➔P302 A

Telescopic petrol pole saw loaded with a 25.4mL Makita 4-stroke engine.

- Lightweight pole saw head for reduced operator fatigue.
- In compliance with main exhaust emission regulations, including the regulations of San Dimas.
- Multi-position lubrication system enables the engine to be inclined to any angle for continuous operation without emission of the white smoke and the smell of burning engine oil.



Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Guide bar length	255mm (10")
Saw chain	Gauge : 1.3mm (0.050")
	Pitch : 3/8"
Sound pressure level	89.5dB(A)
Sound power level	107.3dB(A)
Vibration level Left handle	7.2m/s²
Vibration level Right handle	5.3m/s²
Dimensions (L x W x H)	2,720x223x240mm (107"x8-3/4"x9-1/2")
Net weight	7.2kg (16.0bs)

Net weight : without harness and fuel

Blade cover, Tool set, Oil set

Hedge Trimmer

UH5580 550mm (21-5/8") / UH6580 650mm (25-1/2") / UH7580 750mm (29-1/2")

419



➔P302

High power and superior operation.

- Ergonomically designed rubberized soft grips provide more control and comfort.
- Three switches are installed in handle, front grip and sub grip.
- Tool starts only when any two pair of the three switches are pressed at the same time.
- Guard is provided at the tip of blades to prevent kick-back.
- Blades are coated particularly to improve durability.



Blade cover, Hook complete, Belt hook

	UH5580	UH6580	UH7580
Continuous rating Input	670W	670W	670W
Blade length	550mm (21-5/8")	650mm (25-1/2")	750mm (29-1/2")
Strokes per minute (spm)	3,000	3,000	3,000
Tooth spacing	18mm (11/16")	18mm (11/16")	18mm (11/16")
Sound pressure level	86.5dB(A)	86.5dB(A)	86.5dB(A)
Sound power level	94.5dB(A)	94.5dB(A)	94.5dB(A)
Vibration level Front handle	4.4m/s²	4.4m/s²	4.4m/s²
Vibration level Rear handle	4.4m/s²	4.4m/s²	4.4m/s²
Dimensions (L x W x H)	970x223x206mm (38-1/4"x8-3/4"x8-1/8")	1,049x223x206mm (41-1/4"x8-3/4"x8-1/8")	1,157x223x206mm (45-1/2"x8-3/4"x8-1/8")
Net weight	4.2kg (9.2lbs)	4.3kg (9.4lbs)	4.4kg (9.7lbs)
Power supply cord	0.3m (0.98ft)	0.3m (0.98ft)	0.3m (0.98ft)

Hedge Trimmer

UH4570 450mm (17-3/4") / UH5570 550mm (21-5/8") / UH6570 650mm (25-1/2")

419



➔P302

Comfortable operation by ergonomically designed rubberized soft grip.

- Three switches are installed in handle, front grip and sub grip.
- Tool starts only when any two pair of the three switches are pressed at the same time.
- Guard is provided at the tip of blades to prevent kick-back.
- Blades are coated particularly to improve durability.



Blade cover, Hook complete, Belt hook

	UH4570	UH5570	UH6570
Continuous rating Input	550W	550W	550W
Blade length	450mm (17-3/4")	550mm (21-5/8")	650mm (25-1/2")
Strokes per minute (spm)	3,200	3,200	3,200
Tooth spacing	18mm (11/16")	18mm (11/16")	18mm (11/16")
Sound pressure level	89.9dB(A)	89.9dB(A)	89.9dB(A)
Sound power level	97.9dB(A)	97.9dB(A)	97.9dB(A)
Vibration level	6.7m/s²	6.7m/s²	6.7m/s²
Dimensions (L x W x H)	862x223x206mm (34"x8-3/4"x8-1/8"]z	970x223x206mm (38-1/4"x8-3/4"x8-1/8")	1,042x223x206mm (41"x8-3/4"x8-1/8")
Net weight	3.5kg (7.7lbs)	3.6kg (7.9lbs)	3.7kg (8.1lbs)
Power supply cord	0.3m (0.98ft)	0.3m (0.98ft)	0.3m (0.98ft)

Hedge Trimmer

UH4261 420mm (16-1/2") / UH4861 480mm (18-7/8") / UH5261 520mm (20-1/2")

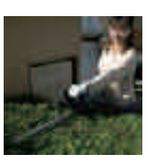
419



➔P302

Ergonomically designed grips provides more control and comfort while minimizing hand fatigue.

- Stain-free shear blade surface of glittering silver obtained by non-electrolyzed nickel plating that features high anti-abrasion surface for long lasting coating.
- Protection of extension cord from breakage.



Blade cover, Hook complete, Cord holder complete set

	UH4261	UH4861	UH5261
Continuous rating Input	400W	400W	400W
Blade length	420mm (16-1/2")	480mm (18-7/8")	520mm (20-1/2")
Strokes per minute (spm)	3,200	3,200	3,200
Tooth spacing	15mm (9/16")	15mm (9/16")	15mm (9/16")
Sound pressure level	82dB(A)	82dB(A)	82dB(A)
Sound power level	93dB(A)	93dB(A)	93dB(A)
Vibration level	6.7m/s²	6.7m/s²	6.7m/s²
Dimensions (L x W x H)	821x194x194mm (32-1/4"x7-5/8"x7-5/8")	871x194x194mm (34-1/4"x7-5/8"x7-5/8")	921x194x194mm (36-1/4"x7-5/8"x7-5/8")
Net weight	2.9kg (6.4lbs)	3.0kg (6.5lbs)	3.0kg (6.7lbs)
Power supply cord	0.3m (0.98ft)	0.3m (0.98ft)	0.3m (0.98ft)

Petrol Hedge Trimmer

EH5000W 500mm (19-3/4") / EH6000W 600mm (23-5/8") / EH7500W 500mm (29-1/2")



➔P302

The most Lightest weight 22.2cc petrol hedge trimmer with double-sided blade.

- Complying with any exhaust emission regulations in the world.
- Rotatable handle is convenient for various style operation.
- Forward exhaust direction for operator's health and comfort.
- Long lubrication cycle.
- Durable shear blade by special coating.



Blade cover, Socket wrench, Hex wrench

	EH5000W	EH6000W	EH7500W
Blade length	500mm (19-3/4")	600mm (23-5/8")	750mm (29-1/2")
Displacement	22.2mL	22.2mL	22.2mL
Engine power	0.68kW / 1.0PS	0.68kW / 1.0PS	0.68kW / 1.0PS
Fuel tank	0.4L	0.4L	0.4L
Tooth spacing	35mm (1-3/8")	35mm (1-3/8")	35mm (1-3/8")
Sound pressure level	93.0dB(A)	92.8dB(A)	93.9dB(A)
Sound power level	103.0dB(A)	103.2dB(A)	103.8dB(A)
Vibration level Front handle	2.5m/s²	2.8m/s²	2.3m/s²
Vibration level Rear handle	2.5m/s²	2.7m/s²	2.3m/s²
Dimensions (L x W x H)	1,014x262x216mm (40"x10-3/8"x8-1/2")	1,119x262x216mm (44"x10-3/8"x8-1/2")	1,259x262x216mm (49-1/2"x10-3/8"x8-1/2")
Net weight	4.8kg (10.5lbs)	5.0kg (11.0lbs)	5.2kg (11.4lbs)

Net weight : without fuel

Petrol Hedge Trimmer

EH6000S 600mm (23-5/8") / EH7500S 750mm (29-1/2")



➔P302

Most Lifghtweight 22.2cc petrol hedge trimmers in compliance with any exhust emission regulations.

- Long lubrication cycle.
- Ergonomically designed rubberized soft grip.
- Forward exhaust direction for operator's health and comfort.
- Blade teeth with 3 sharpened edges.
- Durable shear blade by special coating.



Blade cover, Tool set

	EH6000S	EH7500S
Blade length	600mm (23-5/8")	750mm (29-1/2")
Displacement	22.2mL	22.2mL
Engine power	0.68kW / 1.0PS	0.68kW / 1.0PS
Fuel tank	0.4L	0.4L
Tooth spacing	35mm (1-3/8")	35mm (1-3/8")
Sound pressure level	94.3dB(A)	94.3dB(A)
Sound power level	101.8dB(A)	101.8dB(A)
Vibration level Front handle	3.5m/s²	3.5m/s²
Vibration level Rear handle	3.2m/s²	3.2m/s²
Dimensions (L x W x H)	1010x323x212mm (39-3/4"x12-3/4"x8-3/8")	1,150x323x212mm (45-1/4"x12-3/4"x8-3/8")
Net weight	4.7kg (10.4lbs)	4.7kg (10.4lbs)

Net weight : without blade, band, and fuel

Items of standard equipment and specifications may vary by country or area.

Outdoor Power Equipment

Petrol Hedge Trimmer — HTR4500 450mm (17-3/4")



➔P302

Double blade type.

· Wide-trigger control and soft grip for comfortable operation.
· Carburetor : Diaphragm



CDI

● Blade cover, Tool set

Blade length	450mm (17-3/4")
Displacement	21mL
Engine power	0.62kW / 0.84PS
Fuel tank	0.4L
Sound pressure level	88.5dB(A)
Sound power level	107.1dB(A)
Vibration level Front handle	6.6m/s²
Vibration level Rear handle	6.8m/s²
Dimensions (L x W x H)	964x244x218mm (38"x9-5/8"x8-5/8")
Net weight	4.4kg (9.7lbs)

Net weight : without fuel

Petrol Hedge Trimmer — HTR4901 490mm (19-1/4")



➔P302

Double blade type.

· Rear handle swivels 180 degree, making vertical trimming easier.
· Carburetor : Diaphragm



CDI

● Blade cover, Tool set

Blade length	490mm (19-1/4")
Displacement	21mL
Engine power	0.62kW / 0.84PS
Fuel tank	0.4L
Tooth spacing	29mm (1-1/8")
Sound pressure level	96.6dB(A)
Sound power level	103.8dB(A)
Vibration level Front handle	9.8m/s²
Vibration level Rear handle	11.6m/s²
Dimensions (L x W x H)	1,060x255x220mm (41-3/4"x10"x8-5/8")
Net weight	4.7kg (10.4lbs)

Net weight : without fuel

Petrol Hedge Trimmer — HTR5600 560mm (22")



➔P302

Double blade type.

· Very powerfull 2-stroke engine desinged for tougher job.
· Carburetor : Diaphragm



CDI

● Blade cover, Tool set

Blade length	560mm (22")
Displacement	24.5mL
Engine power	0.73kW / 0.99PS
Fuel tank	0.6L
Tooth spacing	28mm (1-1/8")
Sound pressure level	96.2dB(A)
Sound power level	103.6dB(A)
Vibration level Front handle	12.1m/s²
Vibration level Rear handle	11.1m/s²
Dimensions (L x W x H)	840x246x225mm (33"x9-11/16"x8-7/8")
Net weight	5.1kg (11.2lbs)

Net weight : without fuel

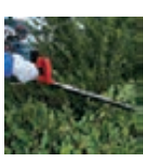
Petrol Hedge Trimmer — HTR7610 750mm (29-1/2")



➔P302

Wide-trigger control and soft grip for comfortable operation.

· Very powerfull 2-stroke engine desinged for tougher job.



CDI

● Blade cover, Tool set

Blade length	750mm (29-1/2")
Displacement	24.5mL
Engine power	0.73kW / 0.99PS
Fuel tank	0.6L
Sound pressure level	96.4dB(A)
Sound power level	106.4dB(A)
Vibration level Front handle	12.6m/s²
Vibration level Rear handle	6.1m/s²
Dimensions (L x W x H)	1,041x280x258mm (41"x11"x10-1/8")
Net weight	5.4kg (11.9lbs)

Net weight : without fuel

Petrol Pole Hedge Trimmer — EN4951SH 25.4mL 4-stroke

new

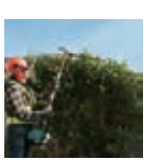


MM4

➔P302

Lightweight and Short petrol pole hedge trimmer. (2 grips)

· 25.4mL 4-stroke engine with multi-position engine lubrication system.
· 180° foldable hedge trimmer head for easy transport and storage.
· Built-in clutch to prevent unintentional blade motion while the hedge trimmer head is 180° folded.



CDI D

● Blade cover, Tool set, Oil set

Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Strokes per minute (spm)	4,200
Dimensions (L x W x H)	2,050x233x241mm (80-1/2"x9"x9-1/2")
Net weight	6.6kg (14.6lbs)

Net weight : without harness and fuel

Items of standard equipment and specifications may vary by country or area.

Petrol Pole Hedge Trimmer — EN4950H 25.4mL 4-stroke (Multi-position)



MM4

➔P302

25.4mL 4-stroke engine with multi-position engine lubrication system.

· 180° foldable hedge trimmer head for easy transport and storage.
· Built-in clutch to prevent unintentional blade motion while the hedge trimmer head is 180° folded.



CDI

● Blade cover, Tool set, Accessory Bag, Oil set

Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Strokes per minute (spm)	4,200
Sound pressure level	90dB(A)
Sound power level	102.2dB(A)
Vibration level Front handle	6.3m/s²
Vibration level Rear handle	8.9m/s²
Dimensions (L x W x H)	2,550x242x241mm (100-1/2"x9-1/2"x9-1/2")
Net weight	6.9kg (15lbs)

Net weight : without harness and fuel

Petrol Pole Hedge Trimmer — EN5950SH 25.4mL 4-stroke (Multi-position)



MM4

➔P302

Short shaft type powered by 25.4mL 4-stroke engine with multi-position engine lubrication system.

· Compact and lightweight hedge trimmer head, providing more comfort, control and better maneuverability.
· Ergonomically designed large loop handle.



CDI

● Blade cover, Wrenches, Accessory bag, Oil set

Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Strokes per minute (spm)	4,200
Sound pressure level	87.1dB(A)
Sound power level	99.6dB(A)
Vibration level Front handle	6.8m/s²
Vibration level Rear handle	9.6m/s²
Dimensions (L x W x H)	1,780x242x241mm (70"x9-1/2"x9-1/2")
Net weight	6.0kg (13.2lbs)

Net weight : without harness and fuel

Petrol Pole Hedge Trimmer — EN7350SH 25.4mL 4-stroke (Multi-position)



MM4

➔P302

Short shaft type powered by 25.4mL 4-stroke engine with multi-position engine lubrication system.

· Compact and lightweight hedge trimmer head, providing more comfort, control and better maneuverability.
· Ergonomically designed large loop handle.



CDI

● Blade cover, Wrenches, Accessory bag, Oil set

Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Strokes per minute (spm)	4,200
Sound pressure level	88.0dB(A)
Sound power level	100.3dB(A)
Vibration level Front handle	5.9m/s²
Vibration level Rear handle	8.8m/s²
Dimensions (L x W x H)	1,910x259x241mm (75-1/4"x10-1/4"x9-1/2")
Net weight	6.2kg (13.7lbs)

Net weight : without harness and fuel

Coffee Harvester — EJ2650LH 25.4mL 4-stroke (Multi-position)



MM4

Optimum tool to harvest coffee.

· Durable and maneuverable shaker fingers.
· Operable even at slope.
· No choke at starting engine.
· Good oil maintenance feature.
· Large loop handle.



CDI

● Single harness, Socket wrench, Hex wrench, Wrench, Oil bottle

Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Dimensions (L x W x H)	2,030x385x241mm (80"x15-1/8"x9-1/2")
Net weight	6.1kg (13.4lbs)

Net weight : without harness and fuel

Coffee Harvester — EJ2651WH 25.4mL 4-stroke (Multi-position)



MM4

Optimum tool to harvest coffee.

· Durable and maneuverable shaker fingers.
· Operable even at slope.
· No choke at starting engine.
· Good oil maintenance feature.



CDI

● Single, Harness, Socket wrench, Hex wrench, Wrench, Oil bottle

Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Dimensions (L x W x H)	1,535x350x241mm (60-1/2"x13-3/4"x9-1/2")
Net weight	5.6kg (12.3lbs)

Net weight : without fuel

Items of standard equipment and specifications may vary by country or area.

Outdoor Power Equipment

Electric Lawn Mower — ELM3311 330mm (13")



Silent and without emission. Ideal for smaller garden.

Central height adjustment with 3 positions.
· Carry handle makes easy to handle.
· Lever type knob is easy to use.
· Lightweight grass box.
· Lightweight plastic deck.

Continuous rating Input	*1,100W*
Cutting width	*330mm (13")*
Cutting height	*20,40,55mm (13/16, 1-9/16, 2-3/16")*
Recommended mowing area up to	*400m2*
Grass box capacity	*27L*
Dimensions (L x W x H)	*621x376x312mm (24-1/2"x14-3/4"x12-1/4")*
Net weight	*13.0kg (28.7lbs)*

Electric Lawn Mower — ELM3711 370mm (14-1/2")



Silent and without emission. Ideal for smaller garden.

· Central height adjustment with 3 positions.
· Carry handle makes easy to handle.
· Lever type knob is easy to use.
· Lightweight grass box.
· Lightweight plastic deck.



Continuous rating Input	*1,300W*
Cutting width	*370mm (14-1/2")*
Cutting height	*20,40,55mm (13/16, 1-9/16, 2-3/16")*
Recommended mowing area up to	*500m2*
Grass box capacity	*35L*
Dimensions (L x W x H)	*662x412x312mm (26"x16-1/2"x12-5/8")*
Net weight	*4.8kg (32.6lbs)*

Electric Lawn Mower — ELM3800 380mm (15")



380mm Electric Lawn Mower which expands the cutting width from ELM3711.

· Central height adjustment with 6 positions.
· Fill-level indicator.

Continuous rating Input	*1,400W*
Cutting width	*380mm (15")*
Cutting height	*25-75mm (1"- 2-15/16")*
Recommended mowing area up to	*500m2*
Grass box capacity	*40L*
Dimensions (L x W x H)	*1150x475x1025mm (45-1/4"x18-3/4"x40-1/4")*
Net weight	*13.0kg (28.7lbs)*

Electric Lawn Mower — ELM4110 410mm (16-1/8")



More maneuverable electric lawn mower.

· Central height adjustment with 5 positions.
· Lightweight grassbox.
· Large knob is easy to grip.
· Robust steel deck. Stylish PVC flat tires.
· Plastic front cover protects the steel deck.

Continuous rating Input	*1,600W*
Cutting width	*410mm (16-1/8")*
Cutting height	*20, 32, 44, 60, 75mm (3/4, 1-1/4, 1-3/4, 2-3/8, 3")*
Recommended mowing area up to	*600m2*
Grass box capacity	*50L*
Dimensions (L x W x H)	*760x500x410mm (30"x19-3/4"x16-1/8")*
Net weight	*25.8kg (56.9lbs)*

Electric Lawn Mower — ELM4612 460mm (18-1/8")



Premium class lawn mower with more functions for easy and powerful work.

· Central height adjustment with 5 positions.
· Lightweight grass box with level indicator.
· Large knob is easy to grip. Stylish PVC flat tires.
· Robust steel deck.
· Plastic cover of front and deck edge protects the steel deck.

Continuous rating Input	*1,800W*
Cutting width	*460mm (18-1/8")*
Cutting height	*20-75mm (13/16"- 2-15/16")*
Recommended mowing area up to	*800m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*825x540x355mm (32-1/2"x21-1/4"x14")*
Net weight	*29.5kg (65.0lbs)*

Items of standard equipment and specifications may vary by country or area.

Petrol Lawn Mower — ELM4613 460mm (18-1/8") Self propelling (single speed)

new



Premium class lawn mower with more functions for easy and powerful work.

· Central height adjustment with 5 positions.
· Lightweight grass box with level indicator.
· Large knob is easy to grip. Stylish PVC flat tires.
· Robust steel deck.
· Plastic cover of front and deck edge protects the steel deck.

Continuous rating Input	*1,800W*
Cutting width	*460mm (18-1/8")*
Cutting height	*20-75mm (13/16"-2-15/16")*
Propelling speed	*3.6km/h*
Recommended mowing area up to	*1,000m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*825x540x415mm (32-1/2"x21-1/4"x16-3/8")*
Net weight	*32.5kg (71.6lbs)*

Petrol Lawn Mower — PLM4120N 410mm (16-1/8")

new



Perfect and Simple petrol lawn mower.

· Lightweight grass box.
· Central height adjustment with 5 positions.
· Large knob is easy to grip.
· Rubber tire for good gripping lawn.
· Plastic front cover protects the steel deck.

● Mulch plug

Engine	*B&S500E, 140mL*
Cutting width	*410mm (16-1/8")*
Cutting height	*25, 31, 43, 56, 70mm (1, 1-1/4, 1-11/16, 2-3/16, 2-3/4")*
Recommended mowing area up to	*1,000m2*
Grass box capacity	*50m²*
Dimensions (L x W x H)	*760x500x410mm (30"x19-3/4"x16-1/8")*
Net weight	*26.0kg (57.3lbs)*

Petrol Lawn Mower — PLM4626N 460mm(18")

new



Perfect and Simple petrol lawn mower.

· Central height adjustment with 7 positions.
· Large wheel (front/rear: 8"/11") for easy handling

Engine	*B&S500E,140mL*
Cutting width	*460mm (18")*
Cutting height	*25-75mm (1"-2-15/16")*
Recommended mowing area up to	*1000m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*860x565x455mm (33-9/10"x19-3/10"x17-9/10")*
Net weight	*28.0kg (61.7lbs)*

Petrol Lawn Mower — PLM4627N 460mm(18")

new



Perfect and Simple petrol lawn mower.

· Central height adjustment with 7 positions.
· Large wheel (front/rear: 8"/11") for easy handling
· Side discharge

Engine	*B&S500E,140mL*
Cutting width	*460mm (18")*
Cutting height	*25-75mm (1"-2-15/16")*
Recommended mowing area up to	*1000m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*860x565x455mm (33-9/10"x19-3/10"x17-9/10")*
Net weight	*28.4kg (62.6lbs)*

Petrol Lawn Mower — PLM4628N 460mm(18") Self-propelling (single speed)

new



Perfect and Simple petrol lawn mower.

· Central height adjustment with 7 positions.
· Large wheel (front/rear: 8"/11") for easy handling
· Side discharge

Engine	*B&S500E,140mL*
Cutting width	*460mm (18")*
Cutting height	*25-75mm (1"-2-15/16")*
Recommended mowing area up to	*1000m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*860x565x455mm (33-9/10"x19-3/10"x17-9/10")*
Net weight	*31.2kg (68.8lbs)*

Items of standard equipment and specifications may vary by country or area.

Outdoor Power Equipment

Petrol Lawn Mower — PLM4620N 460mm (18-1/8")

new



Excellent quality petrol lawn mower for long life and easy work .

- Lightweight grass box.
- Central height adjustment with 5 positions.
- Large knob is easy to grip. Rubber tire with ball bearing for good gripping lawn.
- Plastic front cover protects the steel deck.
- Side discharge function is added. Edge cutting function is added.

Mulch plug

Engine	*B&S625, 190mL*
Cutting width	*460mm (18-1/8")*
Cutting height	*25, 31, 43, 56, 70mm (1, 1-1/4, 1-11/16, 2-3/16, 2-3/4")*
Recommended mowing area up to	*1,200m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*810x560x440mm (31-8/9"x22"x17-1/3")*
Net weight	*31.1kg (68.6lbs)*

Petrol Lawn Mower — PLM4621N 460mm (18-1/8") Self propelling (single speed)

new



Excellent quality petrol lawn mower for long life and easy work .

- Lightweight grass box. Central height adjustment with 5 positions.
- Large knob is easy to grip. Rubber tire with ball bearing for good gripping lawn.
- Plastic front cover protects the steel deck.
- Side discharge function is added. Edge cutting function is added.
- Powerful engine with ready start function for easy start.

Mulch plug

Engine	*B&S650 R/S, 190mL*
Cutting width	*460mm (18-1/8")*
Cutting height	*25, 31, 43, 56, 70mm (1, 1-1/4, 1-11/16, 2-3/16, 2-3/4")*
Propelling speed	*3.6km/h*
Recommended mowing area up to	*1,400m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*810x560x440mm (31-8/9"x22"x17-1/3")*
Net weight	*33.8kg (74.5lbs)*

Petrol Lawn Mower — PLM4622N 460mm (18-1/8") Self propelling (3 speed)

new



Excellent quality petrol lawn mower for long life and easy work .

- Lightweight grass box. Central height adjustment with 5 positions.
- Large knob is easy to grip. Rubber tire with ball bearing for good gripping lawn.
- Plastic front cover protects the steel deck.
- Side discharge function is added. Edge cutting function is added.
- Powerful engine with ready start function for easy start.

Mulch plug

Engine	*B&S675EX S/R, 190mL*
Cutting width	*460mm (18-1/8")*
Cutting height	*25, 31, 43, 56, 70mm (1, 1-1/4, 1-11/16, 2-3/16, 2-3/4")*
Propelling speed	*3 - 4.5km/h*
Recommended mowing area up to	*1,800m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*810x560x440mm (31-8/9"x22"x17-1/3")*
Net weight	*35.4kg (78.0lbs)*

Petrol Lawn Mower — PLM5113N 510mm (20") Self propelling (single speed)

new



Excellent quality petrol lawn mower for long life and easy work .

- Lightweight grass box. Central height adjustment with 5 positions.
- Large knob is easy to grip. Rubber tire with ball bearing for good gripping lawn.
- Plastic front cover protects the steel deck.
- Side discharge function is added. Edge cutting function is added.
- Powerful engine with ready start function for easy start.

Mulch plug

Engine	*B&S675EX R/S, 190mL*
Cutting width	*510mm (20")*
Cutting height	*25, 31, 40, 53, 70mm (1, 1-1/4, 1-9/16, 2-1/16, 2-3/4")*
Propelling speed	*3-4.5km/h*
Recommended mowing area up to	*2,000m2*
Grass box capacity	*65L*
Dimensions (L x W x H)	*890x570x440mm (35"x22-4/9"x17-1/3")*
Net weight	*37.7kg (83.1lbs)*

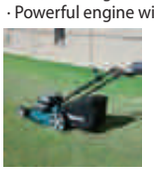
Petrol Lawn Mower — PLM5600N 560mm (22") Self propelling (3 speed)

new



Excellent quality petrol lawn mower for long life and easy work .

- Lightweight grass box. Central height adjustment with 5 positions.
- Large knob is easy to grip. Rubber tire with ball bearing for good gripping lawn.
- Plastic front cover protects the steel deck.
- Side discharge function is added. Edge cutting function is added.
- Powerful engine with ready start function for easy start.



Mulch plug

Engine	*B&S675EX R/S, 190mL*
Cutting width	*560mm (22")*
Cutting height	*25-70mm (1"-2-3/4")*
Propelling speed	*3-4.5km/h*
Recommended mowing area up to	*2,200m2*
Grass box capacity	*70L*
Dimensions (L x W x H)	*985x595x430mm (38-3/4"x23-1/2"x17")*
Net weight	*39.8kg (87.5lbs)*

Items of standard equipment and specifications may vary by country or area.

Petrol Lawn Mower

PLM5130N 510mm (20") Self propelling (3 speed)

new



Premium class lawnmower with more functions for easy and powerful work.

- Makita metaric blue deck. Rubber tire for good gripping lawn.
- Side-discharge is available with offset blade.
- Central height adjustment with 8 positions. Glass box with level indicator. Ball bearing wheel.
- Aluminum handle angle adjuster of aluminum. Powerful OHV engine with ready start function for easy start.
- Plastic cover of front and deck edge protects the steel deck.

Mulch plug

Engine	*B&S750E R/S, 161mL*
Cutting width	*510mm (20")*
Cutting height	*25-70mm (1"-2-3/4")*
Propelling speed	*3-4.5km/h*
Recommended mowing area up to	*2,000m2*
Grass box capacity	*65L*
Dimensions (L x W x H)	*965x550x450mm (38"x21-5/8"x17-3/4")*
Net weight	*38.0kg (83.7lbs)*

Petrol Lawn Mower

PLM4630N 460mm (18-1/8")

new



Premium class lawnmower with more functions for easy and powerful work.

- Makita metaric blue deck. Rubber tire for good gripping lawn.
- Side-discharge is available with offset blade.
- Central height adjustment with 8 positions. Glass box with level indicator. Ball bearing wheel.
- Aluminum handle angle adjuster of aluminum. Powerful engine with ready start function for easy start.
- Plastic cover of front and deck edge protects the steel deck.

Mulch plug

Engine	*B&S675EX R/S, 190mL*
Cutting width	*460mm (18-1/2")*
Cutting height	*25-70mm (1"-2-3/4")*
Recommended mowing area up to	*1,200m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*825x540x445mm (32-1/2"x21-1/4"x17-1/2")*
Net weight	*31.5kg (69.4lbs)*

Petrol Lawn Mower

PLM4631N 460mm (18-1/8") Self propelling (single speed)

new



Premium class lawnmower with more functions for easy and powerful work.

- Makita metaric blue deck. Rubber tire for good gripping lawn.
- Side-discharge is available with offset blade.
- Central height adjustment with 8 positions. Glass box with level indicator. Ball bearing wheel.
- Aluminum handle angle adjuster of aluminum. Powerful engine with ready start function for easy start.
- Plastic cover of front and deck edge protects the steel deck.

Mulch plug

Engine	*B&S675EX R/S, 190mL*
Cutting width	*460mm (18-1/2")*
Cutting height	*25-70mm (1"-2-3/4")*
Propelling speed	*3.6km/h*
Recommended mowing area up to	*1,400m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*825x540x450mm (32-1/2"x21-1/4"x17-3/4")*
Net weight	*34.0kg (74.9lbs)*

Petrol Lawn Mower

PLM4632N 460mm (18-1/8") Self propelling (3 speed)

new



Premium class lawnmower with more functions for easy and powerful work.

- Makita metaric blue deck. Rubber tire for good gripping lawn.
- Side-discharge is available with offset blade.
- Central height adjustment with 8 positions. Glass box with level indicator. Ball bearing wheel.
- Aluminum handle angle adjuster of aluminum. Powerful OHV engine with ready start function for easy start.
- Plastic cover of front and deck edge protects the steel deck.

Mulch plug

Engine	*B&S750E R/S, 161mL*
Cutting width	*460mm (18-1/2")*
Cutting height	*25-70mm (1"-2-3/4")*
Propelling speed	*3-4.5km/h*
Recommended mowing area up to	*1,800m2*
Grass box capacity	*60L*
Dimensions (L x W x H)	*825x540x450mm (32-1/2"x21-1/4"x17-3/4")*
Net weight	*35.0kg (77.1lbs)*

Petrol Mulching Mower

PLM4817 480mm (18-17/8")

new



Perfect and Simple mulching mower.

- Central height adjustment with 8 positions.
- Side-discharge is available with offset blade.
- Tool-less handle height adjustment.

Mulch plug

Engine	*B&S500E, 140mL*
Cutting width	*480mm (18-7/8")*
Cutting height	*25-70mm (1 - 2-3/4")*
Dimensions (L x W x H)	*800x550x380mm (31-1/2"x21-5/8"x15")*
Net weight	*25.0kg (55.0lbs)*

Items of standard equipment and specifications may vary by country or area.

Outdoor Power Equipment

Petrol Mulching Mower — PLM4818 480mm (18-17/8")

new



Perfect and Simple mulching mower.

· Central height adjustment with 8 positions.
· Side-discharge is available with offset blade.
· Tool-less handle height adjustment.
· Powerful engine with ready start function for easy start.

Mulch plug

Engine	*B&S575EX R/S, 140mL*
Cutting width	*480mm (18-7/8")*
Cutting height	*25-70mm (1 - 2-3/4")*
Dimensions (L x W x H)	*800x550x380mm (31-1/2"x21-5/8"x15")*
Net weight	*25.0kg (55.0lbs)*

Petrol Mulching Mower — PLM4819 480mm (18-17/8") Self propelling (single speed)

new



Perfect and Simple mulching mower.

· Central height adjustment with 8 positions.
· Side-discharge is available with offset blade.
· Tool-less handle height adjustment.
· Powerful engine with ready start function for easy start.

Mulch plug

Engine	*B&S625E R/S, 150mL*
Cutting width	*480mm (18-7/8")*
Cutting height	*25-70mm (1 - 2-3/4")*
Propelling speed	*3.4km/h*
Dimensions (L x W x H)	*800x550x380mm (31-1/2"x21-5/8"x15")*
Net weight	*31.0kg (68.0lbs)*

Petrol Mulching Mower — PLM5121 510mm (20") Self-propelling (single speed)



Powerful and perfect mulching mower.

· Central height adjustment with 5 positions.
· Large knob is easy to grip.
· Rubber tire with ball bearing for good gripping lawn.
· Large wheel (front/rear: 8"/11") for easy handling.
· Powerful engine with ready start function for easy start.



Mulch plug

Engine	*B&S675R/S, 190mL*
Cutting width	*510mm (20")*
Cutting height	*25-70mm (1-2-3/4")*
Recommended mowing area up to	*2200m2*
Dimensions (L x W x H)	*820x540x351mm (32-1/4"x21-1/4"x13-3/4")*
Net weight	*33.8kg (74.5lbs)*

Petrol Mulching Mower — PLM5120 510mm (20") Self-propelling (single speed)



Powerful and perfect mulching mower.

· Central height adjustment with 5 positions.
· Large knob is easy to grip.
· Rubber tire with ball bearing for good gripping lawn.
· Large wheel (front/rear: 8"/11") for easy handling.
· Powerful engine with ready start function for easy start.



Mulch plug

Engine	*B&S625E, 190mL*
Cutting width	*510mm (20")*
Cutting height	*25-70mm (1-2-3/4")*
Recommended mowing area up to	*2200m2*
Dimensions (L x W x H)	*820x540x351mm (32-1/4"x21-1/4"x13-3/4")*
Net weight	*33.8kg (74.5lbs)*

Items of standard equipment and specifications may vary by country or area.

Electric Scarifier

UV3200 320mm (12-3/5")



Scarifier.

· 5 Setting working height adjustment.
· Soft foam gripped handle for comfortable operation.
· Big wheels for stable and easy moving.
· Adjustment of working depth : Stepless. central
· Optional blades are available

Continuous rating Input	1,300W
Cutting width	320mm (12-3/5")
Working depth	-10mm, -5mm, 0mm, +5mm, +10mm (-3/8", -3/16", 0", +3/16", +3/8")
No load speed (rpm)	3,000
Grass box capacity	30L
Sound pressure level	88.5dB(A)
Sound power level	97.25dB(A)
Vibration level	4.513m/s^2
Net weight	12.0kg (26.5lbs)

Electric Scarifier

UV3600 360mm (14-1/5")



Scarifier.

· 4 Setting working height adjustment.
· All-Round Metal Trigger for comfortable and durable operation.
· Fixed rear flap angle to allow working without collection bag.
· Adjustment of working depth : Stepless. central
· Aluminum bearing holder for long life. Optional blades are available.

Continuous rating Input	1,800W
Cutting width	360mm (14-1/5")
Working depth	-10mm, -5mm, 0mm, +5mm (-3/8", -3/16", 0", +3/16")
No load speed (rpm)	3,500
Grass box capacity	40L
Sound pressure level	85.5dB(A)
Sound power level	99.53dB(A)
Vibration level	4.673m/s^2
Net weight	15.3kg (33.7lbs)

Mist Blower

PM7651H 75.6mL 4-stroke (Compliance with European standards)

new



Comfortable backpack harness, well balanced chemical tank design.

· Excellent spray range performance up to 16m (52ft) horizontally.
· Liquid chemical self-mixing function.



Oil bottle, Engine tool set

Displacement	75.6mL
Fuel tank	1.8L
Max. air volume	14.1m^3/ min (497cu.ft / min)
The velocity of the wind (without blower pipes)	85m/s
Sound pressure level	98.3dB(A)
Sound power level	110.7dB(A)
Vibration level	3.5m/s^2
Dimensions (L x W x H)	420x440x595mm (16-1/2"x17-1/4"x23-1/2")
Net weight	14.1kg (31.1lbs)

Net weight: without fuel with blower pipe, Overall length: Without blower pipes

Mist Blower

PM7650H 75.6mL 4-stroke



Comfortable backpack harness, well balanced chemical tank design.

· Excellent spray range performance up to 16m (52ft) horizontally.
· Liquid chemical self-mixing function.



Oil bottle, Engine tool set

Displacement	75.6mL
Fuel tank	1.8L
Max. air volume	14.1m^3/ min (497cu.ft / min)
The velocity of the wind (without blower pipes)	85m/s
Sound pressure level	98.3dB(A)
Sound power level	110.7dB(A)
Vibration level	3.5m/s^2
Dimensions (L x W x H)	420x440x595mm (16-1/2"x17-1/4"x23-1/2")
Net weight	13.3kg (29.3lbs)

Net weight: without fuel with blower pipe, Overall length: Without blower pipes

Outdoor Power Equipment

Petrol Blower — RBL500 48.6mL



For pro's landscape and maintenance work.

- Comfortable backpack frame for reduced operator fatigue.
- Easy-to-access recoil starter can be operated while operator is wearing backpack.
- Ignition system : Solid state ignition



CDI

● End pipe, Flexible pipe, Pipe x2

Displacement	48.6mL
Fuel tank	1.8L
Max. air volume	10m³ / min (353cu.ft / min)
The velocity of the wind (without blower pipes)	59.3m/s
Dimensions (L x W x H)	310x460x435mm (12-1/4"x18-1/8"x17-1/8")
Net weight	8.7kg (19.1lbs)

Net weight : without fuel with blower pipes, Overall length :Without blower pipes

Petrol Blower — BHX2500 / BHX2501 24.5mL 4-stroke



MM4

Take out the hard work out of clearing leaves and garden debris.

- Clean exhaust emission and low fuel consumption.
- Compact and light weight.
- Mechanical decompression system for easy recoil pulling.
- Slim body for comfortable handling.



CDI D

● Pipe

Displacement	24.5mL
Fuel tank	0.52L
Max. air volume	8.91m³ / min (316cu.ft / min)
The velocity of the wind (without blower pipes)	64.6m/s
Sound pressure level	BHX2500 : 88.7dB(A)
	BHX2501 : 90.8dB(A)
Sound power level	BHX2500 : 102dB(A)
	BHX2501 : 104.4dB(A)
Vibration level	BHX2500 : 5.2m/s²
	BHX2501 : 9.3m/s²
Overall length	BHX2500 : 350mm (13.3")
	BHX2501 : 368mm (14")
Net weight	4.4kg (9.8lbs)

Net weight : without fuel with blower pipes, Overall length :Without blower pipes

Petrol Blower — EB7650TH 75.6mL 4-stroke Tube-mounted throttle



MM4

Powerful. Low vibration and comfortable backpack harness for professional use.

- 4 damper springs mounted between the engine and the backpack frame that reduce vibration on the back of operator even during long hours of operation.
- High air speed and air volume with easy control trigger.
- Cushioning back padding and shoulder straps well-ventilated for effective sweat evaporation.



CDI D

● Oil bottle set, Box wrench, Driver, Flexible pipe, Swivel pipe, Hose clamp, End nozzle x2, Flat nozzle, Long pipe

Displacement	75.6mL
Fuel tank	1.9L
Max. air volume	19m³ / h
The velocity of the wind (with blower pipes)	89m/s
Sound pressure level	100dB(A)
Sound power level	110dB(A)
Vibration level Right handle	2.3m/s²
Dimensions (L x W x H)	332x460x480mm (13-1/8"x18-1/8"x18-7/8")
Net weight	10.8kg (23.8lbs)

Net weight: without fuel with blower pipe, Overall length: Without blower pipes

Petrol Blower — EB7650WH 75.6mL 4-stroke Hip-mounted throttle

new



MM4

Powerful. Low vibration and comfortable backpack harness for professional use.

- 4 damper springs mounted between the engine and the backpack frame that reduce vibration on the back of operator even during long hours of operation.
- High air speed and air volume with easy control trigger.
- Cushioning back padding and shoulder straps well-ventilated for effective sweat evaporation.



CDI D

● Oil bottle set, Box wrench, Driver, Flexible pipe, Swivel pipe, Hose clamp, End nozzle x2, Flat nozzle, Long pipe

Displacement	75.6mL
Fuel tank	1.9L
Max. air volume	19m³ / h
The velocity of the wind (with blower pipes)	89m/s
Sound pressure level	100dB(A)
Sound power level	110dB(A)
Vibration level Right handle	2.3m/s²
Vibration level Left handle	0.7m/s²
Dimensions (L x W x H)	332x510x480mm (13-1/8"x20"x18-7/8")
Net weight	11.0kg (24.3lbs)

Net weight: without fuel with blower pipe, Overall length: Without blower pipes

Power Cutter

MM4

MAKITA MINI 4-STROKE ENGINE



Environment-Friendly and Cost-Saving 4-Stroke Engine. No more Mix. fuel at construction site.

/// Low-vibration system with damper springs to absorb vibration from engine to integrated front and rear handles.
/// Easy start-up with Automatic decompression, Primer pump and on/off choke combination switch with automatic half-throttle lock.
/// Casters for moving convenience.

75.6mL

305mm (12")
EK7650H

355mm (14")
EK7651H



Photo: EK7651H



with Trolley kit DT4000

Power Cutters **EK7650H 305mm (12") / EK7651H 355mm (14") 4-stroke**

	EK7650H	EK7651H
Wheel diameter	305mm (12")	355mm (14")
Engine	75.6mL	75.6mL
Max. cutting depth	97mm (3-13/16")	122mm (4-13/16")
No load speed (rpm)	4,300	4,300
Circumferential speed	80m/s	80m/s
Engine power	3.0kW / 4.1PS	3.0kW / 4.1PS
Sound pressure level	92.7dB(A)	92.7dB(A)
Sound power level	104.6dB(A)	104.6dB(A)
Vibration level Front handle / Rear handle	2.7m/s^2 / 1.8m/s^2	2.7m/s^2 / 1.8m/s^2
Fuel tank	1.0L	1.0L
Dimensions (L x W x H)	761x310x435mm (30"x12-1/4"x17-1/18")	780x310x455mm (30-3/4"x12-1/4"x17-7/8")
Net weight	12.7kg (28.0lbs)	12.4kg (27.2lbs)

Items of standard equipment and specifications may vary by country or area.

Items of standard equipment and specifications may vary by country or area.

Outdoor Power Equipment (Construction)

Power Cutter — EK6100 305mm (12")



Lightweight and compact design makes all position work easier.

- Stratified scavenging system to save fuel and environment friendly.
- Long-life air filter system with cyclone air routing.
- Largest max. cutting depth and lowest vibration level in this class.
- Touch and stop switch.



Cut-off wheel, Wrenches, Screwdriver

Wheel diameter	305mm (12")
Engine	61mL
Max. cutting depth	110mm (4-5/16")
No load speed (rpm)	5100
Circumferential speed	80m/s
Engine power	3.2kW / 4.4PS
Fuel tank	0.7L
Sound pressure level	97dB(A)
Sound power level	113dB(A)
Vibration level Front handle	2.8m/s²
Vibration level Rear handle	3.8m/s²
Overall length	675mm (26-1/2")
Net weight	8.5kg (18.7lbs)

Net weight : without blade and fuel. Trolley and foot with wheels are available as option.

Power Cutter — EK6101 355mm (14")



Lightweight and compact design makes all position work easier.

- Stratified scavenging system to save fuel and environment friendly.
- Long-life air filter system with cyclone air routing.
- Largest max. cutting depth and lowest vibration level in this class.
- Touch and stop switch.



Cut-off wheel, Wrenches, Screwdriver

Wheel diameter	355mm (14")
Engine	61mL
Max. cutting depth	130mm (5-1/8")
No load speed (rpm)	4400
Circumferential speed	80m/s
Engine power	3.2kW / 4.4PS
Fuel tank	0.7L
Sound pressure level	100dB(A)
Sound power level	109dB(A)
Vibration level Front handle	2.7m/s²
Vibration level Rear handle	3.5m/s²
Overall length	730mm (28-3/4")
Net weight	8.8kg (19.4lbs)

Net weight : without blade and fuel. Trolley and foot with wheels are available as option.

Power Cutter — EK7300 305mm (12")



Powerful and compact design power cutter.

- Easy and time-saving cutting even though hardest materials.
- Multi-functional switch lever : Choke, half throttle, and stopping can be controlled by a single switch lever.
- More efficient engine cooling : Obtained by using starter cover with bigger air intake area and new flywheel.
- Carburetor : Diaphragm type, Starter system : Recoil
- SLR muffler in compliance with all known exhaust emission regulations without using catalytic converter.

Wheel diameter	305mm (12")
Engine	73mL
Max. cutting depth	97mm (3-13/16")
Circumferential speed	80m/s
Engine power	4.2kW / 5.7PS
Fuel tank	1.1L
Sound pressure level	dB(A)
Sound power level	dB(A)
Vibration level Front handle	m/s²
Vibration level Rear handle	m/s²
Overall length	770mm (30-1/4")
Net weight	10.1kg (22.2lbs)

Net weight : without blade and fuel. Trolley and foot with wheels are available as option.

Power Cutter — EK7301 355mm (14")



Powerful and compact design power cutter.

- Easy and time-saving cutting even though hardest materials.
- Multi-functional switch lever : Choke, half throttle, and stopping can be controlled by a single switch lever.
- More efficient engine cooling : Obtained by using starter cover with bigger air intake area and new flywheel.
- Carburetor : Diaphragm type, Starter system : Recoil
- SLR muffler in compliance with all known exhaust emission regulations without using catalytic converter.

Wheel diameter	355mm (14")
Engine	73mL
Max. cutting depth	122mm (4-13/16")
Circumferential speed	80m/s
Engine power	4.2kW / 5.7PS
Fuel tank	1.1L
Sound pressure level	dB(A)
Sound power level	dB(A)
Vibration level Front handle	m/s²
Vibration level Rear handle	m/s²
Overall length	770mm (30-1/4")
Net weight	10.1kg (22.2lbs)

Net weight : without blade and fuel. Trolley and foot with wheels are available as option.

Power Cutter — EK8100 405mm (16")



Powerful and Lightweight power cutter in this class.

- Easy and time-saving cutting even though hardest materials.
- Multi-functional switch lever : Choke, half throttle, and stopping can be controlled by a single switch lever.
- More efficient engine cooling : Obtained by using starter cover with bigger air intake area and new flywheel.
- Carburetor : Diaphragm type, Starter system : Recoil
- SLR muffler in compliance with all known exhaust emission regulations without using catalytic converter.



Wheel diameter	405mm (16")
Max. cutting depth	147mm (5-3/4")
Circumferential speed	80m/s
Engine power	4.5kW / 6.2PS
Fuel tank	1.1L
Overall length	830mm (32-3/4")
Net weight	10.6kg (23.3lbs)

Net weight : without blade and fuel. Trolley and foot with wheels are available as option.

Items of standard equipment and specifications may vary by country or area.

Power Cutter — DPC7330 300mm (12")



Icon of ergonomic power cutter features enlarged air filter.

· New air filter system prevents very efficient dust and dirt coming into the engine.
· Cooling of engine improved by bigger air intake area.
· Infinite adjustable cutting guide with grip.
· Carburetor : Diaphragm type, Ignition : Electronic, Starter system : Recoil



Wheel diameter	300mm (12")
Engine	73mL
Max. cutting depth	97mm (3-13/16")
No load speed (rpm)	4,300
Circumferential speed	80m/s
Engine power	4.2kW / 5.7PS
Fuel tank	1.1L
Sound pressure level	99.5dB(A)
Sound power level	108.9dB(A)
Vibration level Front handle	5.7m/s²
Vibration level Rear handle	5.1m/s²
Overall length	770mm (30-1/4")
Net weight	9.6kg (21.2lbs)

Net weight : without blade and fuel. Trolley and foot with wheels are available as option.

Power Cutter — DPC7331 350mm (14")



Icon of ergonomic power cutter features enlarged air filter.

· New air filter system prevents very efficient dust and dirt coming into the engine.
· Cooling of engine improved by bigger air intake area.
· Infinite adjustable cutting guide with grip.
· Carburetor : Diaphragm type, Ignition : Electronic, Starter system : Recoil



Wheel diameter	350mm (14")
Engine	73mL
Max. cutting depth	122mm (4-13/16")
No load speed (rpm)	4,300
Circumferential speed	80m/s
Engine power	4.2kW / 5.7PS
Fuel tank	1.1L
Sound pressure level	99.5dB(A)
Sound power level	108.9dB(A)
Vibration level Front handle	5.7m/s²
Vibration level Rear handle	5.1m/s²
Overall length	800mm (31-1/2")
Net weight	9.7kg (21.4lbs)

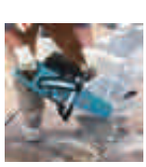
Net weight : without blade and fuel. Trolley and foot with wheels are available as option.

Power Cutter — DPC8132 400mm (16")



81mL engine with a disc diameter of 400mm (16").

· The most lightweight power cutter with the best power-weight.
· Optimized positioned centre of gravity for perfect balance.
· Effective air filtering thanks to lubricated foam prefilters.
· Reduced vibration load thanks to effective damping system.



Wheel diameter	400mm (16")
Engine	81mL
Max. cutting depth	147mm (5-3/4")
Circumferential speed	80m/s
Engine power	4.5kW / 6.2PS
Fuel tank	1.0L
Sound pressure level	100.3dB(A)
Sound power level	109.6dB(A)
Vibration level Front handle	7.8m/s²
Vibration level Rear handle	6.1m/s²
Overall length	830mm (32-3/4")
Net weight	10.3kg (22.7lbs)

Net weight : without blade and fuel. Trolley and foot with wheels are available as option.





Sprayer 24.5mL 4-stroke

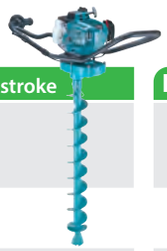
MM4



	EVH2000	EF1550RH
Displacement	24.5mL	24.5mL
Fuel tank	0.5L	0.5L
Max. pressure	2.5Mpa (25kgf/cm²)	1.18Mpa (12kgf/cm²)
Chemical tank	20L	15L
Dimensions	380x420x635mm	354x395x570mm
(L x W x H)	(15"x16-1/2"x25")	(13-5/8"x15-1/2"x22-1/2")
Net weight	9.1kg (20.1lbs)	7.9kg (17.4lbs)

Earth Auger 33.5mL 4-stroke

MM4



	PE3450H
Displacement	33.5mL
Engine power	1.07kW / 1.60PS
Fuel tank	0.75L
Dimensions	374x695x370mm
(L x W x H)	(14-3/4"x27-3/8"x14-1/2")
Net weight	11.7kg (25.8lbs)

Electric Shredder

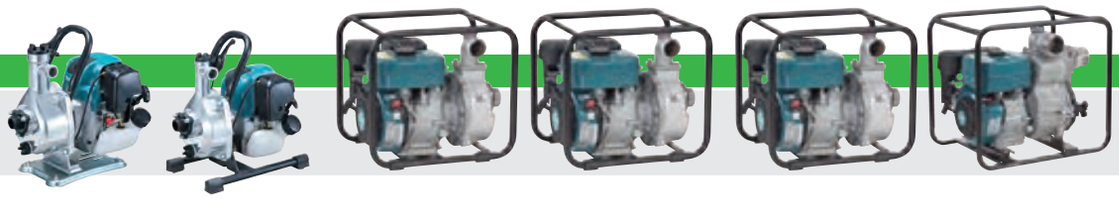


	UD2500
Continuous rating Input	2,500W
Max. branch	45mm (1-4/5")
Cutting (rpm)	40
Tank	67L
Sound pressure level	97dB(A)
Sound power level	84.4dB(A)
Net weight	27.6kg(60.8lbs)

Pump

MM4

EW1060H : 33.5mL 4-stroke
EW1050H : 24.5mL 4-stroke



	EW1060H	EW1050H	EW220R	EW320R	EW220ST	EW320TR
Displacement	33.5mL	24.5mL	126mL	126mL	126mL	265mL
Suction & Discharge diameter	25.4mm (1")	25.4mm (1")	50mm (2")	80mm (3")	50mm (2")	80mm (3")
Max. pumping capacity	130 L / min (34 gal/min)	120 L / min (32 gal/min)	520 L / min (137 gal/min)	1,000 L / min (264gal/min)	700 L / min (185 gal/min)	1,300 L / min (343 gal/min)
Total head	48m (157ft)	41m (135ft)	32m (105ft)	28m (92ft)	23m (75ft)	28m (92ft)
Fuel tank	0.65L	0.5L	2.7L	3.6L	2.7L	6.1L
Engine model	EH026 (33.5mL)	EH025 (24.5mL)	EX13 (126mL)	EX13 (126mL)	EX13 (126mL)	EX27 (265mL)
Dimensions	356x234x336mm	327x225x319mm	468x357x399mm	505x387x467mm	468x357x399mm	690x485x537mm
(L x W x H)	(14"x9-1/4"x13-1/4")	(12-7/8"x8-7/8"x12-1/2")	(18-1/2"x14"x15-3/4")	(19-7/8"x15-1/4"x18-3/8")	(18-1/2"x14"x15-3/4")	(27-1/4"x19-1/8"x21-1/8")
Net weight	7.4kg (16.2lbs)	5.7kg (12.5lbs)	24kg (52.9lbs)	30kg (66.1lbs)	25kg (55.1lbs)	58kg (127.9lbs)

Submersible Pump

Versatile line up to cover a wide range of user needs.

For clean water



	PF0300	PF0800	PF0403	PF1100
Continuous rating Input	300W	800W	400W,	1,100W
Suction & Discharge diameter	8mm (5/16")	10mm (3/8")	4mm (5/32")	4mm (5/32")
Max. pumping capacity	140 L / min (37 gal/min)	220 L / min (58 gal/min)	120 L / min (32 gal/min)	250 L / min (66 gal/min)
Delivery head max	7m (23ft)	9m (30ft)	6.5m (21ft)	9m (30ft)
Submersion depth	5m (16ft)	5m (16ft)	5m (16ft)	5m (16ft)
Min. suction level	20mm (4/5")	20mm (4/5")	25mm (1")	25mm (1")
Grain size inlet	5mm (1/5")	5mm (1/5")	5mm (1/5")	5mm (1/5")
Dimensions	160x168x305mm	160x168x340mm	150x150x260mm	150x150x305mm
(L x W x H)	(6-5/16"x6-5/8"x12")	(6-5/16"x6-5/8"x13-3/8")	(5-7/8"x5-7/8"x10-1/4")	(6-5/16"x7-1/8"x12")
Net weight	4.2kg (9.3lbs)	6.1kg (13.5lbs)	4.4kg (9.7lbs)	6.7kg (14.8lbs)
Power supply cord	10m (33ft)	10m (33ft)	10m (33ft)	10m (33ft)

For dirty water



	PF0410	PF1010	PF0610	PF1110
Continuous rating Input	400W	25mm (1")	550W	1,100W
Suction & Discharge diameter	25mm (1")	30mm (1-3/16")	40mm (1-9/16")	40mm (1-9/16")
Max. pumping capacity	140 L / min (37 gal/min)	240 L / min (63 gal/min)	80 L / min (48 gal/min) 7m (23ft)	250 L / min (66 gal/min)
Delivery head max	5m (16ft)	10m (33ft)	10m (33ft)	10m (33ft)
Submersion depth	5m (16ft)	5m (16ft)	5m (16ft)	5m (16ft)
Min. suction level	40mm (1-4/7")	40mm (1-4/7")	50mm (2")	50mm (2")
Grain size inlet	35mm (1-3/8")	35mm (1-3/8")	35mm (1-3/8")	35mm (1-3/8")
Dimensions	160x168x345mm	160x168x380mm	160x185x335mm	160x185x355mm
(L x W x H)	(6-5/16"x6-5/8"x13-5/8")	(6-5/16"x6-5/8"x15")	(6-5/16"x7-1/4"x13-1/4")	(6-5/16"x7-1/4"x14")
Net weight	4.3kg (9.5lbs)	6.6kg (14.6lbs)	5.5kg (12.3lbs)	7.0kg (15.4lbs)
Power supply cord	10m (33ft)	10m (33ft)	10m (33ft)	10m (33ft)

High Pressure Washer



	HW101	HW102	HW112	HW111	HW121	HW140	HW151
Continuous rating Input	1,300W	1,300W	1,600W	1,700W	2,100W	2,300W	2,500W
Max. pressure	100bar (1,450 PSI)	100bar (1,450 PSI)	120bar (1,740 PSI)	110bar (1,595 PSI)	130bar (1,885 PSI)	140bar (2,030 PSI)	150bar (2,175 PSI)
Max. flow	360 L/hr	360 L/hr	370 L/hr	370 L/hr	390 L/hr	500 L/hr	500 L/hr
Motor type	Universal	Universal	Induction	Universal	Induction	Induction	Induction
Sound pressure level	75.6dB(A)	85.74dB(A)	78.4dB(A)	79.15dB(A)	77.33dB(A)	82.68dB(A)	80.1dB(A)
Sound power level	84dB(A)	94dB(A)	86dB(A)	87dB(A)	85dB(A)	91dB(A)	88dB(A)
Max. input temperature	50°C	50°C	50°C	50°C	50°C	50°C	50°C
High pressure hose length	5m(16.4ft)	5m(16.4ft)	5.5m(18ft)	5m(16.4ft)	8m(26.2ft)	10m(32.8ft)	10m(32.8ft)
Net weight	6.5kg (14.3lbs)	5.8kg (5.0lbs)	16.2kg (14.0lbs)	7.4kg (6.4lbs)	17.8kg (15.4lbs)	26.2kg (57.8lbs)	26.9kg (23.3lbs)

Hot Power Washer



	HW120
Continuous rating Input	2,200W
Max. pressure	120bar (1,740 PSI)
Max. flow	510 L/hr
Motor type	Induction
Fuel tank	8L
Diesel burner	30-90°C
Pump	Triplex
High pressure hose length	8m(26.2ft)
Net weight	78.7kg (173.5lbs)

Items of standard equipment and specifications may vary by country or area.

Generator



G1100 / G1700I

1.1kVA 1.65kVA

Top class lightweight in the world.

	G1100	G1700I
Fuel tank	4.0L	4.0L
Engine model	EH09 (85.8mL)	EH09 (85.8mL)
AC output	50/60Hz : 0.7 / 0.9kVA	50/60Hz : 1.4 / 1.4kVA
Max. AC output VA	50/60Hz : 0.85 / 1.1kVA	50/60Hz : 1.65 / 1.65kVA
Continuous use (hours)	50/60Hz : 4.3 / 4.2	50/60Hz : 4.0 / 4.0
Dimensions (L x W x H)	490x295x445mm (19-1/4"x11-5/8"x17-1/2")	490x295x445mm (19-1/4"x11-5/8"x17-1/2")
Net weight	28.0kg (61.7lbs) Dry: 25kg (55lbs)	23.5kg (51.8lbs) Dry: 20.5kg (45lbs)
Accessory Tool Set		



G2800IS / G3200IS / G4300IS

2.8kVA 3.2kVA 4.3kVA

Extremely high quality output.

*Starting system : Recoil, Electric

	G2800IS	*G3200IS	G4300IS
Fuel tank	14L	14L	16L
Engine model	EX17 (169mL)	EX21 (212mL)	EX27 (265mL)
AC output	50/60Hz : 2.5 / 2.5kVA	50/60Hz : 2.8 / 2.8kVA	50/60Hz : 3.8 / 3.8kVA
Max. AC output VA	50/60Hz : 2.8 / 2.8kVA	50/60Hz : 3.2 / 3.2kVA	50/60Hz : 4.3 / 4.3kVA
Continuous use (hours)	50/60Hz : 9.9 / 9.9	50/60Hz : 8.4 / 8.4	50/60Hz : 6.6 / 6.6
Dimensions (L x W x H)	537x482x585mm (21-1/8"x19"x23")	537x482x585mm (21-1/8"x19"x23")	580x527x618mm (22-3/4"x20-3/4"x-24-1/4")
Net weight	64.5kg (142.2lbs) Dry: 54kg (119lbs)	69.5kg (153.2lbs) Dry: 59kg (130lbs)	84.3kg (186lbs) Dry: 74kg (163lbs)
Accessory Tool Kit			



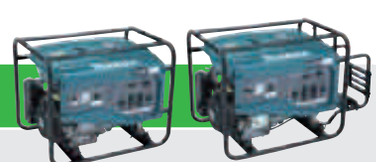
EG241A / EG301A / EG321A / EG441A / EG511A / EG601A / EG671A / EG711A

2.5kVA 3.0kVA 3.3kVA 4.4kVA 5.1kVA 5.0kVA 6.7kVA 7.1kVA

High performance generators by OHC engine and AVR alternator.

	EG241A	EG301A	EG321A	EG441A
Fuel tank	12.8L	12.8L	12.8L	12.8L
Engine model	EX17D (169mL)	EX17D (169mL)	EX21D (211mL)	EX30D (287mL)
AC output	50Hz : 2.0kVA	60Hz : 2.4kVA	50Hz : 2.4kVA	50Hz : 3.6kVA
Max. AC output VA	50Hz : 2.5kVA	60Hz : 3.0kVA	50Hz : 3.3kVA	50Hz : 4.4kVA
Dimensions (L x W x H)	600x420x500mm (23-5/8"x16-1/2"x19-3/4")	600x420x500mm (23-5/8"x16-1/2"x19-3/4")	620x450x500mm (24-3/8"x17-3/4"x19-3/4")	675x510x540mm (26-1/2"x20"x21-1/4")
Net weight	56.9kg (125.4lbs) Dry: 47kg (104lbs)	57kg (126lbs) Dry: 47kg (104lbs)	60.9kg (134.3lbs) Dry: 51kg (112lbs)	77.2kg (170.2lbs) Dry: 67kg (148lbs)
Accessory Tool Set, DC Cable				

	EG511A	EG601A	EG671A	EG711A
Fuel tank	17.8L	22L	22L	22L
Engine model	EX30D (287mL)	EX35D (404mL)	EX40D (404mL)	EX35D (404mL)
AC output	60Hz : 4.2kVA	50Hz : 4.6kVA	50Hz : 5.5kVA	60Hz : 5.0kVA
Max. AC output VA	60Hz : 5.1kVA	50Hz : 5.0kVA	50Hz : 6.7kVA	60Hz : 7.1kVA
Dimensions (L x W x H)	675x510x570mm (26-1/2"x20"x22-1/2")	725x530x580mm (28-1/2"x20-7/8"x22-3/4")	725x530x580mm (28-1/2"x20-7/8"x22-3/4")	725x530x580mm (28-1/2"x20-7/8"x22-3/4")
Net weight	83kg (183lbs) Dry: 69kg (152lbs)	104.2kg (229.7lbs) Dry: 86kg (190lbs)	106kg (234lbs) Dry: 88kg (194lbs)	104kg (229lbs) Dry: 86kg (190lbs)
Accessory Tool Set, DC Cable				



EG242A / EG302A / EG322A / EG382A / EG512A / EG712A / EG712AE / EG782A / EG782AE

2.4kVA 3.0kVA 3.2kVA 3.8kVA 5.1kVA 7.1kVA 7.1kVA 7.8kVA 7.8kVA

High performance generators by OHC engine and AVR alternator.

*Starting system : Recoil, Electric

	EG242A	EG302A	EG322A	EG382A	EG512A
Fuel tank	12L	12L	12L	12L	16L
Engine model	EX17 (169mL)	EX17 (169mL)	EX21 (211mL)	EX21 (211mL)	EX30 (287mL)
AC output	50Hz : 2.0kVA	60Hz : 2.4kVA	50Hz : 2.4kVA	60Hz : 2.9kVA	60Hz : 4.2kVA
Max. AC output VA	50Hz : 2.4kVA	60Hz : 3.0kVA	50Hz : 3.2kVA	60Hz : 3.8kVA	60Hz : 5.1kVA
Dimensions (L x W x H)	620x414x506mm (24-3/8"x16-1/4"x20")	620x414x506mm (24-3/8"x16-1/4"x20")	620x414x506mm (24-3/8"x16-1/4"x20")	620x414x506mm (24-3/8"x16-1/4"x20")	725x534x580mm (28-1/2"x20-7/8"x22-3/4")
Net weight	55kg (121lbs) Dry: 45kg (99lbs)	55kg (121lbs) Dry: 45kg (99lbs)	58kg (128lbs) Dry: 48kg (105.6lbs)	58kg (128lbs) Dry: 48kg (105lbs)	79kg (174lbs) Dry: 66kg (145.2lbs)
Accessory Tool Set, DC Cable					

	EG712A	*EG712AE	EG782A	*EG782AE
Fuel tank	16L	16L	16L	16L
Engine model	EX35 (404mL)	EX35 (404mL)	EX40 (404mL)	EX40 (404mL)
AC output	60Hz : 5.0kVA	60Hz : 5.0kVA	60Hz : 6.0kVA	60Hz : 6.0kVA
Max. AC output VA	60Hz : 7.1kVA	60Hz : 7.1kVA	60Hz : 7.8kVA	60Hz : 7.8kVA
Dimensions (L x W x H)	725x534x580mm (28-1/2"x20-7/8"x22-3/4")	975x534x580mm (38-3/8"x20-7/8"x22-3/4")	725x534x580mm (28-1/2"x20-7/8"x22-3/4")	975x534x580mm (38-3/8"x20-7/8"x22-3/4")
Net weight	89kg (196lbs) Dry: 76kg (167.2lbs)	99kg (218lbs) Dry: 86kg (189.2lbs)	92kg (203lbs) Dry: 79kg (173.8lbs)	102kg (225lbs) Dry: 86kg (195.8lbs)
Accessory Tool Set, DC Cable				

Items of standard equipment and specifications may vary by country or area.

Accessories

A Chain Saw

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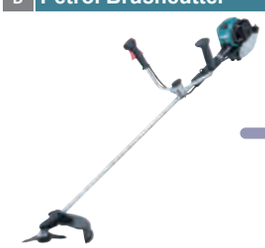


Guide Bar / Chain Blade / Guide Bar Cover



B Petrol Brushcutter

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Brushcutter blade



String trimmer head

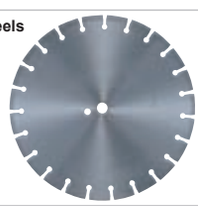


C Petrol Brushcutter

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Diamond Wheels



Chip receiver assembly set

Keeps branch or leaf debris from scattering around.

- One-touch installation/removal
- Attachable to either side of the blade





Model No.	Part No.
UH200D, DUM168, DUM166, UM167D, UM165D	195279-7
BUH550, UH550D, BUH650, UH650D, UH5580, UH6580, UH7580, UH4570, UH5570, UH6850	194681-1
DUH481, DUH483, UH482D, UH480D, DUH523, DUH521, UH522D, UH520D, UH4261, UH4861, UH5261	195050-9
HTR7610	301140000
HTR6210	1A015000TE
EH7500S, EN7350S	195321-4

Protection of extension cord



Type	Description	Part No.
A	Arm band complete set	194679-8
B	Cord holder complete set	194677-2
C	Hook complete	158024-1

Shear blade & Blade cover

Shear blade







Blade cover







Blade assembly		Blade cover
Model No.	Part No.	Part No.
Grass Shear		
UM103D, UM104D	192148-3	410540-4
DUM166, DUM168, UM164D, UM165D, UM167D	195267-4	452055-5
Hedge Trimmer		
UH200D, DUM168, DUM166, UM167D, UM164D, UM165D	195272-1	451816-0
BUH550, UH550D	194671-4	450489-6
BUH650, UH650D	194673-0	450490-1
DUH481, DUH483, UH482D, UH4861	195768-2	452684-4
DUH523, DUH521, UH522D, UH5261	195769-0	452685-2
UH4261	140826-9	452683-6
UH4861	140830-8	452684-4
UH5261	140827-7	452685-2
UH5580	194671-4	450489-6
UH6580	194673-0	450490-1
UH7580	194675-6	450490-1
UH4570	194660-9	450489-6
UH5570	194663-3	450489-6
UH6570	194666-7	450490-1
EH5000W, EN4950H, EN401MP	196795-2	452328-6
EH6000W, EN5950S	196797-8	452327-8
EH7500W	196799-4	452326-0
EH7500S, EN7350S	196801-3	451868-1
HTR4500	A287-109002	28002089
PTR2500	224143009	28200039

Upper blade, Lower blade & Blade cover

Model No.	Upper blade	Lower blade	Blade cover
	Part No.	Part No.	Part No.
HTR5600	077-106	077-107	28002039
HTR4901	3035220000	3035220000	3035601000
HTR6210	A286-107009	A286-109009	286112009
HTR7610	030-106	030-107	28109009

Accessories

End cover set



Model No.	Part No.
BUN490, EH5000W, EN4950H, EN401MP	196264-3
EH6000W, EN5950S	196262-7
EH7500W, EN7350S	196261-9

Base frame





Model No.	Part No.
DUM166, DUM168, UM165D, UM167D	326146-7
UM164D, UH200D	325896-1

Long attachment handle (Extension handle kit)





Model No.	Part No.
DUM166, DUM168, UM164D, UM165D, UM167D	195187-2

Rotary lawn mower blade



Model No.	Size(mm)	Part No.
BLM430, LM430D	430	196060-9
BLM381, DLM380	380	196863-1

Safety goggles

Photo:

195246-2



Part No.
192219-6
195246-2

Pruning extension set





Model No.	Part No.
UC120D	192755-2
DUC121	194524-7
DUC122	194523-9

File

For Model:

Chain saw



Saw chain type	Size	Part No.
25AP, 91VG, 91PX, 91VLX	4mm	*744003-1
	4mm	953 003 090
90SG	4.5mm	953 003 100
21BP, 21LP	4.8mm	953003070
73DP, 73LP	5.5mm	953003040

File holder

For Model:

Chain saw

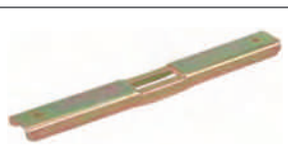


Saw chain type	Size	Part No.
25AP, 91VG, 91PX, 91VLX	4mm	953 030 010
90SG	4.5mm	953 030 020
21BP, 21LP	4.8mm	953003070
73DP, 73LP	5.5mm	953003040

Depth gauge jointer

For Model:

Chain saw



Saw chain type	Part No.
For all saw chain	953 100 090

Flat file

For Model:

Chain saw



Saw chain type	Part No.
For all saw chain	953 003 0060

Accessories

File handle

For le without handle.



Part No.
953 003 0060

Chain saw tool set



Part No.
988 050 211

Hose set (Delivery hoses (8m, 27ft) and two way adjustable nozzle set)

For Model:

EPH1000, EPH1000X*, EW1050, EW1060

*Standard equipment





Part No.
B-10671

Filter set

Model No.	Description	Part No.
EK7650H, EK7651H	Filter set (Pre filter set 5pcs., Air filter, Dust bag)	195599-9
	Pre filter set	195945-6
	Air firlter	442165-6
	Dust bag	166106-5

Trolley kit





Model No.	Part No.
DPC6430, DPC6431, DPC7330, DPC7340, DPC7331, DPC7341, DPC8132	DT2010
EK7650H, EK7651H	DT4000

Vacuum attachment





Model No.	Destination	Part No.	Part No.
BHX2500, BHX2501	-	195282-8	195284-4
	Only for Europe	195283-6	195286-0
RBL250	-	195288-6	195290-9
	Only for Europe	195289-4	195291-7

Pipe, End pipe, Flat nozzle, & Hip belt

Pipe



End nozzle



Flat nozzle



Hip belt



Model No.			Part No.
EB7650TH, EB7650WH	Long pipe 90 set	-	454895-7
	Short pipe 90 set	-	196912-4
	End nozzle 90-60	Blowing velocity-oriented	454896-5
	End nozzle 90-70	Blowing volume-oriented	455128-3
	Flat nozzle	-	196911-6
	Hip belt	-	196956-4
BHX2500, BHX2501	Pipe	-	451752-0
	End Pipe (Flat nozzle)	-	451753-8
BHX7600	-	-	6679504400
RBL250	Pipe	-	6609511400
	End Pipe (Flat nozzle)	-	6609511500

Accessories

Shoulder strap assembly

*photo:

122906-3



Model No.	Part No.
EBH250U, EBH251U, DBC260U, RBC3100	123143-2
RBC411/U,RBC421	125802-4
RBC2110, PTR2500, RBC2500, RBC2510, RBC3110	126012-6
EM2650L, EM2652L, EBH250L, EBH251L, EBH252L, EBH253L, EX2650LH, EBH341L	125516-5
EBH252U, EBH253U, EBH341U, EM2650UH, EM2651UH, EM4350UH, RBC412U	*122906-3
EM4351UH	126126-1
EM4350LH	126187-1

Attachments

Shape	Model No.	Part No.
Hedge trimmer		
	RBC2510, DBC260L, EM2650LH, EM2651LH, BBC300L	A-89523
Cultivator		
	RBC2510, DBC260L, EBH250L, EBH251L, EBH252L, EBH253L, EM2650LH, EM2651LH, BBC300L	B-04818
Coffee harvester		
	DBC260L,EM2650LH, EM2651LH	B-80210
	EBH340R, EBH341R	B-80226
Pipe for coffee harvester		
	EJ2650LH,EM2650LH, EM2651LH	195249-6
	EBH340R, EBH341R	195252-7

Nylon cord



Size	Part No.
1.65mmx15m	DA00000003
2.4mmx5m	B-01971
3.0mmx4m	B-07375

Spool assembly





Model No.	Part No.
UR3000	DA00000001
DUR141, DUR181, UR140D, UR180D	196146-9



Accessories

Multi-tool attachments

*Europe

Shape	Model No.	Part No.
Brushcutter Cutting width: 420mm Spindle size: M10 x 1.25LH 	EX2650LH	EM400MP
String trimmer Spindle size: M8 x 1.25RH 	EX2650LH	ER400MP
Brushcutter Cutting width: 300mm Spindle size: M10 x 1.25LH 	BUX360, UX360D, US361D, BUX361, UX362D, BUX362	EM401MP *EM402MP
Pole saw 	EX2650LH, BUX360, UX360D, UX361D, BUX361 UX362D, BUX362	EY401MP
Pole hedge trimmer 	EX2650LH, BUX360, UX360D, UX361D, BUX361 UX362D, BUX362	EN401MP
Cultivator 	EX2650LH, BUX360, UX360D, UX361D, BUX361 UX362D, BUX362	KR400MP
Coffee harvester 	EX2650LH, BUX360, UX360D, UX361D, BUX361 UX362D, BUX362	EJ400MP
Edger attachment 	EX2650LH, BUX360, UX360D, UX361D, BUX361 UX362D, BUX362	EE400MP
Shaft extension attachment For Pole saw, Pole hedge trimmer and Coffee harvester 	EX2650LH, BUX360, UX360D, UX361D, BUX361 UX362D, BUX362	LE400MP

Sprayer accessories

Shape	Model No.	Features/ Recommended use	Part No.
Wide angle herbicide nozzle 	EF1550RH EVH2000	for spraying herbicides; also ideal for watering plants or spraying soil conditioner	6908031000
Herbicide nozzle 		Hard to become mist preventing diffusion of medicine.	6958011000
Y-shaped double nozzle 	DVF104, DVF154 EF1550RH EVH2000	for general pesticide applications using insecticides, fungicides, etc.	6958025000
Long two head nozzle 		Wide sprayibg with wide angle outlet.	6949001000
U-shaped double nozzle 	EF1550RH EVH2000	Wide sprayibg with wide angle outlet.	6958018000
Triple concentric nozzle 		Spraying in the form of circular.	6909500100
Quadruple concentric nozzle 		Spraying in the form of circular.	6919500000
Compact nozzle 	EVH2000	Convenient for spraying in the green house by compact nozzle.	6939025000
Jet nozzle 2		Diffusion or straight is selectable with one teach	6939024000
Super jet nozzle		Diffusion or straight is selectable.	6939028000



Accessories

Protection guard

Shape	Type	Model No.	Part No.
Complete assy 	Universal	RBC2110	6198002001
		RBC2500, RBC2510, EM4250, EM4251	6258047002
		RBC420/E, RBC421L	6358008003
Protector 		RBC2110, RBC2500, RBC2510, EM4250, EM4251	6258061001
		EBH252L/U, EBH253L/U, EM2650LH/UH, EM2651LH/1UH	452260-4
		EBH250L/U, EBH251L/U	6258061001
		RBC420/E, RBC421L	6358007003
		RBC3100, RBC3101, RBC3110	6278012001
		RBC411, EBH340U	6348008000
		DBC260L/U	6258065000
		EM4340/L, EM4341	6348002000
		EBH341U/R/L, EM4350UH/LH, EM4351UH, RBC412U	452259-9
		BBC231U, BC231UD	195349-2
Extention 		RBC2110	6198008001
		RBC2500, RBC2510, EM4250, EM4251	6258053001
		EBH252L/U, EBH253L/U, EM2650LH/UH, EM2651LH/UH	135398-7
		EBH250L/U, EBH251L/U, RBC420/E, RBC421L, RBC3100, RBC3101, RBC3110, RBC411, EBH340U, DBC260L/U, EM4340/L, EM4341	6258053001
		EBH341U/R/L, EM4350UH/LH, EM4351UH, RBC412U	135398-7
for Cutting blade only 	Exclusive	RBC2500, RBC2510, EM4250, EM4251, RBC420/E, RBC421L	6258028002
		RBC411	6418026000
		RBC411U	196051-0
		EBH340U	6348005000
		EBH340R	170043110N
		EBH341R	6118002000
for Trimmer head only 		BUR142U, BUR182U, BUR143U, BUR183U, BUR142L, BUR182L, BUR183L	196577-2
		RST210	6168016002
		RST250	6168006003
		RBC2500, RBC2510, EM4250, EM4251	6218008003
		RBC420/E, RBC421L	6218008003
		EBH341R	174345800
		BUR142U, BUR182U, BUR143U, BUR183U, BUR142L, BUR182L, BUR183L	196274-0
for Chisel blade 	for 200mm blade	EM4351UH, EM4350UH	196480-7
	for 225mm blade	EM4351UH, EM4350UH	196481-5

Makita®



ACCESSORIES

2015

ACCESSORIES

Drilling (Wood/Metal)



118° 118°chizel edge

135° 135°split point

HSS-R HSS-R

HSS-G HSS-G

HSS-Co 5% HSS-Co 5%

M-force M-force

HSS-TiN HSS-TiN

For SDS-plus Hammers

HM/CT Tungsten carbide tipped

Use coolant.

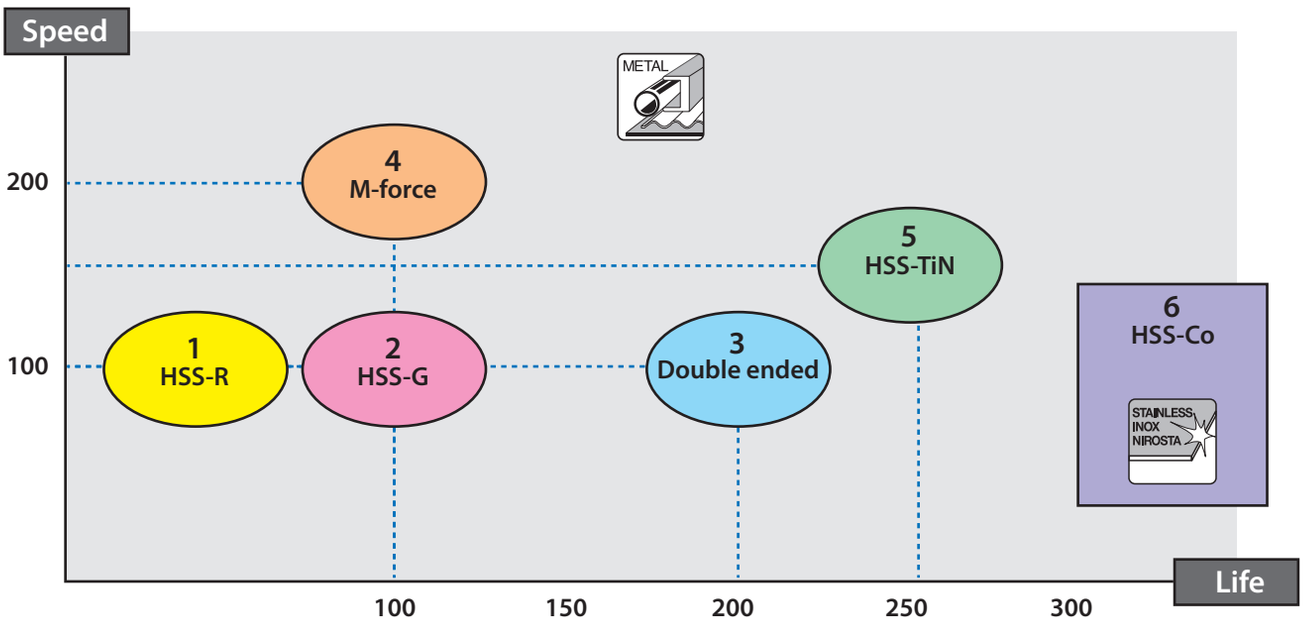
Do not drill with impact

Accessories

HSS metal drill bit series



Range



Description		A	B	C	D	E
		Made of	Process of manufacturing	Tip geometry	Surface	Shank
1	HSS-R metal drill bit	HSS	Roll foged	Chisel edge 118°	Black oxide finish	Straight(Cylindrical)
2	HSS-G metal drill bit	HSS	Ground	Chisel edge 118°	Bright finish	Straight(Cylindrical)
3	Double ended drill bit	HSS	Ground	Split point 135°	Bright finish	Straight(Cylindrical)
4	M-force metal drill bit	HSS	Ground	M-shape	Amber finish	Straight(Three flat)
5	HSS-TiN metal drill bit	HSS	Ground	Split point 135°	Titanium coating	Straight or 1/4"Hex
6	HSS-Co metal drill bit	HSS-Co5%	Ground	Split point 135°	Amber finish	Straight(Cylindrical)

Material chart

AA : Recommended A : Acceptable

Description		Material						
		Wood	Plastic	Non-ferrous metal*	Sheet steel	Cast iron	Alloy steel	Stainless steel
1	HSS-R metal drill bit	A	AA		A	AA		
2	HSS-G metal drill bit	A	AA	AA	AA	AA	AA	A
3	Double ended drill bit	A	AA	AA	AA			
4	M-force metal drill bit	A	AA	AA	AA	AA	AA	A
5	HSS-TiN metal drill bit	A	AA	AA	AA	AA	AA	A
6	HSS-Co metal drill bit			A	A	AA	AA	AA

Non-ferrous metal (Such as Copper, Nickel and Zinc)

Accessories

HSS metal drill bit series

Made of



High speed steel



High speed steel(Cobalt content 5%)

It's for higher heat and abrasion resistance.
Suitable for drilling tough metal.

Process of manufacturing

Roll forged



Made by die-casted rolling machine.It is economical price.

Ground



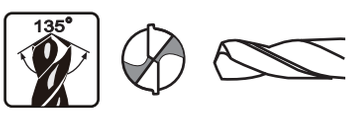
Drill bits ground from the block with excellent surface quality.
The flute and edge of drill bit are ground both.
It is high quality.Eash chip removal, long service life.

Tip geometry

Chisel edge



Split point



135°split point geometry ,which ensure no walking and start fast, on contact.

M-shape



The shape was designed to focus on drilling smoothly and speedily.

Surface

Bright finish



Black Oxide



Rust resistant

Amber finish



Rust resistant

Titanium nitride(TiN) coating



Last longer by 2.5times than non coating type.

Shank

Straight (Cylindrical)



Straight (Three flat)



Better grip than cylindrical shank.

1/4"Hex



Can be used with 1/4" bit holder.
Allows you to change bit easier.

Accessories

HSS-R metal drill bit

Roll forged HSS drill bit

These items are available on request. Contact us for the minimum order quantity.





Bit Dia. (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A	Region B
				Part No.	Part No.
1	34	12	2	D-38283	D-39213
1.5	40	18	2	D-38299	D-39229
2	49	24	2	D-38308	D-39235
2.5	57	30	2	D-38314	D-39241
2.6	57	30	2	D-38320	D-39257
2.9	61	33	2	D-46931	D-47058
3	61	33	2	D-38336	D-39263
3.2	65	36	2	D-38342	D-39279
3.3	65	36	2	D-46713	D-46757
3.5	70	39	2	D-38358	D-39285
4	75	43	2	D-38364	D-39291
4.2	75	43	1	D-38370	D-39300
4.5	80	47	1	D-38386	D-39316
4.8	86	52	1	D-38392	D-39322
5	86	52	1	D-38401	D-39338
5.2	86	52	1	D-46729	D-46763
5.3	86	52	1	D-46947	D-47064
5.5	93	57	1	D-38417	D-39344
6	93	57	1	D-38423	D-39350
6.5	101	63	1	D-38439	D-39366
6.8	109	69	1	D-46953	D-47070
7	109	69	1	D-38445	D-39372
7.5	109	69	1	D-38451	D-39388
8	117	75	1	D-38467	D-39394
8.5	117	75	1	D-38473	D-39403
8.8	125	81	1	D-46969	D-47086
9	125	81	1	D-38489	D-39419
10	133	87	1	D-38495	D-39425
10.3	133	87	1	D-46975	D-47092
10.8	142	94	1	D-46981	D-47101
11	142	94	1	D-38504	D-39431
12	151	101	1	D-38510	D-39447
13	151	101	1	D-38526	D-39453

HSS-R 5pcs,10pcs. metal drill bit set



Bit Dia. (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A	Region B
				Part No.	Part No.
1	34	12	10	D-38532	D-39469
1.5	40	18	10	D-38548	D-39475
2	49	24	10	D-38554	D-39481
2.5	57	30	10	D-38560	D-39497
2.9	61	33	10	D-46872	D-46997
3	61	33	10	D-38576	D-39506
3.2	65	36	10	D-38582	D-39512
3.3	65	36	10	D-46698	D-46735
3.5	70	39	10	D-38598	D-39528
4	75	43	10	D-38607	D-39534
4.2	75	43	10	D-38613	D-39540
4.5	80	47	10	D-38629	D-39556
4.8	86	52	10	D-38635	D-39562
5	86	52	10	D-38641	D-39578
5.2	86	52	10	D-46707	D-46741
5.3	86	52	10	D-46888	D-47008
5.5	93	57	10	D-38657	D-39584
6	93	57	10	D-38663	D-39590
6.5	101	63	10	D-38679	D-39609
6.8	109	69	10	D-46894	D-47014
7	109	69	10	D-38685	D-39615
7.5	109	69	10	D-38691	D-39621
8	117	75	10	D-38700	D-39637
8.5	117	75	10	D-38716	D-39643
8.8	125	81	10	D-46903	D-47020
9	125	81	10	D-38722	D-39659
9.5	125	81	10	D-38738	D-39665
10	133	87	10	D-38744	D-39671
10.3	133	87	5	D-46919	D-47036
10.5	133	87	5	D-38750	D-39687
10.8	142	94	5	D-46925	D-47042
11	142	94	5	D-38766	D-39693
11.5	142	94	5	D-38772	D-39702
12	151	101	5	D-38788	D-39718
12.5	151	101	5	D-38794	D-39724
13	151	101	5	D-38803	D-39730

Accessories

HSS-R metal drill bit 13pc. Metal box set

1pc each 1.0 to 6.5mm by 13ths





Region A	Region B
Part No.	Part No.
D-54075	D-54106

HSS-R metal drill bit 19pc. Metal box set

1pc each 1.0 to 10.0mm by 19ths





Region A	Region B
Part No.	Part No.
D-54081	D-54112

HSS-R metal drill bit 25pc. Metal box set

1pc each 1.0 to 13.0mm by 25ths





Region A	Region B
Part No.	Part No.
D-54097	D-54128

HSS-G metal drill bit

Fully ground HSS drill bit

These items are available on request. Contact us for the minimum order quantity.





Bit Dia. (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A
				Part No.
1.5	40	18	1	D-09656
2	49	24	1	D-09662
2.5	57	30	1	D-09678
2.9	61	33	1	D-46816
3	61	33	1	D-09684
3.2	65	36	1	D-46589
3.3	65	36	1	D-46595
3.5	70	39	1	D-09690
4	75	43	1	D-09709
4.2	75	43	1	D-46604
4.5	80	47	1	D-09715
5	86	52	1	D-09721
5.2	86	52	1	D-46610
5.3	86	52	1	D-46822
5.5	93	57	1	D-09737
6	93	57	1	D-09743
6.5	101	63	1	D-09759
6.8	109	69	1	D-46838
7	109	69	1	D-09765
7.5	109	69	1	D-09771
8	117	75	1	D-09787
8.5	117	75	1	D-09793
8.8	125	81	1	D-46844
9	125	81	1	D-09802
9.5	125	81	1	D-09818
10	133	87	1	D-09824
10.3	133	87	1	D-46850
10.5	133	87	1	D-09830
10.8	142	94	1	D-46866
11	142	94	1	D-09846
11.5	142	94	1	D-09852
12	151	101	1	D-09868
12.5	151	101	1	D-09874
13	151	101	1	D-09880

Accessories

HSS-G 5pcs,10pcs. metal drill bit set



Bit Dia. (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A
				Part No.
1.5	40	18	10	D-06236
1.75	46	22	10	D-06242
2	49	24	10	D-06258
2.25	53	27	10	D-06264
2.5	57	30	10	D-06270
2.75	61	33	10	D-06286
2.9	61	33	10	D-46648
3	61	33	10	D-06292
3.2	65	36	10	D-34942
3.25	65	36	10	D-06301
3.3	65	36	10	D-46567
3.5	70	39	10	D-06317
3.75	70	39	10	D-06323
4	75	43	10	D-06339
4.2	75	43	10	D-17762
4.25	75	43	10	D-06345
4.5	80	47	10	D-06351
4.75	80	47	10	D-06367
5	86	52	10	D-06373
5.2	86	52	10	D-34986
5.25	86	52	10	D-06389
5.3	86	52	10	D-46654
5.5	93	57	10	D-06395
5.75	93	57	10	D-06404
6	93	57	10	D-06410
6.25	101	63	10	D-06426
6.5	101	63	10	D-06432
6.75	109	69	10	D-06448
6.8	109	69	10	D-46779
7	109	69	10	D-06454
7.25	109	69	10	D-06460
7.5	109	69	10	D-06476
7.75	117	75	10	D-06482
8	117	75	10	D-06498
8.25	117	75	5	D-06507
8.5	117	75	5	D-06513
8.75	125	81	5	D-06529
8.8	125	81	5	D-46785
9	125	81	5	D-06535
9.25	125	81	5	D-06541
9.5	125	81	5	D-06557
9.75	133	87	5	D-06563
10	133	87	5	D-06579
10.25	133	87	5	D-06585
10.3	133	87	5	D-46791
10.5	133	87	5	D-06591
10.8	142	94	5	D-46800
11	142	94	5	D-06600
11.5	142	94	5	D-06616
12	151	101	5	D-06622
12.5	151	101	5	D-06638
13	151	101	5	D-06644

HSS-G metal drill bit

Fully ground HSS drill bit

These items are available on request. Contact us for the minimum order quantity.





Size: inch

Bit Dia.	Overall length	Working length	Per pkg.	Region C
				Part No.
1/16"	1-7/8"	7/8"	2	D-22230
5/64"	2"	1"	2	D-22246
3/32"	2-1/4"	1-1/4"	2	D-22252
7/64"	2-5/8"	1-1/2"	2	D-22268
1/8"	2-3/4"	1-5/8"	2	D-22274
5/32"	3-1/8"	2"	1	D-22296
11/64"	3-1/4"	2-1/8"	1	D-22305
3/16"	3-1/2"	2-5/16"	1	D-22311
13/64"	3-5/8"	2-7/16"	1	D-22327
7/32"	3-3/4"	2-1/2"	1	D-22333
15/64"	3-7/8"	2-5/8"	1	D-22349
1/4"	4"	2-3/4"	1	D-22355
17/64"	4-1/8"	2-7/8"	1	D-22361
9/32"	4-1/4"	2-15/16"	1	D-22377
19/64"	4-3/8"	3-1/16"	1	D-22383
5/16"	4-1/2"	3-3/16"	1	D-22399
21/64"	4-5/8"	3-5/16"	1	D-22408
11/32"	4-3/4"	3-7/16"	1	D-22414
23/64"	4-7/8"	3-1/2"	1	D-22420
3/8"	5"	3-5/8"	1	D-22436
25/64"	5-1/8"	3-3/4"	1	D-22442
13/32"	5-1/4"	3-7/8"	1	D-22458
27/64"	5-3/8"	3-15/16"	1	D-22464
7/16"	5-1/2"	4-1/16"	1	D-22470
29/64"	5-5/8"	4-3/16"	1	D-22486
15/32"	5-3/4"	4-5/16"	1	D-22492
31/64"	5-7/8"	4-3/8"	1	D-22501
1/2"	6"	4-1/2"	1	D-22517

Accessories

HSS-G 5pcs,10pcs. metal drill bit set



Size: inch

Bit Dia.	Overall length	Working length	Per pkg.	Region C
				Part No.
1/16"	1-7/8"	7/8"	10	D-21945
5/64"	2"	1"	10	D-21951
3/32"	2-1/4"	1-1/4"	10	D-21967
7/64"	2-5/8"	1-1/2"	10	D-21973
1/8"	2-3/4"	1-5/8"	10	D-21989
9/64"	2-7/8"	1-3/4"	10	D-21995
5/32"	3-1/8"	2"	10	D-22006
11/64"	3-1/4"	2-1/8"	10	D-22012
3/16"	3-1/2"	2-5/16"	10	D-22028
13/64"	3-5/8"	2-7/16"	10	D-22034
7/32"	3-3/4"	2-1/2"	10	D-22040
15/64"	3-7/8"	2-5/8"	10	D-22056
1/4"	4"	2-3/4"	10	D-22062
17/64"	4-1/8"	2-7/8"	10	D-22078
9/32"	4-1/4"	2-15/16"	10	D-22084
19/64"	4-3/8"	3-1/16"	10	D-22096
5/16"	4-1/2"	3-3/16"	10	D-22109
21/64"	4-5/8"	3-5/16"	10	D-37116
11/32"	4-3/4"	3-7/16"	10	D-37122
23/64"	4-7/8"	3-1/2"	10	D-37138
3/8"	5"	3-5/8"	10	D-37219
25/64"	5-1/8"	3-3/4"	10	D-37225
13/32"	5-1/4"	3-7/8"	10	D-37231
21/64"	4-5/8"	3-5/16"	5	D-22115
11/32"	4-3/4"	3-7/16"	5	D-22121
23/64"	4-7/8"	3-1/2"	5	D-22137
3/8"	5"	3-5/8"	5	D-22143
25/64"	5-1/8"	3-3/4"	5	D-22159
13/32"	5-1/4"	3-7/8"	5	D-22165
27/64"	5-3/8"	3-15/16"	5	D-22171
7/16"	5-1/2"	4-1/16"	5	D-22187
29/64"	5-5/8"	4-3/16"	5	D-22193
15/32"	5-3/4"	4-5/16"	5	D-22202
31/64"	5-7/8"	4-3/8"	5	D-22218
1/2"	6"	4-1/2"	5	D-22224

HSS-G metal drill bit 19pc. Index set

1pc each 1.0 to 10.0mm by 19ths





Region A	Region B
Part No.	Part No.
D-29941	D-50740

HSS-G metal drill bit 25pc. Index set

1pc each 1.0 to 13.0mm by 25ths





Region A	Region B
Part No.	Part No.
D-50457	D-50756

HSS-G metal drill bit 13pc. Metal box set

1pc each 1.0 to 6.5mm by 13ths





Region A	Region B
Part No.	Part No.
D-54019	D-54047

Accessories

HSS-G metal drill bit 19pc. Metal box set

1pc each 1.0 to 10.0mm by 19ths



Region A	Region B
Part No.	Part No.
D-54025	D-54053

HSS-G metal drill bit 25pc. Metal box set

1pc each 1.0 to 13.0mm by 25ths





Region A	Region B
Part No.	Part No.
D-54031	D-54069

Double ended drill bit

Fully ground HSS drill bit

These items are available on request.
Contact us for the minimum order quantity.







Bit Dia. (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A	Region B
				Part No.	Part No.
2	38	7.5	10	B-26652	B-26864
2.5	43	10	10	B-33772	B-33794
3	46	10.6	10	B-26668	B-26870
3.1	49	11	10	B-26674	B-26886
3.2	49	11	10	B-26680	B-26892
3.3	49	11	10	B-26696	B-26901
3.5	52	13	10	B-26705	B-26917
3.8	55	14	10	B-26711	B-26923
4	55	14	10	B-26727	B-26939
4.1	55	14	10	B-26733	B-26945
4.2	55	14	10	B-26749	B-26951
4.3	55	14	10	B-26755	B-26967
4.5	58	16	10	B-26761	B-26973
4.8	62	17	10	B-26777	B-26989
4.9	62	17	10	B-26783	B-26995
5	62	17	10	B-26799	B-27006
5.1	62	17	10	B-26808	B-27012
5.2	62	17	10	B-26814	B-27028
5.5	66	19	10	B-26820	B-27034
6	66	19	10	B-26836	B-27040
6.5	70	21	10	B-33788	B-33803
8	79	25	10	B-26842	B-27056
10	89	25	10	B-26858	B-27062







Size: inch

Bit diameter	Overall length	Working length	Pc. per pkg.	Region C
				Part No.
7/64"	1-7/8"	5/8"	10	B-29907
1/8"	2"	5/8"	10	B-29913
9/64"	2"	5/8"	10	B-29929
5/32"	2-1/16"	5/8"	10	B-29935
3/16"	2-3/16"	5/8"	10	B-29941
7/32"	2-3/8"	11/16"	10	B-29957
1/4"	2-1/2"	7/8"	10	B-29963
#30	2"	5/8"	10	B-29979
#20	2-1/8"	5/8"	10	B-29985
#11	2-1/4"	11/16"	10	B-29991

Accessories

HSS metal drill bit 5pc. assortment

Fully ground HSS drill bit with bright edge and titanium coated flute finish

4 x 75, 5 x 86, 6 x 93, 8 x 117,

10 x 133mm (1pc.each)



Region A
Part No.
D-30514

170pc. assortment with metal box

Fully ground HSS drill bit with bright edge and titanium coated flute finish

1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5

5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0mm 10pcs each.

8.5, 9.0, 9.5, 10.0 (5pcs.each)



Region A
Part No.
D-30564

230pc. assortment with metal box inch size

Fully ground HSS drill bit with bright edge and titanium coated flute finish

3/64"1/16",5/64",3/32",1/8", 9/64",5/32",11/64",3/16",

7/32",15/64",1/4",9/32", 19/64",5/16"21/64",23/64",

3/8",1/2"



Region C
Part No.
D-30586

HSS-TiN metal drill bit

Fully ground HSS drill bit

These items are available on request. Contact us for the minimum order quantity.





Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A	Region B
				Part No.	Part No.
1	34	12	2	D-42955	D-43583
1.5	40	18	2	D-42961	D-43599
2	49	24	2	D-42977	D-43608
2.5	57	30	2	D-42983	D-43614
2.6	57	30	2	D-42999	D-43620
3	61	33	2	D-43000	D-43636
3.2	65	36	2	D-43016	D-43642
3.3	65	36	2	D-43022	D-43658
3.5	70	39	2	D-43038	D-43664
4	75	43	2	D-43044	D-43670
4.1	75	43	1	D-43050	D-43686
4.2	75	43	1	D-43066	D-43692
4.5	80	47	1	D-43072	D-43701
4.8	86	52	1	D-43088	D-43717
5	86	52	1	D-43094	D-43723
5.2	86	52	1	D-43103	D-43739
5.5	93	57	1	D-43119	D-43745
6	93	57	1	D-43125	D-43751
6.5	101	63	1	D-43131	D-43767
7	109	69	1	D-43147	D-43773
7.5	109	69	1	D-43153	D-43789
8	117	75	1	D-43169	D-43795
8.5	117	75	1	D-43175	D-43804
9	125	81	1	D-43181	D-43810
9.5	125	81	1	D-43197	D-43826
10	133	87	1	D-43206	D-43832
10.5	133	87	1	D-45375	D-45406
11	142	94	1	D-43212	D-43848
11.5	142	94	1	D-45381	D-45412
12	151	101	1	D-43228	D-43854
12.5	151	101	1	D-45397	D-45428
13	151	101	1	D-43234	D-43860

Accessories

HSS-TiN 10pcs. metal drill bit set



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A	Region B
				Part No.	Part No.
1	34	12	10	D-43240	D-43876
1.5	40	18	10	D-43256	D-43882
2	49	24	10	D-43262	D-43898
2.5	57	30	10	D-43278	D-43907
3	61	33	10	D-43284	D-43913
3.2	65	36	10	D-43290	D-43929
3.3	65	36	10	D-43309	D-43935
3.5	70	39	10	D-43315	D-43941
4	75	43	10	D-43321	D-43957
4.1	75	43	10	D-43337	D-43963
4.2	75	43	10	D-43343	D-43979
4.5	80	47	10	D-43359	D-43985
4.8	86	52	10	D-43365	D-43991
5	86	52	10	D-43371	D-44002
5.2	86	52	10	D-43387	D-44018
5.5	93	57	10	D-43393	D-44024
6	93	57	10	D-43402	D-44030
6.5	101	63	10	D-43418	D-44046
7	109	69	10	D-43424	D-44052
7.5	109	69	10	D-43430	D-44068
8	117	75	10	D-43446	D-44074
8.5	117	75	10	D-43452	D-44080
9	125	81	10	D-43468	D-44096
9.5	125	81	10	D-43474	D-44105
10	133	87	10	D-43480	D-44111

HSS-TiN 5pcs. metal drill bit set



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A	Region B
				Part No.	Part No.
10.5	133	87	5	D-43496	D-44127
11	142	94	5	D-43505	D-44133
11.5	142	94	5	D-43511	D-44149
12	151	101	5	D-43527	D-44155
12.5	151	101	5	D-43533	D-44161
13	151	101	5	D-43549	D-44177

HSS-TiN metal drill bit 6pc. Assortment

2, 3, 4, 5, 6, 8mm (1pc.each)



Region A	Region B
Part No.	Part No.
D-43555	D-44183

HSS-TiN metal drill bit 10pc. assortment

1, 2, 3, 4, 5, 6, 7, 8, 9, 10mm (1pc.each)



Region A	Region B
Part No.	Part No.
D-43561	D-44199

HSS-TiN metal drill bit 13pc. assortment

1.5, 2, 2.5, 3, 3.2, 3.5, 4, 4.5, 4.8, 5, 5.5, 6, 6.5mm (1pc.each)



Region A	Region B
Part No.	Part No.
D-43577	D-44208

Accessories

HSS-TiN metal drill bit with laser marking "makita"

Fully ground HSS drill bit

These items are available on request. Contact us for the minimum order quantity.





HSS-TiN 10pcs. metal drill bit with laser marking "makita"



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A
				Part No.
3	61	33	10	D-53095
3.5	70	39	10	D-53104
4	75	43	10	D-53110
4.5	80	47	10	D-53126
5	86	52	10	D-53132
5.5	93	57	10	D-53148
6	93	57	10	D-53154
6.5	101	63	10	D-53160
7	109	69	10	D-53176
7.5	109	69	10	D-53182
8	117	75	10	D-53198
8.5	117	75	10	D-53207
9	125	81	10	D-53213
9.5	125	81	10	D-53229
10	133	87	10	D-53235

HSS-TiN 5pcs. metal drill bit set with laser marking "makita"



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A
				Part No.
10.5	133	87	5	D-53241
11	142	94	5	D-53257
11.5	142	94	5	D-53263
12	151	101	5	D-53279
12.5	151	101	5	D-53285
13	151	101	5	D-53291

HSS-TiN metal drill bit with 1/4" Hex. shank

Fully ground HSS drill bit

These items are available on request. Contact us for the minimum order quantity.





Type MZ

Bit diameter (mm)	Length (mm)	Working length (mm)	Shank Type	Per pkg.	Region A
					Part No.
2.5	78	30	MZ	1	D-46517
3	81	33	MZ	1	D-14928
3.2	85	36	MZ	1	D-14934
3.3	85	36	MZ	1	D-16081
4	95	43	MZ	1	D-14940
4.1	95	43	MZ	1	D-16483
4.2	95	43	MZ	1	D-14956
5	106	52	MZ	1	D-14962
5.2	106	52	MZ	1	D-46523
6	113	57	MZ	1	D-14978
6.5	121	63	MZ	1	D-17778
8	117	75	MZ	1	D-15827
10	133	87	MZ	1	D-15833
12	151	101	MZ	1	D-15849
13	151	101	MZ	1	D-15855

T Type NZ

Bit diameter (mm)	Length (mm)	Working length (mm)	Shank Type	Per pkg.	Region A
					Part No.
2.5	78	30	NZ	1	D-46539
3	81	33	NZ	1	D-31114
3.2	85	36	NZ	1	D-31120
3.3	85	36	NZ	1	D-31136
4	95	43	NZ	1	D-31142
4.1	95	43	NZ	1	D-31158
4.2	95	43	NZ	1	D-31164
5	106	52	NZ	1	D-31170
5.2	106	52	NZ	1	D-46545
6	113	57	NZ	1	D-31186
6.5	121	63	NZ	1	D-31192
8	117	75	NZ	1	D-31201
10	133	87	NZ	1	D-31217
12	151	101	NZ	1	D-31223
13	151	101	NZ	1	D-31239

Accessories

HSS-TiN metal drill bit with 1/4" Hex. shank

Size: inch

Type MZ





Bit diameter	Length	Working length	Shank Type	Per pkg.	Region C
					Part No.
7/64"	3-15/32"	1-1/2"	MZ	1	D-23874
1/8"	3-15/32"	1-5/8"	MZ	1	D-23880
9/64"	3-1/2"	1-3/4"	MZ	1	D-23896
5/32"	3-13/16"	2"	MZ	1	D-23905
3/16"	4-7/32"	2-5/16"	MZ	1	D-23911
1/4"	4-3/4"	2-3/4"	MZ	1	D-23927
5/16"	4-1/2"	3-3/16"	MZ	1	D-23933
3/8"	5"	3-5/8"	MZ	1	D-23949

HSS TiN metal drill bit assortment with 1/4" Hex. Shank

These items are available on request. Contact us for the minimum order quantity.

1/8", 5/32", 3/16", 1/4", 5/16"

(1pc. each)

Type MZ



Shank Type	Region C
	Part No.
MZ	D-35318

Rivet drill bit 1/4" Hex. shank

Fully ground HSS drill bit

These items are available on request. Contact us for the minimum order quantity.



Type MZ



Bit diameter	Length	Working length	Shank Type	Per pkg.	Region A	Region B
					Part No.	Part No.
3.3	50	25	MZ	5	B-38869	B-39089

M-Force HSS metal drill bit

Fully ground HSS drill bit

These items are available on request.

Contact us for the minimum order quantity.







Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A
				Part No.
2	49	24	1	D-29614
2.5	57	30	1	D-29620
3	61	33	1	D-29636
3.2	65	36	1	D-37633
3.3	65	36	1	D-46626
3.5	70	39	1	D-29642
4	75	43	1	D-29658
4.2	75	43	1	D-37649
4.5	80	47	1	D-29664
5	86	52	1	D-29670
5.2	86	52	1	D-37655
5.5	93	57	1	D-29686
6	93	57	1	D-29692
6.5	101	63	1	D-29701
7	109	69	1	D-29717
7.5	109	69	1	D-29723
8	117	75	1	D-29739
8.5	117	75	1	D-29745
9	125	81	1	D-29751
9.5	125	81	1	D-29767
10	133	87	1	D-29773
10.5	133	87	1	D-29789
11	142	94	1	D-29795
11.5	142	94	1	D-29804
12	151	101	1	D-29810
12.5	151	101	1	D-29826
13	151	101	1	D-29832

Accessories

M Force HSS metal drill 5pc. assortment



4 x 75, 5 x 86, 6 x 93, 8 x 117, 10 x 133mm

(1pc.each)



Region A
Part No.
D-30508

M Force HSS metal drill 19pc. assortment



1 x 34, 1.5 x 40, 2 x 49, 2.5 x 57, 3 x 61, 3.5 x 70, 4 x 75, 4.5 x 80, 5 x 86, 5.5 x 93,

6 x 93, 6.5 x 101, 7 x 109, 7.5 x 109, 8 x 117, 8.5 x 117, 9 x 125, 9.5 x 125, 10 x 133

(1 pc. each)



Region A
Part No.
D-29876

M Force HSS metal drill 25pc. assortment



1 x 34, 1.5 x 40, 2 x 49, 2.5 x 57, 3 x 61, 3.5 x 70, 4 x 75, 4.5 x 80, 5 x 86, 5.5 x 93,

6 x 93, 6.5 x 101, 7 x 109, 7.5 x 109, 8 x 117, 8.5 x 117, 9 x 125, 9.5 x 125, 10 x 133,

10.5 x 133, 11 x 142, 11.5 x 142, 12 x 151, 12.5 x 151, 13 x 151

(1 pc each)



Region A
Part No.
D-29882

HSS-Co metal drill bit (Cobalt 5%)

Fully ground HSS drill bit

These items are available on request. Contact us for the minimum order quantity.





Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A
				Part No.
1.5	40	18	1	D-17289
2	49	24	1	D-17295
2.5	57	30	1	D-17304
3	61	33	1	D-17310
3.2	65	36	1	D-17326
3.3	65	36	1	D-46660
3.5	70	39	1	D-17332
4	75	43	1	D-17348
4.2	75	43	1	D-46676
4.5	80	47	1	D-17354
5	86	52	1	D-17360
5.2	86	52	1	D-46682
5.5	93	57	1	D-17376
6	93	57	1	D-17382
6.5	101	63	1	D-17398
7	109	69	1	D-17407
7.5	109	69	1	D-17413
8	117	75	1	D-17429
8.5	117	75	1	D-17435
9	125	81	1	D-17441
9.5	125	81	1	D-17457
10	133	87	1	D-17463
10.5	133	87	1	D-17479
11	142	94	1	D-17485
11.5	142	94	1	D-17491
12	151	101	1	D-17500
12.5	151	101	1	D-17516
13	151	101	1	D-17522

Accessories

HSS-Co 5pcs. metal drill bit (Cobalt 5%)

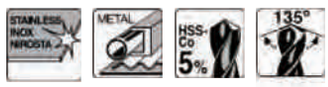


Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Region A
				Part No.
1.5	40	18	5	D-16617
1.75	46	22	5	D-17625
2	49	24	5	D-16623
2.5	57	30	5	D-16639
3	61	33	5	D-16645
3.2	65	36	5	D-16651
3.3	65	36	5	D-46632
3.5	70	39	5	D-16667
4	75	43	5	D-16673
4.2	75	43	5	D-34958
4.5	80	47	5	D-16689
5	86	52	5	D-16695
5.2	86	52	5	D-34992
5.5	93	57	5	D-16704
6	93	57	5	D-16710
6.5	101	63	5	D-16726
7	109	69	5	D-16732
7.5	109	69	5	D-16748
8	117	75	5	D-16754
8.5	117	75	5	D-16760
9	125	81	5	D-16776
9.5	125	81	5	D-16782
10	133	87	5	D-16798
10.5	133	87	5	D-16807
11	142	94	5	D-16813
11.5	142	94	5	D-16829
12	151	101	5	D-16835
12.5	151	101	5	D-16841
13	151	101	5	D-16857

HSS-Co metal drill bits (Cobalt 5%)

Fully ground HSS drill bit

These items are available on request. Contact us for the minimum order quantity.





Size: inch

Bit diameter	Overall length	Working length	Per pkg.	Region C
				Part No.
1/16"	1-7/8"	7/8"	2	D-22523
5/64"	2"	1"	2	D-22539
3/32"	2-1/4"	1-1/4"	2	D-22545
7/64"	2-5/8"	1-1/2"	2	D-22551
1/8"	2-3/4"	1-5/8"	2	D-22567
9/64"	2-7/8"	1-3/4"	2	D-22573
5/32"	3-1/8"	2"	1	D-22589
11/64"	3-1/4"	2-1/8"	1	D-22595
3/16"	3-1/2"	2-5/16"	1	D-22604
13/64"	3-5/8"	2-7/16"	1	D-22610
7/32"	3-3/4"	2-1/2"	1	D-22626
15/64"	3-7/8"	2-5/8"	1	D-22632
1/4"	4"	2-3/4"	1	D-22648
17/64"	4-1/8"	2-7/8"	1	D-22654
9/32"	4-1/4"	2-15/16"	1	D-22660
19/64"	4-3/8"	3-1/16"	1	D-22676
5/16"	4-1/2"	3-3/16"	1	D-22682
21/64"	4-5/8"	3-5/16"	1	D-22698
11/32"	4-3/4"	3-7/16"	1	D-22707
23/64"	4-7/8"	3-1/2"	1	D-22713
3/8"	5"	3-5/8"	1	D-22729
25/64"	5-1/8"	3-3/4"	1	D-22735
13/32"	5-1/4"	3-7/8"	1	D-22741
27/64"	5-3/8"	3-15/16"	1	D-22757
7/16"	5-1/2"	4-1/16"	1	D-22763
29/64"	5-5/8"	4-3/16"	1	D-22779
15/32"	5-3/4"	4-5/16"	1	D-22785
31/64"	5-7/8"	4-3/8"	1	D-22791
1/2"	6"	4-1/2"	1	D-22800

Accessories

HSS-Co 5pcs.metal drill bits (Cobalt 5%)



Bit diameter	Overall length	Working length	Per pkg.	Region C
				Part No.
1/16"	1-7/8"	7/8"	5	D-22816
5/64"	2"	1"	5	D-22822
3/32"	2-1/4"	1-1/4"	5	D-22838
7/64"	2-5/8"	1-1/2"	5	D-22844
1/8"	2-3/4"	1-5/8"	5	D-22850
9/64"	2-7/8"	1-3/4"	5	D-22866
5/32"	3-1/8"	2"	5	D-22872
11/64"	3-1/4"	2-1/8"	5	D-22888
3/16"	3-1/2"	2-5/16"	5	D-22894
13/64"	3-5/8"	2-7/16"	5	D-22903
7/32"	3-3/4"	2-1/2"	5	D-22919
15/64"	3-7/8"	2-5/8"	5	D-22925
1/4"	4"	2-3/4"	5	D-22931
17/64"	4-1/8"	2-7/8"	5	D-22947
9/32"	4-1/4"	2-15/16"	5	D-22953
19/64"	4-3/8"	3-1/16"	5	D-22969
5/16"	4-1/2"	3-3/16"	5	D-22975
21/64"	4-5/8"	3-5/16"	5	D-22981
11/32"	4-3/4"	3-7/16"	5	D-22997
23/64"	4-7/8"	3-1/2"	5	D-23008
3/8"	5"	3-5/8"	5	D-23014
25/64"	5-1/8"	3-3/4"	5	D-23020
13/32"	5-1/4"	3-7/8"	5	D-23036
27/64"	5-3/8"	3-15/16"	5	D-23042
7/16"	5-1/2"	4-1/16"	5	D-23058
29/64"	5-5/8"	4-3/16"	5	D-23064
15/32"	5-3/4"	4-5/16"	5	D-23070
31/64"	5-7/8"	4-3/8"	5	D-23086
1/2"	6"	4-1/2"	5	D-23092

HSS-Co metal drill bit 19pc. Index set

1pc each 1.0 to 10.0mm by 19ths





Region A	Region B
Part No.	Part No.
D-50463	D-50762

HSS-Co metal drill bit 25pc. Index set

1pc each 1.0 to 13.0mm by 25ths



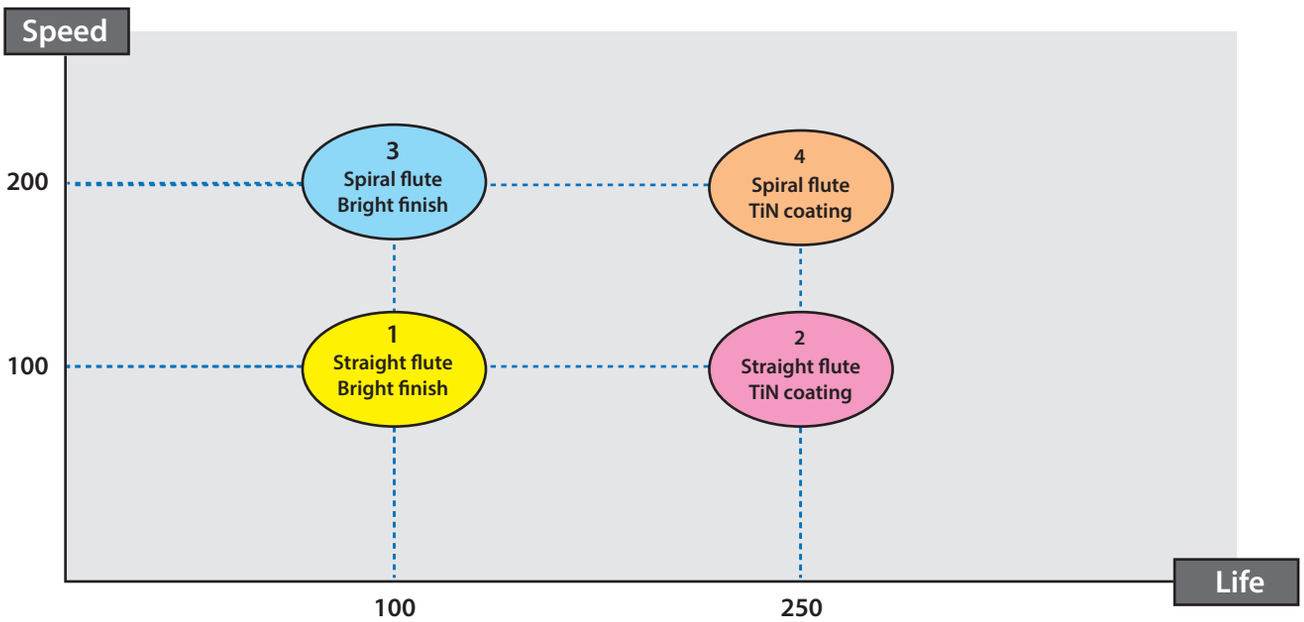


Region A	Region B
Part No.	Part No.
D-50479	D-50778

Accessories

Step drill bit

Range



Description		A	B	C
		Flute	Surface	Shank
1		Straight	Bright finish	Three flat or 1/4"Hex
2		Straight	Titanium coating	Three flat or 1/4"Hex
3		Spiral	Bright finish	Three flat or 1/4"Hex
4		Spiral	Titanium coating	Three flat or 1/4"Hex

Material chart

AA : Recommended A : Acceptable

Description		Material				
		Plastic	Non-ferrous metal*	Sheet steel	Alloy steel	Cast iron
1	Straight flute	AA	AA	AA	A	A
2	Straight flute Titanium coating	AA	AA	AA	A	A
3	Spiral flute	AA	AA	AA	A	A
4	Spiral flute Titanium coating	AA	AA	AA	A	A

Non-ferrous metal (Such as Copper, Nickel and Zinc)

Accessories

Step drill bit



A Flute

Straight flute



Spiral flute

Faster by twice or more than the straight flute.



B Surface

Bright finish



Titanium nitride (TiN) coating

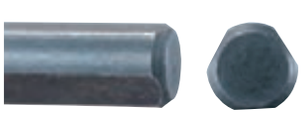
Last longer by 2.5times than bright finish type.



C Shank

Straight (Three flat)

Better grip than cylindrical shank.



1/4"Hex (E-form)

Can be used with 1/4" bit holder. Allows you to change bit easier.



Accessories

Cone drill bit

These items are available on request. Contact us for the minimum order quantity.





Straight shank (Three flat)

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
3-14	58	38	Straight (Three flat)	1	D-40048	D-40381
4-20	71	51	Straight (Three flat)	1	D-40054	D-40397

Cone drill bit

These items are available on request. Contact us for the minimum order quantity.





Straight shank (Three flat)

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
16-30.5	76	51	Straight (Three flat)	1	D-40060	D-40406
24-40	89	64	Straight (Three flat)	1	D-40076	D-40412

Step drill bit Straight flute

These items are available on request. Contact us for the minimum order quantity.





Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
4-12	65	45	1/4"Hex(MZ)	1	D-40082	D-40428
4-20	75	53	1/4"Hex(MZ)	1	D-40098	D-40434

Type NZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A
					Part No.
4-12	65	45	1/4"Hex(NZ)	1	D-46414
4-20	75	53	1/4"Hex(NZ)	1	D-46420

Straight shank (Three flat)

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
4-32	102	80	Straight (Three flat)	1	D-40107	D-40440

Step drill bit Straight flute Titanium coating

These items are available on request. Contact us for the minimum order quantity.





Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
4-12	65	45	1/4"Hex(MZ)	1	D-40113	D-40456
4-20	75	53	1/4"Hex(MZ)	1	D-40129	D-40462

Type NZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A
					Part No.
4-12	65	45	1/4"Hex(NZ)	1	D-46436
4-20	75	53	1/4"Hex(NZ)	1	D-46442

Straight shank (Three flat)

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
4-32	102	80	Straight (Three flat)	1	D-40135	D-40478

Step drill bit Spiral flute

These items are available on request. Contact us for the minimum order quantity.





Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
4-12	65	45	1/4"Hex(MZ)	1	D-40141	D-40484
4-20	75	53	1/4"Hex(MZ)	1	D-40157	D-40490

Type NZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A
					Part No.
4-12	65	45	1/4"Hex(NZ)	1	D-46458
4-20	75	53	1/4"Hex(NZ)	1	D-46464

Straight shank (Three flat)

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
4-32	102	80	Straight (Three flat)	1	D-40163	D-40509

Accessories

Step drill bit Spiral flute Titanium coating

These items are available on request. Contact us for the minimum order quantity.



Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
4-20	75	53	1/4"Hex(MZ)	1	D-40185	D-40521
4-12	65	45	1/4"Hex(MZ)	1	D-40179	D-40515

Type NZ

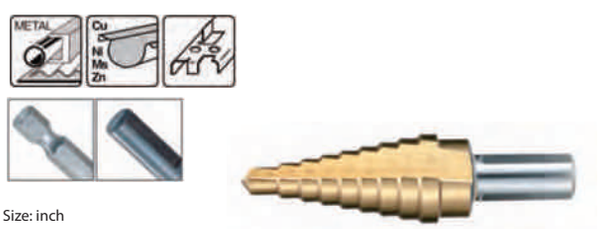
Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A
					Part No.
4-12	65	45	1/4"Hex(NZ)	1	D-46470
4-20	75	53	1/4"Hex(NZ)	1	D-46486

Straight shank (Three flat)

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
4-32	102	80	Straight (Three flat)	1	D-40191	D-40537

Step drill bit Straight flute Titanium coating

These items are available on request. Contact us for the minimum order quantity.



Size: inch

Type MZ

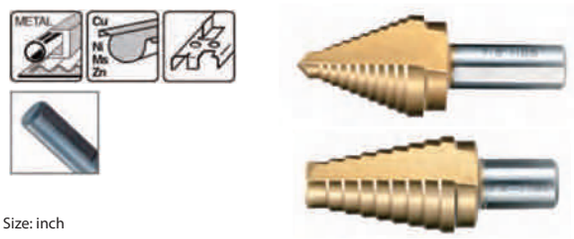
Bit diameter	Overall length	Working length	Shank type	Per pkg.	Region C
					Part No.
1/8"-1/2"	3-9/32"	2-1/2"	1/4"Hex(MZ)	1	B-31011
3/16"-1/2"	3-9/32"	2-1/2"	1/4"Hex(MZ)	1	B-31027

Straight shank (Three flat)

Bit diameter	Overall length	Working length	Shank type	Per pkg.	Region C
					Part No.
3/16"-7/8"	3"	2"	Straight (Three flat)	1	B-31033
1/4"-3/4"	2-5/8"	1-3/4"	Straight (Three flat)	1	B-31049
1/4"- 1-3/8"	3"	2-1/8"	Straight (Three flat)	1	B-31055

Step drill bit Straight flute Titanium coating

These items are available on request. Contact us for the minimum order quantity.



Size: inch

Straight shank (Three flat)

Bit diameter	Overall length	Working length	Shank type	Per pkg.	Region C
					Part No.
7/8"	2-3/16"	1-3/16"	Straight (Three flat)	1	B-31083
9/16"-1"	2-1/2"	1-1/2"	Straight (Three flat)	1	B-31061
13/16"- 1-3/8"	3"	2"	Straight (Three flat)	1	B-31077

Step drill bit Straight flute Titanium coating

These items are available on request. Contact us for the minimum order quantity.



Size: inch

Type MZ

Bit diameter	Overall length	Working length	Shank type	Per pkg.	Region C
					Part No.
1/8"-1/2"	3-9/32"	2-1/2"	1/4"Hex(MZ)	1	B-31099
3/16"-1/2"	3-9/32"	2-1/2"	1/4"Hex(MZ)	1	B-31108

Straight shank (Three flat)

3/16"-7/8"	3"	2"	Straight (Three flat)	1	B-31114
1/4"-3/4"	2-5/8"	1-3/4"	Straight (Three flat)	1	B-31120
1/4"- 1-3/8"	3"	2-1/8"	Straight (Three flat)	1	B-31136

Step drill bit Spiral flute Titanium coating 3pcs set

These items are available on request. Contact us for the minimum order quantity.



Bit diameter	Overall length	Working length	Shank type	Per pkg.	Region A	Region B
					Part No.	Part No.
4-12	65	45	1/4"Hex(MZ)	1	D-41872	D-41903
4-20	75	53	1/4"Hex(MZ)	1		
4-32	102	80	Straight (Three flat)	1		

Accessories

Countersink bit series

Material chart

AA : Recommended A : Acceptable

Description	A	B	C	Material					
	Made of	Type	Shank	Wood	Plastic	Non-ferrous metal*	Cast iron	Alloy steel	Stainless steel
7cutting edge 		 Shallow sinking	1/4"Hex	AA	AA	AA	AA		
3cutting edge 		 Deep sinking	1/4"Hex (C-form)	AA	AA	AA	AA	AA	
5cutting edge 		 Shallow sinking	Straight shank	AA	AA	AA	AA	AA	
3cutting edge 		 Deep sinking	Straight shank	AA	AA	AA	AA	AA	
Slanting hole 		 Shallow sinking	Straight shank		AA	AA	AA	AA	A

Non-ferrous metal (Such as Copper, Nickel and Zinc)

A Made of

Alloy steel



High speed steel



High speed steel (Cobalt content 5%)

It's for higher heat and abrasion resistance. Suitable for drilling tough metal.



B Type

Shallow sinking

Suitable for flat countersinking.



Shallow sinking

Suitable for flat countersinking. Especially in thin metal sheets.



Deep sinking

Suitable for deep countersinking.

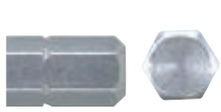


C Shank

Straight



1/4"Hex (C-form)



1/4"Hex (E-form)



1/4"Hex



Accessories

Countersink bit with seven 90° cutting edges

These items are available on request. Contact us for the minimum order quantity.







(1/4" Hex. shank)

Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Region A	Region B
				Part No.	Part No.
13	50	1	-	D-37306	D-38962

Countersink bit with three 90° cutting edges

These items are available on request. Contact us for the minimum order quantity.







(1/4" Hex. Shank C-form)

Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Region A	Region B
				Part No.	Part No.
6.3	31	1	M3	D-37312	D-38978
8.3	31	1	M4	D-37328	D-38984
10.4	34	1	M5	D-37334	D-38990
12.4	35	1	M6	D-37340	D-39001
16.5	40	1	M8	D-37356	D-39017
20.5	41	1	M10	D-37362	D-39023

Countersink bit with five 90° cutting edges

These items are available on request. Contact us for the minimum order quantity.





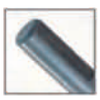


Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Region A	Region B
				Part No.	Part No.
6	48	1	M3	D-37378	D-39039
8	48	1	M4	D-37384	D-39045
10	40	1	M5	D-37390	D-39051
12	40	1	M6	D-37409	D-39067
16	43	1	M8	D-37415	D-39073
20	45	1	M10	D-37421	D-39089

Countersink bit with three 90° cutting edges

These items are available on request. Contact us for the minimum order quantity.







Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Region A	Region B
				Part No.	Part No.
6.3	45	1	M3	D-37437	D-39095
8.3	50	1	M4	D-37443	D-39104
10.4	50	1	M5	D-37459	D-39110
12.4	56	1	M6	D-37465	D-39126
16.5	60	1	M8	D-37471	D-39132
20.5	63	1	M10	D-37487	D-39148
25	67	1	M12	D-37493	D-39154

Slanting hole countersink bit

These items are available on request. Contact us for the minimum order quantity.







Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Region A	Region B
				Part No.	Part No.
2-5	45	1	-	D-37502	D-39160
2-10	48	1	-	D-37518	D-39176
2-15	65	1	-	D-37524	D-39182
15-20	85	1	-	D-37530	D-39198

Countersink bit with five 82° cutting edges

These items are available on request. Contact us for the minimum order quantity.







Size: inch

Bit diameter	Overall length	Per pkg.	Application	Region C
				Part No.
1/2"	1-5/8"	1	-	B-30003
5/8"	1-3/4"	1	-	B-30019
3/4"	1-3/4"	1	-	B-30025

Accessories

Countersink bit titanium coated with five 82° cutting edges

These items are available on request. Contact us for the minimum order quantity.







Size: inch

Bit diameter	Overall length	Per pkg.	Application	Region C
				Part No.
1/2"	1-5/8"	1	-	B-30031
5/8"	1-3/4"	1	-	B-30047
3/4"	1-3/4"	1	-	B-30053

Countersink bit with five 82° cutting edges

These items are available on request. Contact us for the minimum order quantity.





(1/4" Hex. Shank E-form)



Size: inch

【Type MZ】

Bit diameter	Overall length	Per pkg.	Application	Region C
				Part No.
1/2"	2"	1	-	B-30069
5/8"	2"	1	-	B-30075
3/4"	2"	1	-	B-30081

Countersink bit titanium coated with five 82° cutting edges

These items are available on request. Contact us for the minimum order quantity.





(1/4" Hex. Shank E-form)



Size: inch

【Type MZ】

Bit diameter	Overall length	Per pkg.	Application	Region C
				Part No.
1/2"	2"	1	-	B-30097
5/8"	2"	1	-	B-30106
3/4"	2"	1	-	B-30112

Countersink bit with three 90° cutting edges 6pcs. metal box set

These items are available on request. Contact us for the minimum order quantity.





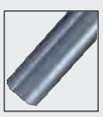
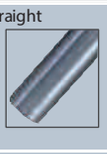
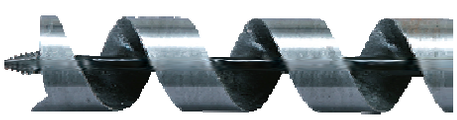
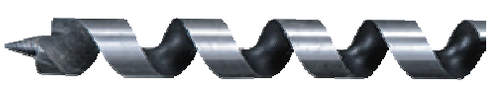
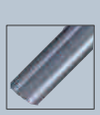


Bit diameter	Overall length	Per pkg.	Application	Region A	Region B
				Part No.	Part No.
6.3	45	1	M3	D-42204	D-42503
8.3	50	1	M4		
10.4	50	1	M5		
12.4	56	1	M6		
16.5	60	1	M8		
20.5	63	1	M10		



Accessories

Wood drill bit series

	Description	A Point	B shank	C Diameter
Flat bit 	Suitable for drilling holes with medium to large diameters in soft wood or soft plastic. It's simple made and reasonable price. It's popular especially in America.	Brad point 	Straight 	6 - 36mm 1/4" - 1-1/2"
			1/4"Hex 	1/4" - 1-1/4"
Wood drill bit 	This is the most popular drill in wood drill and suitable for drilling holes with small to medium diameter. Able to drill soft plastics other than general wood. Highly effective for boring more clean and precise holes than flat bit.	Brad point 	Straight 	3 - 20mm 1/8" - 3/4"
			1/4"Hex 	3 - 15mm
Single spur auger bit 	Suitable for drilling of deep holes with medium to large diameters holes in soft and hard wood. Threaded screw point pull the bit into the work piece providing a fast, easy to use self feeding action. Highly effective for boring more clean and precise holes than flat bit or wood drill.	Auger thread 	Hex 	6 - 30mm 1/4" - 1-1/4"
			1/4"Hex 	6 - 21mm
Ship auger bit 	Suitable for knotty nail embedded wood which unable to drill with single spur. Suitable for plumbing and electrical installation, etc.	Auger thread 	5/16"&7/16"Hex 	10 - 38mm 3/8" - 1-1/2"
Selffeeding bit 	Suitable for drilling large diameter holes for pipe and conduit in wood. Threaded screw point pull the bit into the work piece providing a fast, easy to use self feeding action. Suitable for plumbing and electrical installation, etc.	Auger thread 	7/16"Hex 	1" - 3"
Forstner drill bit 	Suitable for drilling of blind holes or penetrating holes of medium to large diameter with high quality. Suitable for precise working like a making furniture.	Brad point (Short) 	Straight 	10 - 50mm 1/4" - 2-1/8"

Accessories

Flat bit

These items are available on request. Contact us for the minimum order quantity.





Bit diameter (mm)	Overall length (mm)	Region A
		Part No.
6	150	D-07674
8	150	D-07680
10	150	D-07696
12	150	D-07705
14	150	D-07711
15	150	D-07727
16	150	D-07733
18	150	D-07749
20	150	D-07755
22	150	D-07761
24	150	D-07777
25	150	D-07783
26	150	D-07799
28	160	D-07808
30	160	D-07814
32	160	D-07820
34	160	D-07836
35	160	D-07842
36	160	D-07858

Size: inch

Bit diameter	Overall length	Region C
		Part No.
1/4"	6"	D-24505
5/16"	6"	D-24511
3/8"	6"	D-24527
7/16"	6"	D-24533
1/2"	6"	D-26490
9/16"	6"	D-24549
5/8"	6"	D-24561
11/16"	6"	D-24577
3/4"	6"	D-24583
7/8"	6"	D-24599
15/16"	6"	D-24608
1"	6"	D-24614
1-1/8"	6-1/2"	D-24636
1-1/4"	6-1/2"	D-24658
1-3/8"	6-1/2"	D-24670
1-1/2"	6-1/2"	D-26509

Flat bit with 1/4" Hex. shank

These items are available on request. Contact us for the minimum order quantity.





Type MZ

Bit diameter	Overall length	Shank Type	Per pkg.	Region C
				Part No.
1/4"	6"	MZ	1	D-23955
3/8"	6"	MZ	1	D-23961
1/2"	6"	MZ	1	D-23977
5/8"	6"	MZ	1	D-23983
3/4"	6"	MZ	1	D-23999
7/8"	6"	MZ	1	D-24000
1"	6"	MZ	1	D-24016
1-1/4"	6"	MZ	1	D-24022

Wood Drill bit

These items are available on request.

Contact us for the minimum order quantity.





Bit diameter (mm)	Overall length (mm)	Working length (mm)	Region A
			Part No.
3	60	33	D-07026
4	75	43	D-07032
5	85	52	D-07048
6	95	57	D-07054
7	110	69	D-07060
8	115	75	D-07076
9	125	81	D-07082
10	135	87	D-07098
12	155	101	D-07107
13	151	96	D-53453
14	170	108	D-07113
15	160	100	D-53469
16	180	105	D-07129
18	200	120	D-07135
20	200	130	D-07141
6	315	160	D-07157
8	315	160	D-07163
10	315	160	D-07179
12	315	160	D-07185
14	315	160	D-07191
16	315	160	D-07200
18	335	160	D-07216
20	335	160	D-07222

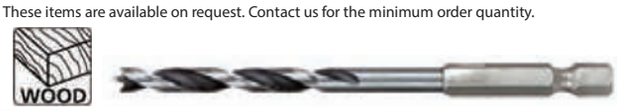
Accessories

Size: inch

Bit diameter	Overall length	Working length (mm)	Region C
			Part No.
1/8"	2-3/4"	1-5/16"	D-23189
5/32"	3-1/8"	1-3/4"	D-23195
3/16"	3-1/2"	2"	D-23204
1/4"	4"	2-9/16"	D-23210
9/32"	4-1/4"	2-3/4"	D-23226
5/16"	4-1/2"	3"	D-23232
11/32"	4-3/4"	3"	D-23248
3/8"	5-1/8"	3-11/32"	D-23254
7/16"	5-5/8"	3-3/4"	D-23260
1/2"	6-5/8"	3-3/4"	D-23276
5/8"	7"	4-3/4"	D-23282
11/16"	8"	5-7/8"	D-23298
3/4"	8"	5-7/8"	D-23307
1/4"	12"	6"	D-23101
5/16"	12"	6"	D-23117
3/8"	12"	6"	D-23123
7/16"	12"	6"	D-23139
1/2"	12"	6"	D-23145
5/8"	12"	6"	D-23151
11/16"	13"	6-5/16"	D-23167
3/4"	13"	6-5/16"	D-23173

Brad point wood drill bit with 1/4" Hex. shank

These items are available on request. Contact us for the minimum order quantity.



Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank Type	Per pkg.	Region A
					Part No.
3	75	33	MZ	1	D-15861
4	90	43	MZ	1	D-15877
5	100	52	MZ	1	D-15883
6	110	57	MZ	1	D-15899
8	115	75	MZ	1	D-15908
10	130	87	MZ	1	D-15914
12	150	101	MZ	1	D-15920
15	160	108	MZ	1	D-15936

Type NZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank Type	Per pkg.	Region A
					Part No.
3	78	33	NZ	1	D-31245
4	92	43	NZ	1	D-31251
5	103	52	NZ	1	D-31267
6	110	57	NZ	1	D-31273
8	117	75	NZ	1	D-31289
10	133	87	NZ	1	D-31295
12	151	101	NZ	1	D-31304
15	162	108	NZ	1	D-31310

Single spur Auger bit with straight shank

These items are available on request.

Contact us for the minimum order quantity.



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Region A
			Part No.
6	200	130	D-07238
8	200	130	D-07244
10	200	130	D-07250
12	200	130	D-07266
14	200	130	D-07272
16	200	130	D-07288
18	200	130	D-07294
20	200	130	D-07303
22	200	130	D-07319
24	200	130	D-07325
6	250	180	D-07331
8	250	180	D-07347
10	250	180	D-07353
12	250	180	D-07369
13	250	180	D-53475
14	250	180	D-07375
15	250	180	D-53481
16	250	180	D-07381
18	250	180	D-07397
20	250	180	D-07406
22	250	180	D-07412
24	250	180	D-07428
8	400	330	D-07434
10	400	330	D-07440
12	400	330	D-07456
14	400	330	D-07462
16	400	330	D-07478
18	400	330	D-07484
20	400	330	D-07490
22	400	330	D-07509
24	400	330	D-07515
26	400	330	D-07521
28	400	330	D-07537
30	400	330	D-07543
8	450	380	D-07559
10	450	380	D-07565
12	450	380	D-07571
13	450	380	D-53497
14	450	380	D-07587
15	450	380	D-53506
16	450	380	D-07593

Accessories

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Region A
			Part No.
18	450	380	D-07602
20	450	380	D-07618
22	450	380	D-07624
24	450	380	D-07630
26	450	380	D-07646
28	450	380	D-07652
30	450	380	D-07668

Size: inch

Bit diameter	Overall length	Working length	Region C
			Part No.
1/4"	8"	5-1/8"	D-23313
5/16"	8"	5-1/8"	D-23329
3/8"	8"	5-1/8"	D-23335
1/2"	8"	5-1/8"	D-23341
9/16"	8"	5-1/8"	D-23357
5/8"	8"	5-1/8"	D-23363
11/16"	8"	5-1/8"	D-23379
3/4"	8"	5-1/8"	D-23385
7/8"	8"	5-1/8"	D-23391
15/16"	8"	5-1/8"	D-23400
1/4"	10"	7"	D-23416
5/16"	10"	7"	D-23422
3/8"	10"	7"	D-23438
1/2"	10"	7"	D-23444
9/16"	10"	7"	D-23450
5/8"	10"	7"	D-23466
11/16"	10"	7"	D-23472
3/4"	10"	7"	D-23488
7/8"	10"	7"	D-23494
15/16"	10"	7"	D-23503
5/16"	16"	13"	D-23519
3/8"	16"	13"	D-23525
1/2"	16"	13"	D-23531
9/16"	16"	13"	D-23547
5/8"	16"	13"	D-23553
11/16"	16"	13"	D-23569
3/4"	16"	13"	D-23575
7/8"	16"	13"	D-23581
15/16"	16"	13"	D-23597
1"	16"	13"	D-23606
1-1/8"	16"	13"	D-23612
1-1/4"	16"	13"	D-23628
5/16"	18"	15"	D-23634
3/8"	18"	15"	D-23640
1/2"	18"	15"	D-23656
9/16"	18"	15"	D-23662
5/8"	18"	15"	D-23678
11/16"	18"	15"	D-23684
3/4"	18"	15"	D-23690

Bit diameter	Overall length	Working length	Region C
			Part No.
7/8"	18"	15"	D-23709
15/16"	18"	15"	D-23715
1"	18"	15"	D-23721
1-1/8"	18"	15"	D-23737
1-1/4"	18"	15"	D-23743

Ship Auger bit with 7/16"Hex. Shank

These items are available on request. Contact us for the minimum order quantity.

*5/16"Hex. Shank

Nail cutting type







Bit diameter (mm)	Overall length (mm)	Working length (mm)	Region A
			Part No.
10	165	90	*D-36055
12	165	90	*D-36061
14	165	90	D-36077
16	165	90	D-36083
18	165	90	D-36099
20	165	90	D-36108
22	165	90	D-36114
24	165	90	D-36120
26	165	90	D-36136
28	165	90	D-36142
30	165	90	D-36158
32	165	90	D-36164
35	165	90	D-36170
38	165	90	D-36186
10	470	380	D-36192
12	470	380	D-36201
14	470	380	D-36217
16	470	380	D-36223
18	470	380	D-36239
20	470	380	D-36245
22	470	380	D-36251
24	470	380	D-36267
26	470	380	D-36273
28	470	380	D-36289
30	470	380	D-36295
32	470	380	D-36304
35	470	380	D-36310
38	470	380	D-36326

Accessories

Nail cutting type Size: inch

Bit diameter	Overall length	Working length	Region C
			Part No.
3/8"	6"	3-1/2"	*D-35673
7/16"	6"	3-1/2"	*D-35689
1/2"	6"	3-1/2"	*D-35695
9/16"	6"	3-1/2"	D-35704
5/8"	6"	3-1/2"	D-35710
11/16"	6"	3-1/2"	D-35726
3/4"	6"	3-1/2"	D-35732
13/16"	6"	3-1/2"	D-35748
7/8"	6"	3-1/2"	D-35754
15/16"	6"	3-1/2"	D-35760
1"	6"	3-1/2"	D-35776
1-1/16"	6"	3-1/2"	D-35782
1-1/8"	6"	3-1/2"	D-35798
1-1/4"	6"	3-1/2"	D-35807
1-3/8"	6"	3-1/2"	D-35813
1-1/2"	6"	3-1/2"	D-35829
3/8"	18"	15"	D-35835
7/16"	18"	15"	D-35841
1/2"	18"	15"	D-35857
9/16"	18"	15"	D-35863
5/8"	18"	15"	D-35879
11/16"	18"	15"	D-35885
3/4"	18"	15"	D-35891
13/16"	18"	15"	D-35900
7/8"	18"	15"	D-35916
15/16"	18"	15"	D-35922
1"	18"	15"	D-35938
1-1/16"	18"	15"	D-35944
1-1/8"	18"	15"	D-35950
1-1/4"	18"	15"	D-35966
1-3/8"	18"	15"	D-35972
1-1/2"	18"	15"	D-35988

Auger bit with 1/4" Hex. shank

These items are available on request. Contact us for the minimum order quantity.





Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank Type	Per pkg.	Region A
					Part No.
6	200	130	MZ	1	D-15992
8	200	130	MZ	1	D-16003
10	200	130	MZ	1	D-16019
12	200	130	MZ	1	D-16025
14	200	130	MZ	1	D-16031
16	200	130	MZ	1	D-16047
18	200	130	MZ	1	D-16053
20	200	130	MZ	1	D-16069
21	200	130	MZ	1	D-16075

Type NZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank Type	Per pkg.	Region A
					Part No.
6	200	130	NZ	1	D-31326
8	200	130	NZ	1	D-31332
10	200	130	NZ	1	D-31348
12	200	130	NZ	1	D-31354
14	200	130	NZ	1	D-31360
16	200	130	NZ	1	D-31376
18	200	130	NZ	1	D-31382
20	200	130	NZ	1	D-31398
21	200	130	NZ	1	D-31407

Self Feeding bit with 7/16" Hex. Shank

These items are available on request. Contact us for the minimum order quantity.







Bit diameter	Region C
	Part No.
1"(25mm)	D-29935
1-1/8"(28mm)	D-29957
1-1/4"(32mm)	D-29963
1-3/8"(35mm)	D-29979
1-1/2"(38mm)	D-29985
1-3/4"(45mm)	D-29991
2"(51mm)	D-30003
2-1/8"(54mm)	D-30019
2-1/4"(57mm)	D-30025
2-9/16"(65mm)	D-30031
3"(76mm)	D-30047

Screw point



Size	Pc. per pkg.	Region C
		Part No.
for Bit diameter: 1"- 2-9/16"		
1-1/4" x 2"	10	D-30156
for Bit diameter: 3"		
3/8" x 2"-3/4"	10	D-30162

Accessories

Extension bar



Size	Pc. per pkg.	Region C
		Part No.
5-1/2"(140mm)	1	D-35645
12"(305mm)	1	D-35651
18"(457mm)	1	D-35639

7 pc. Self Feeding bit set.

Bit diameter (1pc.each)

1"(25mm), 1-1/4"(32mm), 1-1/2"(38mm)

2"(51mm), 2-9/16"(65mm), 3"(76mm)

Extension bar 5-1/2"(140mm)(1each)

Screw point 1-1/4" x 2"(3 pcs.)

Screw point 3/8" x 2"-3/4"(1pc.)

Hex wrench (2 pcs.)

Replacement screw (2 pcs.)



Region A	Region C
Part No.	Part No.
D-36005	D-35667

Forstner bit

These items are available on request. Contact us for the minimum order quantity.





Bit diameter	Region A	Region B
	Part No.	Part No.
10	D-41844	D-41816
15	D-41925	D-41919
20	D-42232	D-41931
25	D-42248	D-41947
26	D-42254	D-41953
30	D-42260	D-41969
32	D-42276	D-41975
35	D-42282	D-41981
40	D-42298	D-41997
50	D-42307	D-42008

Size: inch

Bit diameter	Region C
	Part No.
1/4"	D-50588
3/8"	D-50594
1/2"	D-50603
5/8"	D-50619
3/4"	D-50625
7/8"	D-50631
1"	D-50647
1-1/8"	D-50653
1-1/4"	D-50669
1-3/8"	D-50675
1-1/2"	D-50681
1-5/8"	D-50697
1-3/4"	D-50706
1-7/8"	D-50712
2"	D-50728
2-1/8"	D-50734

Forstner bit 5pc./set with wooden case

These items are available on request. Contact us for the minimum order quantity.

Bit diameter

15mm, 20mm, 25mm, 30mm, 35mm



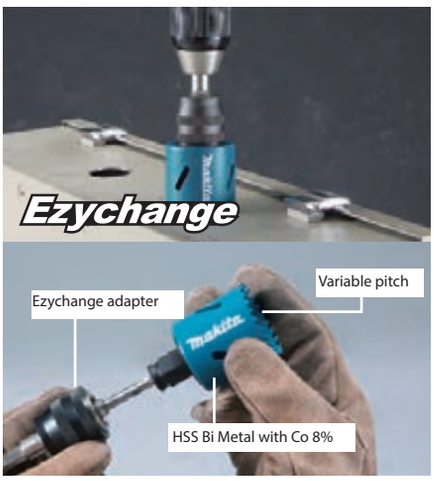


Region A	Region B
Part No.	Part No.
D-47363	D-47357

Accessories

Holesaw

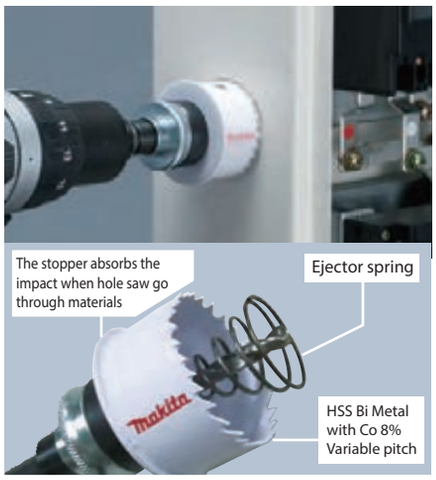
Ezychange BiM Holesaw



BiM Holesaw



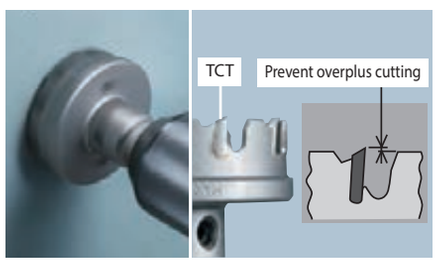
BiM Holesaw for sheet metal



Multi purpose TCT Holesaw



TCT Holesaw



TCT grit Hole saw



Material chart

AA : Recommended A : Acceptable

Application	Steel	Inox Stainless	Alumi-num	Non ferrous Metal	Wood	MDF	PLASTER BOARD	PVC	FRP	SOFT TILE	Brick	Lime stone
Ezy BiM	AA	A	AA	AA	A			AA				
BiM	AA		A	A	AA			AA				
BiM for sheet metal	AA	AA	A	A								
Multi purpose TCT					AA	AA	AA	AA	AA	A	A	AA
TCT	AA	AA	A	A				AA	AA			
TCT grit									AA	AA		

Accessories

Ezychange BiM Holesaw

Tool-less change of pilot drill and holesaw (dia.14-152mm) in the Ezychange adaptor.

These items are available on request. Contact us for the minimum order quantity.



Ezychange

Size(mm)	Region B	Size(mm)	Region B
	Part No.		Part No.
16	B-11265	56	B-31756
17	B-31706	57	B-11411
19	B-11271	60	B-11427
20	B-11287	64	B-11433
22	B-11293	65	B-16760
24	B-11302	68	B-11449
25	B-11318	70	B-11455
27	B-31712	73	B-31762
29	B-11324	76	B-11461
30	B-11330	79	B-31778
32	B-11346	83	B-11477
35	B-11352	86	B-31784
37	B-31728	92	B-11483
38	B-11368	95	B-31790
40	B-16754	102	B-11499
41	B-11374	105	B-11508
44	B-11380	111	B-31809
46	B-31734	114	B-31815
48	B-11396	121	B-31821
51	B-11405	127	B-11514
52	B-31740	140	B-31837
54	B-18194	152	B-11520

for Ezychange BiM Holesaw

Pilot drill



Adapter



Description	Region B
	Part No.
Ezychange Adapter + HSS-G Pilot Drill Bit	B-11536
HSS-G Pilot Drill Bit	B-11542
Ezychange Transition Adapter for 14-30mm x 3, for 32-152mm x 3	B-16271
Ezychange SDS plus Adapter without Pilot Drill	B-31902

Ezychange BiM Holesaw assortment





Ezychange

Description	Region B
	Part No.
19,22,29,38,44,57mm, Ezychange adapter, HSS-G pilot drill bit	B-11966
16,20,25,32,40,51mm, Ezychange adapter, HSS-G pilot drill bit	B-11972
20,25,32,40,51,65mm, Ezychange adapter, HSS-G pilot drill bit	B-11988
25,32,40,51,65,68,76mm, Ezychange adapter, HSS-G pilot drill bit x2	B-18188

Accessories

BiM hole saw

Hole saws have 4/6 variable pitch tooth design and are recommended for cutting, steel plates, aluminium, copper, brass, wood and plastic.



These items are available on request. Contact us for the minimum order quantity.

Size(mm)	Region A	Size(mm)	Region A
	Part No.		Part No.
14	D-35368	57	D-17099
16	D-16994	59	D-35499
17	D-35374	60	D-25688
19	D-17005	64	D-30140
20	D-17251	65	D-24882
21	D-35380	67	D-35508
22	D-17011	68	D-17108
24	D-17027	70	D-25694
25	D-17033	73	D-35514
27	D-35396	76	D-17114
29	D-17267	79	D-35520
30	D-35405	80	D-33869
32	D-17049	83	D-17120
33	D-35411	86	D-35536
35	D-17055	89	D-35542
37	D-35427	92	D-17136
38	D-17061	95	D-35558
40	D-17273	98	D-35564
41	D-35433	102	D-35570
43	D-35449	105	D-17142
44	D-17077	108	D-35586
46	D-35455	111	D-35592
48	D-35461	114	D-35601
51	D-17083	121	D-35617
52	D-35477	127	D-17158
54	D-24876	140	D-35623
56	D-35483	152	D-17164

Size: inch

Size	Region C	Size	Region C
	Part No.		Part No.
5/8"	D-21618	2-1/4"	D-21749
3/4"	D-21624	2-1/2"	D-24913
25/32"	D-21630	2-9/16"	D-24929
7/8"	D-21646	2-11/16"	D-21755
15/16"	D-21652	2-3/4"	D-24935
1"	D-21668	3"	D-21761
1-1/8"	D-21674	3-1/4"	D-21777
1-1/4"	D-21680	3-1/2"	D-24941
1-3/8"	D-21696	3-5/8"	D-21783
1-1/2"	D-21705	4"	D-24957
1-9/16"	D-21711	4-1/8"	D-21799
1-3/4"	D-21727	5"	D-21808
2"	D-21733	6"	D-21814
2-1/8"	D-24907		

Accessories for BiM hole saw

These items are available on request.

Contact us for the minimum order quantity

Pilot drill



Adapter



Application	Fits hole saws	Region A	Region C
		Part No.	Part No.
Adapter with Pilot Drill			
For 10mm Drill	14 - 29mm	D-17170	-
For 13mm Drill	32 - 152mm	D-17186	-
For SDS-Plus Hammer	14 - 29mm	D-17603	-
For SDS-Plus Hammer	32 - 76mm	D-17619	-
For 3/8inch Drill	9/16" - 1-1/8"	-	D-21820
For 7/16inch Drill	1-1/4" - 6"	-	D-21836
For SDS-Plus Hammer	9/16" - 1-1/8"	-	D-21842
For SDS-Plus Hammer	1-1/4" - 3"	-	D-21858
Pilot drill			
Length 71mm	All	D-17192	-
Length 2-3/4 inch	All	-	D-21864

Accessories

BiM Hole saw assortment

Most six common sizes for Plumber & Electrician.

These items are available on request.

Contact us for the minimum order quantity

A: 11mm (*7/16") Adapter

with Pilot Drill

B: 9.5mm (*3/8")

Adapter with Pilot Drill

C: Ejector spring



Included Hole saws (1 each)	Region A
	Part No.
19,22,29,38,44,57mm,adapter A, adapter B, ejecter spring	D-47117
16,20,25,32,40,51mm,adapter A, adapter B, ejecter spring	D-47123
20,25,32,40,51,65mm,adapter A, adapter B, ejecter spring	D-47139

Size: inch

Included Hole saws (1 each)	Region C
	Part No.
3/4",7/8",1-1/8",1-1/2", 1-3/4",2-1/4", adapter A, adapter B, ejecter spring	D-21870
5/8",25/32",1", 1-1/4",1-9/16",2", adapter A, adapter B, ejecter spring	D-21886
BiM Holesaw & Flat Bit Set for Door Knob (BiM 2-1/8inch, Adapter with pilot drill, Flat 1 inchx6 inch)	D-34350





Included Hole saws (1 each)	Region A
	Part No.
19,22,29,35,38,51,54,57,68mm, adapter A, adapter B, ejecter spring	D-47282
19,22,25,29,35,38, 44,51,57,68,75mm, adapter A, adapter B, ejecter spring	D-47298
16,19,22,25,32,35,37,44,51,57,64,68,76mm, adapter A, adapter B, ejecter spring	D-47307
19,22,25,29,35,38, 44,51,57,65,75mm, adapter A, adapter B, ejecter spring	D-50572

BiM hole saw for sheet metal

These items are available on request. Contact us for the minimum order quantity.



Use with Adapter with HSS pilot dril

Size(mm)	Region A	Size(mm)	Region A
	Part No.		Part No.
16	B-29670	51	B-29854
17	B-29686	54	B-29860
19	B-29692	57	B-29876
20	B-29701	60	B-29882
21	B-29717	64	B-29898
22	B-29723	65	B-35994
25	B-29739	67	B-36005
27	B-29745	68	B-36011
29	B-29751	70	B-36027
30	B-29767	73	B-36033
32	B-29773	76	B-36049
33	B-29789	79	B-36055
35	B-29795	83	B-36061
38	B-29804	86	B-36077
40	B-29810	89	B-36083
41	B-29826	102	B-36099
44	B-29832	127	B-36108
48	B-29848	152	B-36114

Accessories for BiM hole saw for sheet metal

Adapter with HSS pilot dril



Pilot dril

Application	Fits hole saws	Region A
		Part No.
Adapter with Pilot Drill		
For 10mm Drill	16 - 35mm	B-36120
For 13mm Drill	38 - 152mm	B-36136
Pilot drill		
Length 60mm	All	B-36142

BiM Hole saw for sheet metal assortment



Included Hole saws (1 each)	Region A
	Part No.
20,25,32,38,51,64mm Holesaw 9.5/11mm adaptors with drill 1pcs. Of pilot drill	B-38679
19,22,29,38,44,57mm Holesaws 9.5/11mm adaptors with drill 1pcs. Of pilot drill	B-38663

Accessories

Multi purpose TCT Hole saw



Use with Adapter with Pilot Drill

Bit dia(mm)	Region A	Bit dia(mm)	Region A
	Part No.		Part No.
19	D-42678	60	D-42830
22	D-42684	64	D-42846
25	D-42690	65	D-42852
29	D-42709	67	D-42868
30	D-42715	68	D-42874
32	D-42721	70	D-42880
35	D-42737	73	D-45026
38	D-42743	76	D-45032
40	D-42759	79	D-45048
45	D-42765	80	D-45331
48	D-42771	83	D-45347
50	D-42787	85	D-45353
51	D-42793	89	D-45369
54	D-42802	95	D-50304
55	D-42818	102	D-50310
57	D-42824	105	D-50326

Size: inch

Bit dia	Region C	Bit dia(mm)	Region C
	Part No.		Part No.
3/4"	D-51764	2-3/8"	D-51926
7/8"	D-51770	2-1/2"	D-51932
1"	D-51786	2-9/16"	D-51948
1-1/8"	D-51792	2-5/8"	D-51954
1-3/16"	D-51801	2-11/16"	D-51960
1-1/4"	D-51817	2-3/4"	D-51976
1-1/8"	D-51823	2-7/8"	D-51982
1-1/2"	D-51839	3"	D-51998
1-9/16"	D-51845	3-1/8"	D-52009
1-25/32"	D-51851	3-5/32"	D-52015
1-7/8"	D-51867	3-1/4"	D-52021
1-31/32"	D-51873	3-11/32"	D-52037
2"	D-51889	3-1/2"	D-52043
2-1/8"	D-51895	3-3/4"	D-52059
2-11/64"	D-51904	4"	D-52065
2-1/4"	D-51910	4-1/8"	D-52071

Accessories for Multi purpose TCT hole saw

These items are available on request.

Contact us for the minimum order quantity

for 13mm drill



for SDS plus Hummer



Application	Type of pilot drill	Fits hole saws	Region A
			Part No.
Adapter with Pilot Drill			
for 13mm drill	TCT	22-105mm	D-50332
for SDS plus Hummer	TCT	22-32mm	D-50348
for 13mm drill	TCT	19mm	D-50354
for SDS plus Hummer	TCT	19mm	D-50360
for 13mm drill	HSS	22-105mm	D-50376
for SDS plus Hummer	HSS	22-32mm	D-50382
for 13mm drill	HSS	19mm	D-50398
for SDS plus Hummer	HSS	19mm	D-50407
Pilot drill			
HSS pilot drill φ8mmx100mm	HSS	22-105mm	D-50413
TCT pilot drill φ10x100mm	TCT	22-105mm	D-50429
HSS pilot drill φ6.35x90mm	HSS	19mm	D-50435
TCT pilot drill φ8x90mm	TCT	19mm	D-50441

Size: inch

Application	Type of pilot drill	Fits hole saws	Region C
			Part No.
Adapter with Pilot Drill			
for 13mm drill	TCT	7/8" – 4-1/8"	D-52087
for SDS plus Hummer	TCT	7/8" – 1-1/4"	D-52093
for 13mm drill	TCT	3/4"	D-52102
for SDS plus Hummer	TCT	3/4"	D-52118
for 13mm drill	HSS	7/8" – 4-1/8"	D-52124
for SDS plus Hummer	HSS	7/8" – 1-1/4"	D-52130
for 13mm drill	HSS	3/4"	D-52146
for SDS plus Hummer	HSS	3/4"	D-52152
Pilot drill			
HSS pilot drill φ8mmx100mm	HSS	7/8" – 4-1/8"	D-52168
TCT pilot drill φ10x100mm	TCT	7/8" – 4-1/8"	D-52174
HSS pilot drill φ6.35x90mm	HSS	3/4"	D-52180
TCT pilot drill φ8x90mm	TCT	3/4"	D-52196

Accessories

TCT Hole saw assortment

These items are available on request.

Contact us for the minimum order quantity





Included Hole saws (1 each)	Region A
	Part No.
22,25,29,35,38,45,51mm, Adapter : 11mm(7/16")hex, T.C.T pilot drill, HSS pilot drill	D-51281
22,35,51,57,64,76mm, Adapter : 11mm(7/16")hex, T.C.T pilot drill, HSS pilot drill	D-51297

Tungsten carbide grit Hole saw



Use with Adapter with Pilot Drill

Bit dia(mm)	Region A	Region C
	Part No.	Part No.
33mm (1-5/16")	D-51188	D-52205
43mm (1-11/16")	D-51194	D-52211
53mm (2-3/32")	D-51203	D-52227
63mm (2-1/2")	D-51219	D-52233
67mm (2-5/8")	D-51225	D-52249
73mm (2-7/8")	D-51231	D-52255
83mm (3-1/4")	D-51247	D-52261

Accessories for Tungsten carbide grit hole saw

Adapter with TCT pilot dril





TCT Pilot dril

Application	Fits hole saws	Region A	Region C
		Part No.	Part No.
Adapter with Pilot Drill	All	D-51253	D-52277
Pilot drill	All	D-51269	D-52283

TCT Hole saw & Center drill

High quality carbide tips brazed on to the cutting edge enable high speed drilling of material up to 4mm in thickness with no coolant required.

Carbide tips are random-spaced to reduce chattering noise.

Not for percussion / hammering applications.



Hole saw

Bit dia(mm)	Shank dia. (mm)	Region A
		Part No.
16	6	B-00898
18	6	B-00907
20	6	B-00913
21	6	B-00929
22	6	B-00935
25	10	B-00941
27	10	B-00957
28	10	B-00963
30	10	B-00979
32	10	B-00985
35	10	B-00991
38	10	B-01002
40	10	B-01018
45	10	B-01024
48	10	B-01030
50	10	B-01046
55	10	B-01052
60	13	B-01068
65	13	B-01074
68	13	B-02652
70	13	B-01080
75	13	B-01096
80	13	B-01105
85	13	B-01111
90	13	B-01127
95	13	B-01133
100	13	B-01149
110	13	B-01155
120	13	B-01161



Center drill

Application	bit dia(mm)	Region A
		Part No.
steel, etc.	16-55	B-01177
steel etc.	60-120	B-01183
FRP, resin, etc	16-55	B-01199
FRP, resin, etc	60-120	B-01208

ACCESSORIES

Drilling (Masonry)



- Fast cut
- For SDS-MAX Hammers
- For SDS-plus Hammers
- 13 mm hex shank
- B(Spline) shank
- 17 mm hex shank
- 21mm hex shank
- 21mm hex shank
- 28.6mm hex shank (1-1/8" hex shank)
- 30mm hex shank
- Makita Small Shank

Accessories

For Straight shank

Straight shank Tungsten carbide-tipped bit

(Masonry drill bit)





These items are available on request.

Contact us for the minimum order quantity.

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
3	60	30	D-05228	D-05393
4	70	35	D-05234	D-05402
5.5	100	60	D-36728	D-36784
5.5	150	90	D-36734	D-36790
5	85	45	D-05240	D-05418
6	100	60	D-05256	D-05424
6	150	90	D-05262	D-05430
6.5	100	55	D-36740	D-36809
6.5	150	90	D-36756	D-36815
7	100	55	D-05278	D-05446
7	150	90	D-05284	D-05452
8	110	60	D-05290	D-05468
8	150	90	D-05309	D-05474
9	150	90	D-05315	D-05480
10	150	90	D-05321	D-05496
10	400	315	D-18960	-
11	150	90	D-05337	D-05505
12	150	90	D-05343	D-05511
12	400	315	D-17697	-
12	600	505	D-17728	-
13	150	85	D-05359	D-05527
14	150	85	D-05365	D-05533
14	400	315	D-18976	-
15	150	85	D-05371	D-05549
16	150	85	D-05387	D-05555
16	400	315	D-17706	-
16	600	505	D-17734	-
18	400	315	D-18982	-
20	400	315	D-17712	-
20	600	505	D-17740	-

Masonry Drill Bit 5pc. Assortment

*5 different sizes





Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
4	70	35	*D-05175	D-03894
5	85	45		
6, 8, 10	100	60		
5	85	45	*D-36762	D-36821
5.5,6.5	100	60		
8,10	150	90		
7	100	55	D-16508	-
8	110	60	D-16514	-
5, 6, 7, 8, 10	110	60	*D-20719	-

Inch Size

Bit Dia.	Length	Working length	Region C
			Part No.
1/8"	3"	1-3/4"	D-24309
5/32"	6"	3-9/16"	D-24315
3/16"	3-1/2"	2"	D-24321
3/16"	6"	3-9/16"	D-24337
7/32"	6"	3-9/16"	D-24343
1/4"	4"	2-3/8"	D-24359
1/4"	6"	3-9/16"	D-24365
1/4"	12"	8-7/8"	D-24371
5/16"	6"	3-9/16"	D-24387
5/16"	12"	8-7/8"	D-24393
3/8"	6"	3-9/16"	D-24402
3/8"	12"	8-7/8"	D-24418
7/16"	6"	3-9/16"	D-24424
1/2"	6"	3-3/8"	D-24430
1/2"	12"	8-7/8"	D-24446
5/8"	6"	3-3/8"	D-24452
5/8"	12"	8-7/8"	D-24468
3/4"	12"	8-7/8"	D-24480
1"	12"	8-7/8"	D-24496

Accessories

Masonry Drill Bit 5pc. Assortment



*5 different sizes

Inch Size

Bit Dia.	Length	Working length	Region C
			Part No.
3/16"	3-1/2"	2"	*D-36033
1/4",5/16" 3/8",1/2"	6"	3-9/16"	
1/4"	6"	3-9/16"	D-36027

Masonry Drill Bit 20pc. Assortment

Inch Size

Bit Dia.	Length	Working length	Region C
			Part No.
1/4"	6"	3-9/16"	D-24365-20
3/8"	6"	3-9/16"	D-24402-20
1/2"	6"	3-3/8"	D-24430-20

Masonry bit with 1/4" Hex. shank

These items are available on request. Contact us for the minimum order quantity.



1/4"Hex (MZ)

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank Type	Per pkg.	Region A
					Part No.
3	80	35	MZ	1	D-23771
4	80	35	MZ	1	D-23787
5	90	45	MZ	1	D-23793
6	100	55	MZ	1	D-23802
8	100	55	MZ	1	D-23818

1/4"Hex (NZ)

3	80	35	NZ	1	D-31463
4	80	35	NZ	1	D-31479
5	90	45	NZ	1	D-31485
6	100	55	NZ	1	D-31491
8	100	55	NZ	1	D-31500

Size: inch

1/4"Hex (MZ)

Bit diameter	Overall length	Working length (mm)	Shank Type	Per pkg.	Region C
					Part No.
1/8"	3"	1-11/64"	MZ	1	D-24038
3/16"	3-11/32"	1-9/16"	MZ	1	D-24044
1/4"	4"	2-5/32"	MZ	1	D-24050

Straight shank Tungsten carbide-tipped bit

These items are available on request. Contact us for the minimum order quantity.



Bit Dia. (mm)	Overall length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
3	60	30	D-40727	D-41056
3.5	75	40	D-40733	D-41062
4	75	40	D-40749	D-41078
4.5	85	50	D-40755	D-41084
5	85	50	D-40761	D-41090
5	150	90	D-40777	D-41109
5.5	85	50	D-40783	D-41115
5.5	150	90	D-40799	D-41121
6	100	60	D-40808	D-41137
6	150	90	D-40814	D-41143
6	200	130	D-40820	D-41159
6	400	300	D-40836	D-41165
6.5	100	60	D-40842	D-41171
6.5	150	90	D-40858	D-41187
6.5	400	300	D-40864	D-41193
7	100	60	D-40870	D-41202
7	150	90	D-40886	D-41218
7	400	300	D-40892	D-41224
8	120	80	D-40901	D-41230
8	150	90	D-40917	D-41246
8	200	130	D-40923	D-41252
8	400	300	D-40939	D-41268
9	120	80	D-40945	D-41274
10	120	80	D-40951	D-41280
10	150	90	D-40967	D-41296
10	200	130	D-40973	D-41305
10	400	300	D-40989	D-41311
11	150	90	D-40995	D-41327
12	150	90	D-41006	D-41333
12	200	130	D-41012	D-41349
12	400	300	D-41028	D-41355

Accessories

Masonry Drill Bit 3pc. Assortment

*3 different sizes



Bit Dia. (mm)	Overall length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
5	85	50	D-41034	D-41361
6	100	60		
8	120	80		

Masonry Drill Bit 5pc. Assortment

*5 different sizes



Bit Dia. (mm)	Overall length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
4	75	40	D-41040	D-41377
5	85	50		
6	100	60		
8	120	80		
10	120	80		

Masonry Drill Bit 8pc. Assortment

*8 different sizes



Bit Dia. (mm)	Overall length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
3	60	30	D-41791	D-41822
4	75	40		
5	85	50		
6	100	60		
7	100	60		
8	120	80		
9	120	80		
10	120	80		

Omnibohrer

These items are available on request. Contact us for the minimum order quantity.





Percussion sharpened high resistance carbide tip with reinforced head.

Can drill multiplicity of materials without changing drill bit

(ideal for doors, shelves, window frames etc).

Use with rotary or percussion drills. Without percussion use on vitrified brick, wood, brick. With percussion use on , block, stone, plaster most grades of concrete.



Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
3	60	26	D-30287	D-35053
4	70	36	D-30293	D-35069
5	85	41	D-30302	D-35075
5.5	85	41	D-31027	D-35081
5.5	100	56	D-31033	D-35097
5.5	150	101	D-31049	D-35106
6	100	56	D-30318	D-35112
6	150	101	D-30324	D-35128
6.5	85	41	D-31055	D-35134
6.5	100	56	D-31061	D-35140
6.5	150	101	D-31077	D-35156
7	100	51	D-30330	D-35162
7	150	101	D-30346	D-35178
8	110	55	D-30352	D-35184
8	150	95	D-30368	D-35190
9	150	95	D-30374	D-35209
10	150	95	D-30380	D-35215
10	400	298	D-30396	D-35221
11	150	91	D-30405	D-35237
12	150	91	D-30411	D-35243
12	400	298	D-30427	D-35259
12	600	498	D-30433	D-35265
13	150	83	D-30449	D-35271
14	150	83	D-30455	D-35287
14	400	298	D-30461	D-35293

Accessories

Omnibohrer Assortment 5pc./ sets



Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
5	85	41	D-30477	-
6	100	56		
8	110	55		
10	150	95		
12	150	91		
4	70	36	D-36712	D-36778
5	85	41		
6	100	56		
8	150	95		
10	150	95		

Omnibohrer



Inch Size

Bit Dia.	Length	Working length	Region C
			Part No.
1/8"	3"	1-3/8"	D-36859
5/32"	3-1/8"	1-5/8"	D-36865
5/32"	6"	4-3/16"	D-36871
3/16"	3-1/2"	1-3/4"	D-36887
3/16"	6"	4-3/8"	D-36893
1/4"	4"	2-3/16"	D-36902
1/4"	6"	4-3/8"	D-36918
5/16"	4-3/4"	2-7/16"	D-36924
5/16"	6"	4-3/16"	D-36930
3/8"	6"	4-3/16"	D-36946
1/2"	6"	3-5/8"	D-36952

Omnibohrer Assortment 5pc./ sets

Inch Size



Bit Dia.	Length	Working length	Region C
			Part No.
1/8"	3"	1-3/8"	D-37100
3/16"	3-1/2"	1-3/4"	
1/4"	4"	2-3/16"	
5/16"	6"	4-3/16"	
3/8"	6"	4-3/16"	
3/16"	3-1/2"	1-3/4"	D-37029
1/4"	6"	4-3/8"	
5/16"	6"	4-3/16"	
3/8"	6"	4-3/16"	
1/2"	6"	3-5/8"	

Glass bit

These items are available on request.

Contact us for the minimum order quantity.





Bit diameter (mm)	Overall length (mm)	Shank Type	Per pkg.	Region A
				Part No.
3	65	Straight	1	D-25111
4	65	Straight	1	D-25127
5	65	Straight	1	D-25133
6	65	Straight	1	D-25149
8	70	Straight	1	D-25155
10	80	Straight	1	D-25161
12	80	Straight	1	D-25177

Size: inch

Bit diameter	Overall length	Shank Type	Per pkg.	Region C
				Part No.
1/8"	2-1/2"	Straight	1	D-25183
3/16"	2-1/2"	Straight	1	D-25199
1/4"	3"	Straight	1	D-25208
5/16"	3"	Straight	1	D-25214
3/8"	3-1/8"	Straight	1	D-25220
1/2"	3-1/8"	Straight	1	D-25236

1/4" Hex. shank



1/4"Hex (MZ)

Bit diameter (mm)	Overall length (mm)	Shank Type	Per pkg.	Region A
				Part No.
4	65	MZ	1	D-15942
5	65	MZ	1	D-15958
6	65	MZ	1	D-15964
8	70	MZ	1	D-15970
10	80	MZ	1	D-15986

1/4"Hex (MZ)

4	65	NZ	1	D-31413
5	65	NZ	1	D-31429
6	65	NZ	1	D-31435
8	70	NZ	1	D-31441
10	80	NZ	1	D-31457

Accessories

NEMESIS

Resolves Problems

Drilling into reinforced concrete is no longer a hit and miss application, reinforcing bar being no obstacles for the Nemesis drill. Also, perfect for use in the hardest of natural stone.

Drills more precisely

Its unique symmetrical head geometry ensures precision drill holes . Perfect for critical anchor fixing and where spot drilling is required.

The flute

The symmetrical four-fluted spiral ensures drilling loads are evenly distributed down the length of the drill shaft.
As a result, drilling combines low vibration with high efficiency which remains constant throughout the lifetime of the drill. High grade steel and special surface treatment ensure the Nemesis drill is resistant to bending fractures, especially important with drills over 300mm overall length. With rapid debris clearing from the drilling surface, the nemesis provides efficient drilling with low wear properties.

NEMESIS for SDS-PLUS bits



for SDS-MAX bits



Thanks to the optimum 4 x 90°symmetry , all for carbide cutting edges function evenly and do not seize up on hitting reinforcing steel.

for SDS-PLUS bits

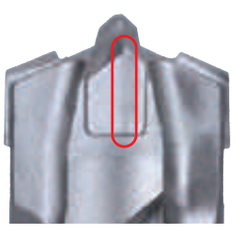


Centering tip facilitates spot drilling with pinpoint accuracy.

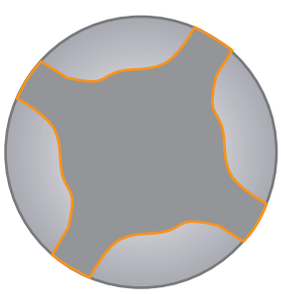
for SDS-MAX bits



Centering point with 130º point angle ensures highly accurate, precise drilling.



Wearing mark is an indicator for evaluating the dimensional stability of the anchor holes.



Four symmetrical functioning spiral ridges ensure low, uniform flute wear.



Optimized flute core strength ensures low vibration drilling performance and exceptional fracture resistance.



The high-volume flute geometry ensures the optimum removal of drilling dust.

Accessories

Tools for SDS-PLUS Hammers



For Model:

HR160D, BHR240, BHR200, DHR164, DHR165, DHR202, DHR241, DHR242. DHR243, BHR262/T, HR262D/TD, HR1830F, HR2020, HR2021, HR2022, HR2440/F, HR2441, HR2442, HR2450/F/T/FT, HR2451, HR2452, HR2453, HR2455, HR3000C, HR2230, HR2320T, HR2460/F, HR2470/F, HR2470T/FT, HR2631F/FT, HR2630/T, HR2641, HR2800, HR2810, HR2811F/T/FT, HR3200C, HR3210C/FCT

nemesis bit



*One piece solid carbide tip (5-16mm)

*No seizing up on hitting reinforcing steel.

*Ensure precision drill holes.

*Drills more precisely

*Low vibration and high fracture resistance.



Bit Dia. (mm)	Length (mm)	Working length (mm)	Region B
			Part No.
5	110	50	B-11623
5	160	100	B-11639
5	260	200	B-27252
5.5	110	50	B-11645
5.5	160	100	B-11651
6	110	50	B-11667
6	160	100	B-11673
6	210	150	B-11689
6	260	200	B-11695
6	310	250	B-11704
6.5	160	100	B-11710
6.5	210	150	B-11726
6.5	260	200	B-11732
6.5	310	250	B-11748
7	110	50	B-11754
7	160	100	B-11760
8	110	50	B-11776
8	160	100	B-11782
8	210	150	B-11798
8	260	200	B-11807
8	310	250	B-13328
8	460	400	B-13708
9	160	100	B-19869
9	260	200	B-27268
10	110	50	B-11813
10	160	100	B-11829

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region B
			Part No.
10	210	150	B-11835
10	260	200	B-11841
10	310	250	B-11857
10	450	390	B-11863
10	600	540	B-14174
10	1000	940	B-13334
11	160	100	B-20345
11	210	150	B-20351
11	260	200	B-20367
11	310	250	B-20373
12	160	110	B-11879
12	210	160	B-11885
12	260	210	B-11891
12	310	260	B-11900
12	450	400	B-11916
12	600	550	B-14180
12	1000	950	B-13340
13	160	110	B-35396
13	210	160	B-35405
13	260	210	B-35411
13	310	260	B-35427
14	160	110	B-11922
14	210	160	B-11938
14	260	210	B-12429
14	310	260	B-11944
14	450	400	B-11950
14	600	550	B-14196
14	1000	950	B-13356
15	160	110	B-14205
15	210	160	B-14211
15	260	210	B-14227
15	450	400	B-14233
16	160	110	B-13362
16	210	160	B-13378
16	260	210	B-13384
16	310	260	B-13390
16	450	400	B-13409
16	600	550	B-14249
16	1000	950	B-13415
18	250	200	B-12055
18	450	400	B-12061
20	250	200	B-12077
20	450	400	B-12083
22	250	200	B-12186
22	450	400	B-12099
24	250	200	B-12108
24	450	400	B-12114
25	250	200	B-12120
25	450	400	B-12136

Accessories

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region B
			Part No.
28	250	200	B-12142
28	450	400	B-12158
30	250	200	B-12164
30	450	400	B-12170
32	450	400	B-12192

NEMESIS

Size: Inch

Bit Dia.	Length	Working length (mm)	Region C
			Part No.
3/16"	4-1/4"	2"	B-17756
3/16"	6-1/4"	4"	B-17762
3/16"	8-1/4"	6"	B-17778
3/16"	10-1/4"	8"	B-17784
3/16"	12-1/4"	10"	B-17790
1/4 "	4-1/4"	2"	B-17809
1/4 "	6-1/4"	4"	B-17815
1/4 "	8-1/4"	6"	B-17821
1/4 "	10-1/4"	8"	B-17837
1/4 "	12-1/4"	10"	B-17843
5/16"	6-1/4"	4"	B-17859
5/16"	12-1/4"	10"	B-17865
5/16"	18-1/4"	16"	B-17871
3/8 "	6-1/4"	4"	B-17887
3/8 "	12-1/4"	10"	B-17893
3/8 "	18"	16"	B-17902
7/16"	6-1/4"	4"	B-17918
7/16"	12-1/4"	10"	B-17924
7/16"	18"	16"	B-17930
1/2 "	6-1/4"	4"	B-17946
1/2 "	12-1/4"	10"	B-17952
1/2 "	18"	16"	B-17968
9/16"	6-1/4"	4"	B-17974
9/16"	12-1/4"	10"	B-17980
9/16"	18"	16"	B-17996

SDS-PLUS V-plus





Size:mm

Bit Dia.	Length	Working length (mm)	Region B
			Part No.
4	110	50	B-47232
4	160	100	B-47248
5	110	50	B-46492
5	140	80	B-47254
5	160	100	B-46501
5	210	150	B-47260
5	260	200	B-47276
5	310	250	B-47282
5.5	110	50	B-47298
5.5	160	100	B-47307
5.5	210	150	B-47313
5.5	260	200	B-47329
5.5	310	250	B-47335
6	110	50	B-46517
6	160	100	B-46523
6	210	150	B-47341
6	260	200	B-47357
6	310	250	B-47363
6	460	400	B-47379
6.5	110	50	B-47385
6.5	160	100	B-47391
6.5	210	150	B-47400
6.5	260	200	B-47416
6.5	310	250	B-47422
7	110	50	B-47438
7	160	100	B-47444
7	210	150	B-47450
7	250	190	B-47466
8	110	50	B-46539
8	160	100	B-46545
8	210	150	B-47472
8	260	200	B-47488
8	310	250	B-47494
8	400	340	B-47503
8	460	400	B-47519
8	600	540	B-47525
9	160	100	B-47531
9	210	150	B-47547
9.5	160	100	B-47553
10	110	50	B-46551
10	160	100	B-46567
10	210	150	B-47569

Accessories

Bit Dia.	Length	Working length (mm)	Region B
			Part No.
10	260	200	B-47575
10	310	250	B-47581
10	350	290	B-47597
10	450	390	B-47606
10	600	540	B-47612
10	800	740	B-47628
10	1000	940	B-47634
11	160	110	B-47640
11	210	160	B-47656
11	260	210	B-47662
11	310	260	B-47678
12	160	110	B-46573
12	210	160	B-47684
12	260	210	B-47690
12	310	260	B-47709
12	360	310	B-47715
12	450	400	B-47721
12	600	550	B-47737
12	800	750	B-47743
12	1000	950	B-47759
13	160	110	B-47765
13	210	160	B-47771
13	260	210	B-47787
13	310	260	B-47793
14	160	110	B-46589
14	210	160	B-47802
14	260	210	B-47818
14	310	260	B-47824
14	450	400	B-47830
14	600	550	B-47846
14	1000	950	B-47852
15	160	110	B-47868
15	210	160	B-47874
15	260	210	B-47880
15	450	400	B-47896
16	160	110	B-47905
16	210	160	B-47911
16	260	210	B-47927
16	310	260	B-47933
16	450	400	B-47949
16	600	550	B-47955
16	800	750	B-47961
16	1000	950	B-47977
17	210	160	B-47983
17	450	400	B-47999
18	200	150	B-48000
18	300	250	B-48016
18	450	400	B-48022
18	600	550	B-48038
18	1000	950	B-48044
19	200	150	B-48050
19	450	400	B-48066
20	200	150	B-48072
20	300	250	B-48088
20	450	400	B-48094
20	600	550	B-48103
20	800	750	B-48119
20	1000	950	B-48125
22	250	200	B-48131
22	450	400	B-48147
22	600	550	B-48153
22	1000	950	B-48169
23	250	200	B-48175
23	450	400	B-48181
24	250	200	B-48197
24	450	400	B-48206
24	600	550	B-48212
25	250	200	B-48228
25	450	400	B-48234
25	600	550	B-48240
25	1000	950	B-48256
26	250	200	B-48262
26	450	400	B-48278

Tungsten carbide-tipped bit



These items are available on request. Contact us for the minimum order quantity.

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
3.5	90	22	D-16950	-
3.5	110	42	D-15665	D-01080
4	110	42	D-00016	D-00402
4.3	110	42	-	D-01096
5	110	42	D-00022	D-00418
5	160	92	D-00038	D-00424
5.5	110	42	D-00044	D-00430
5.5	160	92	D-16106	-
5.8	110	42	D-03268	-
6	110	42	D-00050	D-00446
6	160	92	D-00066	D-00452
6	210	140	D-00072	D-00468
6	260	185	-	D-25666
6.4	160	92	-	D-01105
6.5	110	42	D-00088	D-00474
6.5	160	92	D-00094	D-00480
6.5	210	140	D-45082	D-45054
7	110	42	D-00119	D-00505

Accessories

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
7	160	92	D-00103	D-00496
7	210	140	-	D-25600
8	110	42	D-00125	D-00511
8	160	92	D-00131	D-00527
8	210	140	D-00147	D-00533
8	260	185	D-00153	D-00549
8	460	365	-	D-29206
8.5	160	92	-	D-01111
9	110	42	D-08040	-
9	160	92	D-08056	-
9	210	140	D-00169	D-00555
9.5	160	92	D-34344	-
9.5	210	140	D-03274	-
10	110	42	D-09117	-
10	160	92	D-00175	D-00561
10	210	140	D-00181	D-00577
10	260	185	D-00197	D-00583
10	310	235	D-00206	D-00599
10	460	365	D-17538	D-29072
10.5	160	92	-	D-01127
11	160	92	D-00212	D-00608
12	160	92	D-00228	D-00614
12	210	140	D-00234	D-00620
12	260	185	D-00240	D-00636
12	350	270	D-16112	-
12	460	365	D-16271	D-29088
12.5	160	85	D-14102	D-01133
12.7	160	85	D-03280	-
12.7	350	265	D-03296	-
13	160	85	D-00256	D-00642
13	260	175	-	D-25622
13	350	265	D-16128	-
14	160	85	D-00262	D-00658
14	210	130	D-21331	-
14	260	175	D-00278	D-00664
14	350	265	D-16134	-
14	460	365	D-17544	D-29094
14.3	160	85	D-03997	-
14.5	160	85	-	D-01149
15	160	85	D-00284	D-00670
15	260	175	-	D-25638
15	350	265	D-16140	-
15	460	365	D-17550	-
16	160	85	D-03981	-
16	210	125	D-00290	D-00686
16	260	175	D-16156	-
16	310	225	D-00309	D-00692
16	350	260	D-16162	-
16	460	365	D-16287	-
17	160	80	D-16178	-
17	210	120	D-00315	D-00701
17	260	170	D-16184	-
17	350	255	D-16190	-
17.5	160	80	D-03305	-
18	160	80	D-16209	-
18	210	120	D-00321	D-00717
18	260	170	D-16215	-
18	300	210	D-00337	D-00723
18	350	255	D-16221	-
18	460	365	D-17566	-
19	210	120	D-00343	D-00739
19	350	255	D-16243	-
19	460	365	D-16293	-
20	210	120	D-00359	D-00745
20	260	170	D-16259	-
20	310	220	D-00365	D-00751
20	350	255	D-16265	-
20	460	365	D-15235	D-16900
22	260	170	D-00371	D-00767
22	310	220	D-08062	-
22	460	365	D-15241	D-16916
24	260	170	-	D-25644
24	460	365	D-16302	-
25	260	170	D-00387	D-00773
25	310	220	D-08517	-
25	350	255	D-03311	-
25	460	365	D-15257	D-16922
26	260	170	D-00393	D-00789
26	310	220	D-08078	-
26	460	365	D-15263	-
28	460	365	D-16318	-
30	460	365	D-17572	-

25 pc. Bulk (1 size) package

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A
			Part No.
5	110	42	D-01155-25
6	110	42	D-01161-25
6	160	92	D-01177-25
8	160	92	D-01183-25
8	210	140	D-01199-25
8	260	185	D-06161-25
10	160	92	D-01208-25
10	210	140	D-03707-25
12	160	92	D-03713-25
12	210	140	D-03729-25
5.5	110	42	D-03763-25
5.5	160	92	D-03779-25

Accessories

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A
			Part No.
6.5	110	42	D-03785-25
6.5	160	92	D-03791-25
7	110	42	D-03800-25
7	160	92	D-03816-25

Size: Inch

Bit Dia.	Length	Working length	Region C
			Part No.
5/32"	4-1/2"	1-5/8"	D-00804
5/32"	6-1/4"	3-5/8"	D-00810
3/16"	4-1/2"	1-5/8"	D-00826
3/16"	6-1/4"	3-5/8"	D-00832
3/16"	8-1/4"	5-1/2"	D-00848
7/32"	6-1/4"	3-5/8"	D-00854
1/4"	4-1/2"	1-5/8"	D-00860
1/4"	6-1/4"	3-5/8"	D-00876
1/4"	8-1/4"	5-1/2"	D-00882
1/4"	11"	8-1/16"	D-00898
5/16"	6-1/4"	3-5/8"	D-00907
5/16"	12"	9-1/16"	D-00913
3/8"	6-1/4"	3-5/8"	D-00929
3/8"	12-1/4"	9-1/4"	D-00935
7/16"	6-1/4"	3-5/8"	D-00941
7/16"	12-1/2"	9-1/4"	D-00957
1/2"	6-1/4"	3-3/8"	D-00963
1/2"	12-1/4"	8-7/8"	D-00979
9/16"	6-1/2"	3-3/8"	D-00985
9/16"	12-1/2"	8-7/8"	D-00991
5/8"	8"	4-1/2"	D-01002
5/8"	12"	8-5/8"	D-01018
11/16"	8"	4-5/16"	D-01024
3/4"	8"	4-5/16"	D-01030
3/4"	12"	8-7/16"	D-01046
7/8"	8"	4-5/16"	D-01052
7/8"	12"	8-7/16"	D-01068
1"	10"	6-1/2"	D-01074

25 pc. Bulk (1 size) package

Size: Inch

Bit Dia.	Length	Working length	Region C
			Part No.
5/32"	4-1/2"	1-5/8"	D-00804-25
5/32"	6-1/4"	3-5/8"	D-00810-25
3/16"	4-1/2"	1-5/8"	D-00826-25
3/16"	6-1/4"	3-5/8"	D-00832-25
3/16"	8-1/4"	5-1/2"	D-00848-25
7/32"	6-1/4"	3-5/8"	D-00854-25
1/4"	4-1/2"	1-5/8"	D-00860-25
1/4"	6-1/4"	3-5/8"	D-00876-25
1/4"	8-1/4"	5-1/2"	D-00882-25

Bit Dia.	Length	Working length	Region C
			Part No.
1/4"	11"	8-1/16"	D-00898-25
5/16"	6-1/4"	3-5/8"	D-00907-25
5/16"	12"	9-1/16"	D-00913-25
3/8"	6-1/4"	3-5/8"	D-00929-25
3/8"	12-1/4"	9-1/4"	D-00935-25
7/16"	6-1/4"	3-5/8"	D-00941-25
7/16"	12-1/4"	9-1/4"	D-00957-25
1/2"	6-1/4"	3-3/8"	D-00963-25
1/2"	12-1/4"	8-7/8"	D-00979-25
9/16"	6-1/4"	3-3/8"	D-00985-25
9/16"	12-1/4"	8-7/8"	D-00991-25
5/8"	8"	4-1/2"	D-01002-25
5/8"	12"	8-5/8"	D-01018-25
11/16"	8"	4-5/16"	D-01024-25
3/4"	8"	4-5/16"	D-01030-25
3/4"	12"	8-7/16"	D-01046-25
7/8"	8"	4-5/16"	D-01052-25
7/8"	12"	8-7/16"	D-01068-25
1"	10"	6-1/2"	D-01074-25

SDS-PLUS 5 pc. bits assortment



(5 different sizes)

These items are available on request.

Contact us for the minimum order quantity.



* (6 x 160 2pc.)

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
5	110	42	D-00795	-
6	110	42		
6	160	92		
8	110	42		
8	160	92		
5.5	110	42	D-03888	-
6	160	92		
7	110	42		
7	160	92		
8	160	92		
6	110	42	D-17784	-
6.5	110	42		
8	160	92		
10	160	92		
12	160	92		
5	160	92	D-20703	D-38255
6	160	92		
7	160	92		
8	160	92		
10	160	92		

Accessories

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
6	160	92	*D-36049	*D-36354
8	160	92		
10	160	92		
12	160	92		
5.8	110	42	D-44987	-
6.5	110	42		
6.5	160	92		
9.5	160	92		
12.7	160	85		

SDS-PLUS 10 pc. bits assortment

(2 pc. each)

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
5	110	42	D-40593	D-40674
6	110	42		
6	160	92		
8	110	42		
8	160	92		

SDS-PLUS 10 pc. bits set

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
6.5	210	140	D-45098	D-45060

SDS-PLUS 25 pc. bits assortment

(5 pc. each)



Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
5,6,7	110	42	D-33853	D-44220
6,7	160	92		
5.5	110	42	-	D-46268
5.5	160	92		
6.5	110	42		
6.5	160	92		
8	160	92		
5	110	42	D-40602	D-40680
6	110	42		
6	160	92		
8	110	42		
8	160	92		

SDS-PLUS 25 pc. bits set

Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
6.5	210	140	D-45107	D-45076

Drill Bit & Chisel Assortment

10 pc./ sets





Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
5.5	160	92	D-44971	-
6	160	92		
6.5	160	92		
7	160	92		
8	160	92		
10	160	92		
12	160	92		
15	160	85		
Bull Point 160				
Cold Chisel 20x140				
5	160	92	D-46361	D-46274
5.5	160	92		
6	160	92		
6.5	160	92		
8	160	92		
10	160	92		
12	160	92		
16	160	85		
Bull Point 160				
Cold Chisel 20x140				
6	160	92	D-41470	D-47335
7	160	92		
8	160	92		
10	160	92		
12	160	92		
14	260	175		
16	210	125		
18	210	120		
Bull Point 160				
Cold Chisel 20x140				

Accessories

SDS-PLUS 5 pc. bits assortment

(5 different sizes)

These items are available on request.

Contact us for the minimum order quantity.

Inch Size



Bit Dia.	Length	Working length	Region C Part No.
3/16"	4-1/2"	1-5/8"	D-07973
1/4"	6-1/4"	3-5/8"	
5/16"	6-1/4"	3-5/8"	
3/8"	6-1/4"	3-5/8"	
1/2"	6-1/4"	3-3/8"	

Drill Bit & Chisel Assortment

10 pc./ sets

Inch Size



Bit Dia.	Length	Working length	Region C Part No.
3/16"	6-1/4"	3-5/8"	D-45820
7/32"	6-1/4"	3-5/8"	
1/4"	6-1/4"	3-5/8"	
5/16"	6-1/4"	3-5/8"	
3/8"	6-1/4"	3-5/8"	
7/16"	6-1/4"	3-5/8"	
1/2"	6-1/4"	3-3/8"	
9/16"	6-1/4"	3-3/8"	
Bull Point 160			
Cold Chisel 20x140			

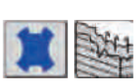
Drill Bit & Chisel Assortment

(with aluminum case)



These items are available on request.

Contact us for the minimum order quantity.





Type	Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A Part No.
10 pc.	6	110	42	D-19174
	8	160	92	
	10	210	140	
	12	210	140	
	10	460	365	
	12	460	365	
	16	460	365	
	20	460	365	
	Bull Point 250			
	Cold Chisel 20x250			

Type	Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A Part No.
10 pc.	5.5	110	42	D-21191
	6	110	42	
	7	160	92	
	8	160	92	
	10	210	140	
	10	460	365	
	16	460	365	
	20	460	365	
	Bull Point 250			
	Cold Chisel 20x250			
13 pc.	5	110	42	D-20111
	6	110	42	
	6	160	92	
	7	110	42	
	7	160	92	
	8	110	42	
	8	160	92	
	10	160	92	
	12	160	92	
	14	160	92	
	16	210	140	
	Bull Point 250			
	Cold Chisel 20x250			
13 pc.	5	110	42	D-21185
	6	110	42	
	6	160	92	
	7	110	42	
	7	160	92	
	8	110	42	
	8	160	92	
	10	160	92	
	12	160	92	
	14	460	365	
	16	460	365	
	Bull Point 250			
	Cold Chisel 20x250			
14 pc.	5	110	42	D-21325
	6	110	42	
	6	160	92	
	7	110	42	
	7	160	92	
	8	110	42	
	8	160	92	
	10	160	92	
	10	210	140	
	12	160	92	
	12	210	140	
	14	160	92	
	14	210	140	
	16	210	140	

Accessories

Type	Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A
				Part No.
17 pc.	5	110	42	D-19180
	6	110	42	
	6	160	92	
	8	110	42	
	8	160	92	
	8	210	140	
	10	110	42	
	10	160	92	
	10	210	140	
	12	160	92	
	12	260	175	
	14	260	175	
	Bull Point 140			
	Bull Point 250			
	Cold Chisel 20x140			
	Cold Chisel 20x250			
	Scaling Chisel 40x250			
17 pc.	5	110	42	D-21200
	5.5	110	42	
	6	110	42	
	6	160	92	
	7	160	92	
	8	110	42	
	8	160	92	
	8	210	140	
	10	110	42	
	10	160	92	
	10	210	140	
	14	260	175	
	Bull Point 140			
	Bull Point 250			
	Cold Chisel 20x140			
	Cold Chisel 20x250			
	Scaling Chisel 40x250			

Inch Size

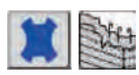
Type	Bit Dia.	Length	Working length	Region C
				Part No.
13 pc.	5/32"	4-1/2"	1-5/8"	D-31734
	3/16"	4-1/2"	1-5/8"	
	3/16"	6-1/4"	3-5/8"	
	7/32"	6-1/4"	3-5/8"	
	1/4"	4-1/2"	1-5/8"	
	1/4"	6-1/4"	3-5/8"	
	5/16"	6-1/4"	3-5/8"	
	3/8"	6-1/4"	3-5/8"	
	1/2"	6-1/4"	3-3/8"	
	9/16"	6-1/4"	3-3/8"	
	5/8"	8"	4-1/2"	
	Bull Point 10 inch			
	Cold Chisel 3/4 inch x 10 inch			

Drill Bit & Chisel Assortment (with aluminum case in Makita blue)

These items are available on request. Contact us for the minimum order quantity.







Type	Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
				Part No.	Part No.
10 pc.	6	110	42	D-42385	D-42086
	8	160	92		
	10	210	140		
	12	210	140		
	10	460	365		
	12	460	365		
	16	460	365		
	20	460	365		
	Bull Point 250				
	Cold Chisel 20x250				
10 pc.	5.5	110	42	D-42391	D-42092
	6	110	42		
	7	160	92		
	8	160	92		
	10	210	140		
	10	460	365		
	16	460	365		
	20	460	365		
	Bull Point 250				
	Cold Chisel 20x250				
13 pc.	5	110	42	D-42400	D-42101
	6	110	42		
	6	160	92		
	7	110	42		
	7	160	92		
	8	110	42		
	8	160	92		
	10	160	92		
	12	160	92		
	14	160	92		
	16	210	140		
	Bull Point 250				
	Cold Chisel 20x250				

Accessories

Type	Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A Part No.	Region B Part No.
13 pc.	5	110	42	D-42416	D-42117
	6	110	42		
	6	160	92		
	7	110	42		
	7	160	92		
	8	110	42		
	8	160	92		
	10	160	92		
	12	160	92		
	14	460	365		
	16	460	365		
	Bull Point 250				
	Cold Chisel 20x250				
14 pc.	5	110	42	D-42422	D-42123
	6	110	42		
	6	160	92		
	7	110	42		
	7	160	92		
	8	110	42		
	8	160	92		
	10	160	92		
	10	210	140		
	12	160	92		
	12	210	140		
	14	160	92		
	14	210	140		
	16	210	140		
17 pc.	5	110	42	D-42444	D-42145
	6	110	42		
	6	160	92		
	8	110	42		
	8	160	92		
	8	210	140		
	10	110	42		
	10	160	92		
	10	210	140		
	12	160	92		
	12	260	175		
	14	260	175		
	Bull Point 140				
	Bull Point 250				
	Cold Chisel 20x140				
	Cold Chisel 20x250				
	Scaling Chisel 40x250				

Type	Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A Part No.	Region B Part No.
17 pc.	5	110	42	D-42438	D-42139
	5.5	110	42		
	6	110	42		
	6	160	92		
	7	160	92		
	8	110	42		
	8	160	92		
	8	210	140		
	10	110	42		
	10	160	92		
	10	210	140		
	14	260	175		
	Bull Point 140				
	Bull Point 250				
	Cold Chisel 20x140				
	Cold Chisel 20x250				
	Scaling Chisel 40x250				

Drill Bit & Chisel Assortment

(with roll up pouch)

These items are available on request. Contact us for the minimum order quantity.



Type	Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A Part No.	Region B Part No.
13 pc.	5	110	42	D-53659	D-53643
	6	110	42		
	6	160	92		
	7	110	42		
	7	160	92		
	8	110	42		
	8	160	92		
	10	160	92		
	12	160	92		
	14	160	92		
	16	210	140		
	Bull Point 250				
	Cold Chisel 20x250				

Accessories

Type	Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A Part No.	Region B Part No.
14 pc.	5	110	42	D-53665	D-53671
	6	110	42		
	6	160	92		
	7	110	42		
	7	160	92		
	8	110	42		
	8	160	92		
	10	160	92		
	10	210	140		
	12	160	92		
	12	210	140		
	14	160	92		
	14	210	140		
	16	210	140		
17 pc.	5	110	42	D-54863	D-54857
	6	110	42		
	6	160	92		
	8	110	42		
	8	160	92		
	8	210	140		
	10	110	42		
	10	160	92		
	10	210	140		
	12	160	92		
	12	260	175		
	14	260	175		
	Bull Point 140				
	Bull Point 250				
	Cold Chisel 20x140				
	Cold Chisel 20x250				
	Scaling Chisel 40x250				
17 pc.	5	110	42	D-53073	-
	5.5	110	42		
	6	110	42		
	6	160	92		
	7	160	92		
	8	110	42		
	8	160	92		
	8	210	140		
	10	110	42		
	10	160	92		
	10	210	140		
	14	260	175		
	Bull Point 140				
	Bull Point 250				
	Cold Chisel 20x140				
	Cold Chisel 20x250				
	Scaling Chisel 40x250				

Type	Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A Part No.	Region B Part No.
17 pc.	4	110	42	D-53300	-
	5	110	42		
	6.5	110	42		
	6.5	160	92		
	8	160	92		
	9.5	160	92		
	9.5	160	92		
	10	160	92		
	12.7	160	92		
	12.7	160	92		
	14.3	160	92		
	16	160	92		
	Bull Point 140				
	Bull Point 250				
	Cold Chisel 20x140				
	Cold Chisel 20x250				
	Scaling Chisel 40x250				
17 pc.	4	110	42	D-53609	D-53590
	5	110	42		
	6	110	42		
	6	160	92		
	8	110	42		
	8	160	42		
	10	110	42		
	10	160	92		
	12	160	92		
	12	210	140		
	14	160	92		
	16	160	92		
	Bull Point 140				
	Bull Point 250				
	Cold Chisel 20x140				
	Cold Chisel 20x250				
	Scaling Chisel 40x250				
17 pc.	5	110	42	D-53621	D-53615
	5	160	92		
	6	110	42		
	6	160	92		
	7	160	42		
	8	110	42		
	8	160	42		
	8	210	140		
	10	110	42		
	10	160	92		
	10	210	140		
	14	260	175		
	Bull Point 140				
	Bull Point 250				
	Cold Chisel 20x140				
	Cold Chisel 20x250				
	Scaling Chisel 40x250				

Accessories

Inch Size

Type	Bit Dia.	Length	Working length	Region C
				Part No.
17 pc.	3/16"	4-1/2"	1-5/8"	D-53637
	7/32"	6-1/4"	3-5/8"	
	1/4"	4-1/2"	1-5/8"	
	1/4"	6-1/4"	3-5/8"	
	1/4"	8-1/4"	4-1/2"	
	5/16"	6-1/4"	3-5/8"	
	5/16"	10"	7-3/8"	
	3/8"	6-1/4"	3-5/8"	
	3/8"	10"	7-3/8"	
	1/2"	6-1/4"	3-3/8"	
	1/2"	10"	7-3/8"	
	9/16"	6-1/2"	3-5/8"	
	Bull Point 5-1/2", 10"			
	Cold Chisel 3/4" x 5-1/2", 3/4" x 10"			
	Scaling Chisel 1-1/2" x 10"			

Tools for SDS-MAX Hammers



For Model:

HR4011C, HR4010C, HR4001C, HR4002, HR4013C, HR4003C

HR4501C, HR4510C, HR4511C, HR5201C, HR5210C, HR5211C, HR5202C, HR5212C

nemesis MAX



*Massive carbide tip provide optimal drilling performance

*No seizing up on hitting reinforcing steel.

*Ensure precision drill holes.

*Drills more precisely

*Low vibration and high fracture resistance.



Bit Dia. (mm)	Length (mm)	Working length (mm)	Type	Region B
				Part No.
12	340	200	4 cutter head	B-19897
12	540	400	4 cutter head	B-19906
12	740	600	4 cutter head	B-19912
14	340	200	4 cutter head	B-19928
14	540	400	4 cutter head	B-19934
15	340	200	4 cutter head	B-19940
15	540	400	4 cutter head	B-19956

Bit Dia. (mm)	Length (mm)	Working length (mm)	Type	Region B
				Part No.
16	340	200	4 cutter head	B-19962
16	540	400	4 cutter head	B-19978
16	940	800	4 cutter head	B-19984
18	340	200	4 cutter head	B-19990
18	540	400	4 cutter head	B-20002
18	940	800	4 cutter head	B-20018
20	320	200	4 cutter head	B-20024
20	520	400	4 cutter head	B-20030
20	920	800	4 cutter head	B-20046
22	320	200	4 cutter head	B-20052
22	520	400	4 cutter head	B-20068
22	920	800	4 cutter head	B-20074
24	320	200	4 cutter head	B-20080
24	520	400	4 cutter head	B-20096
25	320	200	4 cutter head	B-20105
25	520	400	4 cutter head	B-20111
25	920	800	4 cutter head	B-20127
26	520	400	4 cutter head	B-20133
28	370	250	4 cutter head	B-20149
28	570	450	4 cutter head	B-20155
28	670	550	4 cutter head	B-20161
28	920	800	4 cutter head	B-20177
30	370	250	4 cutter head	B-20183
30	570	450	4 cutter head	B-20199
32	370	250	4 cutter head	B-20208
32	570	450	4 cutter head	B-20214
32	920	800	4 cutter head	B-20220
35	370	250	4 cutter head	B-20236
35	570	450	4 cutter head	B-20242
35	670	550	4 cutter head	B-20258
35	920	800	4 cutter head	B-20264
38	370	250	4 cutter head	B-20270
38	570	450	4 cutter head	B-20286
40	370	250	4 cutter head	B-20292
40	570	450	4 cutter head	B-20301
40	920	800	4 cutter head	B-20317

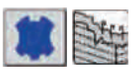
Accessories

Tungsten carbide-tipped bit



*These items are available on request.

Contact us for the minimum order quantity.



Bit Dia. (mm)	Length (mm)	Working length (mm)	Type	Region A	Region B
				Part No.	Part No.
12	340	200	2 cutter	*D-33875	*D-34506
12	540	400	2 cutter	*D-33881	*D-34512
14	340	200	2 cutter	*D-33897	*D-34528
14	540	400	2 cutter	*D-33906	*D-34534
15	340	200	2 cutter	*D-33912	*D-34540
15	540	400	2 cutter	*D-33928	*D-34556
16	340	200	2 cutter	*D-33934	*D-34562
16	540	400	2 cutter	*D-33940	*D-34578
18	340	200	2 cutter	*D-33956	*D-34584
18	540	400	2 cutter	*D-33962	*D-34590
20	340	200	2 cutter	*D-33978	*D-34609
20	540	400	2 cutter	*D-33984	*D-34615
22	340	200	2 cutter	*D-33990	*D-34621
22	540	400	2 cutter	*D-34001	*D-34637
24	340	200	2 cutter	*D-34017	*D-34643
24	540	400	2 cutter	*D-34023	*D-34659
25	340	200	2 cutter	*D-34039	*D-34665
25	540	400	2 cutter	*D-34045	*D-34671
28	370	250	2 cutter	*D-34051	*D-34687
28	570	450	2 cutter	*D-34067	*D-34693
30	370	250	2 cutter	*D-34073	*D-34702
30	570	450	2 cutter	*D-34089	*D-34718
32	370	250	2 cutter	*D-34095	*D-34724
32	570	450	2 cutter	*D-34104	*D-34730
35	370	250	2 cutter	*D-34110	*D-34746
35	570	450	2 cutter	*D-34126	*D-34752
38	370	250	2 cutter	*D-34132	*D-34768
38	570	450	2 cutter	*D-34148	*D-34774
40	370	250	2 cutter	*D-34154	*D-34780
40	570	450	2 cutter	*D-34160	*D-34796

Bit Dia. (mm)	Length (mm)	Working length (mm)	Type	Region C
				Part No.
1/2"	13"	8"	2 cutter	*D-36538
1/2"	21"	16"	2 cutter	*D-36544
9/16"	21"	16"	2 cutter	*D-36550
5/8"	13"	8"	2 cutter	*D-36566
5/8"	21"	16"	2 cutter	*D-36572
3/4"	13"	8"	2 cutter	*D-36588
3/4"	21"	16"	2 cutter	*D-36594
27/32"	21"	16"	2 cutter	*D-36603
7/8"	13"	8"	2 cutter	*D-36619
7/8"	21"	16"	2 cutter	*D-36625
1"	13"	8"	2 cutter	*D-36631
1"	21"	16"	2 cutter	*D-36647
1-1/8"	15"	10"	2 cutter	*D-36653
1-1/8"	22"	18"	2 cutter	*D-36669
1-1/4"	15"	10"	2 cutter	*D-36675
1-1/4"	22"	18"	2 cutter	*D-36681
1-3/8"	22"	18"	2 cutter	*D-36697
1-1/2"	22"	18"	2 cutter	*D-36706

SDS-MAX TCT drill bit for mining







*These items are available on request.

Contact us for the minimum order quantity.

Bit Dia. (mm)	Length (mm)	Working length (mm)	Type	Region A	Region B
				Part No.	Part No.
32	570	450	Mining	-	*B-14613
32	920	800	Mining	-	*B-15045





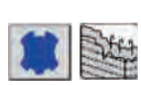
*These items are available on request.

Contact us for the minimum order quantity.

Bit Dia. (mm)	Length (mm)	Working length (mm)	Type	Region A	Region B
				Part No.	Part No.
28	670	550	Mining	-	*B-39431
30	720	600	Mining	-	*B-39447
32	570	450	Mining	-	*B-39453
32	920	800	Mining	-	*B-39469

SDS-MAX 3 pc. assortment

(3 different sizes)





Bit Dia. (mm)	Length (mm)	Working length (mm)	Type	Region A	Region B
				Part No.	Part No.
16	340	200	2 cutter	D-40587	D-40668
18	340	200	2 cutter		
20	340	200	2 cutter		

Accessories

Drill Bit & Chisel Assortment (with aluminum case)





Bit Dia. (mm)	Length (mm)	Working length (mm)	Type	Region A	Region B
				Part No.	Part No.
18	540	400	2 cutter	D-40571	D-40652
20	540	400	2 cutter		
22	540	400	2 cutter		
25	540	400	2 cutter		
Bull Point 400		-	-		
Cold Chisel 25x400		-	-		
Scaling Chisel 50x400		-	-		

Drill Bit & Chisel Assortment (with aluminum case in Makita blue)





Bit Dia. (mm)	Length (mm)	Working length (mm)	Type	Region A	Region B
				Part No.	Part No.
18	540	400	2 cutter	D-42494	D-42195
20	540	400	2 cutter		
22	540	400	2 cutter		
25	540	400	2 cutter		
Bull Point 400		-	-		
Cold Chisel 25x400		-	-		
Scaling Chisel 50x400		-	-		

Hexagonal Shank (for Rotary Hammer)



For Model:

HR3530, HR4030C

Tungsten carbide-tipped bit

These items are available on request.

Contact us for the minimum order quantity.

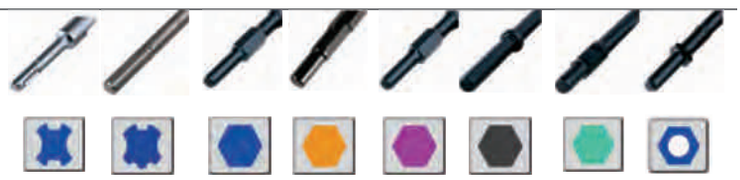


Bit Dia. (mm)	Length (mm)	Working length (mm)	Region A	Region B
			Part No.	Part No.
16	280	155	D-20127	-
16	505	365	D-20133	-
18	280	155	D-20149	-
18	505	365	D-20155	-
19	280	155	D-20161	-
19	505	365	D-20177	-
20	280	155	D-20183	-
20	505	365	D-20199	-
22	280	155	D-20208	-
22	505	365	D-20214	-
26	280	155	D-20220	-
26	505	365	D-20236	-
28	280	155	D-20242	-
28	505	365	D-20258	-
32	280	140	D-20264	-
32	505	360	D-20270	-
35	280	140	D-20286	-
35	505	360	D-20292	-



Accessories

Chisels



Shape	Application	For SDS-PLUS hammers	For SDS-MAX hammers	17mm Hex	19mm Hex	21mm Hex	28.6mm Hex	30mm Hex	Makita Small
Self sharpening bull point 	Demolition and adjustment work in masonry and concrete. Chipping and breaking in masonry and concrete. Starts holes in concrete No time consuming resharpening is needed.		○						
Bull point 	Demolition and adjustment work in masonry and concrete. Chipping and breaking in masonry and concrete. Starts holes in concrete	○	○	○	○	○	○	○	○
Cold chisel 	Adjustment work in masonry and concrete. Chipping, breaking, edging and channeling in masonry and concrete.	○	○	○	○	○	○	○	
Grooving chisel 	Cutting channels in concrete.	○		○		○			
Scaling chisel 	Removing concrete residues.	○	○	○	○	○	○	○	○
Clay spade 	Digging in clay, hard gravel, hard packed gravel, soil and dirt.	○	○	○	○	○	○	○	
Rammer 	Tamping asphalt and compacting gravel, soil and dirt.		○	○	○	○	○		
Bushing tool 	Roughing concrete and asphalt up.	○	○	○		○			
Scraper 	Scraping floor tiles,linoleum floord and clean-up.	○							○

Self sharpening bull point



This technology ensures our steels remain sharp and efficient throughout their life time.

With a higher removal rate and no repeated re-sharpening these new steels reduce down time and significantly more cost effective.



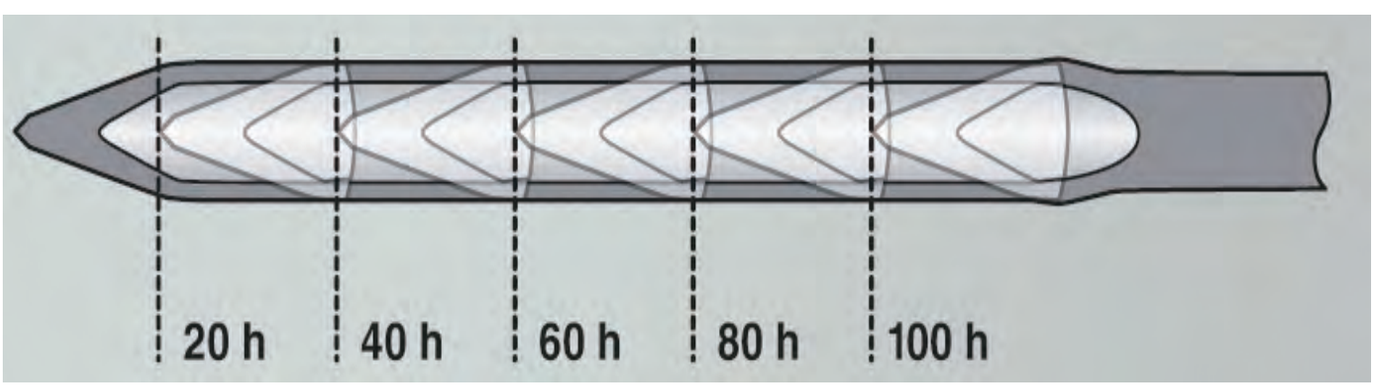
28.6mm Hex



30mm Hex

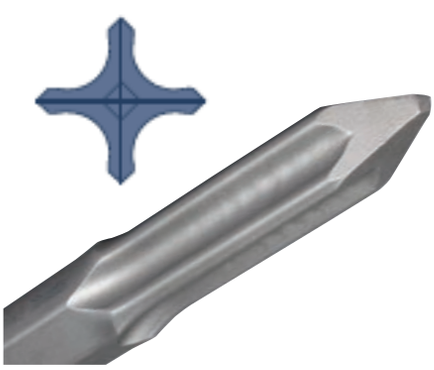


For SDS-MAX hammers



Innovation

Unique star-shape design keeps always sharp



Benefit

No re-sharpening necessary
No work interruption due to resharpening
No service costs

Accessories

Tools for SDS-PLUS Hammers

*These items are available on request.

Contact us for the minimum order quantity.



For Model:

BHR200, DHR202, BHR241, DHR242, DHR243, BHR262/T. HR262D/TD, HR2320T, HR2451, HR2452, HR2432, HR2455, HR2470F, HR2470, HR2470FT, HR2470T, HR2630/T, HR2631F/FT, HR2641, HR2811F, HR2810, HR2811FT, HR2810T, HR3200C, HR3210C, HR3210FCT

Bull point

(For demolishing concrete)



Length (mm)	Region A	Region B	Region C
	Part No.	Part No.	Part No.
140	*D-19152	-	-
160	*D-08034	*D-20731	-
250	*D-08713	*D-07864	*D-51114
400	*D-19015	-	-

Cold chisel

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Length (mm)	Region A	Region B	Region C
	Part No.	Part No.	Part No.
20 x 140	*D-19168	-	-
20 x 250	*D-08729	*D-07870	*D-51150
20 x 400	*D-19021	-	-

Grooving chisel

(For grooving, channeling or removal of heavy scale, especially in narrow or recessed areas.)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
8 x 170	-	A-30075	-
12 x 170	-	A-86371	-
20 x 170	-	A-86686	-

Scaling chisel

(A wide chisel for chipping away scale of dried concrete spatter)



Length (mm)	Region A	Region B	Region C
	Part No.	Part No.	Part No.
38 x 200	A-30483	-	-
40 x 250	*D-08735	*D-07886	-
50 x 215	*D-25616	-	*D-51166

Scraper assembly

(For removing linoleum tile and other flooring)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
100	-	A-30106	-
100	Cutter	343411-9	-

Chisel assortment with Plastic Tube

These items are available on request.

Contact us for the minimum order quantity.



Description	Size (mm)	Each	Sum	Region A	Region B
				Part No.	Part No.
Bull point	250	1	3	D-30134	-
Cold chisel	20 x 250	1			
Scaling chisel	40 x 250	1			

Accessories

Chisel assortment (with aluminum case)

These items are available on request.

Contact us for the minimum order quantity.





Description	Size (mm)	Each	Sum	Region A	Region B
				Part No.	Part No.
Bull point	250	1	3	D-05181	D-08763
Cold chisel	20 x 250	1			
Scaling chisel	40 x 250	1			
Bull point	250	2	4	D-08757	D-08741
Cold chisel	20 x 250	2			
Bull point	250	2	5	D-16368	-
Cold chisel	20 x 250	2			
Scaling chisel	40 x 250	1			

Chisel assortment

(with aluminum case in Makita blue)

These items are available on request.

Contact us for the minimum order quantity.





Description	Size (mm)	Each	Sum	Region A	Region B
				Part No.	Part No.
Bull point	250	1	3	D-42357	D-42058
Cold chisel	20 x 250	1			
Scaling chisel	40 x 250	1			
Bull point	250	2	4	D-42363	D-42064
Cold chisel	20 x 250	2			
Bull point	250	2	5	D-42379	D-42070
Cold chisel	20 x 250	2			
Scaling chisel	40 x 250	1			

Tools for SDS-MAX Hammers



For Model :

HR3540C, HR3541FC, HR4001C, HR4002, HR4010C, HR4011C, HR4501C, HR4510C, HR4511C, HR5201C, HR5210C, HR5202C, HR5202C, HR5211C, HM0860C, HM0870C, HM0871C, HM1111C, HM1101C, HM1203C, HM1213C, HM1214C

*These items are available on request. Contact us for the minimum order quantity.

Bull point

(For demolishing concrete)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
300	-	*D-34176	*D-34425
280	-	-	A-80787
400	-	*D-34182	*D-34431
400	-	-	A-80793
600	-	A-87476	-
400	10pcs	*D-34182-10	*D-34431-10

Self-Sharpening Bull Point





Length (mm)	Type	Region A	Region B
		Part No.	Part No.
400	-	-	B-10621

Spin action Self-Sharpening Bull Point



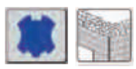


Length (mm)	Type	Region A	Region B
		Part No.	Part No.
400	-	-	B-23064

Accessories

Cold chisel

(For chipping, edging, channeling and breaking away larger chunks of concrete)



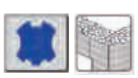


*These items are available on request. Contact us for the minimum order quantity.

Size (mm)	Type	Region A	Region B
		Part No.	Part No.
25 x 300	-	*D-34207	*D-34453
25 x 280	-	-	A-80802
25 x 400	-	*D-34213	*D-34469
25 x 400	-	-	A-80818
24 x 600	-	-	A-87482
25 x 400	10pcs	*D-34213-10	*D-34469-10

Scaling chisel

(A wide chisel for chipping away scale of dried concrete spatter)





*These items are available on request. Contact us for the minimum order quantity.

Size (mm)	Type	Region A	Region B
		Part No.	Part No.
50 x 400	-	-	A-80824
50 x 400	-	*D-34235	*D-34481
80 x 300	-	*D-34241	*D-34497

Scaling chisel (for Tile)





*These items are available on request. Contact us for the minimum order quantity.

Size (mm)	Type	Region A	Region B
		Part No.	Part No.
50 x 300	-	-	*A-80830

Clay spade





Size (mm)	Type	Region A	Region B
		Part No.	Part No.
105 x 400	-	A-17653	-

Bushing tool

(For concrete surface removal)

• Use with shank (A-19897)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
67 x 67	•	-	A-19881

Rammer

A: Dia.

(For tamping)

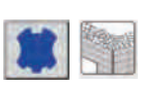
• Use with shank (A-19897)





Dia. (mm)	Type	Region A	Region B
		Part No.	Part No.
140	•	-	A-19875

Bull & Cold Chisel 10pcs set





Region A	Region B
Part No.	Part No.
D-35324-10	D-35330-10



Accessories

Chisel assortment

(with aluminum case)

These items are available on request.

Contact us for the minimum order quantity.



Description	Size (mm)	Each	Sum	Region A	Region B
				Part No.	Part No.
Bull point	400	1	3	D-40543	D-40624
Cold chisel	25 x 400	1			
Scaling chisel	50 x 400	1			
Bull point	300	1	4	D-40559	D-40630
Bull point	400	1			
Cold chisel	25 x 300	1			
Cold chisel	25 x 400	1			
Bull point	400	3	5	D-40618	D-40696
Cold chisel	25 x 400	2			
Bull point	400	2	6	D-40565	D-40646
Cold chisel	25 x 400	2			
Scaling chisel	50 x 400	1			
Scaling chisel	80 x 300	1			

Chisel assortment

(with aluminum case in Makita blue)

These items are available on request.

Contact us for the minimum order quantity.



Description	Size (mm)	Each	Sum	Region A	Region B
				Part No.	Part No.
Bull point	400	1	3	D-42450	D-42151
Cold chisel	25 x 400	1			
Scaling chisel	50 x 400	1			
Bull point	300	1	4	D-42466	D-42167
Bull point	400	1			
Cold chisel	25 x 300	1			
Cold chisel	25 x 400	1			
Bull point	400	3	5	D-42472	D-42173
Cold chisel	25 x 400	2			
Bull point	400	2	6	D-42488	D-42189
Cold chisel	25 x 400	2			
Scaling chisel	50 x 400	1			
Scaling chisel	80 x 300	1			





Accessories

For 17mm Hex



*These items are available on request.

Contact us for the minimum order quantity.

For Model:

HR3530, HR4030C, HM0810/T, HM0830/T

Bull point

(For demolishing concrete)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
210	-	*D-16374	*D-26565
280	-	-	A-80450
280	-	*D-08682	*D-08676
450	-	-	A-80547
450	-	*D-16863	*D-26571

Sharper Edge Bull Point (8 degrees edge)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
280	-	-	*D-26303
350	-	-	*D-29860

Cold chisel

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
17 x 280	-	-	A-80569
19 x 210	-	*D-26587	*D-26593
19 x 280	-	*D-08707	*D-08698
17 x 450	-	-	A-80575
19 x 450	-	*D-16879	*D-26602

Grooving chisel

(For grooving, channeling or removal of heavy scale,

especially in narrow or recessed areas.)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
22 x 280	-	A-48555	-
26 x 280	-	A-48561	-

Scaling chisel

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
50 x 280	-	-	A-80606
50 x 280	-	*D-20694	*D-26618
50 x 450	-	*D-52548	*D-52532

Clay spade



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
105 x 400	-	A-25214	-

Bushing tool

(For concrete surface removal)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
60 x 60	-	A-21484	-

Rammer

(For tamping)

A: Dia.



Dia. (mm)	Type	Region A	Region B
		Part No.	Part No.
140	-	A-21428	-

Accessories

For 19mm Hex Shank



*These items are available on request.

Contact us for the minimum order quantity.

For Model:

HR3520B, HR4040C, HR4041C, HR5000,HM0810B, HM1140C, HM1242C

Bull point

(For demolishing concrete)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
300	-	*D-20074	*D-29234
450	-	*D-19196	*D-29240

Cold chisel

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
26 x 300	-	*D-20080	*D-29250
26 x 450	-	*D-19205	*D-29262

Scaling chisel

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Region A	Region B	Region C
	Part No.	Part No.	Part No.
50 x 300	*D-20096	*D-29278	*D-51172

Clay spade



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
105 x 400	-	798148-7	-

Rammer

(For tamping)



Dia. (mm)	Type	Region A	Region B
		Part No.	Part No.
140	-	A-21478	-

For 21mm Hex Shank



For Model:

HR3850K, HR5000K

Cold chisel

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
25 x 300	-	A-07107	-
25 x 380	-	A-07113	-
25 x 600	-	A-07135	-

Scaling chisel

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
70 x 300	-	A-07141	-

Clay spade



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
120 x 500	-	A-07157	-

Accessories

For 21mm Hex Shank



*These items are available on request.

Contact us for the minimum order quantity.

For Model:

HM1201

Bull point

(For demolishing concrete)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
320	-	*D-16499	-
450	-	A-80553	-
450	-	*D-23824	-
600	-	*D-30994	-

Cold chisel

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
26 x 320	-	*D-17588	-
26 x 450	-	A-80581	-
26 x 450	-	*D-17594	-

Scaling chisel

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
70 x 320	-	*D-20672	-

Grooving chisel

(For grooving, channeling or removal of heavy scale, especially in narrow or recessed areas.)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
26 x 370	-	798274-2	-

Clay spade



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
130 x 460	-	A-47391	-

Bushing tool

(For concrete surface removal)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
60 x 60	-	A-21490	-

Rammer

(For tamping)

A: Dia.



Dia. (mm)	Type	Region A	Region B
		Part No.	Part No.
140	-	A-21434	-

Accessories

For 28.6mm Hex Shank



*These items are available on request.

Contact us for the minimum order quantity.

For Model:

HM1500B, HM1800, HM1810, HM1801, HM1812, HM1802

Self sharpening bull point

(For demolishing concrete)



Length (mm)	Region A	Region B	Region B
	Part No.	Part No.	Part No.
400	-	B-10372	B-45559

Bull point

(For demolishing concrete)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
410	-	798381-1	-
410	-	*D-17631	*D-20747
520	-	*D-17675	*D-26652

Cold chisel

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
28 x 410	-	798383-7	-
28 x 410	-	*D-17647	*D-20753
28 x 520	-	*D-17681	*D-26668

Scaling chisel

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
75x410	-	*D-29228	-
75x520	-	*D-20725	*D-26646

Clay spade



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
140 x 546	-	A-44644	-

Rammer

(For tamping)



Dia. (mm)	Type	Region A	Region B
		Part No.	Part No.
200	-	798385-3	-



Accessories

For 30mm Hex Shank



*These items are available on request.

Contact us for the minimum order quantity.

For Model:

HM1304, HM1305, HM1306, HM1400, HM1500

Self sharpening bull point

(For demolishing concrete)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
400	-	-	B-10388

Bull point

(For demolishing concrete)



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
410	-	A-80466	-
400	-	*D-15285	*D-15279

Cold chisel

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
36 x 410	-	A-80597	-
30 x 400	-	*D-15300	*D-15291

Scaling chisel

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
75 x 310	-	*D-23868	-

Clay spade



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
120 x 500	-	B-10300	-

Rammer

(For tamping)



Dia. (mm)	Type	Region A	Region B
		Part No.	Part No.
200	-	A-31485	-



Accessories

For Makita Small Shank



For Model:

HK1800, HK1810

Bull point



Length (mm)	Type	Region A	Region B
		Part No.	Part No.
220	-	B-06921	-

Scaling chisel

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
30 x 150	-	B-07331	-
50 x 150	-	B-07347	-
20 x 220	-	B-07004	-
50 x 220	-	B-07010	-



Grooving chisel

(For grooving, channeling or removal of heavy scale,

especially in narrow or recessed areas.)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
8 x 170	-	A-21543	-
12 x 170	-	A-21559	-
20 x 170	-	798297-0	-

Scraper assembly

(For removing linoleum tile and other flooring)



Size (mm)	Type	Region A	Region B
		Part No.	Part No.
100	-	A-43022	-
100	Cutter	343411-9	-



ACCESSORIES

Fastening



Hex (H)

Pz

Square (Sq)

Slotted (Sl)

T

Phillips (Ph)

T_H

With magnet

CR-MO

Made of chrome-molybdenum alloy steel

3/8"

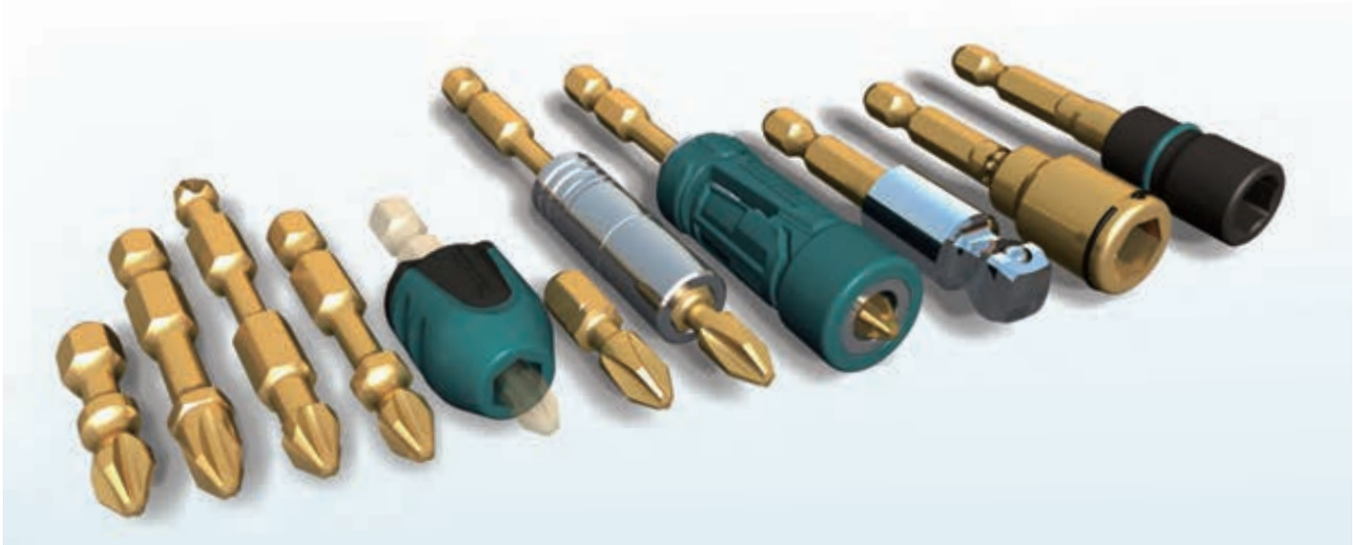
For 3/8" square drive

1/2"

For 1/2" square drive

Accessories

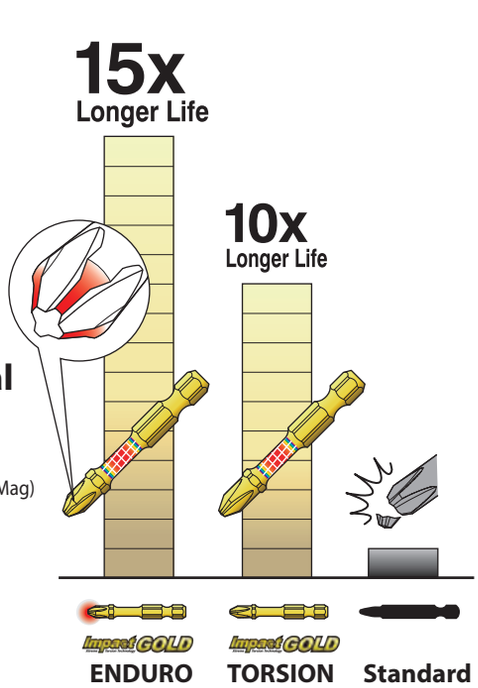
Impact GOLD
Xtreme Torsion Technology



Torsion Screw Bit
Both 25mm Non-Mag and 50mm Magnetic.

Ph Pz Sq T

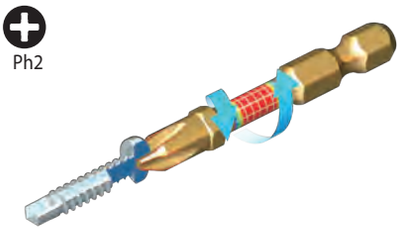


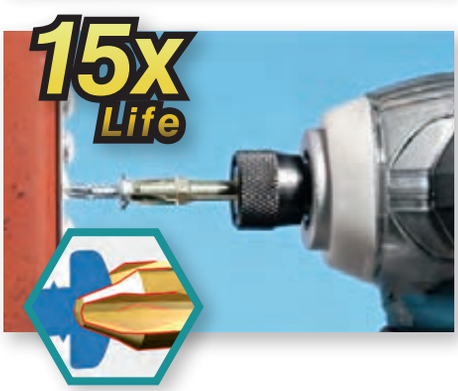




Torsion Enduro Bit Metal
Specifically suited to provide a longer lasting connection between screw + tip in metal fastening applications.
(Available in Ph2 only - 25mm Non-Mag & 50mm Mag)

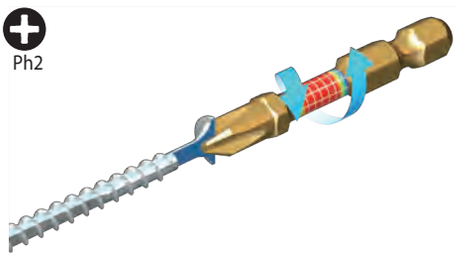
Ph2

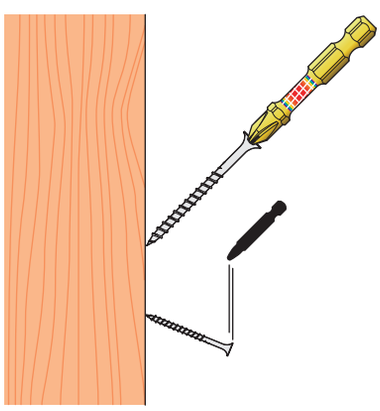


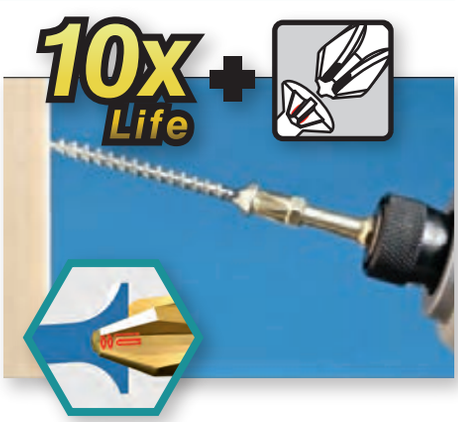


Torsion Grip Bit Wood
Specifically suited to provide a stronger connection between screw and tip.
(Available in Ph2 only - 25mm Non-Mag & 50mm Mag)

Ph2





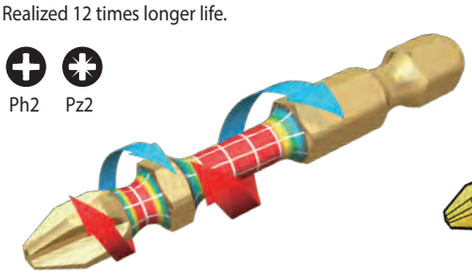


Accessories

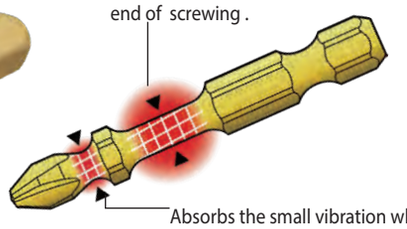
Double Torsion Screw Bit

Having 2 narrowed parts.
Realized 12 times longer life.

Ph2 Pz2



Absorbs the large vibration which occurred from the end of screwing .



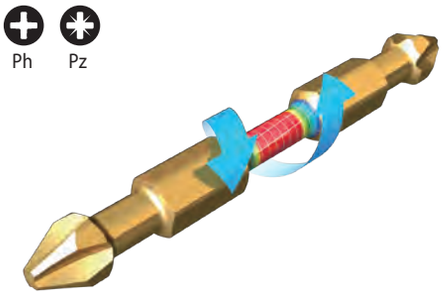
Absorbs the small vibration which occurred from the start of screwing

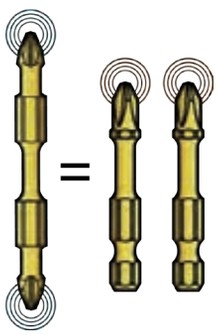


Double Ended Torsion Screw Bit

Able to use both sides of the bit.
It works as much as 2 regular bits.

Ph Pz



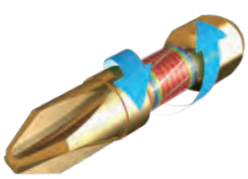


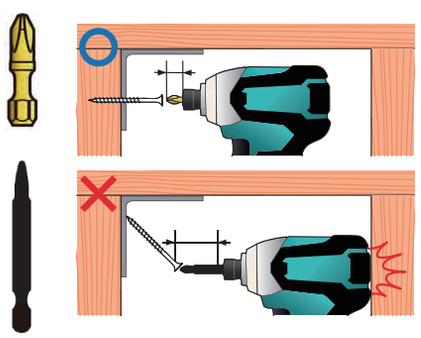


ShorTon (Short + Torsion) Screw Bit

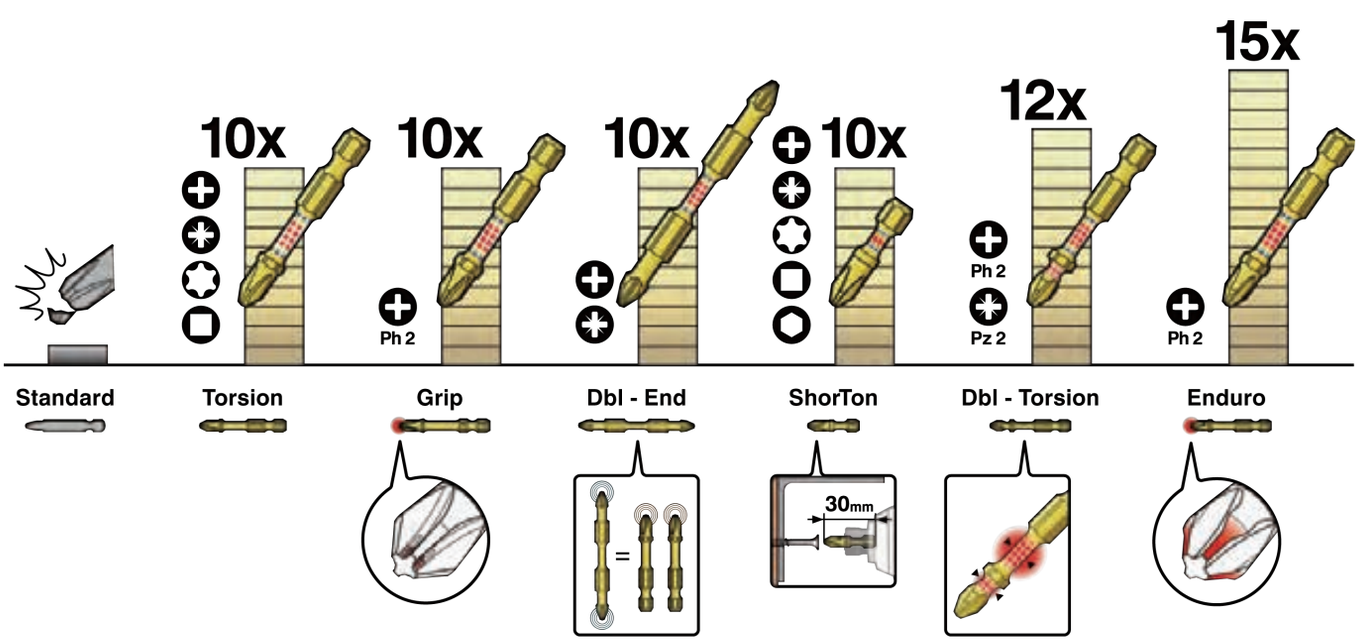
The total length is 30mm. Extremely Short Torsion Bit.
Suitable for working in the small spaces.

Ph Pz Sq T Hex





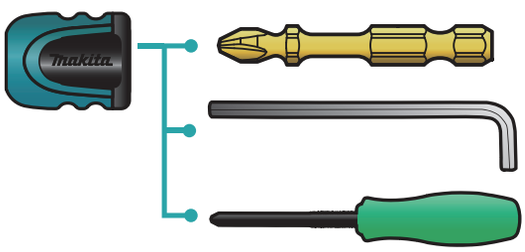


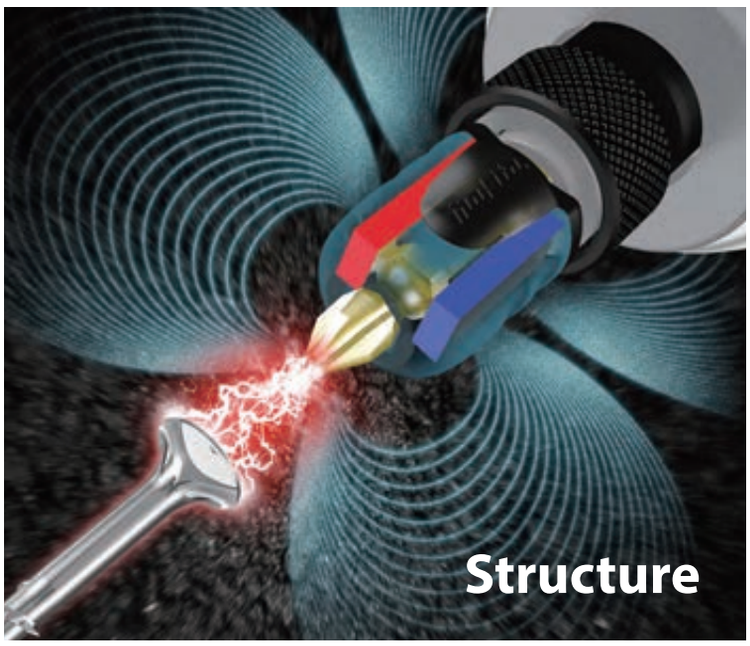


Mag boost



Multi purpose use

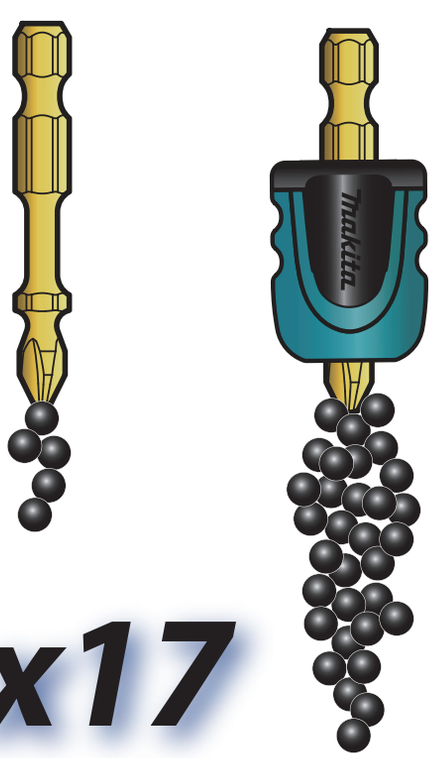




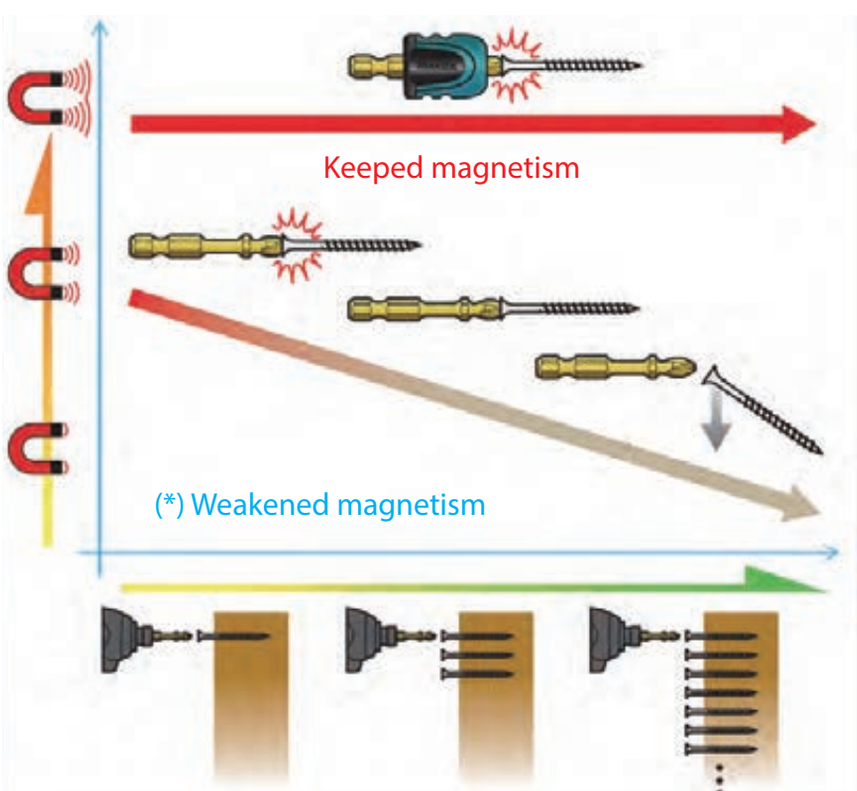
Stronger magnetism

Screw bit with magnetism

With mag boost



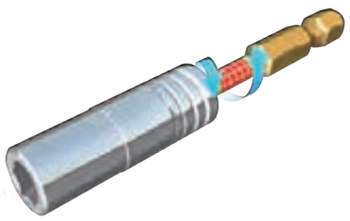
Keeped magnetism

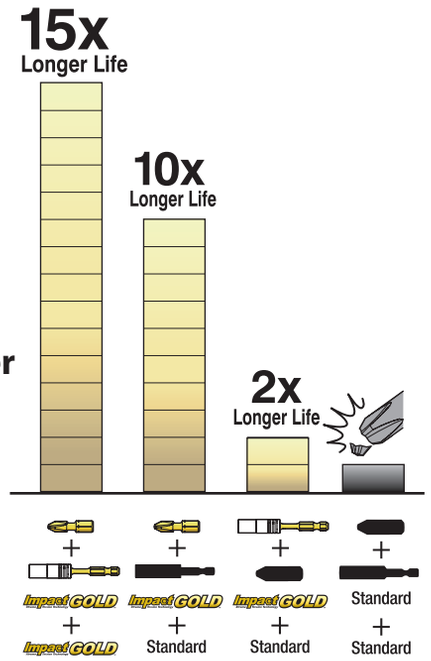


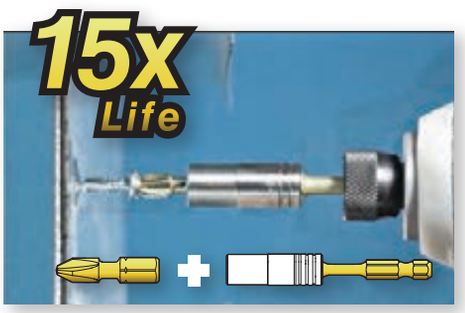
(*) Magnetism of bit is weaken by daily work such as they are heated, added vibration and screwed.

Accessories

Torsion Bit Holder

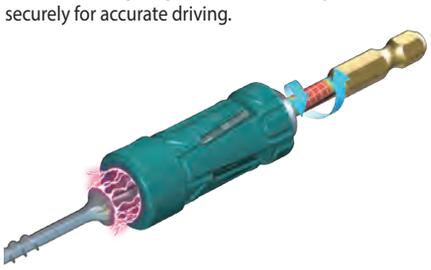






Ultra Mag Torsion Bit Holder

The extra strong magnet holds even long screws securely for accurate driving.

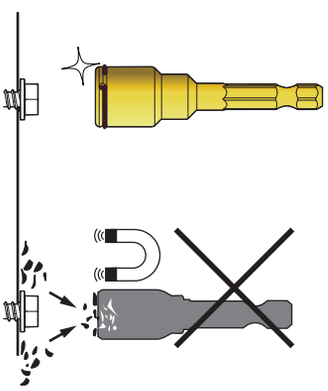


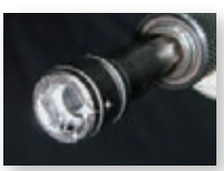


Ring Nut Setter

The spring-loaded clip retains the fastener, eliminating all build up of swarf on the magnet which prevents correct fastener connection.





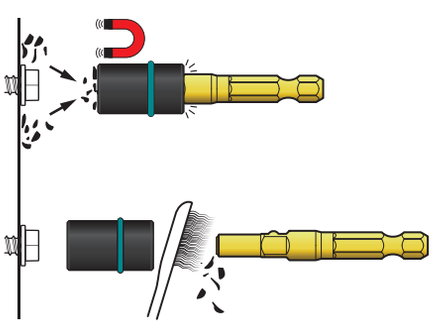




Detachable Nutsetter

Socket and Shank is detachable.
1. Easy to clean the debris.
2. Able to select Socket and Shank material and hardness separately and realize high durability (20 times).



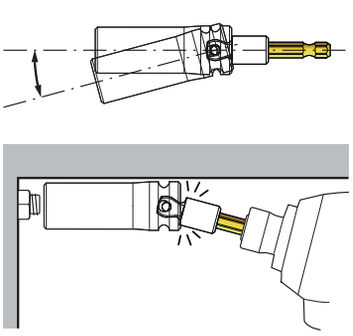




Tilt Socket Adapter

The socket can tilt up to 15°angle to assist fastening in confined applications.

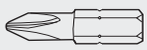






Accessories

Screw bit

1/4" Hex Shank (C-form)		
A	C-form	

1/4" Hex Shank (E-form)		NZ	MZ
B	E-form (Single Ended)		
C	E-form (Double Ended)		

Drive type

Phillips (Ph)	Pz	Hex (H)	T	T_H	Square (Sq)	Slotted (Sl)
						

Impact GOLD Xtreme Torsion Technology

Torsion screw bit





Size		Length (mm)	Shank Type	Per pkg.	Region B Part No.
	Ph 1	25	A	2	B-28329
	Ph 2	25	A	2	B-28335
	Ph 2	25	A	5	B-28357
	Ph 2 (Grip)	25	A	2	B-28488
	Ph 2 (Grip)	25	A	5	B-28494
	Ph 2 (Enduro)	25	A	2	B-28503
	Ph 2 (Enduro)	25	A	5	B-28519
	Ph 3	25	A	2	B-28341
	Pz 1	25	A	2	B-28444
	Pz 2	25	A	2	B-28450
	Pz 2	25	A	5	B-28472
	Pz 3	25	A	2	B-28466
	T 10	25	A	2	B-28391
	T 15	25	A	2	B-28400
	T 20	25	A	2	B-28416
	T 25	25	A	2	B-28422
	T 30	25	A	2	B-28438
	Sq 1	25	A	2	B-28363
	Sq 2	25	A	2	B-28379
	Sq 3	25	A	2	B-28385

ShorTon (Short + Torsion) screw bit

With magnet





1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region B Part No.
	Ph1	30	MZ-B	2	B-42189
	Ph2 (Dbl-torsion)	30	MZ-B	2	B-42195
	Ph3	30	MZ-B	2	B-42204
	Pz1	30	MZ-B	2	B-42210
	Pz2 (Dbl-torsion)	30	MZ-B	2	B-42226
	Pz3	30	MZ-B	2	B-42232
	T10	30	MZ-B	2	B-42248
	T15	30	MZ-B	2	B-42254
	T20	30	MZ-B	2	B-42260
	T25	30	MZ-B	2	B-42276
	T30	30	MZ-B	2	B-42282
	Sq1	30	MZ-B	2	B-42298
	Sq2	30	MZ-B	2	B-42307
	Sq3	30	MZ-B	2	B-42313
	H2.5	30	MZ-B	2	B-42329
	H3.0	30	MZ-B	2	B-42335
	H4.0	30	MZ-B	2	B-42341

Torsion screw bit

With mag





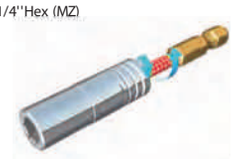
1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region B Part No.
	Ph 1	50	MZ-B	2	B-28167
	Ph 2 (Dbl-torsion)	50	MZ-B	2	B-39160
	Ph 2 (Grip)	50	MZ-B	2	B-28307
	Ph 2 (Enduro)	50	MZ-B	2	B-28313
	Ph 3	50	MZ-B	2	B-28189
	Pz 1	50	MZ-B	2	B-28276
	Pz 2 (Dbl-torsion)	50	MZ-B	2	B-39182
	Pz 3	50	MZ-B	2	B-28298
	T 10	50	MZ-B	2	B-28226
	T 15	50	MZ-B	2	B-28232
	T 20	50	MZ-B	2	B-28248
	T 25	50	MZ-B	2	B-28254
	T 30	50	MZ-B	2	B-28260
	Sq 1	50	MZ-B	2	B-28195
	Sq 2	50	MZ-B	2	B-28204
	Sq 3	50	MZ-B	2	B-28210

Accessories

Torsion bit holder

1/4''Hex (MZ)





Length (mm)	Shank Type	Per pkg.	Region B Part No.
66	MZ-B	1	B-28525

Ultra mag torsion bit holder

1/4''Hex (MZ)





Length (mm)	Shank Type	Per pkg.	Region B Part No.
79	MZ-B	1	B-28531

Double ended torsion screw bit

With magnet





1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region B Part No.
	Ph1	65	MZ-C	3	B-45129
	Ph1	90	MZ-C	1	B-45157
	Ph1	150	MZ-C	1	B-45185
	Ph2	65	MZ-C	3	B-45135
	Ph2	90	MZ-C	1	B-45163
	Ph2	150	MZ-C	1	B-45191
	Ph3	65	MZ-C	3	B-45141
	Ph3	90	MZ-C	1	B-45179
	Ph3	150	MZ-C	1	B-45200
	Pz1	65	MZ-C	3	B-45216
	Pz1	90	MZ-C	1	B-45244
	Pz1	150	MZ-C	1	B-45272
	Pz2	65	MZ-C	3	B-45222
	Pz2	90	MZ-C	1	B-45250
	Pz2	150	MZ-C	1	B-45288
	Pz3	65	MZ-C	3	B-45238
	Pz3	90	MZ-C	1	B-45266
	Pz3	150	MZ-C	1	B-45294

Tilt socket adapter







1/4''Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Region B Part No.
SQ 3/8	56	MZ-B	1	B-28547
SQ 1/2	56	MZ-B	1	B-28553

Ring nutsetter





1/4''Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Region B Part No.
8mm(5/16'')	50	MZ-B	1	B-28569
9.6mm(3/8'')	50	MZ-B	1	B-28575
10mm	50	MZ-B	1	B-28581
1/4''Hex (NZ)				
8mm(5/16'')	50	NZ-B	1	B-30455

Detachable nutsetter





* Shank 1pc. + Socket 1pc.

* *Shank 1pc. + Socket 3pcs.

1/4''Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Region B Part No.
8mm(5/16'')	61mm	MZ-B	1*	B-40266
8mm(5/16'')	61mm	MZ-B	3**	B-40353
9.6mm(3/8'')	61mm	MZ-B	1*	B-40272
9.6mm(3/8'')	61mm	MZ-B	3**	B-40369
10mm	61mm	MZ-B	1*	B-40288
10mm	61mm	MZ-B	3**	B-40375
8, 9.6, 10mm	61mm	MZ-B	3**	B-40381

Accessories

11pc. Torsion bit sets





1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region B Part No.
Ph1,Ph2,Ph3		25	A	1	B-28597
Pz1,Pz2,Pz3		25	A		
T15, T20, T25, T30		25	A		
Torsion Bit Holder		66	MZ-B		

11pc. Ultra mag torsion bit set





1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region B Part No.
Ph1,Ph2,Ph3		25	A	1	B-30754
Pz1,Pz2,Pz3		25	A		
T15, T20, T25, T30		25	A		
Ultra Mag Torsion Bit Holder		79	MZ-B		

11pc. Ultra mag torsion bit set





1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region C Part No.
Ph1,3xPh2,Ph3		25	A	1	B-30760
Sq1,3xSq2,Sq3		25	A		
Ultra Mag Torsion Bit Holder		79	MZ-B		

Flip top case bit set with hanger display





B-XXXXX-10 contains 10 sets of B-XXXXX with hanger display

Size		Length (mm)	Shank Type	Per pkg.	Region B Part No.
Ph 2		25	A	10	B-39512-10
Pz 2		25	A	10	B-39534-10
Sq 2		25	A	10	B-39556-10

Flip top case bit set with hanger display





With magnet

B-XXXXX-10 contains 10 sets of B-XXXXX with hanger display

1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region B Part No.
Ph 2 (Dbl-torsion)		50	MZ-B	10	B-42874-10
Pz 2		50	MZ-B	10	B-39540-10
Sq 2		50	MZ-B	10	B-39562-10

Ultra mag attacher & Neck torison set









1/4''Hex (NZ)

Size		Length (mm)	Shank Type	Per pkg.	Region B Part No.
Ph 2		65	NZ-C	1	B-30483

Mag boost + Torsion screw bit set



With magnet

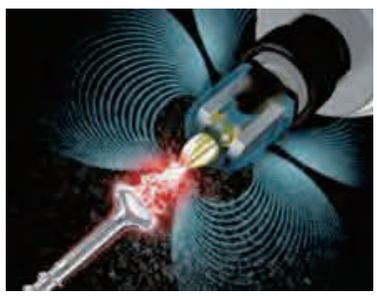
1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Region B Part No.
1 (Mag boost) + 5 (Screw bit 50mm) set				
Ph2		50mm	MZ-B	B-42488
Pz2		50mm	MZ-B	B-42472
T25		50mm	MZ-B	B-42494
Sq2		50mm	MZ-B	B-42519
Assortment				
(2 x Ph2, 2 x Pz2, T25)		50mm	MZ-B	B-42503

Accessories

Mag boost





Region B
Part No.
B-42422

Slim tough screw bit (Bulk)



1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region A
					Part No.
⊕	Ph 0 (Slim)	85	MZ-B	1	B-42575

Torsion screw bit

With magnet



* Japanese Package



1/4''Hex (NZ)

Size		Length (mm)	Shank Type	Per pkg.	Region B
					Part No.
⊕	Ph1 (Slim)	65	NZ-B	3	A-57451 *
	Ph1 (Slim)	100	NZ-B	3	A-57467 *
	Ph2 (Slim)	65	NZ-B	3	A-57473 *
	Ph2 (Slim)	65	NZ-B	6	A-57510 *
	Ph2 (Slim)	85	NZ-B	3	A-57489 *
	Ph2 (Slim)	85	NZ-B	6	A-57526 *
	Ph2 (Slim)	100	NZ-B	3	A-57495 *
	Ph2 (Slim)	100	NZ-B	6	A-57532 *
	Ph2 (Slim)	120	NZ-B	3	A-57504 *
	Ph2 (Slim)	120	NZ-B	6	A-57445 *

Double ended torsion screw bit



With magnet



1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region B
					Part No.
⊕	Ph 1	65	MZ-C	3	B-21836
	Ph 1	85	MZ-C	3	B-21842
	Ph 1	110	MZ-C	3	B-21858
	Ph 2	65	MZ-C	3	B-20703
	Ph 2	85	MZ-C	3	B-12326
	Ph 2	110	MZ-C	3	B-21864
	Ph 3	65	MZ-C	3	B-21870
	Ph 3	85	MZ-C	3	B-21886
	Ph 3	110	MZ-C	3	B-21892
⊕	Pz 1	65	MZ-C	3	B-21901
	Pz 1	85	MZ-C	3	B-21917
	Pz 1	110	MZ-C	3	B-21923
	Pz 2	65	MZ-C	3	B-20719
	Pz 2	85	MZ-C	3	B-12790
	Pz 2	85	MZ-C	18	B-16259
	Pz 2	110	MZ-C	3	B-21939
	Pz 3	65	MZ-C	3	B-20725
	Pz 3	85	MZ-C	3	B-20731
	Pz 3	110	MZ-C	3	B-21945

Size		Length	Shank Type	Per pkg.	Region C
					Part No.
■	Sq 1	2-1/2'' (65mm)	MZ-C	3	B-20884
	Sq 1	3-3/8'' (85mm)	MZ-C	3	B-20890
	Sq 1	4-3/8'' (110mm)	MZ-C	3	B-20909
	Sq 2	2-1/2'' (65mm)	MZ-C	3	B-20915
	Sq 2	3-3/8'' (85mm)	MZ-C	3	B-20921
	Sq 2	4-3/8'' (110mm)	MZ-C	3	B-20937
	Sq 3	2-1/2'' (65mm)	MZ-C	3	B-20943
	Sq 3	3-3/8'' (85mm)	MZ-C	3	B-20959
	Sq 3	4-3/8'' (110mm)	MZ-C	3	B-20965

1/4''Hex (NZ)

* Japanese Package

Size		Length (mm)	Shank Type	Per pkg.	Region B
					Part No.
⊕	Ph 1 (Slim)	65	NZ-C	3	A-52881 *
	Ph 1 (Slim)	110	NZ-C	3	A-52897 *
	Ph 2	65	NZ-C	3	A-49563 *
	Ph 2	65	NZ-C	6	A-49579 *
	Ph 2	85	NZ-C	3	A-49585 *
	Ph 2	110	NZ-C	3	A-49600 *
	Ph 2	150	NZ-C	3	A-50120 *
	Ph2 (Slim)	65	NZ-C	3	A-50924 *
	Ph2 (Slim)	85	NZ-C	3	A-50952 *
	Ph2 (Slim)	110	NZ-C	3	A-50980 *
	Ph 3	65	NZ-C	3	A-52906 *
	Ph 3	110	NZ-C	3	A-52912 *

Accessories

Screw bit blister pack 3pcs./set (C-form)

These items are available on request. Contact us for the minimum order quantity.



Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
	Ph 0	25	A	3	B-23444	B-23771	B-24103
	Ph 1	25	A	3	B-23450	B-23787	B-24119
	Ph 2	25	A	3	B-23466	B-23793	B-24125
	Ph 3	25	A	3	B-23472	B-23802	B-24131
	Ph1,Ph2,Ph3	25	A	3	B-24511	B-24549	-
	Pz 1	25	A	3	B-23488	B-23818	B-24371
	Pz 2	25	A	3	B-23494	B-23824	B-24387
	Pz 3	25	A	3	B-23503	B-23830	B-24393
	Pz1,Pz2,Pz3	25	A	3	B-24527	B-24555	-
	Sl 0.5x4.0	25	A	3	B-23519	B-23846	-
	Sl 0.6x4.5	25	A	3	B-23525	B-23852	-
	Sl 0.8x5.5	25	A	3	B-23531	B-23868	-
	Sl 1.0x5.5	25	A	3	B-23547	B-23874	-
	Sl 1.2x6.5	25	A	3	B-23553	B-23880	-
	Sl 1.2x8.0	25	A	3	B-23569	B-23896	-
	Sl 1.6x8.0	25	A	3	B-23575	B-23905	-
	Sl 3-4	25	A	3	-	-	B-24181
	Sl 4-5	25	A	3	-	-	B-24197
	Sl 5-6	25	A	3	-	-	B-24206
	Sl 6-8	25	A	3	-	-	B-24212
	Sl 8-10	25	A	3	-	-	B-24228
	Sl 10-12	25	A	3	-	-	B-24234
	Sl 12-14	25	A	3	-	-	B-24240
	T 6	25	A	3	-	-	B-24402
	T 7	25	A	3	-	-	B-24418
	T 8	25	A	3	B-23581	B-23911	B-24424
	T 9	25	A	3	-	-	B-24430
	T 10	25	A	3	B-23597	B-23927	B-24446
	T 15	25	A	3	B-23606	B-23933	B-24452
	T 20	25	A	3	B-23612	B-23949	B-24468
	T 25	25	A	3	B-23628	B-23955	B-24474
	T 27	25	A	3	B-23634	B-23961	B-24480
	T 30	25	A	3	B-23640	B-23977	B-24496
	T 40	25	A	3	B-23656	B-23983	B-24505
	T20,T25,T30	25	A	3	B-24533	B-24561	-
	H 1.5	25	A	3	B-23662	B-23999	-
	H 2.0	25	A	3	B-23678	B-24000	-
	H 2.5	25	A	3	B-23684	B-24016	-
	H 3.0	25	A	3	B-23690	B-24022	-
	H 4.0	25	A	3	B-23709	B-24038	-
	H 5.0	25	A	3	B-23715	B-24044	-
	H 6.0	25	A	3	B-23721	B-24050	-
	H 8.0	25	A	3	B-23737	B-24066	-
	H 1/16''	25	A	3	-	-	B-24256
	H 5/64''	25	A	3	-	-	B-24262
	H 3/32''	25	A	3	-	-	B-24278
	H 7/64''	25	A	3	-	-	B-24284
	H 1/8''	25	A	3	-	-	B-24290
	H 9/64''	25	A	3	-	-	B-24309
	H 5/32''	25	A	3	-	-	B-24315
	H 3/16''	25	A	3	-	-	B-24321
	H 7/32''	25	A	3	-	-	B-24337
	H 1/4''	25	A	3	-	-	B-24343
	H 5/16''	25	A	3	-	-	B-24359
	H 3/8''	25	A	3	-	-	B-24365
	Sq 0	25	A	3	-	-	B-24147
	Sq 1	25	A	3	B-23743	B-24072	B-24153
	Sq 2	25	A	3	B-23759	B-24088	B-24169
	Sq 3	25	A	3	B-23765	B-24094	B-24175

Screw bit blister pack 3pcs./set (E-form)

These items are available on request.
Contact us for the minimum order quantity.

With magnet



1/4"Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
	Ph 1	50	MZ-B	3	B-25214	B-25513	B-25812
	Ph 2	50	MZ-B	3	B-25220	B-25529	B-25828
	Ph 3	50	MZ-B	3	B-25236	B-25535	B-25834
	Ph1,Ph2,Ph3	50	MZ-B	3	B-26179	B-26200	-
	Pz 1	50	MZ-B	3	B-25242	B-25541	B-26032
	Pz 2	50	MZ-B	3	B-25258	B-25557	B-26048
	Pz 3	50	MZ-B	3	B-25264	B-25563	B-26054
	Pz1,Pz2,Pz3	50	MZ-B	3	B-26185	B-26216	-
	Sl 0.5x3.0	50	MZ-B	3	B-25270	B-25579	-
	Sl 0.5x4.0	50	MZ-B	3	B-25286	B-25585	-
	Sl 0.6x4.5	50	MZ-B	3	B-25292	B-25591	-
	Sl 0.8x5.5	50	MZ-B	3	B-25301	B-25600	-
	Sl 1.0x5.5	50	MZ-B	3	B-25317	B-25616	-
	Sl 1.2x6.5	50	MZ-B	3	B-25323	B-25622	-
	Sl 1.2x8.0	50	MZ-B	3	B-25339	B-25638	-
	Sl 1.6x8.0	50	MZ-B	3	B-25345	B-25644	-

Accessories

Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
	Sl 3-4	50	MZ-B	3	-	-	B-25878
	Sl 4-5	50	MZ-B	3	-	-	B-25884
	Sl 5-6	50	MZ-B	3	-	-	B-25890
	Sl 6-8	50	MZ-B	3	-	-	B-25909
	Sl 8-10	50	MZ-B	3	-	-	B-25915
	Sl 10-12	50	MZ-B	3	-	-	B-25921
	Sl 12-14	50	MZ-B	3	-	-	B-25937
	T 6	50	MZ-B	3	-	-	B-26060
	T 7	50	MZ-B	3	-	-	B-26076
	T 8	50	MZ-B	3	B-25351	B-25650	B-26082
	T 9	50	MZ-B	3	B-25367	B-25666	B-26098
	T 10	50	MZ-B	3	B-25373	B-25672	B-26107
	T 15	50	MZ-B	3	B-25389	B-25688	B-26113
	T 20	50	MZ-B	3	B-25395	B-25694	B-26129
	T 25	50	MZ-B	3	B-25404	B-25703	B-26135
	T 27	50	MZ-B	3	B-25410	B-25719	B-26141
	T 30	50	MZ-B	3	B-25426	B-25725	B-26157
	T 40	50	MZ-B	3	B-25432	B-25731	B-26163
	T20,T25,T30	50	MZ-B	3	B-26191	B-26222	-
	H 3.0	50	MZ-B	3	B-25448	B-25747	-
	H 4.0	50	MZ-B	3	B-25454	B-25753	-
	H 5.0	50	MZ-B	3	B-25460	B-25769	-
	H 6.0	50	MZ-B	3	B-25476	B-25775	-
	H 1/16''	50	MZ-B	3	-	-	B-25943
	H 5/64''	50	MZ-B	3	-	-	B-25959
	H 3/32''	50	MZ-B	3	-	-	B-25965
	H 7/64''	50	MZ-B	3	-	-	B-25971
	H 1/8''	50	MZ-B	3	-	-	B-25987
	H 9/64''	50	MZ-B	3	-	-	B-25993
	H 5/32''	50	MZ-B	3	-	-	B-26004
	H 3/16''	50	MZ-B	3	-	-	B-26010
	H 1/4''	50	MZ-B	3	-	-	B-26026
	Sq 1	50	MZ-B	3	B-25482	B-25781	B-25840
	Sq 2	50	MZ-B	3	B-25498	B-25797	B-25856
	Sq 3	50	MZ-B	3	B-25507	B-25806	B-25862

1/4"Hex (NZ)

	Ph1	50	NZ-B	3	B-25030	B-25068	-
	Ph2	50	NZ-B	3	B-25046	B-25074	-
	Ph3	50	NZ-B	3	B-25052	B-25080	-
	Ph1,Ph2,Ph3	50	NZ-B	3	B-25096	B-25105	-

Screw bit flip top case 25pcs./set (C-form)

These items are available on request.
Contact us for the minimum order quantity.



Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
	Ph 1	25	A	25	B-24577	B-24686	-
	Ph 2	25	A	25	B-24583	B-24692	B-24795
	Ph 3	25	A	25	B-24599	B-24701	-
	Pz 1	25	A	25	B-24608	B-24717	-
	Pz 2	25	A	25	B-24614	B-24723	-
	Pz 3	25	A	25	B-24620	B-24739	-
	Sl 6-8	25	A	25	-	-	B-24810
	Sl 8-10	25	A	25	-	-	B-24826
	T 15	25	A	25	B-24636	B-24745	B-24832
	T 20	25	A	25	B-24642	B-24751	B-24848
	T 25	25	A	25	B-24658	B-24767	B-24854
	T 30	25	A	25	B-24664	B-24773	B-24860
	Sq 2	25	A	25	B-24670	B-24789	B-24804

Screw bit flip top case 10pcs./set (E-form)

These items are available on request.
Contact us for the minimum order quantity.

With magnet



1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
	Ph 1	50	MZ-B	10	B-26238	B-26347	-
	Ph 2	50	MZ-B	10	B-26244	B-26353	B-26456
	Ph 3	50	MZ-B	10	B-26250	B-26369	-
	Pz 1	50	MZ-B	10	B-26266	B-26375	-
	Pz 2	50	MZ-B	10	B-26272	B-26381	-
	Pz 3	50	MZ-B	10	B-26288	B-26397	-
	Sl 6-8	50	MZ-B	10	-	-	B-26478
	Sl 8-10	50	MZ-B	10	-	-	B-26484
	T 15	50	MZ-B	10	B-26294	B-26406	-
	T 20	50	MZ-B	10	B-26303	B-26412	-
	T 25	50	MZ-B	10	B-26319	B-26428	-
	T 30	50	MZ-B	10	B-26325	B-26434	-
	Sq 2	50	MZ-B	10	B-26331	B-26440	B-26462

1/4''Hex (NZ)

	Ph1	50	NZ-B	10	B-25111	B-25149	-
	Ph2	50	NZ-B	10	B-25127	B-25155	-
	Ph3	50	NZ-B	10	B-25133	B-25161	-

Accessories

Screw bit mini candy jar 100pcs./set (C-form)

These items are available on request.
Contact us for the minimum order quantity.



Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
⊕	Ph 2	25	A	100	B-24876	B-24907	B-24935
⊕	Pz 2	25	A	100	B-24882	B-24913	-
▢	Sq 2	25	A	100	B-24898	B-24929	B-24941

Screw bit mini candy jar 50pcs./set (E-form)

These items are available on request.
Contact us for the minimum order quantity.

With magnet



1/4"Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
⊕	Ph 2	50	MZ-B	50	B-26490	B-26521	B-26559
⊕	Pz 2	50	MZ-B	50	B-26509	B-26537	-
▢	Sq 2	50	MZ-B	50	B-26515	B-26543	B-26565

1/4"Hex (NZ)

⊕	Ph 2	50	NZ-B	50	B-25177	B-25183	-

Screw bit plastic bag 100pcs./set (C-form)

These items are available on request.
Contact us for the minimum order quantity.



Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
⊕	Ph 2	25	A	100	B-24957	B-24985	B-25018
⊕	Pz 2	25	A	100	B-24963	B-24991	-
▢	Sq 2	25	A	100	B-24979	B-25002	B-25024

Screw bit plastic bag 100pcs./set (E-form)

These items are available on request.
Contact us for the minimum order quantity.

With magnet



1/4"Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
⊕	Ph 2	50	MZ-B	50	B-26571	B-26602	B-26630
⊕	Pz 2	50	MZ-B	50	B-26587	B-26618	-
▢	Sq 2	50	MZ-B	50	B-26593	B-26624	B-26646

1/4"Hex (NZ)

⊕	Ph 2	50	NZ-B	50	B-25199	B-25208	-

10pc. Screw bit set

These items are available on request.
Contact us for the minimum order quantity.

With magnet



1/4"Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
⊕	Ph 2	65	MZ-C	10	D-34366	D-35047	-
	Ph 2	110	MZ-C	10	D-34849	-	-

1/4"Hex (NZ)

⊕	Ph 2	45	NZ-C	10	-	D-34827	-
	Ph 2	65	NZ-C	10	D-33679	D-31740	-
	Ph 2	110	NZ-C	10	-	D-34833	-

100pcs. Candy jar

These items are available on request.
Contact us for the minimum order quantity.

With magnet



1/4"Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region A	Region B	Region C
					Part No.	Part No.	Part No.
⊕	Ph 2	65	MZ-C	100	D-31669	D-31647	-
⊕	Pz 2	65	MZ-C	100	D-34914	D-34970	-
▢	Sq 2	50	MZ-C	100	-	D-34920	-

1/4"Hex (NZ)

⊕	Ph 2	65	NZ-C	100	D-31653	D-31631	-

Phillips bit

1/4''Hex (MZ)

Size		Length (mm)	Shank Type	Per pkg.	Region A
					Part No.
⊕	Ph 2	110	MZ-B	1	784234-0

1/4''Hex (NZ)

	Ph 2	45	NZ-C	3	798308-1
	Ph 2	45	NZ-C,Hard	1	784229-3
	Ph 2	65	NZ-C	3	798309-9
	Ph 2	65	NZ-C	1	784203-1
	Ph 2	65	NZ-C,Hard	1	784230-8
	Ph 2	110	NZ-C	3	798337-4
	Ph 2	110	NZ-C	1	784206-5
⊕	Ph 2	117	NZ-B	5	A-12697
	Ph 2	150	NZ-C	3	798338-2
	Ph 2	250	NZ-C	1	784221-9
	Ph 3	45	NZ-C	3	798310-4
	Ph 3	65	NZ-C	3	798311-2
	Ph 3	110	NZ-C	3	798339-0
⊕ ⊖	Ph2 - SI0.8	45	NZ-C	1	784614-0

Accessories

Slotted bit



1/4''Hex (NZ)

A (mm)	B (mm)	Length (mm)	Shank Type	Per pkg.	Region A
					Part No.
0.6	5	45	NZ-B	3	798301-5
0.8	6	70	NZ-B	3	798298-8
1	6.35	45	NZ-B	3	798299-6
1.2	8	45	NZ-B	3	798300-7
1.2	8	70	NZ-B	3	798302-3
1.2	10	52	NZ-B	3	798303-1
1.4	10	52	NZ-B	1	784018-6

Phillips bit for screwdriver



Size		Length (mm)	Shank Type	Per pkg.	Model No.	Region A
						Part No.
⊕	Ph 2	25	A	3	DFS440	798398-4
	Ph 3	25	A	3	DFS450	798314-6

1/4''Hex (NZ)

⊕	Ph 2	122	NZ-B	5	DFR440, 6845, 6841R	A-45858
	Ph 2	132	NZ-B	5	6833 series, 6835D	A-16536
	Ph 2	162	NZ-B	5	6842, 6843, DFR540, DFR550	B-10481
	Ph 2	182	NZ-B	5	6844, DFR750	B-10475

Magnetic Bit Holder for screwdriver

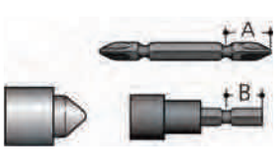


1/4''Hex (MZ)

Length (mm)	Shank Type	Per pkg.	Region A
			Part No.
60	MZ-B	1	784811-8
76	MZ-B	1	784801-1

Bit piece for screwdriver & impact driver

When using a non-Makita driver bit or socket bit, check dimensions (A) or (B). When dimensions (A) and (B) are 11 mm and 9.5 mm respectively, install this bit piece on your tool.



Part No.
322279-6

Screw bit assortment

These items are available on request. Contact us for the minimum order quantity.

11pc Screw Bit Set with magnetic bit holder
(D-XXXXX-12 contains 12 sets of D-XXXXX in counter display)



1/4"Hex (MZ)

	Region A
Ph1,Ph2,Ph3 x 25mm	Part No.
Pz1,Pz2,Pz3 x 25mm	
T15, T20, T25, T30 x 25mm	D-30651-12

Magnetic Bit Holder MZ

	Region C
Ph1,Ph2,Ph3 x 25mm	Part No.
Sl 3/16'', Sl 1/4'' x 25mm	
T15, T20 x 25mm	D-31625-12
Sq1,Sq2,Sq3 x 25mm	

Magnetic Bit Holder MZ

11pc Screw bit set with magnetic bit holder with double blister package



1/4"Hex (MZ)

	Region A
Ph2 x 25mm	Part No.
Pz1,Pz2,Pz3 x 25mm	
T10, T15, T20, T25, T30, T40 x 25mm	D-31756

Magnetic Bit Holder MZ

12pc Screw Bit Set with magnetic bit holder
(B/D-XXXXX-12 contains 12 sets of B/D-XXXXX in counter display)



1/4"Hex (MZ)

	Region A
Ph1,Ph2,Ph3 x 25mm	Part No.
Pz1,Pz2,Pz3 x 25mm	
T10, T15, T20, T25, T30 x 25mm	D-31083-12

Magnetic Bit Holder MZ

	Region C
Ph1,Ph2,Ph3 x 25mm	Part No.
Sl 3/16'', Sl 1/4'' x 25mm	
T15, T20, T25 x 25mm	D-31619-12
Sq1,Sq2,Sq3 x 25mm	

Magnetic Bit Holder MZ

1/4"Hex (NZ)

	Region A
Ph1,Ph2,Ph3 x 25mm	Part No.
Pz1,Pz2,Pz3 x 25mm	
T10, T15, T20, T25, T30 x 25mm	D-31011-12

Magnetic Bit Holder NZ

	Region B
Ph1,Ph2,Ph3 x 25mm	Part No.
T10, T15, T20, T25, T30 x 25mm	
H4, H5, H6 x 25mm	B-45381-12

Magnetic Bit Holder NZ

Accessories

18pc Screw Bit Set with sleeve chuck bit holder
(B-XXXXX-6 contains 6 sets of B-XXXXX with hanger display)
(B-XXXXX-12 contains 12 sets of B-XXXXX in counter display)



1/4"Hex (MZ)

	Region A	Region B
Ph1, 2xPh2, Ph3 x 25mm Ph1, Ph2, Ph3 x 50mm	Part No.	Part No.
Pz1, 2xPz2, Pz3 x 25mm Pz1, Pz2, Pz3 x 50mm	B-28896-6	B-28905-6
Sl4, Sl5, Sl6 x 50mm		

Sleeve Chuck Bit Holder MZ

	Region C
Ph1, 2xPh2, Ph3 x 25mm Ph1, 2xPh2, Ph3 x 50mm	Part No.
Sq1, 2xSq2, Sq3 x 25mm Sq1, 3xSq2, Sq3 x 50mm	B-40571-6

Sleeve Chuck Bit Holder MZ

	Region A
8xPh2 x 25mm 3xPh2 x 50mm	Part No.
Pz1, Pz2, Pz3 x 50mm Sl4, Sl5, Sl6 x 50mm	B-43000-12

Sleeve Chuck Bit Holder MZ

1/4"Hex (MZ)

	Region B
Ph1, 2xPh2, Ph3 x 25mm Ph1, Ph2, Ph3 x 50mm	Part No.
Sl4, Sl5, Sl6 x 50mm T10, T15, T20, T25 x 25mm H4, H5, H6 x 50mm	B-45397-6

Sleeve Chuck Bit Holder NZ

28pc Screw Bit Set with magnetic bit holder
(B-XXXXX-6 contains 6 sets of B-XXXXX with hanger display)
(B-XXXXX-12 contains 12 sets of B-XXXXX in counter display)



1/4"Hex (MZ)

	Region A	Region B
Ph0, Ph1, 3xPh2, Ph3 x 25mm Pz0, Pz1, 2xPz2, Pz3 x 25mm	Part No.	Part No.
Sl4, Sl5, Sl6 x 25mm T10, T15, T20, T25, T27, T30, T40 x 25mm H2, H2.5, H3, H4, H5, H6 x 25mm	B-28911-6	B-28927-6

Magnetic Bit Holder MZ

	Region A
15xPh2, 3xPh3 x 25mm Sl4, Sl5, Sl6 x 25mm T10, T15, T20, T25, T30, T40 x 25mm	Part No.
	B-40347-12

Magnetic Bit Holder MZ

1/4"Hex (NZ)

	Region B
Ph0, Ph1, 3xPh2, Ph3 x 25mm Pz0, Pz1, 2xPz2, Pz3 x 25mm Sl4, Sl5, Sl6 x 25mm T10, T15, T20, T25, T27, T30, T40 x 25mm H2, H2.5, H3, H4, H5, H6 x 25mm	Part No.
	B-45412-6

Magnetic Bit Holder NZ

31pc Screw Bit Set with sleeve chuck bit holder
(D-XXXXX-12 contains 12 sets of D-XXXXX in counter display)



1/4"Hex (MZ)

	Region A	Region B
2xPh1, 4xPh2, Ph3 x 25mm 2xPz1, 5xPz2, Pz3 x 25mm Sl4.0, Sl5.5, Sl6.5 x 25mm 2xT10, 2xT15, 2xT20, 3xT25, 2xT30, T40 x 25mm	Part No.	Part No.
	D-30667-12	D-35031-12

Sleeve Chuck Bit Holder MZ

31pc Screw Bit Set easy remobable bit holder case
(B/D-XXXXX-12 contains 12 sets of B/D-XXXXX in counter display)



1/4"Hex (MZ)

	Region A	Region B
Ph1, 2xPh2, Ph3 x 25mm Pz1, 2xPz2, Pz3 x 25mm 3xT10, 3xT15, 4xT20, 4xT25, 3xT30. 2xT40 x 25mm H4, H5, H6 x 25mm	Part No.	Part No.
	D-34936-12	D-34964-12

Magnetic Bit Holder MZ

1/4"Hex (NZ)

	Region B
Ph1, 2xPh2, Ph3 x 25mm Sl4, 2xSl5, Sl6 x 25mm 3xT10, 3xT15, 4xT20, 4xT25, 3xT30, 2xT40 x 25mm H4, H5, H6 x 25mm	Part No.
	B-45406-12

Magnetic Bit Holder NZ

37pc Screw bit set with magnetic bit holder
(B-XXXXX-10 contains 10 sets of B-XXXXX in counter display)



1/4"Hex (MZ)

	Region A	Region B
Ph0, Ph1, 2xPh2, Ph3 x 25mm Pz0, Pz1, 2xPz2, Pz3 x 25mm Sl0.5x4.0, Sl0.6x4.5, Sl1.0x5.5, Sl1.2x6.5 x 25mm T10, 2xT15, 2xT20, 2xT25, T27, 2xT30, T40 x 25mm T10H, T15H, T20H, T25H, T27H, T30H, T40H x 25mm H3, H4, H5, H6 x 25mm	Part No.	Part No.
	B-28606-10	B-29119-10

Magnetic Bit Holder MZ





Flexible bit

Flexible extension for driving into hard to access corners.

* 1 Include Ph2-30mm, Sl 1.0x6.0 - 30mm.

*2 These items are available on request. Contact us for the minimum order quantity.



Overall length	Region A	Region B
	Part No.	Part No.
190 mm	A-86963 *1	-
200mm	B-29072 *2	B-29088 *2
300 mm	B-29094 *2	B-29103 *2

Accessories

Makita Shock Driver

Makita shock driver is very useful tool which is able to be used as a regular hand driver and a shock driver when you work on the stripped screw.



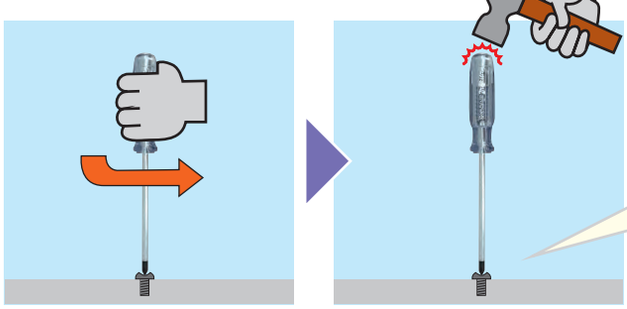


This handy driver can remove the crushed or stripped screws which could not be loosed by the electric tools. Applying the impact onto the handle generates a torque in the rotation direction, so the stripped screws can be removed.

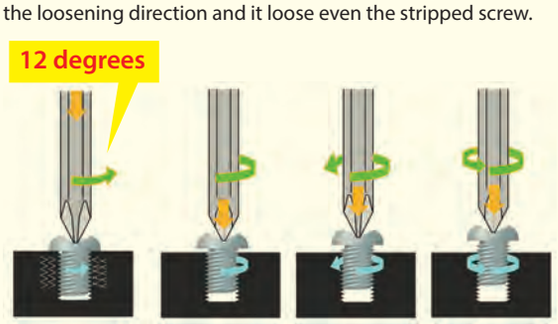


How to remove

1. While applying force in the fastening direction, hold the grip securely.
2. Apply strong impact with the hammer.

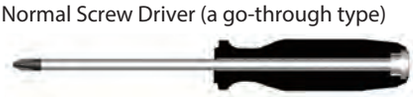


*The impact onto the handle generates the 12 degrees torque in the loosening direction and it loose even the stripped screw.



Difference from normal driver or existing shock driver

This product's cost is higher than normal driver (a go-through type).
However, it has similar function as more expensive existing shock driver which is special tool.

Item	Price	Weight	Screw removal	Stripped screw removal
Makita Shock Driver 	Medium	Normal	○	○
Normal Screw Driver 	Very Low	Light	○	×
Normal Screw Driver (a go-through type) 	Low	Normal	○	△
Existing Shock Driver  	High	Heavy	×	◎

Screw kind
Our shock driver is intended for machine screws only. It is not available for screws into soft member such as wood screw or topping screw. Even after applying impact, the soft member might absorb the impact, or member itself might break. Also, it cannot be used for even machine screws that attach soft member such as aluminum, copper or thin board.

Accessories

Shock driver

B-XXXXX-10 contains 10 sets of B-XXXXX with hanger display



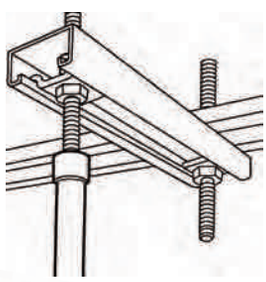


Size		Length (mm)	Region B Part No.
⊕	Ph2	125	B-42438-10
	Ph3	150	B-42444-10
⊕	Ph2	125	B-42450-10
	Ph3	150	B-42466-10

Hollow socket bit

Able to screw nut to the middle of the threaded rod. Hollow inside makes the bit lighter.







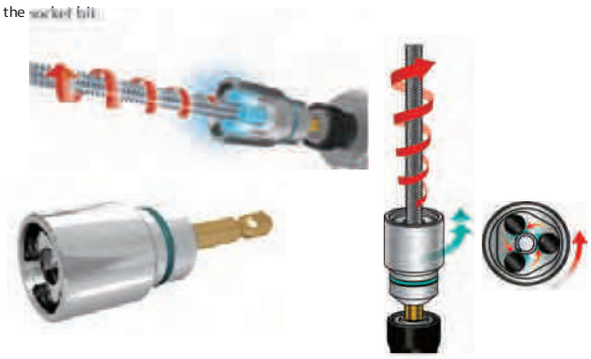


1/4''Hex (MZ)

A (mm)	Length (mm)	Shank Type	Per pkg.	Region B Part No.
9/16''	3''	MZ-B	1	B-43290
9/16''	6''	MZ-B	1	B-43309
9/16''	12''	MZ-B	1	B-43315
9/16''	18''	MZ-B	1	B-43321
9/16''	24''	MZ-B	1	B-43337
3/4''	3''	MZ-B	1	B-43343
3/4''	6''	MZ-B	1	B-43359
3/4''	12''	MZ-B	1	B-43365
3/4''	18''	MZ-B	1	B-43371
3/4''	24''	MZ-B	1	B-43387

Threaded rod socket bit

By rotating the threaded rod inserted into the socket bit, the pins inside of the socket move towards the center of the socket along to the inner surface of the socket and grip the threaded rod tightly. With that state, able to screw the threaded rod by rotating the socket bit



1/4''Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Region B Part No.
M6	66	MZ-B	1	B-42961
M8	66	MZ-B	1	B-42977
M10	66	MZ-B	1	B-42983

Threaded rod socket bit 3pcs assortment



1/4''Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Region B Part No.
M6,M8,M10	66	MZ-B	3	B-42999

Threaded rod socket bit 9pcs Display set

Pop with threaded rod (8mm)



1/4''Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Region B Part No.
3 x M6 (B-42961) 3 x M8 (B-42977) 2 x M10 (B-42983) 1 x M6,M8,M10 (B-42999)	66	MZ-B	9	B-43022

Accessories

Magnet nutsetter

These items are available on request. Contact us for the minimum order quantity.





1/4''Hex (MZ)

Size	A	Length (mm)	Shank Type	Per pkg.	Region A Part No.	Region B Part No.
M3	5.5mm	50	MZ-B	1	B-38685	B-38906
M3.5	6mm	50	MZ-B	1	B-38691	B-38912
M4	7mm	50	MZ-B	1	B-38700	B-38928
M5	8mm	50	MZ-B	1	B-38716	B-38934
M6	10mm	50	MZ-B	1	B-38722	B-38940
M8	12mm	50	MZ-B	1	B-38738	B-38956
M8	13mm	50	MZ-B	1	B-38744	B-38962
M10	17mm	50	MZ-B	1	B-38750	B-38978
1/8''	1/4''	50	MZ-B	1	B-38766	B-38984
3/16''	5/16''	50	MZ-B	1	B-38772	B-38990
1/4''	3/8''	50	MZ-B	1	B-38788	B-39001

Magnet nutsetter 5pcs assortment



1/4''Hex (MZ)

A (mm)	Length (mm)	Shank Type	Per pkg.	RegionA Part No.	Region B Part No.
6,8,10,12,13	50	MZ-B	1pc each	B-39154	B-39176

Magnet nutsetter (Inch)

Total length: 1-7/8'' (50mm)





Size: inch

1/4''Hex (MZ)

A (Inch)	Length (Inch)	Shank Type	Per pkg.	Region C Part No.
1/4''	1-7/8''	MZ-B	1	B-38794
5/16''	1-7/8''	MZ-B	1	B-38803
3/8''	1-7/8''	MZ-B	1	B-38819
7/16''	1-7/8''	MZ-B	1	B-38825
1/2''	1-7/8''	MZ-B	1	B-38831

Magnet nutsetter 3pcs assortment (Inch)



Size: inch

1/4''Hex (MZ)

A (Inch)	Length (Inch)	Shank Type	Per pkg.	Region C Part No.
1/4'' , 5/16'' , 3/8''	1-7/8''	MZ-B	1pc each	B-38847

Magnet nutsetter 4pcs assortment (Inch)



Size: inch

1/4''Hex (MZ)

A (Inch)	Length (Inch)	Shank Type	Per pkg.	Region C Part No.
1/4'' ,5/16'' ,3/8'' ,7/16''	1-7/8''	MZ-B	1pc each	B-38853

Magnet nutsetter (Inch)

Total length: 2-9/16'' (65mm)







Size: inch

1/4''Hex (MZ)

A (Inch)	Length (Inch)	Shank Type	Per pkg.	Region C Part No.
1/4''	2-9/16''	MZ-B	1	B-45076
5/16''	2-9/16''	MZ-B	1	B-45082
3/8''	2-9/16''	MZ-B	1	B-45098
7/16''	2-9/16''	MZ-B	1	B-45107

Accessories

Nutsetter (Bulk)





*For self drilling screw

1/4''Hex (MZ)

Size	A	Length (mm)	Shank Type	Per pkg.	Region A Part No.
M5	8mm	65	MZ-B	1	784415-6
1/2''	7/16''	65	MZ-B	1	784414-8
1/4''Hex (NZ)					
M3	5.5mm	55	NZ-B	1	784401-7
1/4''	3/8''	55	NZ-B	1	*784404-1
M4	7mm	55	NZ-B	1	784402-5
M5	8mm	55	NZ-B	1	784403-3
M6	10mm	55	NZ-B	1	784405-9
M6	10mm	70	NZ-B	1	784406-7
M8	12mm	86	NZ-B	1	784407-5
M8	13mm	55	NZ-B	1	784408-3
M8	14mm	55	NZ-B	1	784409-1
M10	17mm	55	NZ-B	1	784416-4

Magnet nutsetter (Bulk)

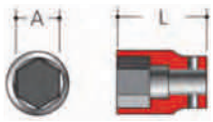
1/4''Hex (MZ)

Size	A	Length (mm)	Shank Type	Per pkg.	Region A Part No.
1/8''	1/4''	65	MZ-B	1	784803-7
3/16''	5/16''	65	MZ-B	1	784804-5
1/4''	3/8''	65	MZ-B	1	784802-9
M6	10mm	65	MZ-B	1	784806-1
1/2''	7/16''	65	MZ-B	1	784805-3
1/4''Hex (NZ)					
3/16''	5/16''	55	NZ-B	1	784808-7
1/4''	3/8''	55	NZ-B	1	784809-5

Impact Socket

(With pin and O ring)







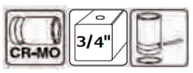


For Impact Wrenches with 1/2'' square drive.

A(mm)	L(mm)	Part No.
10	38	B-10497
12	38	A-89931
12	75	134867-5
13	38	134825-1
13	52	134827-7
14	38	134826-9
14	52	134828-5
16	38	B-10506
17	38	134829-3
17	52	134830-8
19	38	134831-6
19	52	134832-4
19	78	134837-4
21	38	134838-2
21	52	134833-2
21	78	134839-0
22	38	134851-0
22	52	134834-0
23	38	134840-5
23	52	134835-8
24	45	134841-3
24	52	134836-6
26	50	134842-1
26	78	134843-9
27	50	134844-7
27	78	134845-5
30	50	134846-3
30	78	134847-1
32	50	134848-9
32	78	134849-7



Accessories



For Impact Wrenches with 19mm (3/4'') square drive.

A (mm)	L (mm)	Part No.
17	50	A-85494
17	95	A-85503
19	50	A-85519
19	95	A-85525
21	52	A-85531
21	95	A-85547
22	52	A-85553
22	95	A-85569
24	52	A-85575
24	95	A-85581
26	52	134853-6
26	95	134854-4
27	52	134855-2
27	95	134856-0
30	52	134857-8
30	95	134858-6
32	52	134871-4
32	95	134859-4
35	56	134860-9
35	95	134861-7
36	56	134862-5
36	95	134863-3



For Impact Wrenches with 25mm (1'') square drive.

A (mm)	L (mm)	Part No.
35	80	134864-1
36	80	134865-9
41	80	134872-2

9pc Impact Socket set



(With pin and O ring)

8,10,13,16,17,18,19,21,24mm Impact socket

These items are available on request.
Contact us for the minimum order quantity.





Region A	Region B
Part No.	Part No.
D-41517	D-42575

Impact Socket

(Without pin and O ring)

These items are available on request.
Contact us for the minimum order quantity.



For Impact Wrenches with 3/8'' square drive.





A(mm)	L(mm)	Region A
		Part No.
6	28	B-39883
7	28	B-39899
8	28	B-39908
9	28	B-39914
10	28	B-39920
11	28	B-39936
12	28	B-39942
13	28	B-39958
14	28	B-39964
15	28	B-39970
16	28	B-39986
17	30	B-39992
18	30	B-40004
19	30	B-40010
20	30	B-40026
21	30	B-40032
22	30	B-40048



For Impact Wrenches with 1/2'' square drive.



A(mm)	L(mm)	Region A
		Part No.
8	38	B-40054
9	38	B-40060
10	38	B-40076
11	38	B-40082
12	38	B-40098
13	38	B-40107
14	38	B-40113
15	38	B-40129
16	38	B-40135
17	38	B-40141
18	38	B-40157
19	38	B-40163
20	38	B-40179
21	38	B-40185
22	38	B-40191
23	38	B-40200
24	38	B-40216
27	42	B-40222
30	44	B-40238
32	44	B-40244

ACCESSORIES

Drill and Screw Bit Sets



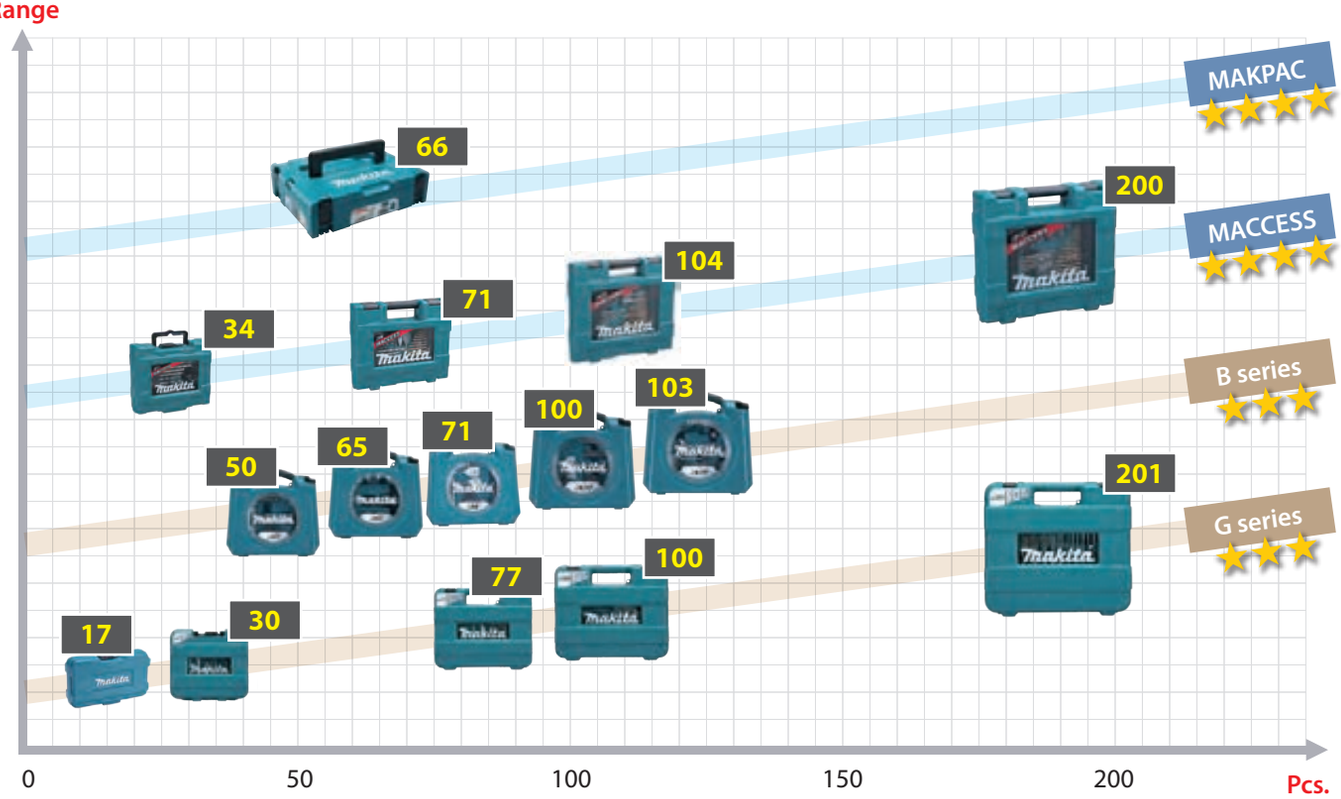
Accessories

Accessory set

Line UP

Range	Series		Pcs.	Metric (Shank type MZ)	Metric (Shank type NZ)	Inch (Shank type MZ)
★★★★	MAKPAC series 	MAKPAC accessory set comes with Makpac type 1. It consists of metal drill, wood drill and screw bit which are suitable for cordless driver drills. The quality is same as MACCESS.	66	○	○	
★★★★	MACCESS series 	MACCESS series contains high quality items of screw bits, drill bits, hand tools, and so on. We are sure that the professional users will be satisfied with these bit sets of MACCESS.	34	○		
			71	○		
			104	○		
			200	○		
★★★	B series 	B series comes with bit and hand tool set. These series are more reasonable than MACCESS series.	50	○	○	
			65	○		
			71	○	○	
			100	○		
			103	○	○	
★★★	G series 	G series does not contain neither high quality expensive items nor hand tools, to keep it less expensive.	17	○	○	○
			30	○	○	
			77	○		
			100	○		
			201	○		

Range



Accessories



MAKPAC 66pcs. Drill & screw bit set

metric size Type MZ

HSS Drill Bit x11pcs. (4 / 5 / 6 / 8 / 10 mm)

Wood Drill Bit x5pcs. (4 / 5 / 6 / 8 / 10 mm), Flat Bit x3pcs. (16 / 20 / 25 mm)

Sleeve chuck Bit Holder, Screw bit 25mm x36pcs.
(Ph0 / Ph1 / Ph2 x2 / Ph3 / Pz0 / Pz1 / Pz2 x2 / Pz3 / Sl0.5 / Sl0.6 / Sl1.0 / Sl1.2 / T10 / T15x2 / T20x2 / T25x2 / T27 / T30x2 / T40 / T10H / T15H / T20H / T25H / T27H / T30H / T40H / H3 / H4 / H5 / H6)

Magnetic Bit Holder, Screw bit 50mmx10pcs. (Ph2x5 / Pz2x5) Socket x5pcs. (6 / 8 / 10 / 12 / 13 mm)

Region A	Region B
Part No.	Part No.
B-43044	B-43050



metric size Type NZ

HSS Drill Bit x11pcs. (4 / 5 / 6 / 8 / 10 mm)

Wood Drill Bit x5pcs. (4 / 5 / 6 / 8 / 10 mm), Flat Bit x3pcs. (16 / 20 / 25 mm)

Sleeve chuck Bit Holder, Screw bit 25mm x36pcs.
(Ph0 / Ph1 / Ph2 x2 / Ph3 / Pz0 / Pz1 / Pz2 x2 / Pz3 / Sl0.5 / Sl0.6 / Sl1.0 / Sl1.2 / T10 / T15x2 / T20x2 / T25x2 / T27 / T30x2 / T40 / T10H / T15H / T20H / T25H / T27H / T30H / T40H / H3 / H4 / H5 / H6)

Magnetic Bit Holder, Screw bit 50mmx10pcs. (Ph2x5 / Pz2x5)

Socket x5pcs. (6 / 8 / 10 / 12 / 13 mm)

Region B
Part No.
B-43072

Accessories

'MACCESS series' the best quality, ever!

MACCESS

MACCESS series contains high quality items of screw bits, drill bits, hand tools, and so on. We are sure that the professional users will be satisfied with these bit sets of MACCESS.



	Region A	Region B
	Part No.	Part No.
200pc.	D-37194	D-37203
104pc.	D-31778	D-37150

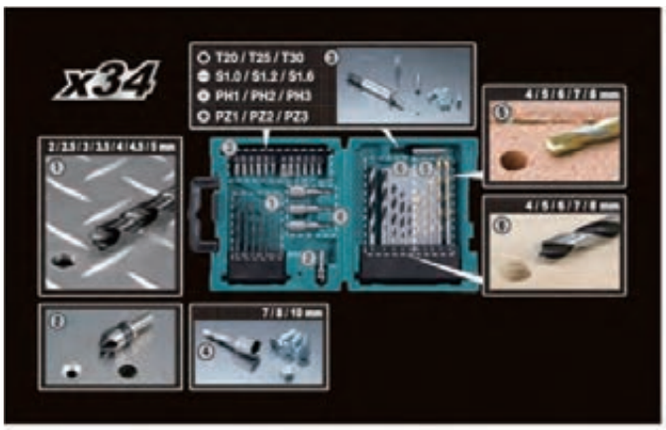
	Region A	Region B
	Part No.	Part No.
71pc.	D-33691	D-37144
34pc.	D-36980	D-36996

Accessories

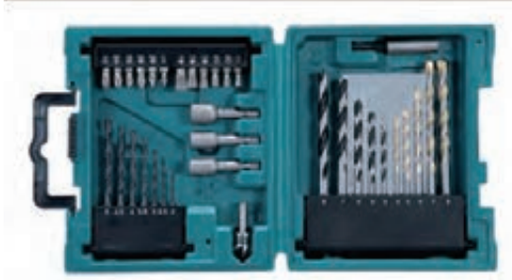
34pc. combination set

metric size Type MZ

HSS-R metal drill bits (7pcs.), masonry drill bits (5pcs.), brad point drill bits (5pcs.), countersink, screw bits L=25mm (12pcs.), socket wrenches (3pcs.), magnetic bit holder





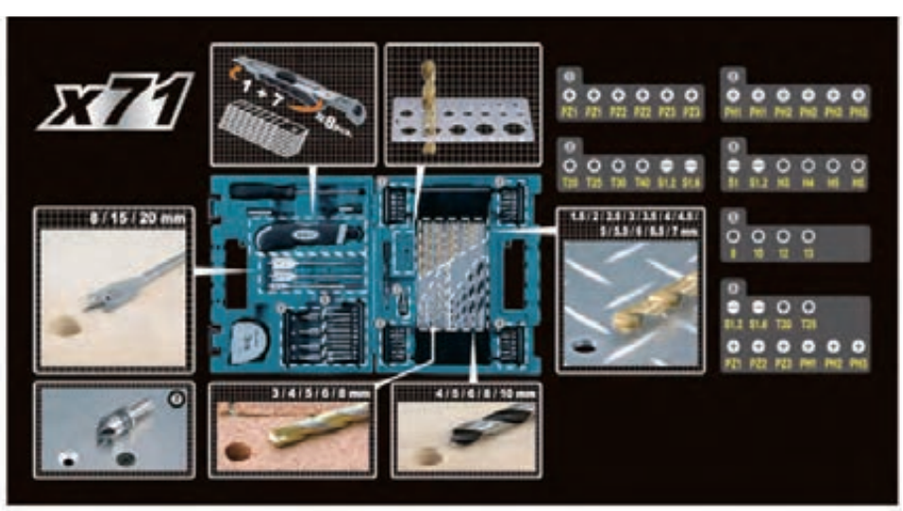


Region A	Region B
Part No.	Part No.
D-36980	D-36996

71pc. combination set

metric size Type MZ

HSS-TiN drill bits (12pcs.), masonry drill bits (5pcs.), brad point drill bits (5pcs.), flat bits (3pcs.), countersink, screw bits L=25mm (24pcs.), magnetic bit holder, Sleeve chuck bit holder, screw bits L=50mm(10pcs.), socket wrenches (4pcs.), measure 3m, center punch, diameter gauge, cutter knife with 7 spare blades (1set), screw driver for C form (hand tool)







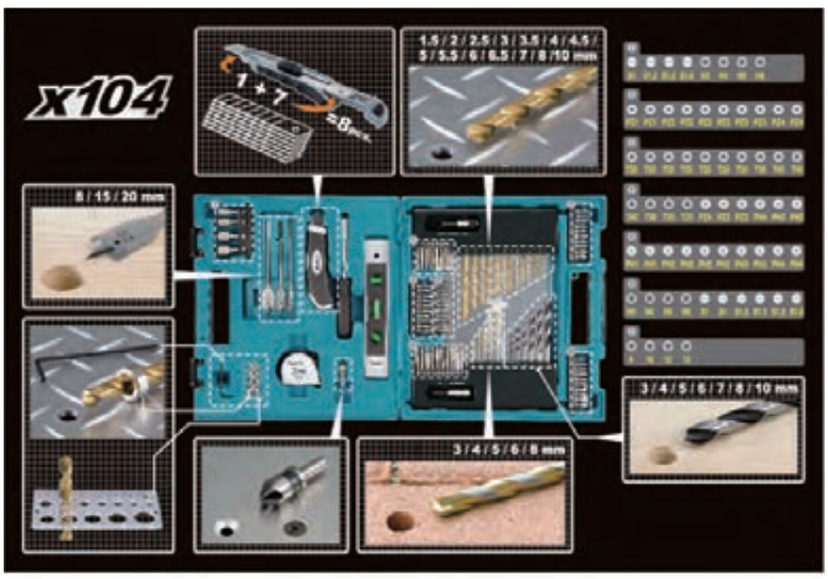
Region A	Region B
Part No.	Part No.
D-33691	D-37144

Accessories

104pc. combination set

metric size Type MZ

HSS-TiN drill bits (14pcs.), masonry drill bits (5pcs.), brad point drill bits (7pcs.), flat bits (3pcs.), countersink, depth guage (4pcs.), hex. wrench 2.5 for depth gauge, screw bits L=25mm (40pcs.), magnetic bit holder, Sleeve chuck bit holder, screw bits L=50mm (18pcs.), socket wrenches (4pcs.), leveler, measure 3m, diameter gauge, cutter knife with 7 spare blades (1set), screw driver for C form (hand tool)





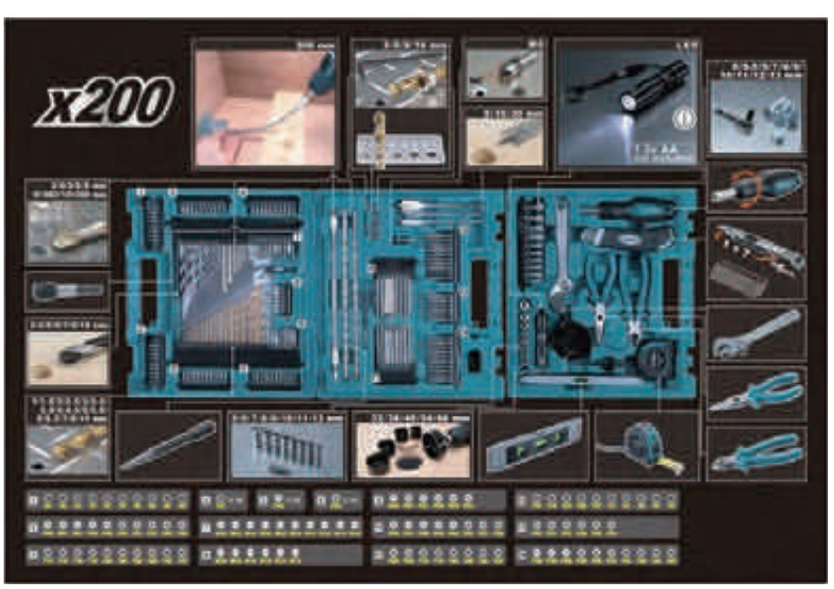


Region A	Region B
Part No.	Part No.
D-31778	D-37150

200pc. combination set

metric size Type MZ

HSS-TiN drill bits (16pcs.), masonry drill bits (7pcs.), brad point drill bits (7pcs.), flat bits (3pcs.), screw bits L=100mm (16pcs.), screw bits L=50mm (42pcs.), screw bits L=25mm (66pcs.), Sleeve chuck bit holder, socket wrenches (10pcs.), depth gauges (4pcs.), hex. wrench 2.5 for depth gauge, countersink, hole saws (5pcs.), arbor for hole saw, leveler, measure 5m, diameter gauge, cutter knife with 7 spare blades (1set), pen light, 300mm flexible bit holder, sockets (8pcs.), socket holder, ratchet for screwdriver, nose plier, combination plier, center ponch, adjustable wrench







Region A	Region B
Part No.	Part No.
D-37194	D-37203

Accessories

B series combination set

B series come with bit and hand tool set.
These series are more reasonable than MACCESS series.



50pc. Bit & Hand Tool Display Set B50 (6pc. set)

metric size Type MZ

Masonry Drill Bit x6pcs. (4 / 5 / 6 / 7 / 8 / 10 mm)
Wood Drill Bit x5pcs. (4 / 5 / 6 / 8 / 10 mm), Flat Bit x2pcs. (16 / 22 mm)
HSS-R Drill Bit x11pcs. (1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 mm)
Diameter gauge 1-10mm, Countersink, Knife
Screw bit 25mm x18pcs. (Ph1 / Ph2 x2 / Ph3 / Pz1 / Pz2 x2 / Pz3 /
SI4/ SI6/ SI7 / T15 / T20 / T25 / H3 / H4 / H5 / H6)
Magnetic Bit Holder, Socket x3pcs. (7 / 8 / 10 mm), Socket Adapter



Region A	Region B
Part No.	Part No.
D-42014-6	D-42313-6

metric size Type NZ (Bulk, without counter display)

Masonry Drill Bit x6pcs. (4 / 5 / 6 / 7 / 8 / 10 mm)
Wood Drill Bit x5pcs. (4 / 5 / 6 / 8 / 10 mm), Flat Bit x2pcs. (16 / 22 mm)
HSS-R Drill Bit x11pcs. (1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 mm)
Diameter gauge 1-10mm, Countersink, Knife
Screw bit 25mm x18pcs. (Ph1 / Ph2 x2 / Ph3 / Pz1 / Pz2 x2 / Pz3 /
SI4/ SI6/ SI7 / T15 / T20 / T25 / H3 / H4 / H5 / H6)
Magnetic Bit Holder, Socket x3pcs. (7 / 8 / 10 mm), Socket Adapter

Region B
Part No.
D-53687

65pc. Ratchet & bit Display set B65 (6pc. set)

metric size Type MZ

Rachet driver
Screw bit 50mm x10pcs. (Ph0 / Ph1 / Ph2 / Ph3 / Pz0 / Pz1 / Pz2 / Pz3 / SI4 / SI6)
Screw bit 25mm x31pcs. (Ph0 x2 / Ph1 x2 / Ph2 x2 / Ph3 x2 / Pz0 x2 / Pz1 x2 / Pz2 x2 / Pz3 x2 /
SI4 x2 / SI6 x2 / SI7 x2 / T10 x2 / T15 x2 / T20 x2 / T25 / T30 / T40 / H3 x2 / H4 x2 / H5 x2 / H6 x2
), Magnetic Bit Holder, Flex shaft, Socket mm x6pcs. (6 / 7 / 8 / 9 / 10 / 13 mm), Socket inch
x6pcs. (1/4" , 9/32" , 5/16" , 11/32" , 3/8" , 1/2")
Socket Adapter for 25mm screw driver



Region A	Region B
Part No.	Part No.
D-42020-6	D-42329-6

71pc. bit & hand tool set B71 (6pc. set)

metric size Type MZ

Masonry Drill Bit x6pcs. (4 / 5 / 6 / 7 / 8 / 10 mm)
Wood Drill Bit x5pcs. (4 / 5 / 6 / 8 / 10 mm), Flat Bit x3pcs. (16 / 22 / 32 mm)
HSS-R Drill Bit x11pcs. (1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 mm)
Measure 3m, Diameter gauge 1-10mm, countersink,
Screw bit 50mm x10pcs. (Ph1 / Ph2 / Ph3 / Pz1 / Pz2 / Pz3 / SI4 / SI6 / T20 / T25)
Screw bit 25mm x24pcs. (Ph0 / Ph1 x2 / Ph2 x2 / Ph3 / Pz0 / Pz1 x2 / Pz2 x2 / Pz3 /
SI4 / SI6 / SI7 / T10 / T15 / T20 / T25 / T40 / H3 / H4 / H5 / H6)
Magnetic Bit Holder, Socket x7pcs. (4 / 5 / 6 / 7 / 8 / 9 / 10 mm)
Socket Adapter for 25mm screw driver



Region A	Region B
Part No.	Part No.
D-47145-6	D-47189-6

metric size Type NZ (Bulk, without counter display)

Masonry Drill Bit x6pcs. (4 / 5 / 6 / 7 / 8 / 10 mm)
Wood Drill Bit x5pcs. (4 / 5 / 6 / 8 / 10 mm), Flat Bit x3pcs. (16 / 22 / 32 mm)
HSS-R Drill Bit x11pcs. (1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 mm)
Measure 3m, Diameter gauge 1-10mm, countersink,
Screw bit 50mm x10pcs. (Ph1 / Ph2 / Ph3 / Pz1 / Pz2 / Pz3 / SI4 / SI6 / T20 / T25)
Screw bit 25mm x24pcs. (Ph0 / Ph1 x2 / Ph2 x2 / Ph3 / Pz0 / Pz1 x2 / Pz2 x2 / Pz3 /
SI4 / SI6 / SI7 / T10 / T15 / T20 / T25 / T40 / H3 / H4 / H5 / H6)
Magnetic Bit Holder, Socket x7pcs. (4 / 5 / 6 / 7 / 8 / 9 / 10 mm)
Socket Adapter for 25mm screw driver

Region B
Part No.
D-53001

Accessories

100pc. Bit & Hand Tool Display Set B100 (5pc. set)

metric size Type MZ

Wood Drill x5pcs. (3 / 4 / 5 / 6 / 7 / 8 / 10 mm), Flat Bit x3pcs. (16 / 22 / 32 mm)
HSS-R Drill Bit x11pcs. (1 / 1.5 / 2x2 / 2.5 / 3x2 / 3.5 / 4x2 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 8 / 10 mm),
Hole saw (32 / 38 / 45 / 54 mm), Hole saw arbor, Depth stop (3 / 5 / 8 / 10 mm)
Level , Diameter gauge 1-10mm, Hex key wrench , Countersink, Rachet driver ,
Screw bit 25mm x24pcs. (Ph0x2 / Ph1x2 / Ph2x3 / Ph3x3 / Pz0x2 / Pz1x2 / Pz2x3 / Pz3x3 /
Sl4x2 / Sl6x2 / Sl7x2 / T10x2 / T15x2 / T20x2 / T25x2 / T30 / T40 / H3 / H4 / H5 / H6), Magnetic
Bit Holder, Socket x8pcs. (5 / 6 / 7 / 8 / 9 / 10 / 11 / 13 mm)
Socket Adapter for 25mm screw driver, LED light



Region A	Region B
Part No.	Part No.
D-42036-5	D-42335-5

103pc. Bit & Hand Tool Display Set B103 (5pc. set)

metric size Type MZ

Masonry Drill x7pcs. (3 / 4 / 5 / 5.5 / 6 / 7 / 8 mm)
Wood Drill x7pcs. (3 / 4 / 5 / 6 / 7 / 8 / 10 mm), Flat Bit x3pcs. (16 / 22 / 32 mm)
HSS-R Drill Bit x11pcs. (1 / 1.5 / 2 x2 / 2.5 / 3 x2 / 3.5 / 4 x2 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 8 / 10 mm
), Hole saw (32 / 38 / 45 / 54 mm), Hole saw arbor, Depth stop (3 / 5 / 8 / 10 mm)
Measure 3m, Diameter gauge 1-10mm, Hex key wrench, Level, Countersink,
Screw bit 25mm x24pcs. (Ph0 x2 / Ph1 x2 / Ph2 x3 / Ph3 x3 / Pz0 x2 / Pz1 x2 / Pz2 x3 / Pz3 x3 /
Sl4 x2 / Sl6 x2 / Sl7 x2 / T10 x2 / T15 x2 / T20 x2 / T25 x2 / T30 / T40 / H3 / H4 / H5 / H6),
Magnetic Bit Holder, Socket x7pcs. (5 / 6 / 7 / 8 / 9 / 10 / 11 / 13 mm)
Socket Adapter for 25mm screw driver, Long nose plier, Comnination plire,
Adjustable wrench, Nail hammer



Region A	Region B
Part No.	Part No.
D-42042-5	D-42341-5

metric size Type NZ (Bulk, without counter display)
Masonry Drill x7pcs. (3 / 4 / 5 / 5.5 / 6 / 7 / 8 mm)
Wood Drill x7pcs. (3 / 4 / 5 / 6 / 7 / 8 / 10 mm), Flat Bit x3pcs. (16 / 22 / 32 mm)
HSS-R Drill Bit x11pcs. (1 / 1.5 / 2 x2 / 2.5 / 3 x2 / 3.5 / 4 x2 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 8 / 10 mm),
Hole saw (32 / 38 / 45 / 54 mm), Hole saw arbor, Depth stop (3 / 5 / 8 / 10 mm)
Measure 3m, Diameter gauge 1-10mm, Hex key wrench, Level, Countersink,
Screw bit 25mm x24pcs. (Ph0 x2 / Ph1 x2 / Ph2 x3 / Ph3 x3 /
Pz0 x2 / Pz1 x2 / Pz2 x3 / Pz3 x3 / Sl4 x2 / Sl6 x2 / Sl7 x2 /
T10 x2 / T15 x2 / T20 x2 / T25 x2 / T30 / T40 / H3 / H4 / H5 / H6), Magnetic

Bit Holder, Socket x7pcs. (5 / 6 / 7 / 8 / 9 / 10 / 11 / 13 mm),
Socket Adapter for 25mm screw driver, Long nose plier,
Comnination plire,
Adjustable wrench, Nail hammer

Region B
Part No.
D-53017

G series combination set

G series does not contain neither high quality expensive items nor hand tools, to keep it less expensive.



17pc. combination set

metric size Type MZ

HSS-R Drill Bit x4pcs. (3 / 4 / 5 / 6mm)
Masonry Drill Bit x4pcs. (4 / 5 / 6 / 8 mm)
Screw bit 25mm x12pcs. (Ph2 / Ph3 / Pz2 / Pz3 /
T20 / T25 / Sl0.8 / Sl1.2)
Magnetic Bit Holder





Region A	Region B
Part No.	Part No.
D-40200	D-40216

metric size Type NZ

HSS-R Drill Bit x4pcs. (3 / 4 / 5 / 6mm)
Masonry Drill Bit x4pcs. (4 / 5 / 6 / 8 mm)
Screw bit 25mm x12pcs. (Ph2 / Ph3 / Pz2 / Pz3 / T20 / T25 / Sl0.8 / Sl1.2)
Magnetic Bit Holder

Region B
Part No.
D-53693

inch size Type MZ

HSS-R Drill Bitx4pcs. (1/8", 3/16", 7/32", 1/4")
Masonry Drill Bit x4pcs. (3/16", 7/32", 1/4", 5/16")
Screw bit 25mm x12pcs. (Ph2 / Ph3 / Pz2 / Pz3 / T20 / T25 / Sl0.8 / Sl1.2)
Magnetic Bit Holder

Region C
Part No.
D-45836

Accessories

30pc. combination set

metric size Type MZ

HSS-R Drill Bit x4pcs. (3 / 4 / 5 / 6mm), Masonry Drill Bit x4pcs. (4 / 5 / 6 / 8 mm)
Wood Drill Bit x4pcs. (4 / 5 / 6 / 8 mm), Screw bit 25mm x16pcs. (Ph1 / Ph2 x2 / Ph3 / Pz1 / Pz2 x2 / Pz3 / Sl4 / Sl5 / Sl6 / T20 / T25 / T30 / H4 / H6), Magnetic Bit Holder, Countersink





Region A	Region B
Part No.	Part No.
D-47204-10	D-47210-10

metric size Type NZ (Bulk, without counter display)

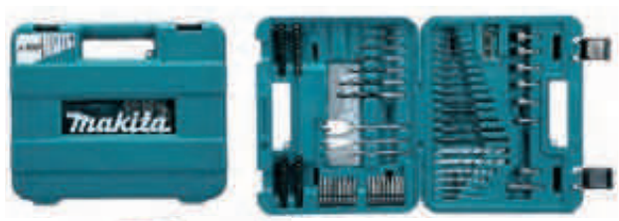
HSS-R Drill Bit x4pcs. (3 / 4 / 5 / 6mm), Masonry Drill Bit x4pcs. (4 / 5 / 6 / 8 mm)
Wood Drill Bit x4pcs. (4 / 5 / 6 / 8 mm), Screw bit 25mm x16pcs. (Ph1 / Ph2 x2 / Ph3 / Pz1 / Pz2 x2 / Pz3 / Sl4 / Sl5 / Sl6 / T20 / T25 / T30 / H4 / H6), Magnetic Bit Holder, Countersink

Region B
Part No.
D-53702

100pc. combination set

metric size Type MZ

HSS-R metal drill bits x14pcs. (1.5 / 2 / 2.5 / 3 / 3.2 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 8 mm)
Masonry drill bits x6pcs. (3 / 4 / 5 / 6 / 8 / 10 mm), Wood Drill Bits x7pcs. (3 / 4 / 5 / 6 / 7 / 8 / 10 mm)
Flat bits x3pcs. (16 / 20 / 25 mm), Screw bit 25mm x40pcs. (Ph0 x2 / Ph1 x2 / Ph2 x2 / Ph3 x3 / Pz0 x2 / Pz1 x2 / Pz2 x2 / Pz3 x3 / Sl0.8-4.0 x2 / Sl0.8-5.0 x2 / Sl1.0-5.5 x2 / Sl1.2-6.5 x2 / T10 / T15 / T20 x2 / T25 x2 / T30 / T40 / H3 / H4 / H5 / H6), Socket x6pcs. (6 / 8 / 10 / 11 / 12 / 13 mm)
Screw bit 50mm x16pcs. (Ph1 / Ph2 / Ph3 / Pz1 / Pz2 / Pz3 / T20 / T25 / T30 / T40 / Sl1.0 / Sl1.2 / H3 / H4 / H5 / H6), Depth gauge x4pcs. (3 / 5 / 8 / 10 mm), Hex. wrench 2.5 for depth gauge, Countersink, Magnetic bit holder, Diameter gauge





Region A	Region B
Part No.	Part No.
D-47248-5	D-47254-5

77pc. combination set

metric size Type MZ

HSS-R Drill Bit x12pcs. (1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 8 mm)
Masonry Drill Bit x6pcs.(3 / 4 / 5 / 6 / 8 / 10 mm), Wood Drill Bits x5pcs. (4 / 5 / 6 / 8 / 10 mm)
Flat Bit x3pcs. (12 / 16 / 22 mm), Screw bit 25mm x32pcs. (Ph0 / Ph1 x2 / Ph2 x2 / Ph3 x2 / Pz0 / Pz1 x2 / Pz2 x2 / Pz3 x2 / Sl0.8 / Sl1.0 x2 / Sl1.2 / T10 x2 / T15 x2 / T20 x2 / T25 / T30 x2 / T40 / H3 / H4 / H5 / H6), Socket x6pcs. (5 / 6 / 7 / 8 / 10 / 13 mm), Screw bit 50mm x10pcs. (Ph1 / Ph2 / Ph3 / Pz1 / Pz2 / Pz3 / Sl1.0 / Sl1.2 / T20 / T25), Magnetic Bit Holder, Countersink, Diameter gauge



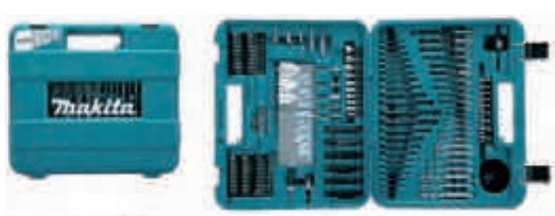


Region A	Region B
Part No.	Part No.
D-47226-5	D-47232-5

201pc. combination set

metric size Type MZ

HSS-R Drill Bit x25pcs. (1 x2 / 1.5 x2 / 2 x2 / 2.5 x2 / 3 x2 / 3.2 x2 / 3.5 x2 / 4 x2 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 8 / 9 / 10 mm), Masonry Drill Bit x11pcs. (3 x2 / 4 x2 / 5 x2 / 6 x2 / 8 x2 / 10 mm), Wood Drill Bit x12pcs. (3 x2 / 4 x2 / 5 x2 / 6 x2 / 7 / 8 x2 / 10 mm), Flat Bit x5pcs. (12 / 16 / 22 / 25 / 32 mm), Countersink, Depth gauge x4pcs. (3 / 5 / 8 / 10 mm), Hex. wrench 2.5 for depth gauge, Hole saws x5pcs. (32 / 38 / 45 / 54 / 68 mm), Hole saw arbor, Screw bits 25mm x60pcs. (Ph0 / Ph1 x2 / Ph2 x6 / Ph3 x4 / Ph4 / Pz0 / Pz1 x2 / Pz2 x8 / Pz3 x4 / Pz4 / Sl0.6-4.5 / Sl0.8-5.5 / Sl1.0-5.5 x2 / Sl1.2-6.5 x2 / Sl1.2-8.0 / Sl1.6-8.0 / T10 x2 / T15 x2 / T20 x2 / T25 x2 / T30 x3 / T40 x2 / H3 x2 / H4 x2 / H5 x2 / H6 x2 / H8), Screw bit 50mm x50pcs. (Ph0 / Ph1 x2 / Ph2 x3 / Ph3 x3 / Ph4 / Pz0 / Pz1 x2 / Pz2 x4 / Pz3 x3 / Pz4 / Sl0.5-3.0 / Sl0.5-4.0 / Sl0.6-3.5 / Sl0.6-4.5 / Sl0.8-4.0 / Sl0.8-5.5 / Sl1.0-5.5 x2 / Sl1.2-6.5 x2 / Sl1.2-8.0 / Sl1.6-8.0 / T10 x2 / T15 x2 / T20 x2 / T25 / T30 x2 / T40 / H3 / H4 / H5 x2 / H6 x2 / H8)Socket x10pcs. (5 / 5.5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 mm), Sockets for hand tool x9pcs. (5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 mm), Socket adopter 25mm, Socket adopter 50mm, Sleeve chuck Bit Holder, Magnetic bit holder, Bit stopper, Diameter gauge, Screw guide





Region A	Region B
Part No.	Part No.
D-47260-2	D-47276-2

Accessories

Drill bit assortment with 1/4" Hex. shank

These items are available on request.
Contact us for the minimum order quantity.



1/4"Hex (MZ)

	Shank Type	Region A
		Part No.
for metal 5, 6, 8mm, for wood 5, 6mm	MZ	D-20769
for masonry 6mm, for wood 5, 6mm, for metal 5, 6mm	MZ	D-23759

1/4"Hex (NZ)

for metal 5, 6, 8mm, for wood 5, 6mm	NZ	D-31516
for masonry 6mm, for wood 5, 6mm, for metal 5, 6mm	NZ	D-31522

Size: inch

1/4"Hex (MZ)

	Shank Type	Region C
		Part No.
for masonry 3/16", 1/4", for metal & wood 1/8", 3/16", 1/4"	MZ	D-23765

17pc. Drill bits & Screw bit set

These items are available on request. Contact us for the minimum order quantity.

with Textile Case metric size packed in double blister pack 1/4" Hex. Shank
for metal 4,5,6,8mm
for metal & wood 6,8mm
11pc. Screw bit set
with magnetic bit holder D-30651



1/4"Hex (MZ)

Shank Type	Region A
	Part No.
MZ	D-31762

1/4"Hex (NZ)

Shank Type	Region A
	Part No.
NZ	D-31893

Drill bit assortment

These items are available on request. Contact us for the minimum order quantity.

9pc. assortment

5, 6 and 8 mm of 3 different types.
HSS-TiN drill bit (for metal)
Carbide tipped drill bit (for masonry)
Wood drill bit (for wood)





Region A	Region B
Part No.	Part No.
D-08660	D-16405

9pc. assortment

3/16", 1/4" and 5/16" of 3 different types.
HSS-TiN drill bit (for metal)
Carbide tipped drill bit (for masonry)
Wood drill bit (for wood)





Region A
Part No.
D-16449

9pc. assortment

5.5mm, 7mm and 8mm of
3 different types.
HSS-TiN drill bit
(for metal)
Carbide tipped drill bit
(for masonry)
Wood drill bit (for wood)





Region A
Part No.
D-30069

HSS metal drill 5pc. drill bit assortment

for metal 5, 6, 8mm
for wood 6, 8mm





Region A
Part No.
D-30106

Accessories

HSS metal drill 5pc. drill bit assortment

for metal 3/16", 1/4", 5/16"
for wood 3/16", 1/4"





Region C
Part No.
D-30112

18pc. metal drill box set

3,4,5,6,8,10mm of 3 different types.
HSS-G metal drill bit (for metal)
Masonry drill bit (for brick)
Wood drill bit (for wood)







Region A	Region B
Part No.	Part No.
D-46202	D-46399

21pcs. drill bit assortment set

3,3,4,4,5,6,8mm of 3 different types.
M-force HSS metal drill bit (for metal)
Masonry drill bit (for masonry)
Wood drill bit (for wood)







Region A	Region B
Part No.	Part No.
B-44878	B-44884

47pc. ratchet & bit set

Type MZ

2xPh1, 2xPh2, 2xPh3 / 2xPz1, 2xPz2, 2xPz3 / 2xT10, 2xT15, 2xT20, 2xT25, 2xT30, 1xT40 / 1xHex2, 1xHex2.5, 1xHex3, 2xHex4, 2xHex5, 2xHex6 / 2xSlotted0.6, 2xSlotted0.8, 2xSlotted1.2 / 36mm socket Hex5,6,7,8,9,10,11 / Sleeve chuck bit holder / Ratchet screwdriver





Region A	Region B
Part No.	Part No.
B-36170-10	B-36186-10

48pc. HSS-G, screw & socket set

metric size Type MZ

1xT10, 2xT15, 2xT20, 2xT25, 2xT30, 1xT40 / 2xPh1, 2xPh2, 1xPh3 / 2xPz1, 2xPz2, 2xPz3 / 1xSlotted0.6, 2xSlotted0.8, 2xSlotted1.2 / 1xHex2, 1xHex2.5, 1xHex3, 1xHex4, 2xHex5, 2xHex6 / 36mm socket Hex4,5,6,8,10 / Sleeve chuck bit holder /
HSS-G drill bit 1.5,2,2.5,3,3.5,4,4.5,5,6





Region A	Region B
Part No.	Part No.
B-36192-10	B-36201-10

ACCESSORIES

Cutting



Dia / Bore	No. Teeth	Kerf	Thickness
Rake	Ring	Rip cut	Cross cut
Tip Embedded	Silent	M-Force	Fast Cut
Clean Cut	Extra Clean Cut	Coated	Heavy Duty
Long Life	PCD Tip	Sharp	

Carbide-tipped saw blade

Tooth shape



















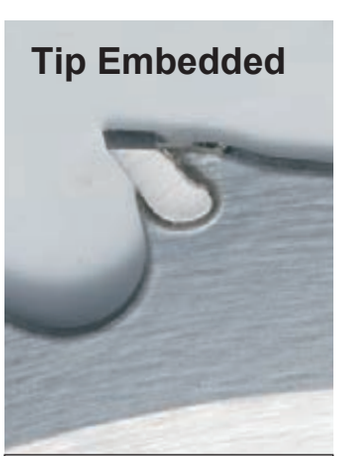
Technical term



Vibration dampening system Resinbond filled laser cut body slots for smoother and quieter cuts.



PTFE (pllytetrafluoroethylene) coating plate to reduce pitch build-up and to lower resistance.



Inserted tooth design will greatly increases the body-to-tip braze area for greater support and tip strength.



PCD (Poly-Crystalline Diamond) tips has extreme hardness and wear resistance. PCD tipped saw blade is the best choice for long lasting performance when cutting fiber cement board.

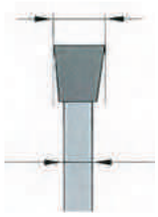
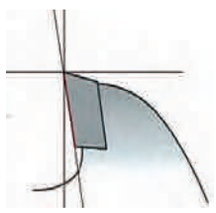
General Package

*These items are available on request. Contact us for the minimum order quantity.

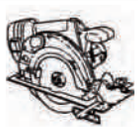
Standard Blade





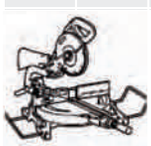



General Package



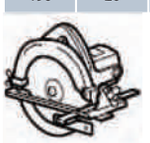
(Cordless Saw)

Outer dia.(mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
85	15		1	0.7	20	10	ATB	Wood		1	B-14607
136	20		1.5	1	16	20	ATB	Wood		1	B-09949
165	20		1.5	1	24	20	ATAF	Wood		1	A-85101
165	20		1.6	1	40	18	ATAF	Wood		1	A-85226
165	20		1.6	1	52	20	ATAF	Wood		1	A-85189



(Cordless Slide Compound Saw)

190	20		1.9	1.4	40	10	ATB	Wood		1	A-86147



(Circular Saw)

110	20		1.85	1.3	12	20	ATB	Wood		1	A-81723
110	20		1.6	1	24	10	ATAF	Wood		1	B-16944
110	20		1.8	1.2	24	10	ATAF	Wood		1	A-88864
110	20		1.8	1.2	30	10	ATAF	Wood		1	A-81365
110	20		1.6	1	30	10	ATAF	Wood		1	B-16950
160	20		2.2	1.4	24	25	ATB	Wood		1	A-81371
160	20		1.8	1.2	24	25	ATB	Wood		1	B-16966
160	20		2.2	1.4	30	20	ATAF	Wood		1	A-81876
160	20		1.8	1.2	30	20	ATAF	Wood		1	B-16972
160	20		2.2	1.4	32	20	ATAF	Wood		1	A-81387
160	20		2.2	1.4	36	20	ATAF	Wood		1	A-81882
160	20		1.8	1.2	36	20	ATAF	Wood		1	B-16988
160	20		1.6	1	40	18	ATAF	Wood		1	A-80612
160	20		1.8	1.2	40	20	ATAF	Wood		1	B-16994
160	20		2.2	1.4	40	20	ATAF	Wood		1	A-81898
160	20		2.2	1.4	48	20	ATAF	Wood		1	A-81907
160	20		1.8	1.2	48	20	ATAF	Wood		1	B-17005

Accessories

General Package

160	20		2.2	1.4	60	15	ATAF	Wood		1	A-81393
160	20		2	1.4	60	15	ATAF	Wood		1	A-82688
160	20		1.8	1.2	60	15	ATAF	Wood		1	B-17011
165	20		2	1.4	10	20	FTG	Wood		1	B-02917
165	20		2	1.2	16	15	M-FORCE	Wood		1	A-89698
165	20		2	1.3	16	23	ATB	Wood		1	A-86022
165	20		2	1.2	24	15	M-FORCE	Wood		1	A-89707
165	20		2	1.3	24	23	ATB	Wood		1	A-86038
165	20		1.6	1	40	18	ATAF	Wood		1	A-82454
165	20		2	1.3	40	23	ATB	Wood		1	A-86044
165	20		1.6	1	60	18	ATAF	Wood		1	A-82460
180	20		2.2	1.4	24	25	ATB	Wood		1	A-81402
180	20		2.2	1.4	30	20	ATAF	Wood		1	A-81913
180	20		2.2	1.4	36	20	ATAF	Wood		1	A-81929
180	20		2.2	1.4	40	20	ATAF	Wood		1	A-81418
180	20		2.2	1.4	48	20	ATAF	Wood		1	A-81935
180	20		2	1.4	60	15	ATAF	Wood		1	A-82694
180	20		2.2	1.4	60	15	ATAF	Wood		1	A-81424
185	20		2	1.2	16	15	M-FORCE	Wood		1	A-89713
185	20		1.85	1.3	20	25	ATB	Wood		1	A-83814
185	20		2	1.2	24	15	M-FORCE	Wood		1	B-03816
185	20		1.6	1	40	18	ATAF	Wood		1	A-82476
185	20		2	1.4	40	18	ATAF	Wood		1	A-85999
185	19		1.6	1	40	18	ATAF	Wood		1	B-05181
185	20		1.6	1	60	18	ATAF	Wood		1	A-82482
190	20		2	1.4	24	20	ATAF	Wood		1	A-87507
235	25		2.3	1.6	20	20	ATB	Wood		1	A-89947
235	20		2.3	1.6	20	15	M-FORCE	Wood		1	B-04092
235	30	25	2.3	1.6	20	25	ATB	Wood		1	A-80678
235	25.4		2.6	1.8	24	25	ATB	Wood		1	A-81985
235	25.4	25	2.6	1.8	30	25	ATB	Wood		1	A-81991
235	25.4	25	2.6	1.8	36	25	ATB	Wood		1	A-82002
235	25.4	25	2.6	1.8	40	25	ATB	Wood		1	A-81468
235	20		2.3	1.6	40	15	M-FORCE	Wood		1	B-04101
235	25.4	25	2.6	1.8	48	20	ATAF	Wood		1	A-82018
235	25.4	25	2.6	1.8	60	20	ATAF	Wood		1	A-81474
235	25.4	25	2.4	1.6	60	20	ATAF	Wood		1	A-82719
235	25.4	25	2.6	1.6	80	15	ATAF	Wood		1	A-81480
260	25.4		2.3	1.6	24	20	ATB	Wood		1	B-10584
270	25.4		2.6	1.8	18	20	ATB	Wood		1	B-12843
335	25		3	2.2	60	20	ATB	Wood		1	B-12603
415	25		2.6	1.8	60	20	ATB	Wood		1	792118-8

Accessories

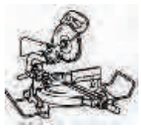
General Package

(Circular Saw Economy)

110	20		1.7	1.1	12	15	ATB	Wood		1	*D-15562
110	20		1.7	1.1	24	10	ATB	Wood		1	*D-15578
160	20	15.88	2	1.3	16	20	ATB	Wood		1	*D-16433
160	20	15.88	2	1.3	24	20	ATB	Wood		1	*D-34257
160	20	15.88	2	1.3	40	20	ATB	Wood		1	*D-34263
165	20		2	1.3	10	20	ATB	Wood		1	*D-03327
165	20		2	1.3	16	20	ATB	Wood		1	*D-09628
165	20		2	1.2	16	12	ATB	Wood		1	D-50485
165	20		2	1.3	24	20	ATB	Wood		1	*D-03333
165	20		2	1.2	24	12	ATB	Wood		1	D-50491
165	20		2	1.3	40	18	ATB	Wood		1	*D-03349
165	20		1.6	1	40	18	ATAF	Wood		1	B-17027
165	20		2	1.2	40	12	ATB	Wood		1	D-50500
180	20		1.8	1.2	24	25	ATB	Wood		1	B-17033
180	20		1.8	1.2	30	20	ATAF	Wood		1	B-17049
180	20		1.8	1.2	36	20	ATAF	Wood		1	B-17055
180	20		1.8	1.2	40	20	ATAF	Wood		1	B-17061
180	20		1.8	1.2	48	20	ATAF	Wood		1	B-17077
185	30	20/15.88	2	1.3	16	20	ATB	Wood		1	*D-03903
185	25.4	20	2.2	1.4	16	18	ATB	Wood		1	D-50516
185	30	20/15.88	2	1.3	20	20	ATB	Wood		1	*D-09634
185	20		2	1.3	24	20	ATB	Wood		1	*D-03355
185	20		1.8	1.2	24	20	ATB	Wood		1	*D-19037
185	25.4	20	2.2	1.4	24	15	ATB	Wood		1	D-50522
185	25.4	20	2.2	1.4	24	15	ATB	Wood		1	D-50522-10
185	20		2	1.3	40	18	ATB	Wood		1	*D-03361
185	20		1.6	1	40	18	ATAF	Wood		1	B-17083
185	30	20/15.88	2	1.3	40	18	ATB	Wood		1	*D-03919
185	25.4	20	2.2	1.4	40	14	ATB	Wood		1	D-50538
195	25.4		2	1.3	80	25.4	ATB	Wood		1	*D-16396
210	25		2	1.3	24	20	ATB	Wood		1	*D-29066
210	30		2	1.3	24	20	ATB	Wood		1	*D-29050
210	25		2	1.3	40	18	ATB	Wood		1	*D-34300
235	25		2.4	1.6	20	20	ATB	Wood		1	*D-15811
235	30	25.4/25	2.4	1.6	20	20	ATB	Wood		1	*D-03925
235	25.4	25	2.5	1.6	20	14	ATB	Wood		1	D-50544
235	25.4	25	2.4	1.6	24	25	ATB	Wood		1	B-17164
235	25.4	25	2.4	1.6	30	25	ATB	Wood		1	B-17170
235	25.4	25	2.4	1.6	36	25	ATB	Wood		1	B-17186
235	25		2.4	1.6	40	18	ATB	Wood		1	*D-16570
235	25.4	25	2.4	1.6	40	18	ATB	Wood		1	*D-03377
235	25.4	25	2.4	1.6	40	25	ATB	Wood		1	B-17192
235	25.4	25	2.5	1.6	40	12	ATB	Wood		1	D-50550
235	25.4	25	2.4	1.6	48	20	ATAF	Wood		1	B-17201
235	30	25	2.4	1.6	48	18	ATB	Wood		1	*D-03931
235	25		2.4	1.6	60	15	ATB	Wood		1	*D-34322
235	25.4	25	2.4	1.6	60	20	ATAF	Wood		1	B-17217
235	30	25	2.4	1.6	60	15	ATB	Wood		1	*D-09640
235	25.4	25	2.5	1.6	40	12	ATB	Wood		1	D-50566
235	25.4	25	2.4	1.6	80	15	ATAF	Wood		1	B-17223

Accessories

General Package



(Slide Compound Saw / Miter Saw)

190	20		2.2	1.6	24	5	ATB	Wood		1	B-03850
190	20		2	1.4	24	-5	ATB	Wood		1	B-03866
190	20		2	1.4	40	10	ATAF	Wood		1	A-86751
190	20		2	1.4	60	-5	ATB	Wood		1	B-03981
190	20		2	1.4	60	5	ATB	Wood		1	B-04008
190	20		2	1.4	72	10	ATAF	Wood		1	A-86359
210	25		2	1.4	80	8	ATB	Wood		1	792438-0
216	25.4		2.4	1.6	48	5	ATB	Wood		1	B-39497
255	25.4		2.3	1.8	32	5	ATAF	Wood		1	A-83696
255	25.4		2.2	1.7	40	10	ATAF	Wood		1	B-10322
255	25.4		2.3	1.8	40	5	ATB	Wood		1	B-03626
255	25.4		2.3	1.8	60	5	ATB	Wood		1	B-03632
255	25.4		2.3	1.8	80	5	ATB	Wood		1	B-03648
255	25.4	25	2.8	2	80	15	ATAF	Wood		1	A-82286
255	25.4		2.3	1.8	100	5	ATB	Wood		1	B-03654
255	25.4	25	2.6	2	100	15	ATAF	Wood		1	A-82292
255	25.4	25	2.6	2	120	15	ATAF	Wood		1	A-82301
260	25.4		2.3	1.8	50	15	ATB	Wood		1	A-88973
260	25		2.3	1.8	64	5	ATAF	Wood		1	792695-0
305	25.4		2.3	1.8	40	5	ATB	Wood		1	B-03660
305	25.4		2.6	2	60	10	ATAF	Wood		1	A-85472
305	25.4		2.3	1.8	60	5	ATB	Wood		1	B-03676
305	25.4		2.3	1.8	60	5	ATAF	Wood		1	B-02808
305	25.4		2.3	1.8	80	5	ATB	Wood		1	B-03682
305	25.4	25	3.2	2.2	80	15	ATAF	Wood		1	A-82317
305	25.4		2.3	1.8	96	5	ATAF	Wood		1	B-02814
305	25.4		2.3	1.8	100	5	ATB	Wood		1	B-03698
305	25.4	25	3	2.2	100	15	ATAF	Wood		1	A-82323
305	25.4	25	3	2.2	120	15	ATAF	Wood		1	A-82339
355	25		3	2.2	60	20	ATB	Wood		1	A-02618
355	25.4		2.6	2	60	10	ATB	Wood		1	A-85488
355	25.4	25	3.4	2.4	80	15	ATAF	Wood		1	A-82345
355	25.4	25	3.4	2.4	100	15	ATAF	Wood		1	A-82351
355	25.4	25	3.4	2.4	120	15	ATAF	Wood		1	A-82367

(Slide Compound Saw / Miter Saw Economy)

255	30	25.4	2.6	1.8	80	12	ATB	Wood		1	*D-34388
260	25.4	15.88	2.6	1.8	100	12	ATB	Wood		1	*D-34394
305	25.4		3.2	2	100	15	ATB	Wood		1	*D-34403

Accessories

General Package



(Table Saw)

203	25.4		2.4	1.6	24	25	ATB	Wood		1	A-81941
203	25.4	25	2.4	1.6	30	25	ATB	Wood		1	A-81957
203	25.4		2.4	1.6	36	20	ATAF	Wood		1	A-81963
203	25.4	25	2	1.4	40	20	ATAF	Wood		1	A-82498
203	25.4	25	2.4	1.6	40	20	ATAF	Wood		1	A-81430
203	25.4	25	2.4	1.6	48	20	ATAF	Wood		1	A-81979
203	25.4	25	2	1.4	60	15	ATAF	Wood		1	A-82507
203	25.4	25	2.4	1.6	60	15	ATAF	Wood		1	A-81446
203	25.4	25	2.2	1.6	60	15	ATAF	Wood		1	A-82703
203	25.4	25	2.4	1.6	80	15	ATAF	Wood		1	A-81452
255	25.4		2.3	1.6	24	20	ATB	Wood		1	B-05000
255	25.4	25	2.4	1.8	24	25	ATAF	Wood		1	A-82513
255	25.4		2.4	1.8	24	25	ATAF	Wood		1	A-87890
255	25.4	25	3.2	2.2	24	25	ATB	Wood		1	A-82024
255	25.4	25	3.2	2.2	30	25	ATB	Wood		1	A-82030
255	25.4		3.2	2.2	36	25	ATB	Wood		1	A-82046
255	25.4		2.3	1.6	40	20	ATB	Wood		1	B-05088
255	25.4	25	2.4	1.8	40	20	ATAF	Wood		1	A-82529
255	25.4	25	2.8	2.2	40	25	ATB	Wood		1	A-81496
255	25.4	25	3.2	2.2	40	25	ATB	Wood		1	A-82725
255	25.4	25	3.2	2.2	48	20	ATAF	Wood		1	A-82052
255	25.4	25	2.8	2	60	20	ATAF	Wood		1	A-81505
255	25.4	25	2.8	2	80	15	ATAF	Wood		1	A-81511
305	25.4	25	3.4	2.4	30	25	ATB	Wood		1	A-82068
305	25.4	25	3.4	2.4	36	25	ATB	Wood		1	A-82074
305	25.4	25	3.4	2.4	40	25	ATB	Wood		1	A-82080
305	25.4	25	3.4	2.4	48	20	ATAF	Wood		1	A-82096
305	25.4	25	3	2	60	20	ATAF	Wood		1	A-82105
355	25.4	25	3.6	2.6	30	25	ATB	Wood		1	A-82111
355	25.4	25	3.6	2.6	36	25	ATB	Wood		1	A-82127
355	25.4	25	3.6	2.6	40	25	ATB	Wood		1	A-82133
355	25.4	25	3.4	2.4	48	25	ATB	Wood		1	A-81527
355	25.4	25	3.6	2.6	48	25	ATB	Wood		1	A-82731
355	25.4	25	3.4	2.4	60	20	ATAF	Wood		1	A-82149
355	25.4	25	3.4	2.4	80	20	ATAF	Wood		1	A-81533
355	25.4		3.4	2.4	100	15	ATAF	Wood		1	A-81549
405	25.4	25	3.8	2.6	30	25	ATB	Wood		1	A-82155
405	25.4		3.6	2.6	36	25	ATB	Wood		1	A-82161
405	25.4	25	3.6	2.6	40	25	ATB	Wood		1	A-82177
405	25.4		3.6	2.6	48	25	ATB	Wood		1	A-81555
405	25.4	25	3.4	2.4	60	20	ATAF	Wood		1	A-82183
405	25.4	25	3.6	2.6	80	20	ATAF	Wood		1	A-81561
405	25.4	25	3.6	2.6	100	15	ATAF	Wood		1	A-82395
405	25.4	25	3.6	2.6	120	15	ATAF	Wood		1	A-81577

Accessories

General Package

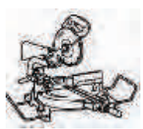


(Table Saw Economy)

203	25.4	25	2	1.4	24	25	ATB	Wood		1	B-17099
203	25.4	25	2	1.4	30	25	ATB	Wood		1	B-17108
203	25.4	25	2	1.4	36	20	ATAF	Wood		1	B-17114
203	25.4	25	2	1.4	40	20	ATAF	Wood		1	B-17120
203	25.4	25	2	1.4	48	20	ATAF	Wood		1	B-17136
203	25.4	25	2	1.4	60	15	ATAF	Wood		1	B-17142
203	25.4	25	2	1.4	80	15	ATAF	Wood		1	B-17158
255	25.4	25	2.8	2	24	25	ATB	Wood		1	B-17239
255	25.4	25	2.8	2	30	25	ATB	Wood		1	B-17245
255	25.4	25	2.8	2	36	25	ATB	Wood		1	B-17251
255	25.4	25	2.8	2	40	25	ATB	Wood		1	B-17267
255	25.4	25	2.8	2	48	20	ATAF	Wood		1	B-17273
255	25.4	25	2.4	1.8	60	20	ATAF	Wood		1	B-17289
255	25.4	25	2.4	1.8	80	15	ATAF	Wood		1	B-17295
305	25.4	25	3	2.2	30	25	ATB	Wood		1	B-17332
305	25.4	25	3	2.2	36	25	ATB	Wood		1	B-17348
305	25.4	25	3	2.2	40	25	ATB	Wood		1	B-17354
305	25.4	25	3	2.2	48	20	ATAF	Wood		1	B-17360
305	25.4	25	2.8	2	60	20	ATAF	Wood		1	B-17376
305	25.4	25	2.6	2	80	15	ATAF	Wood		1	B-17382
355	25.4	25	3.2	2.4	30	25	ATB	Wood		1	B-17413
355	25.4	25	3.2	2.4	36	25	ATB	Wood		1	B-17429
355	25.4	25	3.2	2.4	40	25	ATB	Wood		1	B-17435
355	25.4	25	3	2.2	48	25	ATB	Wood		1	B-17441
355	25.4	25	3	2.2	60	20	ATAF	Wood		1	B-17457
355	25.4	25	3	2.2	80	20	ATAF	Wood		1	B-17463
405	25.4	25	3.2	2.4	30	25	ATB	Wood		1	B-17479
405	25.4	25	3.2	2.4	36	25	ATB	Wood		1	B-17485
405	25.4	25	3.2	2.4	40	25	ATB	Wood		1	B-17491
405	25.4	25	3.2	2.4	48	25	ATB	Wood		1	B-17500
405	25.4	25	3	2.2	60	20	ATAF	Wood		1	B-17516
405	25.4	25	3	2.2	80	20	ATAF	Wood		1	B-17522

Specialized quiet cutting

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



(Slide Compound Saw / Miter Saw)

190	20		2.2	1.6	24	5	ATB	Wood	Laser Slit	1	B-04298
260	25.4		2.3	1.8	70	5	ATAF	Wood	Laser Slit	1	B-04793
305	25.4		2.5	1.9	70	0	ATAF	Wood	Laser Slit	1	B-04802

Accessories

Specialized plunge cutting



(Plunge Cut Circular Saw)

Outer dia(mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20		2.2	1.6	28	15	ATB	Wood		1	B-07434
165	20		2.2	1.6	48	8	ATB	Wood		1	B-07353
165	20		2.4	1.7	48	5	TCG	imitation marble		1	B-10344
165	20		2.4	1.7	56	-3	TCG	Aluminum		1	B-07440

Specialized MDF cutting



(Circular Saw)

Outer dia(mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
185	20	15.88	2.4	1.6	60	12	TCG	Wood/MDF		1	D-21381
185	30	20/15.88	2.4	1.5	60	12	TCG	Wood/MDF		1	*D-17902
185	30	20/15.88	2.4	1.5	60	12	ATB	Wood/MDF		1	*D-38934
235	30	25	2.8	1.8	80	12	TCG	Wood/MDF		1	*D-17918



(Slide Compound Saw / Miter Saw)

Outer dia(mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
255	30	15.88	3.2	2.4	100	10	TCG	Wood/MDF		1	*D-19071
255	30	15.88	3	2	100	12	ATB	Wood/MDF		1	*D-38940
305	30	15.88	3.2	2.4	120	10	TCG	Wood/MDF		1	*D-19087
305	30	15.88	3.2	2.2	120	12	ATB	Wood/MDF		1	*D-38956

Specialized Fiber-cement board cutting



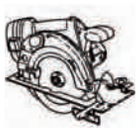
(Circular Saw)

Outer dia(mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
185	20		2	1.5	28	10	ATAF	Fiber Cement Board	for 5057KB	1	A-86088

Accessories

General Package

Specialized aluminum cutting



(Cordless Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
136	20		1.6	1.0	50	0	ATB	Aluminum		1	B-40331



(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
190	20		2	1.4	60	-5	TCG	Aluminum		1	B-03997
255	15.88	25	2.3	1.8	80	-5	TCG	Aluminum		1	B-04195
255	25.4	25	2.3	1.8	100	-5	TCG	Aluminum		1	B-04204
255	25.4	25	2.6	2	100	0	ATB	Aluminum		1	A-81614
255	25.4	25	2.6	2	120	0	ATB	Aluminum		1	A-81620
305	25.4	25	2.3	1.8	80	-5	TCG	Aluminum		1	B-04210
305	25.4		2.4	1.8	100	5	FTG	Aluminum		1	B-02820
305	25.4	25	2.3	1.8	100	-5	TCG	Aluminum		1	B-04226
355	25		3	2.2	80	5	TCG	Aluminum		1	A-02602

(Slide Compound Saw / Miter Saw Economy)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
260	25.4		3	2	70	5	TCG	Aluminum		1	*D-03408
260	30	15.88	3	2	70	5	TCG	Aluminum		1	*D-03969
260	25.4		3	2	100	5	TCG	Aluminum		1	*D-03414
260	30	15.88	3	2	100	5	TCG	Aluminum		1	*D-03975
305	30	15.88	3	2.2	80	5	TCG	Aluminum		1	*D-16520
305	25.4	15.88	3	2.2	100	5	TCG	Aluminum		1	*D-34419
355	30	25	3.3	2.35	120	8	TCG	Aluminum		1	*D-16592



(Table Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
255	25.4	25	2.6	2	80	0	ATB	Aluminum		1	A-82535
255	25.4	25	2.6	2	100	0	ATB	Aluminum		1	A-83864
255	25.4	25	2.6	2	120	0	ATB	Aluminum		1	A-83870
305	25.4	25	2.8	2.2	80	0	ATB	Aluminum		1	A-82541
305	25.4	25	2.8	2.2	100	0	ATB	Aluminum		1	A-82557
305	25.4		2.8	2.2	120	0	ATB	Aluminum		1	A-82563
355	25.4	25	3	2.4	80	0	ATB	Aluminum		1	A-82579
355	25.4	25	3	2.4	100	0	ATB	Aluminum		1	A-81636
355	25.4	25	3	2.4	120	0	ATB	Aluminum		1	A-81642
380	25.4		3	2.4	100	0	ATB	Aluminum		1	A-82585
405	25.4	25	3.4	2.6	100	0	ATB	Aluminum		1	A-82600
405	25.4	25	3.4	2.6	120	0	ATB	Aluminum		1	A-82616

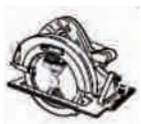
Accessories

General Package

(Table Saw Economy)

255	25.4	25	2.4	1.8	100	0	ATB	Aluminum		1	B-17304
305	25.4	25	2.6	2	100	0	ATB	Aluminum		1	B-17310
305	25.4	25	2.6	2	120	0	ATB	Aluminum		1	B-17326
355	25.4	25	2.8	2.2	100	0	ATB	Aluminum		1	B-17398
355	25.4	25	2.8	2.2	120	0	ATB	Aluminum		1	B-17407

Specialized metal cutting



Cordless Metal Cutter

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
136	20		1.5	1.2	30	0	MTCG	Mild steel		1	B-07319
136	20		1.4	1.1	50	-15	ATB	Thin sheet metal		1	B-07325
136	20		1.1	0.95	56	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-23117



Metal Cutter

185	20		1.9	1.5	36	0	ATB	Mild steel		1	B-04628
185	20		2	1.6	38	0	MTCG	Mild steel		1	A-85438
185	20		2	1.6	48	0	MTCG	Thin mild steel		1	A-83967
185	20		1.7	1.3	70	-10	FTG	Corrugated steel plate		1	A-86446
185	20		1.85	1.5	48	0	SMTCG	Mild steel	Long Life	1	B-23357
185	20		1.8	1.5	56	0	SMTCG	Thin mild steel	Long Life	1	B-23391
185	20		1.6	1.3	64	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-31697



Metal Cutting Saw

305	25.4		2.1	1.7	60	0	TCG	Mild steel		1	A-87242
305	25.4		2.4	2	60	0	TCG	Mild steel	Laser Slit	1	A-86723
305	25.4		2.5	2.2	60	0	TCG	Mild steel		1	A-81860
305	25.4		2.3	2	78	0	MTCG	Thin mild steel		1	A-87127
305	25.4		1.95	1.65	100	-3	SMTCG	Stainless/Mild steel	Laser Slit	1	B-23151

Accessories

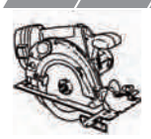
North America Package

*These items are available on request. Contact us for the minimum order quantity.

Standard Blade







(Cordless Saw)

Outer dia (mm)	Bore (mm)		Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
85	15		1	0.7	20	10	ATB		Wood		1	A-95021
136	15.88		1.5	1	16	20	ATAF		Wood		1	A-94904
165	15.88		1.5	1	24	20	ATAF		Wood		1	A-85092
165	15.88		1.6	1	40	18	ATAF		Wood		1	A-90314
165	15.88		1.6	1	52	20	ATAF		Wood		1	A-90320



(Cordless Slide Compound Saw)

190	15.88		1.9	1.4	40	-18	ATAF		Wood		1	A-90912
216	15.88		2.1	1.6	40	10	ATB		Wood		1	A-90788



(Circular Saw)

110	20		2	1.4	24	10	ATAF		Wood		1	A-02836
140	15.88		2	1.4	18	20	ATB		Wood		1	792335-0
140	15.88		1.5	1	18	25	ATB		Wood		1	792683-7
185	15.88		2	1.4	16	20	FTG		Wood		1	792422-5
185	15.88		2	1.3	16	18	ATB		Wood		1	*D-03420
185	15.88		2	1.3	24	18	ATB		Wood		1	*D-03436
185	15.88		1.9	1.2	24	20	ATB		Wood		10	*D-45989-10
185	15.88		2	1.3	40	18	ATB		Wood		1	*D-20688
210	15.88		2	1.3	24	20	ATB		Wood		1	*D-21521
210	15.88		2	1.3	40	15	ATB		Wood		1	*D-31728
260	15.88		2.3	1.6	24	20	ATB		Wood		1	A-94910
415	25.4		2.6	2	32	20	ATB		Wood		1	A-90956
415	25.4		2.6	2	60	20	ATB		Wood		1	792118-8

Accessories

North America Package



(Slide Compound Saw / Miter Saw)

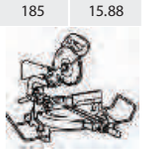
190	15.88		2	1.4	40	10	ATAF	Wood		1	A-90629
190	15.88		2	1.4	72	15	ATAF	Wood		1	A-94487
216	15.88		2.4	1.6	48	5	ATB	Wood		1	A-95934
255	15.88		2.6	2	32	5	ATB	Wood		1	*D-29446
255	15.88		2.3	1.8	40	5	ATB	Wood		1	A-93669
255	15.88		2.3	1.8	60	5	ATB	Wood		1	A-93675
255	15.88		2.3	1.8	70	5	ATAF	Wood		1	A-93550
255	15.88		2.3	1.8	80	5	ATB	Wood		1	A-93681
255	15.88		2.3	1.8	100	5	ATB	Wood		1	A-93697
305	25.4		2.3	1.8	40	5	ATB	Wood		1	A-93706
305	25.4		2.3	1.8	60	5	ATAF	Wood		1	A-93712
305	25.4		2.3	1.8	60	5	ATB	Wood		1	A-93728
305	25.4		2.5	1.9	70	0	ATAF	Wood		1	A-94443
305	25.4		2.3	1.8	100	5	ATB	Wood		1	A-93734

Specialized fiber cement board cutting



(Circular Saw)

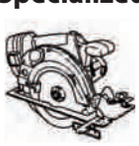
185	15.88		2.3	1.6	4	12	FTG	Fiber Cement Board	P.C.D Tip	1	A-95124



(Slide Compound Saw / Miter Saw)

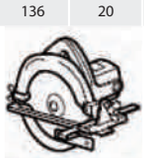
255	15.88		2.5	1.8	6	8	FTG	Fiber Cement Board	P.C.D Tip	1	A-95130
305	25.4		2.5	1.8	8	8	FTG	Fiber Cement Board	P.C.D Tip	1	A-95146

Specialized aluminum cutting



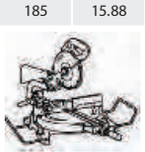
(Cordless Saw)

136	20	15.88	1.6	1.0	50	0	ATB	Aluminum		1	A-95940



(Circular Saw)

185	15.88		2	1.5	60	5	TCG	Aluminum		1	A-91431



(Slide Compound Saw / Miter Saw)

185	15.88		2.2	1.5	40	5	FTG	Aluminum		1	*D-03464
190	15.88		2	1.4	60	5	ATB	Aluminum		1	A-90635
255	15.88		2.5	1.8	60	5	TCG	Aluminum		1	A-02593
255	15.88		3	2	70	5	TCG	Aluminum		1	*D-03470
255	15.88		2.8	2	70	0	TCG	Aluminum		1	*D-19059
255	15.88		2.3	1.8	80	-5	TCG	Aluminum		1	A-93887
255	15.88		3	2	100	5	TCG	Aluminum		1	*D-16352
255	15.88		2.8	2	100	-3	TCG	Aluminum		1	*D-19065
255	15.88		2.3	1.8	100	-5	TCG	Aluminum		1	A-93893
305	25.4		3	2.2	80	5	TCG	Aluminum		1	*D-03486
305	25.4		2.3	1.8	80	-5	TCG	Aluminum		1	A-93902
305	25.4		2.3	1.8	100	-5	TCG	Aluminum		1	A-93918

Accessories

North America Package

Specialized metal cutting



(Cordless Metal Cutter)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
136	15.88		1.5	1.2	30	0	MTCG	Mild steel		1	A-95037
136	15.88		1.5	1.2	30	0	MTCG	Mild steel		10	A-95037-10
136	15.88		1.4	1.1	50	-15	ATB	Thin sheet metal		1	A-94524
136	15.88		1.1	0.95	56	0	SMTCG	Stainless/Mild steel	Laser Slit	1	A-95794



(Metal Cutter)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
185	15.88		1.9	1.5	36	0	ATB	Mild steel		1	A-93815
185	15.88		2	1.6	38	0	MTCG	Mild steel		1	A-93821
185	15.88		2	1.6	48	0	MTCG	Thin mild steel		1	A-93837
185	15.88		1.7	1.3	70	-10	FTG	Corrugated steel plate		1	A-93843
185	15.88		1.85	1.5	48	0	SMTCG	Mild steel	Long Life	1	A-95819
185	15.88		1.8	1.5	56	0	SMTCG	Thin mild steel	Long Life	1	A-95825
185	15.88		1.6	1.3	64	0	SMTCG	Stainless/Mild steel	Laser Slit	1	A-95875



(Metal Cutting Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
305	25.4		2.1	1.7	60	0	TCG	Mild steel		1	A-90897
305	25.4		2.4	2	60	0	TCG	Mild steel	Laser Slit	1	A-90722
305	25.4		2.5	2.2	60	0	TCG	Mild steel		1	A-90532
305	25.4		2.3	2	78	-5	MTCG	Thin mild steel		1	A-90875
305	25.4		1.95	1.65	100	-3	SMTCG	Stainless/Mild steel	Laser Slit	1	A-95803





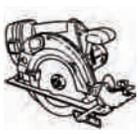
South America Package





Standard Blade

South America Package



(Cordless Saw)

Outer dia.(mm)	Bore(mm)	Ring(mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pk.g	Part No.
136	20	15.88	1.5	1	16	20	ATB	Wood		1	B-19021
136	20	15.88	1.5	1	24	20	ATB	Wood		1	B-19037
136	20	15.88	1.5	1	36	18	ATB	Wood		1	B-19043
165	20	15.88	1.6	1	52	20	ATB	Wood		1	B-19059
190	20	15.88	2	1.4	72	10	ATAF	Wood		1	B-19065



(Circular Saw)

160	20	15.88	1.8	1.2	40	20	ATAF	Wood		1	B-19071
185	20	15.88	1.8	1.2	16	20	ATB	Wood		1	B-19087
185	20	15.88	1.8	1.2	24	20	ATB	Wood		1	B-19093
185	20	15.88	1.8	1.2	40	20	ATB	Wood		1	B-19102
235	25.4	25/15.88	2.4	1.6	24	25	ATB	Wood		1	B-19146
235	25.4	25/15.88	2.4	1.6	40	25	ATB	Wood		1	B-19152
235	25.4	25/15.88	2.4	1.6	60	20	ATAF	Wood		1	B-19168
235	25.4	25/15.88	2.4	1.6	80	15	ATAF	Wood		1	B-19174
260	25.4	25/15.88	2.3	1.6	24	20	ATB	Wood		1	B-19180

(Circular Saw Economy)

165	20	15.88	2	1.2	16	12	ATB	Wood		1	D-51306
165	20	15.88	2	1.2	24	12	ATB	Wood		1	D-51312
165	20	15.88	2	1.2	40	12	ATB	Wood		1	D-51328
185	30	15.88	2.2	1.4	16	18	ATB	Wood		1	D-51334
185	30	15.88	2.2	1.4	24	15	ATB	Wood		1	D-51340
185	30	15.88	2.2	1.4	24	15	ATB	Wood		1	D-51340-10
185	30	15.88	2.2	1.4	40	14	ATB	Wood		1	D-51356
185	30	15.88	2.2	1.4	40	14	ATB	Wood		1	D-51356-10
235	30	25/15.88	2.5	1.6	20	14	ATB	Wood		1	D-51362
235	30	25/15.88	2.5	1.6	20	14	ATB	Wood		1	D-51362-10
235	30	25/15.88	2.5	1.6	40	12	ATB	Wood		1	D-51378
235	30	25/15.88	2.5	1.6	40	12	ATB	Wood		1	D-51378-10
235	30	25/15.88	2.5	1.6	60	12	ATB	Wood		1	D-51384

Accessories

South America Package



(Slide Compound Saw / Miter Saw)

190	20	15.88	2.2	1.6	48	5	ATB	Wood		1	B-19196
190	20	15.88	2	1.4	60	5	ATB	Wood		1	B-19205
255	30	25.4/15.88	2.3	1.8	40	5	ATB	Wood		1	B-19233
255	30	25.4/15.88	2.3	1.8	60	5	ATB	Wood		1	B-19249
255	30	25.4/15.88	2.3	1.8	80	5	ATB	Wood		1	B-19255
255	30	25.4/15.88	2.3	1.8	100	5	ATB	Wood		1	B-19261
260	30	25.4/15.88	2.3	1.8	40	5	ATB	Wood		1	B-19277
260	30	25.4/15.88	2.3	1.8	60	5	ATB	Wood		1	B-19283
260	30	25.4/15.88	2.3	1.8	80	5	ATB	Wood		1	B-19299
260	30	25.4/15.88	2.3	1.8	100	5	ATB	Wood		1	B-19308
305	30	25.4	2.3	1.8	40	5	ATB	Wood		1	B-19358
305	30	25.4	2.3	1.8	60	5	ATB	Wood		1	B-19364
305	30	25.4	2.3	1.8	80	5	ATB	Wood		1	B-19370
305	30	25.4	2.3	1.8	100	5	ATB	Wood		1	B-19386



(Table Saw)

255	30	25.4/15.88	2.8	2	24	25	ATB	Wood		1	B-19392
255	30	25.4/15.88	2.8	2	30	25	ATB	Wood		1	B-19401
255	30	25.4/15.88	2.8	2	36	25	ATB	Wood		1	B-19417
255	30	25.4/15.88	2.8	2	40	25	ATB	Wood		1	B-19423
255	30	25.4/15.88	2.8	2	48	20	ATAF	Wood		1	B-19439
255	30	25.4/15.88	2.4	1.8	60	20	ATAF	Wood		1	B-19445
255	30	25.4/15.88	2.4	1.8	80	15	ATAF	Wood		1	B-19451
305	30	25.4	3	2.2	30	25	ATB	Wood		1	B-19489
305	30	25.4	3	2.2	36	25	ATB	Wood		1	B-19495
305	30	25.4	3	2.2	40	25	ATB	Wood		1	B-19504
305	30	25.4	3	2.2	48	20	ATAF	Wood		1	B-19510
305	30	25.4	2.8	2	60	20	ATAF	Wood		1	B-19526
305	30	25.4	2.6	2	80	15	ATAF	Wood		1	B-19532
355	30	25.4	3.2	2.4	30	25	ATB	Wood		1	B-19560
355	30	25.4	3.2	2.4	36	25	ATB	Wood		1	B-19576
355	30	25.4	3	2.2	48	25	ATB	Wood		1	B-19582
355	30	25.4	3	2.2	60	20	ATAF	Wood		1	B-19598
355	30	25.4	3	2.2	80	20	ATAF	Wood		1	B-19607
405	30	25.4	3.2	2.4	30	25	ATB	Wood		1	B-19635
405	30	25.4	3.2	2.4	36	25	ATB	Wood		1	B-19641
405	30	25.4	3.2	2.4	48	25	ATB	Wood		1	B-19657
405	30	25.4	3	2.2	60	20	ATAF	Wood		1	B-19663
405	30	25.4	3	2.2	80	20	ATAF	Wood		1	B-19679

Specialized quiet cutting



(Slide Compound Saw / Miter Saw)

190	20	15.88	2.2	1.6	24	5	ATB	Wood	Laser Slit	1	B-19211
190	20	15.88	2	1.4	60	5	ATAF	Wood	Laser Slit	1	B-19227
260	30	25.4/15.88	2.3	1.8	40	5	ATAF	Wood	Laser Slit	1	B-19314
260	30	25.4/15.88	2.3	1.8	60	5	ATAF	Wood	Laser Slit	1	B-19320
260	30	25.4/15.88	2.3	1.8	80	5	ATAF	Wood	Laser Slit	1	B-19336
260	30	25.4/15.88	2.3	1.8	100	5	ATAF	Wood	Laser Slit	1	B-19342

Accessories

South America Package



(Table Saw)

255	30	25.4/15.88	2.8	1.8	40	20	ATB	Wood	Laser Slit	1	B-19467
255	30	25.4/15.88	2.8	1.8	80	15	ATAFR	Wood	Laser Slit	1	B-19473
305	30	25.4	2.8	1.8	48	20	ATB	Wood	Laser Slit	1	B-19548
305	30	25.4	2.8	1.8	100	15	ATAFR	Wood	Laser Slit	1	B-19554
355	30	25.4	3.5	2.5	56	20	ATB	Wood	Laser Slit	1	B-19613
355	30	25.4	3	2	100	15	ATAFR	Wood	Laser Slit	1	B-19629

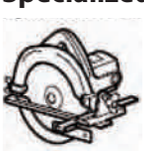
Specialized tip embedded knot and nail cutting



(Circular Saw)

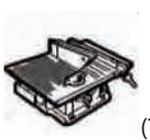
185	20	15.88	1.85	1.25	16	25	ATB	Wood	Tip Embedded	1	B-19118
185	20	15.88	1.85	1.25	20	25	ATB	Wood	Tip Embedded	1	B-19124
185	20	15.88	1.85	1.25	40	25	ATB	Wood	Tip Embedded	1	B-19130

Specialized MDF cutting



(Circular Saw)

165	20	15.88	1.6	1.1	72	15	ATAF	Wood / MDF	Laser Slit	1	B-40490



(Table Saw)

(2705,MLT100,Large woodwork eauipment)

250	30	25/15.88	3.2	2.2	80	5	TCG	Wood / MDF	Coated / Laser Slit	1	B-39263
250	30	25/15.88	3.2	2.2	80	-5	Hi-ATB	Wood / MDF	Coated / Laser Slit	1	B-39285
300	30	25.4	3.2	2.2	96	5	TCG	Wood / MDF	Coated / Laser Slit	1	B-39279
300	30	25.4	3.2	2.2	96	-5	Hi-ATB	Wood / MDF	Coated / Laser Slit	1	B-39291

(2703,2704,LH1040,LH1200)

250	30	25.4/15.88	2.6	1.8	80	5	TCG	Melamine	Coated / Laser Slit	1	B-42606
300	30	25.4	2.6	1.8	96	5	TCG	Melamine	Coated / Laser Slit	1	B-42612
250	30	25.4/15.88	2.6	1.8	80	-5	Hi-ATB	Melamine	Coated / Laser Slit	1	B-42628
300	30	25.4	2.6	1.8	96	-5	Hi-ATB	Melamine	Coated / Laser Slit	1	B-42634

Specialized plunge cutting



(Plunge Cut Circular Saw)

165	20	15.88	2.2	1.6	28	15	ATB	Wood	Laser Slit	1	B-19685
165	20	15.88	2.4	1.7	56	-3	TCG	Aluminum	Laser Slit	1	B-19691
165	20	15.88	2.4	1.7	48	5	TCG	imitation marble	Laser Slit	1	B-19700

Specialized aluminum cutting



(Cordless Saw)

136	20	15.88	1.6	1.0	50	0	ATB	Aluminum		1	B-40325

Accessories

South America Package



(Circular Saw)

185	25.4	25/15.88	2.4	1.8	60	0	TCG	Aluminum		1	B-19716
235	20	15.88	2.4	1.8	80	0	TCG	Aluminum		1	B-19722



(Slide Compound Saw / Miter Saw)

190	30	25.4/15.88	2	1.4	60	-5	TCG	Aluminum		1	B-19738
260	30	25.4/15.88	2.3	1.8	80	-5	TCG	Aluminum		1	B-19744
260	30	25.4	2.3	1.8	100	-5	TCG	Aluminum		1	B-19750
305	30	25.4	2.3	1.8	80	-5	TCG	Aluminum		1	B-19766
305	30	25.4	2.3	1.8	100	-5	TCG	Aluminum		1	B-19772



(Table Saw)

255	30	25.4/15.88	2.4	1.8	100	0	ATB	Aluminum		1	B-19788
305	30	25.4	2.6	2	100	0	ATB	Aluminum		1	B-19794
305	30	25.4	2.6	2	120	0	ATB	Aluminum		1	B-19803
355	30	25.4	2.8	2.2	100	0	ATB	Aluminum		1	B-19819
355	30	25.4	2.8	2.2	120	0	ATB	Aluminum		1	B-19825
405	30	25.4	3.2	2.4	100	0	ATB	Aluminum		1	B-19831

Specialized metal cutting



(Cordless Metal Cutter)

136	20	15.88	1.1	0.95	56	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-23101



Metal Cutter

185	20	15.88	1.9	1.5	36	0	ATB	Mild steel		1	B-33912
185	20	15.88	2	1.6	38	0	MTCG	Mild steel		1	B-33928
185	20	15.88	2	1.6	48	0	MTCG	Thin mild steel		1	B-33934
185	20	15.88	1.7	1.3	70	-10	FTG	Corrugated steel plate		1	B-33940
185	20	15.88	1.85	1.5	48	0	SMTCG	Mild steel	Long Life	1	B-23341
185	20	15.88	1.8	1.5	56	0	SMTCG	Thin mild steel	Long Life	1	B-23385
185	20	15.88	1.6	1.3	64	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-31681



Metal Cutting Saw

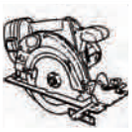
305	25.4		2.1	1.7	60	0	TCG	Mild steel		1	B-33956
305	25.4		2.4	2.2	60	0	TCG	Mild steel	Laser Slit	1	B-33962
305	25.4		2.3	2	78	-5	MTCG	Thin mild steel		1	B-33978
305	25.4		1.95	1.65	100	-3	SMTCG	Stainless/Mild steel	Laser Slit	1	B-23145

Oceania Package

BlueMak
FOR TIMBER CUTTING







(Cordless Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
85	15		1	0.7	20	10	ATB	Wood		1	B-16879
136	20	10	1.5	1	24	20	ATAF	Wood		1	B-15051
136	20	10	1.5	1	36	18	ATAF	Wood		1	B-15067
165	20		1.5	1	24	20	ATAF	Wood		1	B-15073
165	20		1.6	1	40	18	ATAF	Wood		1	B-15089
190	20		1.8	1.2	24	20	ATB	Wood		1	B-44965



(Cordless Slide Compound Saw)

190	20	25.4	1.9	1.4	24	-18	ATAF	Wood		1	B-30994
190	20		1.9	1.4	40	-18	ATAF	Wood		1	B-31005



(Circular Saw)

160	20		1.8	1.2	20	20	ATB	Wood		1	B-15095
160	20		1.8	1.2	20	20	ATB	Wood		5	B-15095-5
160	20		1.6	1	40	18	ATB	Wood		1	B-15104
165	20	15.88	1.8	1.2	20	20	ATB	Wood		1	B-15110
165	20	15.88	1.6	1	40	18	ATAF	Wood		1	B-15126
180	20		1.8	1.2	24	20	ATB	Wood		1	B-15132
185	20		1.8	1.2	24	20	ATB	Wood		1	B-15148
185	20		1.8	1.2	24	20	ATB	Wood		5	B-15148-5
185	20		1.8	1.2	24	20	ATB	Wood		20	B-15148-20
185	20	15.88	1.8	1.2	40	18	ATB	Wood		1	B-15154
190	20		1.6	1	40	18	ATAF	Wood		1	B-15160
210	25		1.9	1.4	20	20	ATB	Wood		1	B-15176
210	25		1.9	1.4	20	20	ATB	Wood		5	B-15176-5
210	25		1.9	1.4	40	15	ATB	Wood		1	B-15182
235	25		2.3	1.6	20	20	ATB	Wood		1	B-15198
235	25		2.3	1.6	20	20	ATB	Wood		5	B-15198-5
235	25		2.3	1.6	20	20	ATB	Wood		20	B-15198-20
235	25		2.3	1.6	40	15	ATB	Wood		1	B-15207
235	25		2.3	1.6	60	15	ATB	Wood		1	B-15213
270	25.4		2.6	1.8	18	20	ATB	Wood		1	B-15229
270	25.4		2.6	1.8	24	20	ATB	Wood		1	B-15235
270	25.4		2.6	1.6	40	20	ATB	Wood		1	B-15241

Accessories

South America Package



(Slide Compound Saw / Miter Saw)

190	20		2.2	1.6	24	5	ATB	Wood		1	B-15257
190	20		2	1.4	60	5	ATB	Wood		1	B-15263
216	30	15.88	2.4	1.6	24	5	ATB	Wood		1	B-15279
216	30	15.88	2	1.4	60	5	ATB	Wood		1	B-15285
255	25.4		2.3	1.8	32	15	ATB	Wood		1	B-15291
255	30	25.4	2.3	1.8	64	5	ATB	Wood		1	B-15300
255	25.4		2.3	1.8	80	5	ATB	Wood		1	B-15316
260	25.4		2.3	1.8	32	15	ATB	Wood		1	B-15322
260	25.4		2.3	1.8	50	10	ATAF	Wood		1	B-15338
260	25.4		2.3	1.8	80	5	ATB	Wood		1	B-15344
305	25.4		2.6	2	60	10	ATAF	Wood		1	B-15350
305	30	25.4	2.3	1.8	100	5	ATB	Wood		1	B-15366
355	25.4		3	2.2	80	5	ATB	Wood		1	B-15372



(Table Saw)

255	30	25.4	2.6	1.8	32	20	ATB	Wood		1	B-15388
255	30	25.4	2.8	1.8	72	10	ATAF	Wood		1	B-15394
260	25.4		2.6	1.8	32	20	ATB	Wood		1	B-15403
260	25.4		2.8	1.8	72	10	ATAF	Wood		1	B-15419



Oceania Package

Circular Saw Economy



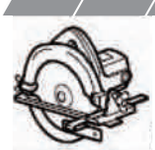
(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20		2	1.2	16	12	ATB	Wood		1	D-50485
165	20		2	1.2	24	12	ATB	Wood		1	D-50491
165	20		2	1.2	40	12	ATB	Wood		1	D-50500
185	30		2.2	1.4	16	18	ATB	Wood		1	D-51487
185	30		2.2	1.4	24	15	ATB	Wood		1	D-51493
185	30		2.2	1.4	40	14	ATB	Wood		1	D-51502
235	30		2.5	1.6	20	14	ATB	Wood		1	D-51518
235	30		2.5	1.6	40	12	ATB	Wood		1	D-51524
235	30		2.5	1.6	60	12	ATB	Wood		1	D-51530

SPECIALIZED
FOR FIBER CEMENT BOARD

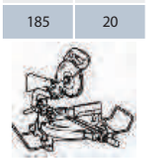






(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20		2.3	1.6	4	12	FTG	Fiber Cement Board	P.C.D Tip	1	B-20971
185	20		2.3	1.6	4	12	FTG	Fiber Cement Board	P.C.D Tip	1	B-20650



(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
255	25.4		2.5	1.8	6	8	FTG	Fiber Cement Board	P.C.D Tip	1	B-20666
305	25.4		2.5	1.8	8	8	FTG	Fiber Cement Board	P.C.D Tip	1	B-20672

Accessories

Oceania Package

SPECIALIZED

FOR QUIET CUTTING
IN TIMBER WITH LESS VIBRATION



(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
190	20		2	1.4	60	5	ATAF	Wood	Laser Slit	1	B-15425
216	30		2.8	1.8	80	5	ATAF	Wood	Laser Slit	1	B-15431
255	30	25.4	2.3	1.8	80	5	ATAF	Wood	Laser Slit	1	B-15453
260	30	25.4	2.3	1.8	80	5	ATAF	Wood	Laser Slit	1	B-15475
305	25.4		2.3	1.8	100	5	ATAF	Wood	Laser Slit	1	B-15481
305	30	25.4	2.3	1.8	100	5	ATAF	Wood	Laser Slit	1	B-15497



(Table Saw)

255	30	25.4	2.8	1.8	80	15	ATAFR	Wood	Laser Slit	1	B-15447
260	25.4		2.8	1.8	80	15	ATAFR	Wood	Laser Slit	1	B-15469

SPECIALIZED

TIP EMBEDDED
KNOT AND NAIL CUTTING

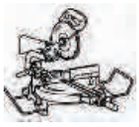


(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
160	20		2	1.25	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-30776
160	20	15.88	2	1.25	40	18	ATB	Wood/ Nail	Tip Embedded	1	B-30782
185	20	15.88	2	1.25	24	25	ATB	Wood/ Nail	Tip Embedded	1	B-30798
185	20	15.88	2	1.25	40	25	ATB	Wood/ Nail	Tip Embedded	1	B-30807
210	25	15.88	1.9	1.4	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-30813
210	25		1.9	1.4	40	18	ATB	Wood/ Nail	Tip Embedded	1	B-30829
235	25		2.3	1.6	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-30835
235	25		2.3	1.6	48	18	ATB	Wood/ Nail	Tip Embedded	1	B-30841

Accessories

Oceania Package



(Slide Compound Saw / Miter Saw)

190	20		2.2	1.6	24	5	ATB	Wood/ Nail	Tip Embedded	1	B-30857
190	20		2	1.4	40	5	ATB	Wood/ Nail	Tip Embedded	1	B-30863
216	30		2.4	1.6	24	5	ATB	Wood/ Nail	Tip Embedded	1	B-30879
216	30		2	1.4	40	5	ATB	Wood/ Nail	Tip Embedded	1	B-30885
255	25.4		2.3	1.8	32	5	ATAF	Wood/ Nail	Tip Embedded	1	B-30891
255	25.4		2.3	1.8	48	5	ATAF	Wood/ Nail	Tip Embedded	1	B-30900
260	30	25.4	2.3	1.8	32	5	ATAF	Wood/ Nail	Tip Embedded	1	B-30916
260	30	25.4	2.3	1.8	64	5	ATAF	Wood/ Nail	Tip Embedded	1	B-30922
305	25.4		2.3	1.8	32	5	ATAF	Wood/ Nail	Tip Embedded	1	B-30938
305	25.4		2.3	1.8	60	5	ATAF	Wood/ Nail	Tip Embedded	1	B-30944



(Table Saw)

255	25.4		2.6	1.8	32	20	ATB	Wood/ Nail	Tip Embedded	1	B-30950
255	25.4		2.6	1.8	64	10	ATAF	Wood/ Nail	Tip Embedded	1	B-30966
260	30		2.6	1.8	32	20	ATB	Wood/ Nail	Tip Embedded	1	B-30972
260	30	25.4	2.6	1.8	64	10	ATAF	Wood/ Nail	Tip Embedded	1	B-30988

SPECIALIZED
FOR TIMBER CUTTING
FOR PLUNGE SAWS



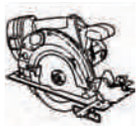
(Plunge Cut Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
160	20		2.2	1.6	28	15	ATB	Wood	Laser Slit	1	B-15506
160	20		2.2	1.6	48	8	ATB	Wood	Laser Slit	1	B-15512
165	20		2.2	1.6	28	15	ATB	Wood	Laser Slit	1	B-15528
165	20		2.2	1.6	48	8	ATB	Wood	Laser Slit	1	B-15534
165	20		2.4	1.7	56	-3	TCG	Aluminum	Laser Slit	1	B-15540
210	30		2.4	1.8	48	8	ATB	Wood	Laser Slit	1	B-15556

Accessories

Oceania Package

SPECIALIZED
FOR LAMINATE CUTTING



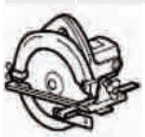
(Cordless Saw)

Outer dia.(mm)	Bore(mm)	Ring(mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
85	15		1.0	0.7	24	7	ATAF	Laminate	Coated	1	B-37568
136	20		1.4	1.0	48	10	ATAF	Laminate	Coated	1	B-37574
165	20		1.45	1.0	52	5	TCG	Laminate	Coated / Laser Slit	1	B-37580



(Cordless Slide Compound Saw)

190	20		1.9	1.4	60	-18	ATAF	Laminate	Coated / Laser Slit		B-39126



(Circular Saw)

160	20		2.2	1.6	60	5	TCG	Laminate	Coated / Laser Slit		B-39132
185	20	15.88	1.8	1.2	60	5	TCG	Laminate	Coated / Laser Slit		B-39148



(Slide Compound Saw / Miter Saw)

190	20		2.0	1.4	60	5	TCG	Laminate	Coated / Laser Slit	1	B-37596
216	30		2.5	1.8	72	5	TCG	Laminate	Coated / Laser Slit	1	B-37605
255	30	25.4	2.5	1.8	84	5	TCG	Laminate	Coated / Laser Slit	1	B-37611
260	25.4		2.5	1.8	84	5	TCG	Laminate	Coated / Laser Slit	1	B-37627
305	25.4		2.5	1.8	96	5	TCG	Laminate	Coated / Laser Slit	1	B-37633

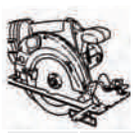




Accessories

Oceania Package

SPECIALIZED
FOR ALUMINIUM CUTTING



(Cordless Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
136	20		1.6	1.0	50	0	ATB	Aluminum		1	B-40319



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
160	20		2.4	1.8	60	0	TCG	Aluminum		1	B-15562
185	20		2.4	1.8	60	0	TCG	Aluminum		1	B-15578
190	20		2.4	1.8	60	0	TCG	Aluminum		1	B-15584
210	25		2.4	1.8	60	0	TCG	Aluminum		1	B-15590
235	25		2.4	1.8	80	0	TCG	Aluminum		1	B-15609



(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
190	20		2	1.4	60	-5	TCG	Aluminum		1	B-15615
216	30		2.2	1.6	64	-5	TCG	Aluminum		1	B-15621
255	25.4		2.4	1.8	80	-5	TCG	Aluminum		1	B-15637
255	25.4		2.4	1.8	100	-5	TCG	Aluminum		1	B-15643
260	25.4		2.4	1.8	80	-5	TCG	Aluminum		1	B-15659
260	30	25.4	2.4	1.8	100	-5	TCG	Aluminum		1	B-15665
305	25.4		2.4	1.8	80	-5	TCG	Aluminum		1	B-15671
305	30	25.4	2.4	1.8	100	-5	TCG	Aluminum		1	B-15687
355	25.4		3	2.2	100	0	TCG	Aluminum		1	B-15693



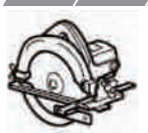
(Table Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
255	25.4		2.8	2.2	80	0	TCG	Aluminum		1	B-15702
260	25.4		2.8	2.2	80	0	TCG	Aluminum		1	B-15718

Accessories

Oceania Package

SPECIALIZED
FOR SANDWICH PANEL



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
235	25		2.2	1.8	50	0	SMTCG	Sandwichpanel	Laser Slit	1	B-37649
270	25.4		2.4	2.0	60	0	SMTCG	Sandwichpanel	Laser Slit	1	B-37655

SPECIALIZED
FOR METAL CUTTING



Cordless Metal Cutter

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
136	20		1.5	1.2	30	0	MTCG	Mild steel		1	B-15724
136	20		1.4	1.1	50	-15	ATB	Thin sheet metal		1	B-15730
136	20		1.1	0.95	56	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-23092
160	20		1.6	1.3	46	0	MTCG	Mild steel		1	B-15746
160	20		1.6	1.4	56	-15	ATB	Thin sheet metal		1	B-15752



Metal Cutter

185	20		1.9	1.5	36	0	ATB	Mild steel		1	B-15768
185	20		2	1.6	38	0	MTCG	Mild steel		1	B-15774
185	20		2	1.6	48	0	MTCG	Thin mild steel		1	B-15780
185	20		1.7	1.3	70	-10	FTG	Corrugated steel plate		1	B-15796
185	20		1.85	1.5	48	0	SMTCG	Mild steel	Long Life	1	B-23335
185	20		1.8	1.5	56	0	SMTCG	Thin mild steel	Long Life	1	B-23379
185	20		1.6	1.3	64	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-31675



Metal Cutting Saw

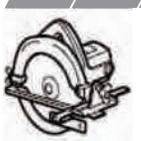
305	25.4		2.1	1.7	60	0	TCG	Mild steel		1	B-15805
305	25.4		2.4	2	60	0	TCG	Mild steel	Laser Slit	1	B-15827
305	25.4		2.3	2	78	-5	MTCG	Thin mild steel		1	B-15811
305	25.4		1.95	1.65	100	-3	SMTCG	Stainless/Mild steel	Laser Slit	1	B-23139

Europe package





M-force



(Circular Saw)

Outer dia.(mm)	Bore(mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	2	1.2	10	15	M-FORCE	Wood		1	B-07886
165	30	-	2	1.2	10	15	M-FORCE	Wood		1	B-07892
165	20	-	2	1.2	16	15	M-FORCE	Wood		1	B-07901
165	20	-	2	1.2	24	15	M-FORCE	Wood		1	B-08006
170	30	15.88	2	1.2	16	15	M-FORCE	Wood		1	B-07917
170	30	15.88	2	1.2	24	15	M-FORCE	Wood		1	B-08012
180	20	-	2	1.2	16	15	M-FORCE	Wood		1	B-07923
180	30	-	2	1.2	16	15	M-FORCE	Wood		1	B-07939
180	20	-	2	1.2	24	15	M-FORCE	Wood		1	B-08028
180	30	-	2	1.2	24	15	M-FORCE	Wood		1	B-08034
185	30	20/15.88	2	1.2	16	15	M-FORCE	Wood		1	B-07945
185	30	20/15.88	2	1.2	24	15	M-FORCE	Wood		1	B-08040
190	15.88	-	2	1.2	12	15	M-FORCE	Wood		1	B-07951
190	30	20/15.88	2	1.2	12	15	M-FORCE	Wood		1	B-07967
190	30	20/15.88	2	1.2	24	15	M-FORCE	Wood		1	B-08056
190	15.88	-	2	1.2	24	15	M-FORCE	Wood		1	B-08062
210	30	-	2.3	1.4	16	15	M-FORCE	Wood		1	B-07973
210	30	-	2.3	1.4	24	15	M-FORCE	Wood		1	B-08078
210	30	-	2.3	1.4	40	15	M-FORCE	Wood		1	B-08109
230	30	-	2.3	1.6	18	15	M-FORCE	Wood		1	B-07989
230	30	-	2.3	1.6	24	15	M-FORCE	Wood		1	B-08084
230	30	-	2.3	1.6	40	15	M-FORCE	Wood		1	B-08115
235	30	25/15.88	2.3	1.6	20	15	M-FORCE	Wood		1	B-07995
235	30	-	2.3	1.6	24	15	M-FORCE	Wood		1	B-08090
235	30	25/15.88	2.3	1.6	40	15	M-FORCE	Wood		1	B-08121

Accessories

Europe package





MAKFORCE



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
140	15.88	-	1.5	1	18	20	ATB	Wood		1	B-08137
150	20	-	2.4	1.5	24	20	ATB	Wood		1	B-08280
160	20	15.88	2.4	1.5	16	20	ATB	Wood		1	B-08143
160	20	15.88	2.4	1.5	24	20	ATB	Wood		1	B-08296
160	20	15.88	2.4	1.5	40	20	ATB	Wood		1	B-08420
165	20	-	2	1.4	10	20	FTG	Wood		1	B-08159
165	30	-	2	1.4	10	20	FTG	Wood		1	B-08165
165	30	-	2.4	1.5	24	20	ATB	Wood		1	B-08305
165	30	-	2.4	1.5	40	20	ATB	Wood		1	B-08436
170	30	15.88	2.4	1.5	16	20	ATB	Wood		1	B-08171
170	30	15.88	2.4	1.5	24	20	ATB	Wood		1	B-08311
170	30	15.88	2.4	1.5	40	20	ATB	Wood		1	B-08442
180	20	-	2.4	1.5	16	20	ATB	Wood		1	B-08187
180	30	-	2.4	1.5	16	20	ATB	Wood		1	B-08193
180	20	-	2.4	1.5	24	20	ATB	Wood		1	B-08327
180	30	-	2.4	1.5	24	20	ATB	Wood		1	B-08333
180	20	-	2.4	1.5	40	20	ATB	Wood		1	B-08458
180	30	-	2.4	1.5	40	20	ATB	Wood		1	B-08464
185	15.88	-	1.8	1.2	16	20	ATB	Wood		1	B-08202
185	15.88	-	1.8	1.2	24	20	ATB	Wood		1	B-08349
185	15.88	-	1.8	1.2	40	20	ATB	Wood		1	B-08470
190	15.88	-	2.2	1.4	12	20	FTG	Wood		1	B-08218
190	30	20/15.88	2	1.4	12	20	FTG	Wood		1	B-08224
190	30	20/15.88	2.2	1.4	24	20	ATB	Wood		1	B-08355
190	15.88	-	2.2	1.4	24	20	ATB	Wood		1	B-08361
190	30	20/15.88	2.2	1.4	40	20	ATB	Wood		1	B-08486
190	15.88	-	2.2	1.4	40	20	ATB	Wood		1	B-08492
190	30	20/15.88	2.2	1.4	60	15	ATAF	Wood		1	B-08551
210	30	-	2.4	1.6	16	20	ATB	Wood		1	B-08230
210	30	-	2.4	1.6	24	20	ATB	Wood		1	B-08377
210	30	-	2.4	1.6	40	20	ATB	Wood		1	B-08501
230	30	-	2.6	1.6	18	20	ATB	Wood		1	B-08246
230	30	-	2.3	1.6	24	20	ATB	Wood		1	B-08383
230	30	-	2.6	1.6	40	20	ATB	Wood		1	B-08517
230	30	-	2.8	1.8	60	15	ATAF	Wood		1	B-08567
235	30	-	2.6	1.6	18	20	ATB	Wood		1	B-08252
235	30	-	2.3	1.6	20	20	ATB	Wood		1	B-08399
235	30	-	2.3	1.6	24	20	ATB	Wood		1	B-08408
235	30	-	2.6	1.6	40	20	ATB	Wood		1	B-08523
235	30	-	2.8	1.8	60	15	ATAF	Wood		1	B-08589
270	30	20	2.6	1.8	24	20	ATB	Wood		1	B-08268
270	30	-	2.6	1.6	40	20	ATB	Wood		1	B-08539
270	30	-	2.8	1.8	60	15	ATAF	Wood		1	B-08573
355	30	-	3	2.2	24	20	ATB	Wood		1	B-08274
355	30	-	3	2.2	40	20	ATB	Wood		1	B-08414
355	30	-	3	2.2	60	20	ATB	Wood		1	B-08545
355	30	-	2.8	1.8	60	15	ATAF	Wood		1	B-08595

Accessories

Europe package

Circular Saw Economy



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20		2	1.2	16	12	ATB	Wood			D-52554
165	20		2	1.2	24	12	ATB	Wood			D-52560
165	20		2	1.2	40	12	ATB	Wood			D-52576
185	30		2.2	1.4	16	18	ATB	Wood			D-52582
185	30		2.2	1.4	24	15	ATB	Wood			D-52598
185	30		2.2	1.4	40	14	ATB	Wood			D-52607
185	30		2.2	1.4	40	14	ATB	Wood			D-52607-10
235	30		2.5	1.6	20	14	ATB	Wood			D-52613
235	30		2.5	1.6	20	14	ATB	Wood			D-52613-10
235	30		2.5	1.6	40	12	ATB	Wood			D-52629
235	30		2.5	1.6	60	12	ATB	Wood			D-52635

MAKBLADE PLUS®

CARBIDE-TIPPED BLADE WITH ANTI-RUST COATING







(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
190	20	-	2.2	1.6	24	5	ATB	Wood	Laser Slit	1	B-08604
190	20	-	2	1.4	60	5	ATAF	Wood	Coated / Laser Slit	1	B-08757
216	30	-	2.4	1.6	24	5	ATB	Wood	Coated / Laser Slit	1	B-08610
216	30	-	2.4	1.6	48	5	ATAF	Wood	Coated / Laser Slit	1	B-08632
216	30	-	2.1	1.6	60	5	ATAF	Wood	Coated / Laser Slit	1	B-08676
216	30	-	2.8	1.8	80	5	ATAF	Wood	Coated / Laser Slit	1	B-08791
255	30	-	2.3	1.8	32	5	ATB	Wood	Coated / Laser Slit	1	B-08626
255	30	-	2.4	1.8	40	5	ATAF	Wood	Coated / Laser Slit	1	B-08648
255	30	-	2.3	1.8	60	5	ATAF	Wood	Coated / Laser Slit	1	B-08682
255	30	-	2.4	1.8	72	5	ATAF	Wood	Coated / Laser Slit	1	B-08763
260	30	-	2.3	1.8	40	5	ATAF	Wood	Coated / Laser Slit	1	B-08654
260	30	-	2.3	1.8	60	5	ATAF	Wood	Coated / Laser Slit	1	B-08698
260	30	-	2.3	1.8	70	5	ATAF	Wood	Laser Slit	1	B-08707
260	30	-	2.3	1.8	80	5	ATAF	Wood	Coated / Laser Slit	1	B-08779
260	30	-	2.3	1.8	100	5	ATAF	Wood	Coated / Laser Slit	1	B-08800

Accessories

Europe package

305	30	-	2.3	1.8	40	5	ATAF	Wood	Coated / Laser Slit	1	B-08660
305	30	-	2.3	1.8	60	5	ATAF	Wood	Coated / Laser Slit	1	B-08713
305	30	-	2.6	2	60	5	ATAF	Wood	Coated / Laser Slit	1	B-08729
305	30	-	2.5	1.9	70	0	ATAF	Wood	Laser Slit	1	B-08735
305	30	-	2.3	1.8	80	5	ATAF	Wood	Coated / Laser Slit	1	B-08785
305	30	-	2.3	1.8	100	5	ATAF	Wood	Coated / Laser Slit	1	B-08816
355	30	-	3	2.2	80	5	ATAF	Wood	Coated / Laser Slit	1	B-08741



(Table Saw)

200	30	-	2.6	1.6	36	20	ATB	Wood	Coated / Laser Slit	1	B-09802
200	30	-	2.6	1.6	60	15	ATAFR	Wood	Coated / Laser Slit	1	B-08822
250	30	-	2.8	1.8	40	20	ATB	Wood	Coated / Laser Slit	1	B-09818
250	30	-	2.8	1.8	80	15	ATAFR	Wood	Coated / Laser Slit	1	B-08838
250	30	-	2.6	1.8	80	5	TCG	MDF	Coated / Laser Slit	1	B-42640
250	30	-	2.6	1.8	80	-5	Hi-ATB	MDF	Coated / Laser Slit	1	B-42662
250	30	-	3.2	2.2	80	5	TCG	MDF	Coated / Laser Slit	1	B-42830
250	30	-	3.2	2.2	80	-5	Hi-ATB	MDF	Coated / Laser Slit	1	B-42852
260	30	-	2.8	1.8	48	20	ATB	Wood	Coated / Laser Slit	1	B-09824
260	30	-	2.8	1.8	80	15	ATAFR	Wood	Coated / Laser Slit	1	B-08844
300	30	-	2.8	1.8	48	20	ATB	Wood	Coated / Laser Slit	1	B-09830
300	30	-	2.6	1.8	96	5	TCG	MDF	Coated / Laser Slit	1	B-42656
300	30	-	2.6	1.8	96	-5	Hi-ATB	MDF	Coated / Laser Slit	1	B-42678
300	30	-	3.2	2.2	96	5	TCG	MDF	Coated / Laser Slit	1	B-42846
300	30	-	3.2	2.2	96	-5	Hi-ATB	MDF	Coated / Laser Slit	1	B-42868
300	30	-	2.8	1.8	100	15	ATAFR	Wood	Coated / Laser Slit	1	B-08850
350	30	-	3.5	2.5	56	20	ATB	Wood	Coated / Laser Slit	1	B-09846
350	30	-	3	2	100	15	ATAFR	Wood	Coated / Laser Slit	1	B-08866

MAKBLADE®

Outer dia.(mm)	Bore(mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



(Slide Compound Saw / Miter Saw)

190	20	-	2.2	1.6	24	5	ATB	Wood		1	B-08894
190	20	-	2.2	1.6	48	5	ATB	Wood		1	B-08953
190	20	-	2	1.4	60	5	ATB	Wood		1	B-09042
216	30	-	2.4	1.6	24	5	ATB	Wood		1	B-08903
216	30	-	2.1	1.6	40	10	ATB	Wood		1	B-08872
216	30		2.4	1.6	48	5	ATB	Wood		1	B-39506
216	30	-	2.4	1.6	48	5	ATB	Wood		1	B-08969
216	30	-	2	1.4	60	5	ATB	Wood		1	B-09058
216	30	-	2.8	1.8	100	5	ATB	Wood		1	B-09092
250	30	-	2.4	1.6	32	5	ATAF	Wood		1	B-08919
250	30	-	2.4	1.8	48	5	ATB	Wood		1	B-08975
250	30	-	2.3	1.8	60	5	ATB	Wood		1	B-09008
250	30	-	2.4	1.8	72	5	ATB	Wood		1	B-09064
250	30	-	2.3	1.8	100	5	ATB	Wood		1	B-09101

Accessories

Europe package

255	30	-	2.3	1.8	32	5	ATAF	Wood		1	B-08925
255	30	-	2.1	1.6	48	10	ATB	Wood		1	B-08888
255	30	-	2.3	1.8	60	5	ATB	Wood		1	B-09014
260	30	-	2.3	1.8	32	5	ATAF	Wood		1	B-08931
260	30	-	2.3	1.8	40	5	ATB	Wood		1	B-08981
260	30	-	2.3	1.8	60	5	ATB	Wood		1	B-09020
260	30	-	2.3	1.8	80	5	ATB	Wood		1	B-09070
260	30	-	2.3	1.8	100	5	ATB	Wood		1	B-09117
305	30	-	2.3	1.8	32	5	ATAF	Wood		1	B-08947
305	30	-	2.3	1.8	40	5	ATB	Wood		1	B-08997
305	30	-	2.3	1.8	60	5	ATB	Wood		1	B-09036
305	30	-	2.3	1.8	80	5	ATB	Wood		1	B-09086
305	30	-	2.3	1.8	100	5	ATB	Wood		1	B-09123



(Table Saw)

260	30	-	2.3	1.6	24	20	ATB	Wood		1	B-21989

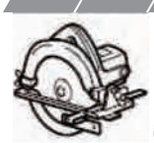
SPECIALIZED

TIP EMBEDDED
KNOT AND NAIL CUTTING





Outer dia(mm)	Bore(mm)	Ring(mm)	Kerf(mm)	Plate(mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



(Circular Saw)

165	20	-	2	1.3	16	23	ATB	Wood/ Nail	Tip Embedded	1	B-09329
165	20	-	2	1.3	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-09391
165	20	-	2	1.3	40	18	ATB	Wood/ Nail	Tip Embedded	1	B-09472
185	15.88	-	2	1.3	16	25	ATB	Wood/ Nail	Tip Embedded	1	B-09335
185	30	-	2	1.3	16	25	ATB	Wood/ Nail	Tip Embedded	1	B-09341
185	30	-	2	1.3	20	25	ATB	Wood/ Nail	Tip Embedded	1	B-09416
185	15.88	-	2	1.3	24	25	ATB	Wood/ Nail	Tip Embedded	1	B-09400
185	15.88	-	2	1.3	40	25	ATB	Wood/ Nail	Tip Embedded	1	B-09488
185	30	-	2	1.3	40	25	ATB	Wood/ Nail	Tip Embedded	1	B-09494
190	30	-	2	1.3	16	25	ATB	Wood/ Nail	Tip Embedded	1	B-09357
190	30	-	2	1.3	24	25	ATB	Wood/ Nail	Tip Embedded	1	B-09422
190	30	-	2	1.3	40	25	ATB	Wood/ Nail	Tip Embedded	1	B-09503
210	30	-	1.9	1.4	18	25	ATB	Wood/ Nail	Tip Embedded	1	B-09363
210	30	-	1.9	1.4	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-09438
235	30	-	2.3	1.6	20	25	ATB	Wood/ Nail	Tip Embedded	1	B-09379
235	30	-	2.3	1.6	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-09444
235	30	-	2.3	1.6	48	18	ATB	Wood/ Nail	Tip Embedded	1	B-09519
270	30	-	2.6	1.8	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-09450
270	30	-	2.6	1.8	40	18	ATB	Wood/ Nail	Tip Embedded	1	B-09525
270	30	-	2.6	1.8	60	18	ATB	Wood/ Nail	Tip Embedded	1	B-09531
355	30	-	3	2.2	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-09385
355	30	-	3	2.2	40	23	ATB	Wood/ Nail	Tip Embedded	1	B-09466
355	30	-	3	2.2	60	18	ATB	Wood/ Nail	Tip Embedded	1	B-09547

Accessories

Europe package



(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
190	20		2.2	1.6	24	5	ATB	Wood/ Nail	Tip Embedded	1	B-40587
190	20		2	1.4	40	5	ATB	Wood/ Nail	Tip Embedded	1	B-40593
216	30		2.4	1.6	24	5	ATB	Wood/ Nail	Tip Embedded	1	B-40602
216	30		2	1.4	40	5	ATB	Wood/ Nail	Tip Embedded	1	B-40618
260	30		2.3	1.8	32	5	ATAF	Wood/ Nail	Tip Embedded	1	B-40624
260	30		2.3	1.8	64	5	ATAF	Wood/ Nail	Tip Embedded	1	B-40630
305	30		2.3	1.8	32	5	ATAF	Wood/ Nail	Tip Embedded	1	B-40646
305	30		2.3	1.8	60	5	ATAF	Wood/ Nail	Tip Embedded	1	B-40652

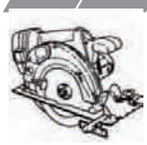
SPECIALIZED FOR CONSTRUCTION



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
190	30	-	2.6	1.6	12	20	FTG	Wood/ Nail	Tip Embedded	1	B-13683
210	30	-	2.8	1.8	14	20	TFG	Wood/ Nail	Tip Embedded	1	B-27246
235	30	-	2.6	1.8	16	20	FTG	Wood/ Nail	Tip Embedded	1	B-13699

SPECIALIZED FOR CORDLESS SAWS



(Cordless Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
85	15	-	1	0.7	20	10	ATB	Wood		1	B-09204
85	15	-	1	0.7	20	10	ATB	Wood		1	B-16885
136	20	-	1.5	1	16	20	ATAF	Wood		1	B-10643
136	10	-	1.5	1	24	20	ATAF	Wood		1	B-09139
136	20	-	1.5	1	24	20	ATAF	Wood		1	B-21995
136	10	-	1.5	1	36	18	ATAF	Wood		1	B-09210
136	20	-	1.5	1	36	18	ATAF	Wood		1	B-22006
150	10	-	1.5	1	24	20	ATAF	Wood		1	B-09145
150	10	-	1.5	1	40	18	ATAF	Wood		1	B-09226
160	20	-	1.5	1	24	20	ATAF	Wood		1	B-09151
165	10	-	1.5	1	24	20	ATAF	Wood		1	B-09189

Accessories

Europe package

165	20	-	1.5	1	24	20	ATAF	Wood		1	B-09167
165	20	-	1.5	1	24	20	ATAF	Wood		1	B-09173
165	20	-	1.6	1	40	18	ATAF	Wood		1	B-09232
165	20	-	1.6	1	40	18	ATAF	Wood		1	B-09248
190	30	-	2	1.4	24	20	ATAF	Wood		1	B-09195
190	30	-	2	1.4	40	10	ATAF	Wood		1	B-09254



(Cordless Slide Compound Saw)

190	20	-	1.9	1.4	24	-18	ATAF	Wood		1	B-21967
190	20	-	1.9	1.4	40	-18	ATAF	Wood		1	B-20694

SPECIALIZED FOR PLUNGE SAWS



(Plunge Saw)

Outer dia.(mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
160	20	-	2.2	1.6	28	23	ATB	Wood	Laser Slit	1	B-09260
160	20	-	2.2	1.6	48	8	ATB	Wood	Laser Slit	1	B-09276
165	20	-	2.2	1.6	28	15	ATB	Wood	Laser Slit	1	B-09282
165	20	-	2.2	1.6	48	8	ATB	Wood	Laser Slit	1	B-09298
165	20		2.2	1.6	60	5	Hi-ATB	MDF	Coated / Laser Slit	1	B-45428
165	20		2.2	1.6	60	5	TCG	MDF	Coated / Laser Slit	1	B-45434
185	15.88	-	2.2	1.6	24	20	ATB	Wood		1	B-09313
190	30	-	2.2	1.6	24	20	ATB	Wood		1	B-19015
165	20	-	2.2	1.6	56	-3	TCG	Aluminum	Laser Slit	1	B-09307

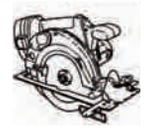




Accessories

Europe package

SPECIALIZED FOR LAMINATE CUTTING



(Cordless Saw)

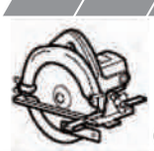
Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
85	15	-	1	0.7	24	7	ATAF	Laminate	Coated	1	B-29430
136	20	-	1.45	1	48	10	ATAF	Laminate	Coated	1	B-29446
165	20	-	1.45	1	52	5	TCG	Laminate	Coated / Laser Slit	1	B-29452



(Slide Compound Saw / Miter Saw)

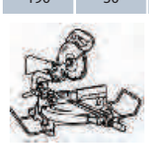
190	20	-	2	1.4	60	5	TCG	Laminate	Coated / Laser Slit	1	B-29468
216	30	-	2.5	1.8	72	5	TCG	Laminate	Coated / Laser Slit	1	B-29474
250	30	-	2.5	1.8	84	5	TCG	Laminate	Coated / Laser Slit	1	B-29480
260	30	-	2.5	1.8	84	5	TCG	Laminate	Coated / Laser Slit	1	B-29496
305	30	-	2.5	1.8	96	5	TCG	Laminate	Coated / Laser Slit	1	B-29505

SPECIALIZED FOR FIBER CEMENT BOARD



(Circular Saw)

165	20	-	2.3	1.6	4	12	FTG	Fiber Cement Board	P.C.D Tip	1	B-22997
190	30	-	2.3	1.6	4	12	FTG	Fiber Cement Board	P.C.D Tip	1	B-23008



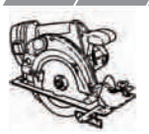
(Slide Compound Saw / Miter Saw)

260	30	-	2.5	1.8	6	8	FTG	Fiber Cement Board	P.C.D Tip	1	B-23014
305	30	-	2.5	1.8	8	8	FTG	Fiber Cement Board	P.C.D Tip	1	B-23020

Accessories

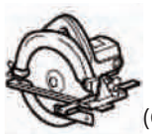
Europe package

SPECIALIZED
FOR ALUMINUM CUTTING



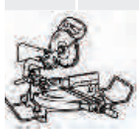
(Cordless Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
136	20		1.6	1.0	50	0	ATB	Aluminum		1	B-40294



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
160	20	-	2.4	1.8	60	0	TCG	Aluminum		1	B-09553
160	30	20	2.4	1.8	60	0	TCG	Aluminum		1	B-09569
180	30	20/15.88	2.4	1.8	60	0	TCG	Aluminum		1	B-09575
185	15.88	-	2.4	1.8	60	0	TCG	Aluminum		1	B-09581
190	30	20/15.88	2.4	1.8	60	0	TCG	Aluminum		1	B-09597
210	30	-	2.4	1.8	60	0	TCG	Aluminum		1	B-12435
235	30	-	2.4	1.8	80	0	TCG	Aluminum		1	B-09606



(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
190	20	-	2	1.4	60	-5	TCG	Aluminum		1	B-09612
216	30	-	2.2	1.6	64	-5	TCG	Aluminum		1	B-09628
250	30	-	2.4	1.8	80	-5	TCG	Aluminum		1	B-09634
250	30	-	2.4	1.8	100	-5	TCG	Aluminum		1	B-09640
260	30	-	2.4	1.8	80	-5	TCG	Aluminum		1	B-09656
260	30	-	2.4	1.8	100	-5	TCG	Aluminum		1	B-09662
305	30	-	2.4	1.8	80	-5	TCG	Aluminum		1	B-09678
305	30	-	2.4	1.8	100	-5	TCG	Aluminum		1	B-09684



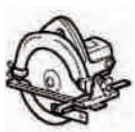
(Table Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
200	30	-	2.8	2.2	64	0	TCG	Aluminum		1	B-09690
250	30	-	2.8	2.2	80	0	TCG	Aluminum		1	B-09709
260	30	-	2.8	2.2	80	0	TCG	Aluminum		1	B-09715
300	30	-	2.8	2.2	80	0	TCG	Aluminum		1	B-09721
350	30	-	3.2	2.6	100	0	TCG	Aluminum		1	B-09737

Accessories

Europe package

SPECIALIZED FOR SANDWICH PANEL

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
 (Circular Saw)											
235	30	-	2.2	1.8	50	0	SMTCG	Sandwichpanel	Laser Slit	1	B-17675
270	30	-	2.4	2	60	0	SMTCG	Sandwichpanel	Laser Slit	1	B-17681
355	30	-	2.6	2.2	80	0	SMTCG	Sandwichpanel	Laser Slit	1	B-17697

SPECIALIZED FOR METAL CUTTING

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
 Cordless Metal Cutter											
136	20	-	1.5	1.2	30	0	MTCG	Mild steel		1	B-10615
136	20	-	1.4	1.1	50	-15	ATB	Thin sheet metal		1	B-21973
136	20	-	1.1	1	56	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-23086
 Metal Cutter											
185	30	-	1.9	1.5	36	0	ATB	Mild steel		1	B-09743
185	30	-	2	1.6	38	0	MTCG	Mild steel		1	B-09759
185	30	-	2	1.6	48	0	MTCG	Thin mild steel		1	B-09787
185	30	-	1.7	1.3	70	-10	FTG	Corrugated steel plate		1	B-09771
185	30	-	1.85	1.5	48	0	SMTCG	Mild steel	Long Life	1	B-23329
185	30	-	1.8	1.5	56	0	SMTCG	Thin mild steel	Long Life	1	B-23363
185	30	-	1.6	1.3	64	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-31669
 Metal Cutting Saw											
305	25.4	-	2.1	1.7	60	0	TCG	Mild steel		1	B-09765
305	25.4	-	2.4	2	60	0	TCG	Mild steel	Laser Slit	1	B-34132
305	25.4	-	2.3	2	78	-5	MTCG	Thin mild steel		1	B-09793
305	25.4	-	2	1.7	100	-3	SMTCG	Stainless/Mild steel	Laser Slit	1	B-23123

Accessories

Germany package



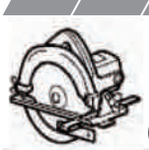


M-force

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
 (Circular Saw)											
165	20	-	2	1.2	10	15	M-FORCE	Wood		1	B-31918
165	30	-	2	1.2	10	15	M-FORCE	Wood		1	B-31924
165	20	-	2	1.2	16	15	M-FORCE	Wood		1	B-31930
165	20	-	2	1.2	24	15	M-FORCE	Wood		1	B-32007
170	30	15.88	2	1.2	16	15	M-FORCE	Wood		1	B-31946
170	30	15.88	2	1.2	24	15	M-FORCE	Wood		1	B-32013
180	30	-	2	1.2	16	15	M-FORCE	Wood		1	B-31952
180	30	-	2	1.2	24	15	M-FORCE	Wood		1	B-32029
185	30	20/15.88	2	1.2	16	15	M-FORCE	Wood		1	B-31968
185	30	20/15.88	2	1.2	24	15	M-FORCE	Wood		1	B-32035
190	30	20/15.88	2	1.2	12	15	M-FORCE	Wood		1	B-31974
190	30	20/15.88	2	1.2	24	15	M-FORCE	Wood		1	B-32041
210	30	-	2.3	1.4	16	15	M-FORCE	Wood		1	B-31980
210	30	-	2.3	1.4	24	15	M-FORCE	Wood		1	B-32057
210	30	-	2.3	1.4	40	15	M-FORCE	Wood		1	B-32079
235	30	25/15.88	2.3	1.6	20	15	M-FORCE	Wood		1	B-31996
235	30	-	2.3	1.6	24	15	M-FORCE	Wood		1	B-32063
235	30	25/15.88	2.3	1.6	40	15	M-FORCE	Wood		1	B-32085





Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
 (Circular Saw)											
150	20	-	2.4	1.5	24	20	ATB	Wood		1	B-32194
160	20	15.88	2.4	1.5	16	20	ATB	Wood		1	B-32091
160	20	15.88	2.4	1.5	24	20	ATB	Wood		1	B-32203

Accessories

Germany package

160	20	15.88	2.4	1.5	40	20	ATB	Wood		1	B-32297
165	20	-	2	1.4	10	20	FTG	Wood		1	B-32100
165	30	-	2	1.4	10	20	FTG	Wood		1	B-32116
165	30	-	2.4	1.5	24	20	ATB	Wood		1	B-32219
165	30	-	2.4	1.5	40	20	ATB	Wood		1	B-32306
170	30	15.88	2.4	1.5	16	20	ATB	Wood		1	B-32122
170	30	15.88	2.4	1.5	24	20	ATB	Wood		1	B-32225
170	30	15.88	2.4	1.5	40	20	ATB	Wood		1	B-32312
180	30	-	2.4	1.5	16	20	ATB	Wood		1	B-32138
180	30	-	2.4	1.5	24	20	ATB	Wood		1	B-32231
180	20	-	2.4	1.5	40	20	ATB	Wood		1	B-32328
180	30	-	2.4	1.5	40	20	ATB	Wood		1	B-32334
190	30	20/15.88	2	1.4	12	20	FTG	Wood		1	B-32144
190	30	20/15.88	2.2	1.4	24	20	ATB	Wood		1	B-32247
190	30	20/15.88	2.2	1.4	40	20	ATB	Wood		1	B-32340
190	30	20/15.88	2.2	1.4	60	15	ATAF	Wood		1	B-32390
210	30	-	2.4	1.6	16	20	ATB	Wood		1	B-32150
210	30	-	2.4	1.6	24	20	ATB	Wood		1	B-32253
210	30	-	2.4	1.6	40	20	ATB	Wood		1	B-32356
235	30	-	2.6	1.6	18	20	ATB	Wood		1	B-32166
235	30	-	2.3	1.6	20	20	ATB	Wood		1	B-32269
235	30	-	2.3	1.6	24	20	ATB	Wood		1	B-32275
235	30	-	2.6	1.6	40	20	ATB	Wood		1	B-32362
235	30	-	2.8	1.8	60	15	ATAF	Wood		1	B-32415
270	30	20	2.6	1.8	24	20	ATB	Wood		1	B-32172
270	30	-	2.6	1.6	40	20	ATB	Wood		1	B-32378
270	30	-	2.8	1.8	60	15	ATAF	Wood		1	B-32409
355	30	-	3	2.2	24	20	ATB	Wood		1	B-32188
355	30	-	3	2.2	40	20	ATB	Wood		1	B-32281
355	30	-	3	2.2	60	20	ATB	Wood		1	B-32384
355	30	-	2.8	1.8	60	15	ATAF	Wood		1	B-32421

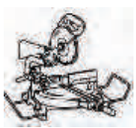
MAKBLADE PLUS®

CARBIDE-TIPPED BLADE WITH ANTI-RUST COATING





Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



(Slide Compound Saw / Miter Saw)

190	20	-	2.2	1.6	24	5	ATB	Wood	Laser Slit	1	B-32437
190	20	-	2	1.4	60	5	ATAF	Wood	Coated / Laser Slit	1	B-32580
216	30	-	2.4	1.6	24	5	ATB	Wood	Coated / Laser Slit	1	B-32443
216	30	-	2.4	1.6	48	5	ATAF	Wood	Coated / Laser Slit	1	B-32465
216	30	-	2.1	1.6	60	5	ATAF	Wood	Coated / Laser Slit	1	B-32502
216	30	-	2.8	1.8	80	5	ATAF	Wood	Coated / Laser Slit	1	B-32627

Accessories

Germany package

255	30	-	2.3	1.8	32	5	ATB	Wood	Coated / Laser Slit	1	B-32459
255	30	-	2.4	1.8	40	5	ATAF	Wood	Coated / Laser Slit	1	B-32471
255	30	-	2.3	1.8	60	5	ATAF	Wood	Coated / Laser Slit	1	B-32518
255	30	-	2.4	1.8	72	5	ATAF	Wood	Coated / Laser Slit	1	B-32596
260	30	-	2.3	1.8	40	5	ATAF	Wood	Coated / Laser Slit	1	B-32487
260	30	-	2.3	1.8	60	5	ATAF	Wood	Coated / Laser Slit	1	B-32524
260	30	-	2.3	1.8	70	5	ATAF	Wood	Laser Slit	1	B-32530
260	30	-	2.3	1.8	80	5	ATAF	Wood	Coated / Laser Slit	1	B-32605
260	30	-	2.3	1.8	100	5	ATAF	Wood	Coated / Laser Slit	1	B-32633
305	30	-	2.3	1.8	40	5	ATAF	Wood	Coated / Laser Slit	1	B-32493
305	30	-	2.3	1.8	60	5	ATAF	Wood	Coated / Laser Slit	1	B-32546
305	30	-	2.6	2	60	5	ATAF	Wood	Coated / Laser Slit	1	B-32552
305	30	-	2.5	1.9	70	0	ATAF	Wood	Laser Slit	1	B-32568
305	30	-	2.3	1.8	80	5	ATAF	Wood	Coated / Laser Slit	1	B-32611
305	30	-	2.3	1.8	100	5	ATAF	Wood	Coated / Laser Slit	1	B-32649
355	30	-	3	2.2	80	5	ATAF	Wood	Coated / Laser Slit	1	B-32574



(Table Saw)

200	30	-	2.6	1.6	36	20	ATB	Wood	Coated / Laser Slit	1	B-33473
250	30	-	2.8	1.8	40	20	ATB	Wood	Coated / Laser Slit	1	B-33489
260	30	-	2.8	1.8	48	20	ATB	Wood	Coated / Laser Slit	1	B-33495
260	30	-	2.8	1.8	80	15	ATAFR	Wood	Coated / Laser Slit	1	B-32655
300	30	-	2.8	1.8	48	20	ATB	Wood	Coated / Laser Slit	1	B-33504
300	30	-	2.8	1.8	100	15	ATAFR	Wood	Coated / Laser Slit	1	B-32661
350	30	-	3.5	2.5	56	20	ATB	Wood	Coated / Laser Slit	1	B-33510
350	30	-	3	2	100	15	ATAFR	Wood	Coated / Laser Slit	1	B-32677

MAKBLADE®



Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



(Slide Compound Saw / Miter Saw)

190	20	-	2.2	1.6	24	5	ATB	Wood		1	B-32708
190	20	-	2.2	1.6	48	5	ATB	Wood		1	B-32758
190	20	-	2	1.4	60	5	ATB	Wood		1	B-32823
216	30	-	2.4	1.6	24	5	ATB	Wood		1	B-32714
216	30	-	2.1	1.6	40	10	ATB	Wood		1	B-32683
216	30	-	2.4	1.6	48	5	ATB	Wood		1	B-32764
216	30	-	2	1.4	60	5	ATB	Wood		1	B-32839
216	30	-	2.8	1.8	100	5	ATB	Wood		1	B-32867
255	30	-	2.3	1.8	32	5	ATAF	Wood		1	B-32720
255	30	-	2.1	1.6	48	10	ATB	Wood		1	B-32699
255	30	-	2.3	1.8	60	5	ATB	Wood		1	B-32792

Accessories

Germany package

260	30	-	2.3	1.8	32	5	ATAF	Wood		1	B-32736
260	30	-	2.3	1.8	40	5	ATB	Wood		1	B-32770
260	30	-	2.3	1.8	60	5	ATB	Wood		1	B-32801
260	30	-	2.3	1.8	80	5	ATB	Wood		1	B-32845
260	30	-	2.3	1.8	100	5	ATB	Wood		1	B-32873
305	30	-	2.3	1.8	32	5	ATAF	Wood		1	B-32742
305	30	-	2.3	1.8	40	5	ATB	Wood		1	B-32786
305	30	-	2.3	1.8	60	5	ATB	Wood		1	B-32817
305	30	-	2.3	1.8	80	5	ATB	Wood		1	B-32851
305	30	-	2.3	1.8	100	5	ATB	Wood		1	B-32889



(Table Saw)

260	30	-	2.3	1.6	24	20	ATB	Wood		1	B-33679

SPECIALIZED
TIP EMBEDDED
KNOT AND NAIL CUTTING





Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



(Circular Saw)

165	20	-	2	1.3	16	23	ATB	Wood/ Nail	Tip Embedded	1	B-33037
165	20	-	2	1.3	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-33093
165	20	-	2	1.3	40	18	ATB	Wood/ Nail	Tip Embedded	1	B-33168
185	30	-	2	1.3	16	25	ATB	Wood/ Nail	Tip Embedded	1	B-33043
185	30	-	2	1.3	20	25	ATB	Wood/ Nail	Tip Embedded	1	B-33102
185	30	-	2	1.3	40	25	ATB	Wood/ Nail	Tip Embedded	1	B-33174
190	30	-	2	1.3	16	25	ATB	Wood/ Nail	Tip Embedded	1	B-33059
190	30	-	2	1.3	24	25	ATB	Wood/ Nail	Tip Embedded	1	B-33118
190	30	-	2	1.3	40	25	ATB	Wood/ Nail	Tip Embedded	1	B-33180
210	30	-	1.9	1.4	18	25	ATB	Wood/ Nail	Tip Embedded	1	B-33065
210	30	-	1.9	1.4	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-33124
235	30	-	2.3	1.6	20	25	ATB	Wood/ Nail	Tip Embedded	1	B-33071
235	30	-	2.3	1.6	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-33130
235	30	-	2.3	1.6	48	18	ATB	Wood/ Nail	Tip Embedded	1	B-33196
270	30	-	2.6	1.8	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-33146
270	30	-	2.6	1.8	40	18	ATB	Wood/ Nail	Tip Embedded	1	B-33205
270	30	-	2.6	1.8	60	18	ATB	Wood/ Nail	Tip Embedded	1	B-33211
355	30	-	3	2.2	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-33087
355	30	-	3	2.2	40	23	ATB	Wood/ Nail	Tip Embedded	1	B-33152
355	30	-	3	2.2	60	18	ATB	Wood/ Nail	Tip Embedded	1	B-33227

Accessories

Germany package

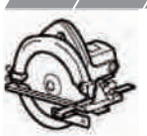


(Slide Compound Saw / Miter Saw)

190	20		2.2	1.6	24	5	ATB	Wood/ Nail	Tip Embedded	1	B-42363
190	20		2	1.4	40	5	ATB	Wood/ Nail	Tip Embedded	1	B-42379
260	30		2.3	1.8	32	5	ATAF	Wood/ Nail	Tip Embedded	1	B-42385
260	30		2.3	1.8	64	5	ATAF	Wood/ Nail	Tip Embedded	1	B-42391
305	30		2.3	1.8	32	5	ATAF	Wood/ Nail	Tip Embedded	1	B-42400
305	30		2.3	1.8	60	5	ATAF	Wood/ Nail	Tip Embedded	1	B-42416

SPECIALIZED FOR CONSTRUCTION

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.

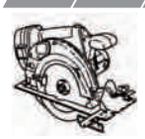


(Circular Saw)

190	30	-	2.6	1.6	12	20	FTG	Wood/ Nail	Tip Embedded	1	B-33554
210	30	-	2.8	1.8	14	20	TFG	Wood/ Nail	Tip Embedded	1	B-33766
235	30	-	2.6	1.8	16	20	FTG	Wood/ Nail	Tip Embedded	1	B-33560

SPECIALIZED FOR CORDLESS SAWS

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



(Cordless Saw)

85	15	-	1	0.7	20	10	ATB	Wood		1	B-32932
85	15	-	1	0.7	20	10	ATB	Wood		1	B-33576
136	20	-	1.5	1	16	20	ATAF	Wood		1	B-33532
136	10	-	1.5	1	24	20	ATAF	Wood		1	B-32895
136	20	-	1.5	1	24	20	ATAF	Wood		1	B-33629
136	10	-	1.5	1	36	18	ATAF	Wood		1	B-32948
136	20	-	1.5	1	36	18	ATAF	Wood		1	B-33635
165	20	-	1.5	1	24	20	ATAF	Wood		1	B-32904
165	20	-	1.5	1	24	20	ATAF	Wood		1	B-32910
165	20	-	1.6	1	40	18	ATAF	Wood		1	B-32954
165	20	-	1.6	1	40	18	ATAF	Wood		1	B-32960
190	30	-	2	1.4	24	20	ATAF	Wood		1	B-32926
190	30	-	2	1.4	40	10	ATAF	Wood		1	B-32976

Accessories

Germany package



(Cordless Slide Compound Saw)

190	20	-	1.9	1.4	24	-18	ATAF	Wood		1	B-33657
190	20	-	1.9	1.4	40	-18	ATAF	Wood		1	B-33663

SPECIALIZED FOR PLUNGE SAWS

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.

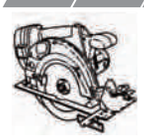


(Plunge Saw)

160	20	-	2.2	1.6	28	23	ATB	Wood	Laser Slit	1	B-32982
160	20	-	2.2	1.6	48	8	ATB	Wood	Laser Slit	1	B-32998
165	20	-	2.2	1.6	28	15	ATB	Wood	Laser Slit	1	B-33009
165	20	-	2.2	1.6	48	8	ATB	Wood	Laser Slit	1	B-33015
190	30	-	2.2	1.6	24	20	ATB	Wood		1	B-33613
165	20	-	2.2	1.6	56	-3	TCG	Aluminum	Laser Slit	1	B-33021

SPECIALIZED FOR LAMINATE CUTTING

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



(Cordless Saw)

85	15	-	1	0.7	24	7	ATAF	Laminate	Coated	1	B-33819
136	20	-	1.45	1	48	10	ATAF	Laminate	Coated	1	B-33825
165	20	-	1.45	1	52	5	TCG	Laminate	Coated / Laser Slit	1	B-33831



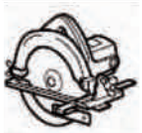
(Slide Compound Saw / Miter Saw)

190	20	-	2	1.4	60	5	TCG	Laminate	Coated / Laser Slit	1	B-33847
216	30	-	2.5	1.8	72	5	TCG	Laminate	Coated / Laser Slit	1	B-33853
250	30	-	2.5	1.8	84	5	TCG	Laminate	Coated / Laser Slit	1	B-33869
260	30	-	2.5	1.8	84	5	TCG	Laminate	Coated / Laser Slit	1	B-33875
305	30	-	2.5	1.8	96	5	TCG	Laminate	Coated / Laser Slit	1	B-33881

Accessories

Germany package

SPECIALIZED
FOR FIBER CEMENT BOARD



(Circular Saw)

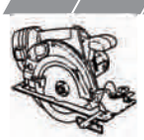
Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	2.3	1.6	4	12	FTG	Fiber Cement Board	P.C.D Tip	1	B-33685
190	30	-	2.3	1.6	4	12	FTG	Fiber Cement Board	P.C.D Tip	1	B-33691



(Slide Compound Saw / Miter Saw)

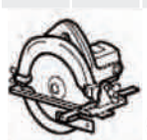
Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
260	30	-	2.5	1.8	6	8	FTG	Fiber Cement Board	P.C.D Tip	1	B-33700
305	30	-	2.5	1.8	8	8	FTG	Fiber Cement Board	P.C.D Tip	1	B-33716

SPECIALIZED
FOR ALUMINUM CUTTING



(Cordless Saw)

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
136	20		1.6	1.0	50	0	ATB	Aluminum		1	B-40303



(Circular Saw)

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
160	20	-	2.4	1.8	60	0	TCG	Aluminum		1	B-33233
160	30	20	2.4	1.8	60	0	TCG	Aluminum		1	B-33249
180	30	20/15.88	2.4	1.8	60	0	TCG	Aluminum		1	B-33255
190	30	20/15.88	2.4	1.8	60	0	TCG	Aluminum		1	B-33261
210	30	-	2.4	1.8	60	0	TCG	Aluminum		1	B-33548
235	30	-	2.4	1.8	80	0	TCG	Aluminum		1	B-33277

Accessories

Germany package



(Slide Compound Saw / Miter Saw)

190	20	-	2	1.4	60	-5	TCG	Aluminum		1	B-33283
216	30	-	2.2	1.6	64	-5	TCG	Aluminum		1	B-33299
250	30	-	2.4	1.8	80	-5	TCG	Aluminum		1	B-33308
250	30	-	2.4	1.8	100	-5	TCG	Aluminum		1	B-33314
260	30	-	2.4	1.8	80	-5	TCG	Aluminum		1	B-33320
260	30	-	2.4	1.8	100	-5	TCG	Aluminum		1	B-33336
305	30	-	2.4	1.8	80	-5	TCG	Aluminum		1	B-33342
305	30	-	2.4	1.8	100	-5	TCG	Aluminum		1	B-33358

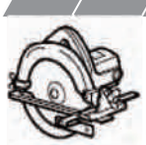


(Table Saw)

200	30	-	2.8	2.2	64	0	TCG	Aluminum		1	B-33364
250	30	-	2.8	2.2	80	0	TCG	Aluminum		1	B-33370
260	30	-	2.8	2.2	80	0	TCG	Aluminum		1	B-33386
300	30	-	2.8	2.2	80	0	TCG	Aluminum		1	B-33392
350	30	-	3.2	2.6	100	0	TCG	Aluminum		1	B-33401

SPECIALIZED FOR SANDWICH PANEL

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



(Circular Saw)

235	30	-	2.2	1.8	50	0	SMTCG	Sandwichpanel	Laser Slit	1	B-33582
270	30	-	2.4	2	60	0	SMTCG	Sandwichpanel	Laser Slit	1	B-33598
355	30	-	2.6	2.2	80	0	SMTCG	Sandwichpanel	Laser Slit	1	B-33607

SPECIALIZED FOR METAL CUTTING

Outer dia (mm)	Bore (mm)	ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



Cordless Metal Cutter

136	20	-	1.5	1.2	30	0	MTCG	Mild steel		1	B-33526
136	20	-	1.4	1.1	50	-15	ATB	Thin sheet metal		1	B-33641
136	20	-	1.1	1	56	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-33744

Accessories

Germany package



Metal Cutter

185	30	-	1.9	1.5	36	0	ATB	Mild steel		1	B-33417
185	30	-	2	1.6	38	0	MTCG	Mild steel		1	B-33423
185	30	-	2	1.6	48	0	MTCG	Thin mild steel		1	B-33451
185	30	-	1.7	1.3	70	-10	FTG	Corrugated steel plate		1	B-33445
185	30	-	1.85	1.5	48	0	SMTCG	Mild steel	Long Life	1	B-33722
185	30	-	1.8	1.5	56	0	SMTCG	Thin mild steel	Long Life	1	B-33738
185	30	-	1.6	1.3	64	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-33984



Metal Cutting Saw

305	25.4	-	2.1	1.7	60	0	TCG	Mild steel		1	B-33439
305	25.4	-	2.3	2	78	-5	MTCG	Thin mild steel		1	B-33467
305	25.4	-	2	1.7	100	-3	SMTCG	Stainless/Mild steel	Laser Slit	1	B-33750





Accessories

Rusia package





M-force



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	2	1.2	10	15	M-FORCE	Wood		1	B-35140
165	20	-	2	1.2	16	15	M-FORCE	Wood		1	B-31201
165	20	-	2	1.2	24	15	M-FORCE	Wood		1	B-31223
185	30		2	1.2	16	15	M-FORCE	Wood		1	B-43642
185	30	20/15.88	2	1.2	24	15	M-FORCE	Wood		1	B-31239
190	30	20/15.88	2	1.2	12	15	M-FORCE	Wood		1	B-31245
190	30	20/15.88	2	1.2	24	15	M-FORCE	Wood		1	B-31273
210	30	-	2.3	1.4	16	15	M-FORCE	Wood		1	B-31326
210	30	-	2.3	1.4	24	15	M-FORCE	Wood		1	B-31348
210	30	-	2.3	1.4	40	15	M-FORCE	Wood		1	B-31360
235	30	15.88	2.3	1.6	20	15	M-FORCE	Wood		1	B-31382
235	30	-	2.3	1.6	24	15	M-FORCE	Wood		1	B-31407
235	30	25/15.88	2.3	1.6	40	15	M-FORCE	Wood		1	B-31429



(Circular Saw)

165	20	-	2	1.4	10	20	FTG	Wood		1	B-29169
190	30	20/15.88	2	1.4	12	20	FTG	Wood		1	B-29197
190	30		2.2	1.4	40	20	ATB	Wood		1	B-43658
190	30	20/15.88	2.2	1.4	24	20	ATB	Wood		1	B-31295
190	30	20/15.88	2.2	1.4	60	15	ATAF	Wood		1	B-35190
210	30		2.4	1.6	16	20	ATB	Wood		1	B-43664
210	30		2.4	1.6	24	20	ATB	Wood		1	B-43670
210	30		2.4	1.6	40	20	ATB	Wood		1	B-43686
235	30		2.6	1.6	18	20	ATB	Wood		1	B-43692
235	30		2.3	1.6	20	20	ATB	Wood		1	B-43701
235	30		2.3	1.6	24	20	ATB	Wood		1	B-43717
235	30		2.6	1.6	40	20	ATB	Wood		1	B-43723
235	30	-	2.8	1.8	60	15	ATAF	Wood		1	B-35215
270	30	20	2.6	1.8	24	20	ATB	Wood		1	B-35156
270	30	-	2.6	1.6	40	20	ATB	Wood		1	B-35184
270	30	-	2.8	1.8	60	15	ATAF	Wood		1	B-35209
355	30	-	3	2.2	24	20	ATB	Wood		1	B-35162
355	30	-	3	2.2	40	20	ATB	Wood		1	B-35178
355	30	-	2.8	1.8	60	15	ATAF	Wood		1	B-35221

Rusia package

Circular Saw Economy

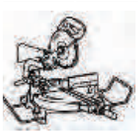


(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20		2	1.2	16	12	ATB	Wood		1	D-51390
165	20		2	1.2	24	12	ATB	Wood		1	D-51409
165	20		2	1.2	40	12	ATB	Wood		1	D-51415
185	30	20	2.2	1.4	16	18	ATB	Wood		1	D-51421
185	30	20	2.2	1.4	24	15	ATB	Wood		1	D-51437
185	30	20	2.2	1.4	40	14	ATB	Wood		1	D-51443
185	30	20	2.2	1.4	40	14	ATB	Wood		10	D-51443-10
235	30		2.5	1.6	20	14	ATB	Wood		1	D-51459
235	30		2.5	1.6	40	12	ATB	Wood		1	D-51465
235	30		2.5	1.6	60	12	ATB	Wood		1	D-51471

MAKBLADE PLUS®

CARBIDE-TIPPED BLADE WITH ANTI-RUST COATING



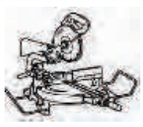
(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
216	30		2.4	1.6	24	5	ATB	Wood	Coated / Laser Slit	1	B-44600
216	30		2.4	1.6	48	5	ATAF	Wood	Coated / Laser Slit	1	B-44616
216	30		2.1	1.6	60	5	ATAF	Wood	Coated / Laser Slit	1	B-44622
216	30		2.8	1.8	80	5	ATAF	Wood	Coated / Laser Slit	1	B-44638
260	30		2.3	1.8	40	5	ATAF	Wood	Coated / Laser Slit	1	B-43739
260	30		2.8	1.8	48	20	ATB	Wood	Coated / Laser Slit	1	B-43745
260	30		2.3	1.8	60	5	ATAF	Wood	Coated / Laser Slit	1	B-43751
260	30		2.3	1.8	80	5	ATAF	Wood	Coated / Laser Slit	1	B-43767
260	30		2.8	1.8	80	15	ATAFR	Wood	Coated / Laser Slit	1	B-43773
260	30		2.3	1.8	100	5	ATAF	Wood	Coated / Laser Slit	1	B-43789
305	30		2.3	1.8	40	5	ATAF	Wood	Coated / Laser Slit	1	B-43795
305	30		2.3	1.8	60	5	ATAF	Wood	Coated / Laser Slit	1	B-43804
305	30		2.3	1.8	80	5	ATAF	Wood	Coated / Laser Slit	1	B-43810
305	30		2.3	1.8	100	5	ATAF	Wood	Coated / Laser Slit	1	B-43826
355	30	-	3	2.2	80	5	ATAF	Wood	Coated / Laser Slit	1	B-35237

Accessories

Rusia package

MAKBLADE®

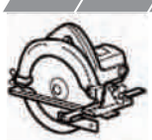


(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pk.g	Part No.
190	20	-	2.2	1.6	24	5	ATB	Wood		1	B-35243
190	20	-	2.2	1.6	48	5	ATB	Wood		1	B-35271
190	20	-	2	1.4	60	5	ATB	Wood		1	B-35287
255	30	-	2.3	1.8	32	5	ATAF	Wood		1	B-29228
260	30		2.3	1.6	24	20	ATB	Wood		1	B-43832
260	30	-	2.3	1.8	100	5	ATB	Wood		1	B-29262
260	30	-	2.3	1.8	32	5	ATAF	Wood		1	B-35259
260	30	-	2.3	1.8	40	5	ATB	Wood		1	B-29234
260	30	-	2.3	1.8	60	5	ATB	Wood		1	B-29240
260	30	-	2.3	1.8	80	5	ATB	Wood		1	B-29256
305	30	-	2.3	1.8	32	5	ATAF	Wood		1	B-35265
305	30	-	2.3	1.8	40	5	ATB	Wood		1	B-29278
305	30	-	2.3	1.8	60	5	ATB	Wood		1	B-29284
305	30	-	2.3	1.8	80	5	ATB	Wood		1	B-29290
305	30	-	2.3	1.8	100	5	ATB	Wood		1	B-29309

SPECIALIZED

TIP EMBEDDED
KNOT AND NAIL CUTTING



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pk.g	Part No.
165	20	-	2	1.25	16	23	ATB	Wood/ Nail	Tip Embedded	1	B-31217
165	20	-	2	1.25	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-29175
165	20	-	2	1.25	40	18	ATB	Wood/ Nail	Tip Embedded	1	B-29181
185	30	-	2	1.25	16	25	ATB	Wood/ Nail	Tip Embedded	1	B-43848
185	30	-	2	1.25	20	25	ATB	Wood/ Nail	Tip Embedded	1	B-43854
185	30	-	2	1.25	40	25	ATB	Wood/ Nail	Tip Embedded	1	B-29212
190	30	-	2	1.25	16	25	ATB	Wood/ Nail	Tip Embedded	1	B-31267
190	30	-	2	1.25	24	25	ATB	Wood/ Nail	Tip Embedded	1	B-31289
190	30	-	2	1.25	40	25	ATB	Wood/ Nail	Tip Embedded	1	B-31304
210	30	-	1.9	1.4	18	25	ATB	Wood/ Nail	Tip Embedded	1	B-31332
210	30	-	1.9	1.4	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-31354
235	30	-	2.3	1.6	20	25	ATB	Wood/ Nail	Tip Embedded	1	B-31398
235	30	-	2.3	1.6	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-31413
235	30	-	2.3	1.6	48	18	ATB	Wood/ Nail	Tip Embedded	1	B-31435
270	30	-	2.6	1.8	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-35318

Accessories

Rusia package

270	30	-	2.6	1.8	40	18	ATB	Wood/ Nail	Tip Embedded	1	B-35324
270	30	-	2.6	1.8	60	18	ATB	Wood/ Nail	Tip Embedded	1	B-35330
355	30	-	3	2.2	24	23	ATB	Wood/ Nail	Tip Embedded	1	B-31441
355	30	-	3	2.2	40	23	ATB	Wood/ Nail	Tip Embedded	1	B-31457
355	30	-	3	2.2	60	18	ATB	Wood/ Nail	Tip Embedded	1	B-31463

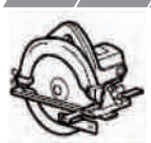


(Slide Compound Saw / Miter Saw)

260	30		2.3	1.8	32	5	ATAF	Wood/ Nail	Tip Embedded	1	B-43860
260	30		2.3	1.8	64	5	ATAF	Wood/ Nail	Tip Embedded	1	B-43876
305	30		2.3	1.8	32	5	ATAF	Wood/ Nail	Tip Embedded	1	B-43882
305	30		2.3	1.8	60	5	ATAF	Wood/ Nail	Tip Embedded	1	B-43898

SPECIALIZED
FOR CONSTRUCTION

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.

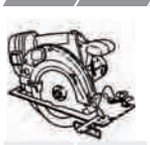


(Circular Saw)

190	30	-	2.6	1.6	12	20	FTG	Wood/ Nail	Tip Embedded	1	B-31251
210	30	-	2.8	1.8	14	20	TFG	Wood/ Nail	Tip Embedded	1	B-31310
235	30	-	2.6	1.8	16	20	FTG	Wood/ Nail	Tip Embedded	1	B-31376

SPECIALIZED
FOR CORDLESS SAWS

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.



(Cordless Saw)

85	15	-	1	0.7	20	10	ATB	Wood		1	B-31142
165	20	-	1.5	1	24	20	ATAF	Wood		1	B-31158
165	20	-	1.6	1	40	18	ATAF	Wood		1	B-31164



(Cordless Slide Compound Saw)

190	20	-	1.9	1.4	24	-18	ATAF	Wood		1	B-29206

Accessories

Rusia package

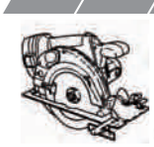
SPECIALIZED FOR PLUNGE SAWS



(Plunge Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	2.2	1.6	28	23	ATB	Wood	Laser Slit	1	B-31550
165	20	-	2.2	1.6	48	8	ATB	Wood	Laser Slit	1	B-35293
165	20	-	2.2	1.6	48	8	ATB	Wood	Laser Slit	1	B-31566
165	20	-	2.4	1.7	48	5	TCG	Corian	Laser Slit	1	B-43907
165	20	-	2.2	1.6	56	-3	TCG	Aluminum	Laser Slit	1	B-35302

SPECIALIZED FOR LAMINATE CUTTING



(Cordless Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
85	15	-	1	0.7	24	7	ATAF	Laminate	Coated	1	B-31170
136	20	-	1.45	1	48	10	ATAF	Laminate	Coated	1	B-31186
165	20	-	1.45	1	52	5	TCG	Laminate	Coated / Laser Slit	1	B-31192



(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
190	20	-	2	1.4	60	5	TCG	Laminate	Coated / Laser Slit	1	B-31572
216	30	-	2.5	1.8	72	5	TCG	Laminate	Coated / Laser Slit	1	B-31588
250	30	-	2.5	1.8	84	5	TCG	Laminate	Coated / Laser Slit	1	B-31594
260	30	-	2.5	1.8	84	5	TCG	Laminate	Coated / Laser Slit	1	B-31603
305	30	-	2.5	1.8	96	5	TCG	Laminate	Coated / Laser Slit	1	B-31619

Accessories

Rusia package

SPECIALIZED FOR FIBER CEMENT BOARD



(Circular Saw)

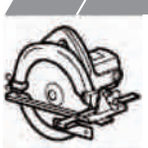
Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
136	20		1.4	1	10	10	FTG	Fiber Cement Board	P.C.D Tip	1	B-43088
165	20	-	2.3	1.6	4	12	FTG	Fiber Cement Board	P.C.D Tip	1	B-31538
190	30	-	2.3	1.6	4	12	FTG	Fiber Cement Board	P.C.D Tip	1	B-31544



(Slide Compound Saw / Miter Saw)

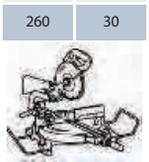
260	30	-	2.5	1.8	6	8	FTG	Fiber Cement Board	P.C.D Tip	1	B-31625
305	30	-	2.5	1.8	8	8	FTG	Fiber Cement Board	P.C.D Tip	1	B-31631

SPECIALIZED FOR ALUMINUM CUTTING



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
160	20	-	2.4	1.8	60	0	TCG	Aluminum		1	B-35346
180	30	20/15.88	2.4	1.8	60	0	TCG	Aluminum		1	B-35352
190	30	20/15.88	2.4	1.8	60	0	TCG	Aluminum		1	B-31479
210	30	-	2.4	1.8	60	0	TCG	Aluminum		1	B-31485
235	30	-	2.4	1.8	80	0	TCG	Aluminum		1	B-31491
260	30	-	2.8	2.2	80	0	TCG	Aluminum		1	B-35374



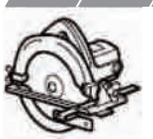
(Slide Compound Saw / Miter Saw)

190	20	-	2	1.4	60	-5	TCG	Aluminum		1	B-35368
260	30	-	2.4	1.8	80	-5	TCG	Aluminum		1	B-29315
260	30	-	2.4	1.8	100	-5	TCG	Aluminum		1	B-29321
305	30	-	2.4	1.8	80	-5	TCG	Aluminum		1	B-29337
305	30	-	2.4	1.8	100	-5	TCG	Aluminum		1	B-29343
355	30		3	2.4	120	-5	TCG	Aluminum		1	B-43913

Accessories

Rusia package

SPECIALIZED
FOR SANDWICH PANEL



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
235	30	-	2.2	1.8	50	0	SMTCG	Sandwichpanel	Laser Slit	1	B-31500
270	30	-	2.4	2	60	0	SMTCG	Sandwichpanel	Laser Slit	1	B-31516
355	30	-	2.6	2.2	80	0	SMTCG	Sandwichpanel	Laser Slit	1	B-31522

SPECIALIZED
FOR METAL CUTTING



Metal Cutter

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
185	30	-	1.9	1.5	36	0	ATB	Mild steel		1	B-29359
185	30	-	2	1.6	38	0	MTCG	Mild steel		1	B-29365
185	30	-	2	1.6	48	0	MTCG	Thin mild steel		1	B-29371
185	30	-	1.7	1.3	70	-10	FTG	Corrugated steel plate		1	B-29387
185	30	-	1.85	1.5	48	0	SMTCG	Mild steel	Long Life	1	B-31647
185	30	-	1.8	1.5	56	0	SMTCG	Thin mild steel	Long Life	1	B-31653
185	30	-	1.6	1.3	64	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-34154



Metal Cutting Saw

305	25.4	-	2.1	1.7	60	0	TCG	Mild steel		1	B-29393
305	25.4	-	2.4	2	60	0	TCG	Mild steel	Laser Slit	1	B-29402
305	25.4	-	2.3	2	78	-5	MTCG	Thin mild steel		1	B-29418
305	25.4	-	2	1.7	100	-3	SMTCG	Stainless/Mild steel	Laser Slit	1	B-35380

Accessories

Combinatioin saw blade

For rip and cross-cut. Has fewer teeth than cross cut blade for faster cutting.



(Circular Saw)

Outer dia (mm)	Bore (mm)	No. teeth	Material	Per pkg	Region A Part No.
110	20	50	Wood	1	792010-8
140	15.88	60	Wood	1	792017-4
180	20	80	Wood	1	792031-0
260	25	52	Wood	1	792083-1

Cross-cut saw blade

For smoother cross-cut in wood. Cuts smoother than combination blade.



(Circular Saw)

Outer dia (mm)	Bore (mm)	No. teeth	Material	Per pkg	Region A Part No.
110	20	60	Wood	1	792012-4
255	15.88	50	Wood	1	792640-5
355	25	70	Wood	1	792699-2
415	25	100	Wood	1	792115-4

Rip saw blade

For faster cutting with grain.
Similar to combination blade teeth in shape but larger in size for better chip clearance and less binding.



(Circular Saw)

Outer dia (mm)	Bore (mm)	No. teeth	Material	Per pkg	Region A Part No.
415	25	70	Wood	1	792114-6

Chisel tooth combination saw blade

For rip and cross-cut. Commonly used for general carpentry.



(Circular Saw)

Outer dia (mm)	Bore (mm)	No. teeth	Material	Per pkg	Region A Part No.
210	15.88	30	Wood	1	792281-7
260	25	36	Wood	1	792087-3
415	25	50	Wood	1	792116-2

ACCESSORIES

Jigsaw / Reciprosawing



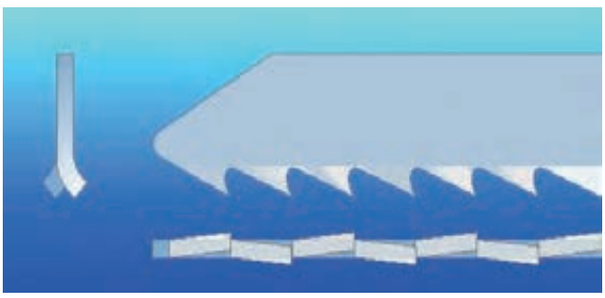
- Tungsten carbide tipped
- Diamond Grit
- Grit size
- Straight cutting
- Curved cutting
- Fine cut
- Coarse cut
- Thick material
- Thin material
- Ground teeth
- Number of teeth per inch
- Do not use orbital mode
- Use coolant, cool

Accessories

Jig Saw blade

Teeth Type

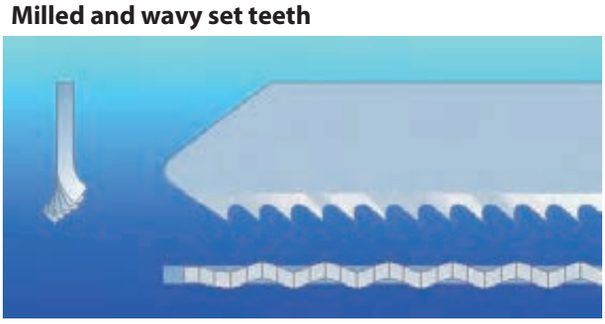
Milled and side set teeth



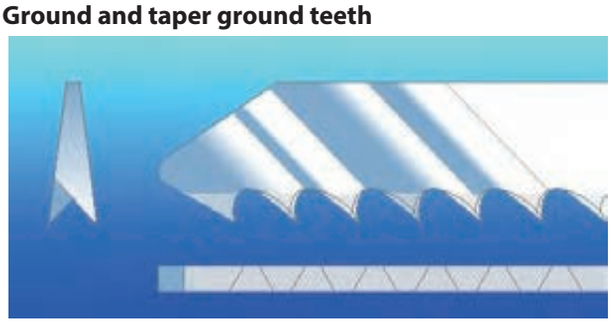
Ground and side set teeth



Milled and wavy set teeth



Ground and taper ground teeth



Teeth manufacture

Milled teeth

- Low cost type of manufacturing
- For general cutting
- Soft to hard materials
- Long blade life



Ground teeth

- Costly type of manufacturing
- Very sharp!
- Accurate, clean cut
- Soft to medium hard materials

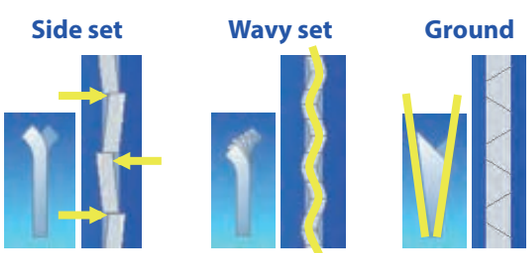


Production method

- **Side set:** each individual tooth is alternatly bend to the left and to the right. Raker setting Example: right, left, straight, etc.



- **Wavy set:** row of teeth receives a wave shape
- **Ground:** blade body tapers to the rear (conical)



Jig Saw Blade material

- **HCS (High Carbon Steel)** for cutting softer materials such as wood or plastics.
- **HSS (High Speed Steel)** for cutting harder materials such as metals.
- **BiM (Bi-metal, HCS base and HSS teeth)**
  for cutting soft materials to hard materials such as wood, metal, plastics.
- **TC (Tungsten Carbide)** for cutting glass fiber reinforced plastic, cement-bonded fiberboards or plasterboard.

Accessories

Makita type Jig Saw blade

For Model:
4300BA/BV, 4322M, 4323M, 4326M, 4327M





Shape	No.	Wood Plywood (mm)	Plastics (mm)	Aluminum (mm)	Stainless Steel (mm)	Mild Steel (mm)	Features / Application	Working Length (mm)	Tooth Per Inch	Material	Type of cutting	Per pkg.	Region B Part No.	Region C Part No.
Wood/ Basic														
	3	3-50	3-50	-	-	-	For general cutting	60	9	HCS		2	A-86533	723010-7-2A
												5	A-85868	
	16	3-50	3-50	-	-	-	For scroll cutting	60	9	HCS		2	792212-6	792211-8-2A
												5	A-85830	
Wood/ Fast														
	8	4-50	4-50	-	-	-	For fast cutting	60	8	HCS		2	792267-1	723023-8-2A
												5	A-85911	
Wood/ Finish														
	9	4-50	4-50	-	-	-	For fast finish work	60	8	HCS		2	792325-3	723024-6-2A
												5	A-85927	
	10	4-50	4-50	-	-	-	For fast finish work, especially suitable for plywood	60	9	HCS		2	792326-1	723025-4-2A
												5	A-85818	
	10S	3-50	-	-	-	-	Splinter-free cuts in wood, requiring no sanding	62	13	HCS		2	A-86555	
												5	A-85824	
	BR-3	4-50	-	-	-	-	Splinter-free cuts in wood requiring no sanding	60	9	HCS		5	A-85933	
Hardwood / Decorative veneers														
	2	3-50	3-50	2-6	-	2-6	For decorative veneers.	60	14	HSS		2	A-86527	723009-2-2A
												5	A-85852	
	4	3-50	3-50	3-6	-	3-6	For hardwood, thick mild steel plate and tough plastics	60	9	HSS		2	A-86549	723011-5-2A
												5	A-85874	
	17	2-50	2-50	2-6	-	2-6	Ideal for scroll cutting of decorative veneer	63	14	HSS		2	792215-0	792214-2-2A
												5	A-85846	
Finish for decorative veneers														
	41	3-50	3-50	-	-	-	Reverse tooth for splinter-free cuts for tough plastic and decorative veneers	60	12	HSS		2		792396-0-2A
												5	A-85880	792396-090A
	42	2-50	2-50	-	-	-	For decorative veneer	60	16	HSS		2		792395-2-2A
												5	A-85896	792395-290A
Metal/ Basic														
	1	-	1-6	1-3	0.5-3	1-3	For mild steel. Also suitable for corrugated plastics and tough plastics	60	24	HSS		2	A-86511	723012-3-2A
												5	A-85802	
	5	-	2-50	-	-	-	For mild steel	42	24	HSS		2	792131-6	723008-4-2A
												5	A-85905	

Accessories

Bayonet type Jig Saw blade

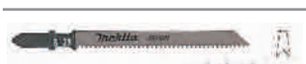
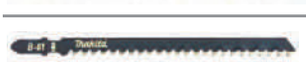




For Model:
DJV181, DJV182, DJV141, DJV142, BJV180, BJV140, JV183D, JV143D, JV0600, JV100D, DJR185, DJR145, JR102D
4326, 4327, 4328, 4329, 4350T/CT/FCT, 4351T/CT/FCT

Shape	No.	Wood Plywood (mm)	Plastics (mm)	Aluminum (mm)	Stainless Steel (mm)	Mild Steel (mm)	Features / Application	Working Length (mm)	Tooth Per Inch	Material	Type of cutting	Per pkg.	Region B Part No.	Region C Part No.
Super Express Jig saw Blade														
	B-50	5-50	5-50	-	-	-	For fast finish work in wood and plastic	77	8.5 -10.6	HCS		5	B-06460	
	B-51	-	-	-	1-3	1-8	Fast cut for mild steel, stainless steel	77	9.8 -18.1	HSS		5	B-06476	
	B-52	5-50	5-50	3-35	3-5	3-8	Fast cut for universal materials	77	5.5 -9.8	HSS		5	B-06482	
Wood/ Basic														
	B-13	4-65	4-65	-	-	-	For general cutting	70	8	HCS		2	B-01286	
												5	A-85656	792465-790A
	B-15	3-35	3-35	-	-	-	Ideal for cutting thin materials	50	12	HCS		5	A-85678	792467-390A
	B-14	2-35	2-35	-	-	-	Ideal for cutting thin materials	50	18	HCS		5	A-85662	792466-590A
	B-18	2-35	2-35	-	-	-	For scroll cutting	45	14	HCS		5	A-85709	792470-490A
Wood/ Fast														
	58	4-65	4-65	-	-	-	For fast cutting	75	8	HCS		5	A-86577	792429-190A
	B-16	5-65	5-65	-	-	-	For fast and rough cutting	75	6	HCS		2	B-01292	
												5	A-85684	792468-190A
	L-2	5-90	5-90	-	-	-	For fast and rough cutting	100	6	HCS		5	A-86309	
	B-16L	5-135	5-135	-	-	-	For fast and rough cutting	150	6	HCS		5	792726-5	792730-4
	B-17	5-60	5-60	-	-	-	For fast and scroll cutting	70	6	HCS		2	B-01301	
												5	A-85690	792469-990A
	B-8	4-65	4-65	-	-	-	Hook angle: 2 degrees	75	8	HCS		5	A-85232	
Wood/ Finish														
	59	4-65	4-65	-	-	-	For fast finish work	75	8	HCS		5	A-86583	792430-690A
	B-10	3-65	3-65	-	-	-	For fast finish work, especially suitable for	75	9	HCS		5	A-85628	792529-790A
	B-11	3-60	3-60	-	-	-	For fast finish work in wood and plastics	75	9	HCS		2	B-01270	
												5	A-85634	792463-190A
	B-10S	3-50	-	-	-	-	Splinter-free cuts in wood requiring no sanding	65	13	HCS		5	792691-8	
	B-12	5-65	5-65	-	-	-	For fast finish work in wood and plastics	75	6	HCS		5	A-85640	792464-990A
	L-1	5-90	5-90	-	-	-	Ideal for cutting thick materials	100	6	HCS		5	A-86290	
	B-29	2-35	2-35	-	-	-	For scroll cutting	42	16	HCS		5	A-80400	
	BR-13	5-65	-	-	-	-	Splinter-free cuts in wood, requiring no sanding	64	9	HCS		5	A-85793	792729-9

Accessories

Shape	No.	Wood Plywood (mm)	Plastics (mm)	Aluminium (mm)	Stainless Steel (mm)	Mild Steel (mm)	Features / Application	Working Length (mm)	Tooth Per Inch	Material	Type of cutting	Per pkg.	Region B Part No.	Region C Part No.
Hardwood / Decorative veneers														
	B-25	3-60	3-60	3-6	-	3-6	For hardwood, thick mild steel plate and hard plastics.	75	9	HSS		2	B-01345	
												5	A-85765	792476-290A
	B-26	3-60	3-60	3-10	-	3-10	For scroll cutting in hardwoods and for hard plastics.	70	9	HSS		2	B-01351	
												5	A-85771	792477-090A
Finish for decorative veneers														
	B-19	3-50	3-50	-	-	-	Reverse tooth for splinter-free cuts. For tough plastics and decorative veneers	65	12	HCS		5	A-85715	792471-290A
	B-28	2-50	2-50	-	-	-	For decorative veneers	63	16	HSS		5	A-80391	
Metal/ Basic														
	51	-	1.5-6	1.5-6	1-3	1-3	For mild steel	65	24	HSS		5	A-86561	792428-390A
	B-22	-	1-6	1-3	1-3	1-3	For mild steel, tough plastics. Espessialy for thin metal plate	50	24	HSS		2	B-01323	
												5	A-85737	792473-890A
	B-24	-	1-3	1-2	0.5-2	0.5-2	For very thin metal plate	50	32	HSS		5	A-85759	792475-490A
	B-23	3-35	3-35	2-6	-	2-6	For decorative veneers, medium-thick metal plate	50	14	HSS		2	B-01339	
												5	A-85743	792474-690A
	B-27	-	1-6	1-3	1-3	1-3	For scroll cutting in mild steel	50	24	HSS		2	B-01367	
												5	A-85787	792478-890A
	B-32	-	- Ø 65	- Ø 65	-	1.5-3	For thin metal plate, pipes and profiles. Also aluminium and plastics.	107	18	HSS		5	B-10431	
	B-33	-	- Ø 65	- Ø 65	-	2-3	For midium-thick metal plate, pipes and profiles. Also Aluminium	107	14	HSS		5	B-10447	
Metal/ Basic														
	B-34	-	1.5-6	1.5-3	1.5-3	1.5-3	For mild steel, tough plastics. Especially for thin metal plate	50	18	HSS		5	B-10453	
	B-35	*	- Ø 114	2-6	-	-	For sandwich materials * Wood with nails -ø120	154	14	BiM		3	B-10469	
For Plastics														
	B-21	-	3-60	1-10	-	-	For plastics finish work	75	12	HSS		2	B-01317	
												5	A-85721	792472-090A
For Rubber														
	B-K	-	-	-	-	-	Ideal for cutting of paper, cork, rubber, leather	75	-	HCS	-	5	A-80416	
For Fiber Cement														
	B-60	-	-	-	-	-	Fiber Cement/Plaster Board 5-50, FRP/Plastic 5-20	75	6	TC	-	3	B-06890	
	B-61	-	-	-	-	-	Fiber Cement/Plaster Board 5-80, FRP/Plastic 5-50	105	6	TC	-	3	B-06909	

Accessories

Economy type Jig Saw blade

For Model:
DJV181, DJV182, DJV141, DJV142, BJV180, BJV140, JV183D, JV143D, JV0600, JV100D, DJR185, DJR145, JR102D
4326, 4327, 4328, 4329, 4350T/CT/FCT, 4351T/CT/FCT

Shape	Wood Plywood (mm)	Plastics (mm)	Aluminum (mm)	Stainless Steel (mm)	Mild Steel (mm)	Features / Application	Working Length (mm)	Tooth Per Inch	Material	Type of cutting	Per pkg.	Region A	Part No.
	4-50	-	-	-	-	Wood / Basic	74	8	HCS		5	D-34877
	4-50	-	-	-	-	Wood / Fast	74	6	HCS		5	D-34883
	4-50	-	-	-	-	Wood / Fast, Curved	74	6	HCS		5	D-34899
	-	-	-	-	1-3	Metal / Basic	51	21	HSS		5	D-34908
	4-50	-	-	-	-	Wood / Finish	74	9	HCS		5	D-44214

Jig Saw Blade 100pc/ pack



Type	No.	Application	Part No.
Makita type	No.1	Metal	B-07783
	No.2	Wood	B-07799
	No.3	Wood	B-07808
	No.8	Wood	B-07814
	No.10	Wood	B-07820
Bayonet type	B-22	Metal	B-07733
	B-23	Metal	B-07749
	No.51	Metal	B-07836
	B-25	Wood	B-07755
	BR-13	Wood	B-07777
	B-10	Wood	B-07674
	B-11	Wood	B-07680
	B-12	Wood	B-07696
	B-13	Wood	B-07705
	B-16	Wood	B-07711
	B-18	Wood	B-07727
	B-29	Wood	B-07761
	No.58	Wood	B-07842
	No.59	Wood	B-07858

Accessories

Jig Saw blade plastic case assortment

There are total 6 ditches for Jigsaw Blade on the center plate.

You can put approx. 6 to 7 Jigsaw Blades in a ditch.

<Case Size>

Length Wide Height

47mm x 170mm x 27.5mm





Jig Saw blade set A 5 items (total 10pcs / set)

Shape	No.	Wood Plywood (mm)	Plastics (mm)	Aluminum (mm)	Stainless Steel (mm)	Mild Steel (mm)	Features / Application	Working Length (mm)	Tooth Per Inch	Material	Type of cutting	Per pkg.	Region A	Part No.
	B-13	4-65	4-65	-	-	-	For general cutting	70	8	HCS		2		
	B-16	5-65	5-65	-	-	-	For fast and rough cutting	75	6	HCS		2		
	B-10S	3-50	-	-	-	-	Splinter-free cuts in wood requiring no sanding	65	13	HCS		2		B-44410
	B-22	-	1-6	1-3	1-3	1-3	For mild steel, tough plastics. Espessialy for thin metal plate	50	24	HSS		2		
	B-23	3-35	3-35	2-6	-	2-6	For decorative veneers, medium-thick metal plate	50	14	HSS		2		

Jig Saw blade set B 4 items (total 10pcs / set)

Shape	No.	Wood Plywood (mm)	Plastics (mm)	Aluminum (mm)	Stainless Steel (mm)	Mild Steel (mm)	Features / Application	Working Length (mm)	Tooth Per Inch	Material	Type of cutting	Per pkg.	Region A	Part No.
	B-50	5-50	5-50	-	-	-	For fast finish work in wood and plastic	77	8.5 -10.6	HCS		4		
	B-51	-	-	-	1-3	1-8	Fast cut for mild steel, stainless steel	77	9.8 -18.1	HSS		2		B-44426
	B-52	5-50	5-50	3-35	3-5	3-8	Fast cut for universal materials	77	5.5 -9.8	HSS		2		
	B-53	1.5-15	1.5-15	-	-	-	Laminates, Hard wood and laminated panels	60	15	Bi-Metal		2		

Makita Jig Saw blade assortment

*Super Express Jig saw blade





Type	Five different jig saw blades in one packet					Part No.
Makita type	No.1	No.2	No.3	No.8	No.10S	A-86882
B type	B-10S	B-13	B-16	B-22	B-23	A-86898
B type	B-50	B-51	B-52	-	-	*B-06292

Accessories

Recipro saw blades for Model JR1000FT, JR102D

For Grinding

Shape	Description	Application	Overall Length (mm)	Working Length (mm)	Per pkg.	Part No.
	Sanding adapter (Use with Abrasive paper)	Wood	153	90	1	A-40967
	Abrasive paper #60 (Use with Sanding adapter)	Wood	-	95x22	10	B-04977
	Abrasive paper #120 (Use with Sanding adapter)	Wood	-	95x22	10	B-04983
	File (Round Type)	Metal	153	60	3	A-40945
	File (Flat Type)	Metal	153	60	3	A-40951

Recipro saw blades for Model JR1000FT, JR102D

HCS / High carbon steel for cutting softer materials such as wood or plastics HSS / High speed steel for cutting harder materials such as metals,aluminium,and non-metals

For Cutting

Shape	No.	Wood Plywood (mm)	Plastics (mm)	Aluminum (mm)	Stainless Steel (mm)	Mild Steel (mm)	Features / Application	Working Length (mm)	Tooth Per Inch	Material	Type of cutting	Per pkg.	Region B Part No.	Region C Part No.
Wood/ Fast														
	B-8	4-65	4-65	-	-	-	Ideal for fast cutting of wood and plastics.Hook angle:2degrees	75	8	HCS		5	A-85232	
Wood/ Finish														
	B-10	3-65	3-65	-	-	-	For fast finish work, especially in plywood.	75	9	HCS		5	A-85628	792529-790A
Finish for decorative veneers														
	B-19	3-50	3-50	-	-	-	Reverse tooth for splinter-free cuts. For tough plastics and decorative veneers	65	12	HCS		5	A-85715	792471-290A
	B-19S	3-25	3-25	-	-	-	Short type of B-19	43	12	HCS		5	B-04933	
Metal/ Basic														
	B-22	-	1-6	1-3	1-3	1-3	For mild steel, tough plastics. Espessialy for thin metal plate	50	24	HSS		2	B-01323	792473-890A
	B-22S	-	1-6	1-3	1-3	1-3	Short type of B-22	32	24	HSS		5	B-04949	
Metal/ Thin cutting														
	B-24	-	1-3	1-2	0.5-2	0.5-2	For very thin metal plate	50	32	HSS		5	A-85759	792475-490A
	B-24S	-	1-3	1-2	0.5-2	0.5-2	Short type of B-24	32	32	HSS		5	B-04955	
	B-30	-	1-6	1-3	1-3	1-3	For mild steel. angle: 2degrees	50	24	HSS		5	B-04961	

For Paper, Cork, Rubber, Leather

Shape	No.	Foam polystyrene	Card board	Rubber	Leather	-	Features / Application	Working Length (mm)	Tooth Per Inch	Material	Type of cutting	Per pkg.	Region B Part No.	Region C Part No.
	B-K	50	30	10	5	-	Ideal for cutting of paper, cork, rubber and leather.	75	-	HCS		5	A-80416	

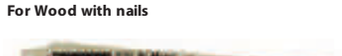
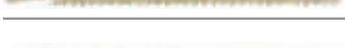
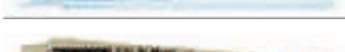
Accessories

Recipro saw blade

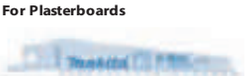
For Model:
DJR185, DJR183, DJR145, DJR143, JR140D, JR180D, BJR141, BJR181, BJR182, BJR240, JR3050T, JR3060T, JR3070CT

Type	Teeth per inch	Overall length (mm)	Application	Tooth Material	Per pkg.	Part No.
Super Express Recipro saw Blade						
	7-18	152	Fast cut for metal (Iron/steel 1.5-8.0mm, Plastic 5-77mm)	Bi-Metal	5	B-05038
	6-11	152	Fast cut for non-ferrous metal, aluminum, plastics, wood with nail, steel (Iron/steel 5-8mm, Plastic 5-77mm, Wood 5-77mm)	Bi-Metal	5	B-05044
	6-10	203	Fast cut for wood	HCS	5	B-05153
For Metal / Basic						
No.21 	24	125	For steel plate 1.5mm-3.0 mm. For iron pipe 50 mm dia. or less.	HSS	5	792146-3
No.22 	18	165	For steel plate, aluminum 3.0mm-5.0mm. For iron pipe 90 mm dia. or less.	HSS	5	792147-1
No.24 	24	165	For steel plate 1.5mm-3.0 mm. For iron pipe 90 mm dia. or less.	HSS	5	792149-7
	14	152	metal plate 3-8mm pipe 10-100mm	Bi-Metal	2	D-51627
	14	152	metal plate 3-8mm pipe 10-100mm	Bi-Metal	5	B-16841
	14	225	metal plate 3-8mm pipe 10-175mm	Bi-Metal	2	D-51655
	14	225	metal plate 3-8mm pipe 10-175mm	Bi-Metal	5	B-16776
	18	152	metal plate 1.5-4mm pipe 5-100mm	Bi-Metal	2	D-51633
	18	152	For thin metal 1.5-4.0mm. For iron pipe 100mm dia or less.	Bi-Metal	5	B-05169
	18	225	metal plate 1.5-4mm pipe 5-175mm	Bi-Metal	2	D-51661
	18	225	metal plate 1.5-4mm pipe 5-175mm	Bi-Metal	5	B-16782
	24	152	metal plate 0.7-3mm pipe 5-100mm	Bi-Metal	2	D-51649
	24	152	metal plate 0.7-3mm pipe 5-100mm	Bi-Metal	5	B-16835
	24	225	metal plate 0.7-3mm pipe 5-175mm	Bi-Metal	2	D-51677
	24	225	metal plate 0.7-3mm pipe 5-175mm	Bi-Metal	5	B-43169
For Metal / Heavy						
	14+18	152	metal plate 3-8mm, pipe <100mm	Bi-Metal	5	B-43131
	14+18	225	metal plate 3-8mm, pipe <175mm	Bi-Metal	5	B-43175
	14+18	305	metal plate 3-8mm, pipe <250mm	Bi-Metal	5	B-43206

Accessories

Type	Teeth per inch	Overall length (mm)	Application	Tooth Material	Per pkg.	Part No.
For Metal / Heavy						
	8+10	152	thick sheet metal 4-12mm, pipe <100mm (fast cut)	Bi-Metal	5	B-43147
	8+10	225	thick sheet metal 4-12mm, pipe <175mm (fast cut)	Bi-Metal	5	B-43181
	8+10	305	thick sheet metal 4-12mm, pipe <250mm (fast cut)	Bi-Metal	5	B-43212
	10-14	152	thick sheet metal 2-10mm, pipe <100mm (fine cut)	Bi-Metal	5	B-43153
	10-14	225	thick sheet metal 2-10mm, pipe <175mm (fine cut)	Bi-Metal	5	B-43197
	10-14	305	thick sheet metal 2-10mm, pipe <250mm (fine cut)	Bi-Metal	5	B-43228
	5-8	152	wood with metal, chipboard 10-100mm	Bi-Metal	5	B-43234
	5-8	225	wood with metal, chipboard 10-175mm	Bi-Metal	5	B-43256
	5-8	305	wood with metal, chipboard 10-235mm	Bi-Metal	5	B-43278
For Wood / Basic						
	6	152	For wood ＜100mm.	HCS	2	D-53089
No.23 	9	165	For wood 5mm-90 mm.	HCS	5	792148-9
No.3020 	10	150	For wood, plywood 5mm-90mm	HCS	5	A-02319
No.3023 	10	250	For thick wood 5mm-190mm	HCS	5	B-00767
For Wood / Fast						
No.23B 	6	150	For fast finish work in wood 10mm-90mm	HCS	5	792707-9
No.3019 	4	150	For fast and rough cutting in thick wood. 20mm-90mm	HCS	5	A-02303
No.3030 	6	300	For roughing work on thick wood. 10mm-250mm	HCS	5	B-03030
For Wood with nails						
	6	152	For wood with nails 10mm-100mm, Glass Fiber 8-50mm	Bi-Metal	5	B-05175
	10	152	For pallets, wood with nails 5-100mm sheet metal, pipes, aluminum profiles 3-12mm	Bi-Metal	5	B-31843
	10	228	For pallets, wood with nails 5-175mm sheet metal, pipes, aluminum profiles 3-12mm	Bi-Metal	5	B-31859
	10-14	152	wood with metal 5-100mm, aluminum 3-10mm, plastic 3-100mm	Bi-Metal	5	B-43240
	10-14	225	wood with metal 5-175mm, aluminum 3-10mm, plastic 3-175mm	Bi-Metal	5	B-43262
	10-14	305	metal tubing 5-200mm, Aluminum & plastic 5-20mm	Bi-Metal	5	B-16857
For Wood and Metal						
	5-8	305	Wood with nails/metal, chipboards (10-250mm), aerated concrete (10-250mm), plastics/Glass fibre reinforced plastics, profiles (5-60mm)	Bi-Metal	3	B-10637

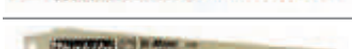
Accessories

Type	Teeth per inch	Overall length (mm)	Application	Tooth Material	Per pkg.	Part No.
For Special Purpose						
	-	152	For stainless steel plate 2mm-4mm, stainless steel pipe 50mm dia or less, fiber glass	TC/HM	2	B-07250
	-	228	Cast-steel pipe 150mm dia or less, for red brick 10-175mm, FRP/Epoxy 3-175mm	Diamond Grit	2	B-31871
For Ice/Frozen Material						
	3	305	For Ice 10-250 mm	Stainless Steel	1	B-10609
	6	228	For Ice 10-175 mm	Stainless Steel	1	B-30564
	6	305	For Ice 10-250 mm	Stainless Steel	1	B-23248
	10	228	For Ice 10-175 mm	Stainless Steel	1	B-30570
	10	305	For Ice 10-250 mm	Stainless Steel	1	B-23254
For Model: JR100D, JR102D						
	24	100	For thin metal 0.7-3.0mm.	Bi-Metal	5	B-20395
	18	100	For thin metal 1.5-4.0mm.	Bi-Metal	5	B-20404
	14	100	For thick metal 3.0-8.0mm	Bi-Metal	5	B-20410
For Wood & Metal						
	10	100	For sheet metal 3.0-12.0mm, wood 10.0-50.0mm	Bi-Metal	5	B-20426
	14-18	100	For thick metal 3.0-8.0mm, wood 10.0-50.0mm	Bi-Metal	5	B-20454
For Wood with nails						
	6	100	For wood with nails 10.0mm-50.0mm,	Bi-Metal	5	B-20432
For Plasterboards						
	6	100	For plasterboard 5.0-50.0mm	Bi-Metal	5	B-20448

Recipro saw blade plastic case assortment





Type	No.	Teeth per inch	Overall length (mm)	Application	Tooth Material	Per pkg.	Part No.
Recipro saw blade set A 3 items (total 6pcs / set)							
	B-05153	6-10	203	Fast cut for wood	HCS	2	B-44432
	B-16798	6	152	For Softwood, chipboard, wood core plywood	HCS	2	
	B-05175	6	152	For wood with nails 10mm-100mm	Bi-Metal	2	

Accessories

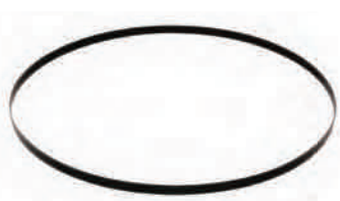
Recipro saw blade set B 3 items (total 6pcs / set)

Type	No.	Teeth per inch	Overall length (mm)	Application	Tooth Material	Per pk.g.	Part No.
	B-05044	6-11	152	Fast cut for non-ferrous metal, aluminum, plastics, wood with nail, steel (Iron/steel 5-8mm, Plastic 5-77mm, Wood 5-77mm)	Bi-Metal	2	B-44448
	B-16776	14	228	metal plate 3-8mm pipe 10-175mm	Bi-Metal	2	
	B-16782	18	228	metal plate 1.5-4mm pipe 5-175mm	Bi-Metal	2	

Recipro saw blade set C 3 items (total 6pcs / set)

	D-51627	14	152	metal plate 3-8mm pipe 10-100mm	Bi-Metal	2	D-53051
	D-51633	18	152	metal plate 1.5-4mm pipe 5-100mm	Bi-Metal	2	
	D-53089	6	152	For wood ＜100mm.	HCS	2	

Band saw blade







Model No.	Width (mm)	No. of teeth per inch	Application	Part No.
LB1200F	16	4	Wood/ for cross-cut	B-16667
	13	4	Wood/ for universal	B-16673
	6	6	Wood/ for curve-cut	B-16689
	16	14	Nonferrous metal	B-16695

*Wave teeth

Width : 13 mm, Thickness : 0.5 mm, Length : 1,140 mm

Model No.	Type	Thickness of work piece	No. of teeth per inch	Application	Part No.
BPB180, 2106, 2107F, 2107FW	Carbon steel (3pcs. /set)		6	Wood	792567-9
		More than 5 mm	14	Plastics and non-ferrous metal.Mild steel, cast steel and cast iron.	792560-3
		4 mm- 5 mm	18		792559-8
		Less than 4 mm	24		792558-0
	Bi-Metal (1pc.)	More than 5 mm	14	Plastics and non-ferrous metal. Mild steel, cast steel and cast iron. Hard steel and stainless steel.	792557-2 *194691-8
		4 mm- 5 mm	18		792556-4
		Less than 4 mm	24		*194692-6

Width : 13 mm, Thickness : 0.5 mm, Length : 835 mm

BPB181	Bi-Metal (5pc.)	3mm-6 mm	14	Plastics and non-ferrous metal. Mild steel, cast steel and cast iron. Hard steel and stainless steel.	*B-40543
		2 mm- 3 mm	18		*B-40559
		less than 2mm	24		*B-40565

ACCESSORIES

Brushing



Accessories

Brushes for drill



Brush Type



0.3mm diameter crimped steel wire

Ideal for light rust and paint removal for metal.



Nylon Coarse (#80)

Ideal for light rust and paint removal for metal, wood and PVC.



Nylon fine (#240)

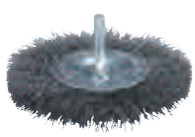
Ideal for surface finishing for metal, wood and PVC.

Shape Type



Cup type

Effective for flat or rugged surface



Wheel type

Effective for working at spot



End type

Effective for tight or narrow place



Flap type

Effective for treatment for wood

Material chart

AA : Recommended A : Acceptable

Brush type	 0.3mm diameter crimped steel wire	 Nylon Coarse (#80)	 Nylon fine (#240)
Wood		AA	AA
PVC		AA	AA
Metal	AA	AA	AA
Finishing (Metal surface)			 brushed by Nylon fine (#240) after brushing by Nylon Coarse (#80)

Accessories

Nylon brush for Drill

These items are available on request. Contact us for the minimum order quantity.

Nylon cup brush



Size	Grit	Shank dia.	Region A
			Part No.
50mm(2")	coarse(#80)	6mm (1/4")	D-45509
63mm(2-1/2")	coarse(#80)	6mm (1/4")	D-45515
75mm(3")	coarse(#80)	6mm (1/4")	D-45521
50mm(2")	Fine(#240)	6mm (1/4")	D-45537
63mm(2-1/2")	Fine(#240)	6mm (1/4")	D-45543
75mm(3")	Fine(#240)	6mm (1/4")	D-45559

Nylon wheel brush



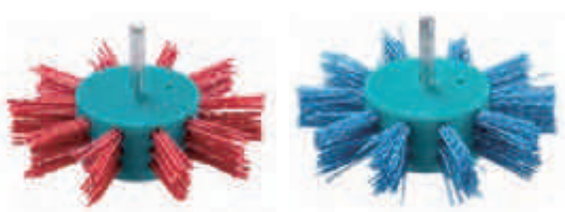
Size	Grit	Shank dia.	Region A
			Part No.
38mm (1-1/2")	coarse(#80)	6mm (1/4")	D-45565
50mm (2")	coarse(#80)	6mm (1/4")	D-45571
63mm (2-1/2")	coarse(#80)	6mm (1/4")	D-45587
75mm (3")	coarse(#80)	6mm (1/4")	D-45593
100mm (4")	coarse(#80)	6mm (1/4")	D-45602
38mm (1-1/2")	Fine(#240)	6mm (1/4")	D-45618
50mm (2")	Fine(#240)	6mm (1/4")	D-45624
63mm (2-1/2")	Fine(#240)	6mm (1/4")	D-45630
75mm (3")	Fine(#240)	6mm (1/4")	D-45646
100mm (4")	Fine(#240)	6mm (1/4")	D-45652

Nylon end brush



Size	Grit	Shank dia.	Region A
			Part No.
12mm (1/2")	coarse(#80)	6mm (1/4")	D-45668
19mm (3/4")	coarse(#80)	6mm (1/4")	D-45674
25mm (1")	coarse(#80)	6mm (1/4")	D-45680
30mm (1-1/4")	coarse(#80)	6mm (1/4")	D-45696
12mm (1/2")	Fine(#240)	6mm (1/4")	D-45705
19mm (3/4")	Fine(#240)	6mm (1/4")	D-45711
25mm (1")	Fine(#240)	6mm (1/4")	D-45727
30mm (1-1/4")	Fine(#240)	6mm (1/4")	D-45733

Nylon flap brush



Size	Grit	Shank dia.	Region A
			Part No.
100mm(4")	coarse(#80)	6mm (1/4")	D-45749
100mm(4")	Fine(#240)	6mm (1/4")	D-45755



Accessories

Wire brush for Drill

These items are available on request. Contact us for the minimum order quantity.

Wire cup brush, Crimped wire



Size	Shank dia.	Region A
		Part No.
38mm (1-1/2")	6mm (1/4")	D-39908
50mm (2")	6mm (1/4")	D-39914
63mm (2-1/2")	6mm (1/4")	D-39920
75mm (3")	6mm (1/4")	D-39936
80mm (3-1/8")	6mm (1/4")	D-39942

Wire wheel brush, Crimped wire



Size	Shank dia.	Region A
		Part No.
38mm (1-1/2")	6mm (1/4")	D-39958
50mm (2")	6mm (1/4")	D-39964
63mm (2-1/2")	6mm (1/4")	D-39970
75mm (3")	6mm (1/4")	D-39986
100mm (4")	6mm (1/4")	D-39992

Wire end brush, Crimped wire



Size	Shank dia.	Region A
		Part No.
12mm (1/2")	6mm (1/4")	D-40004
19mm (3/4")	6mm (1/4")	D-40010
25mm (1")	6mm (1/4")	D-40026
30mm (1-1/4")	6mm (1/4")	D-40032

Wire brush

For Model:

A: 100mm Disc / Angle Grinder

B: 125, 150mm Angle Grinder

C: 180, 230mm Angle Grinder

D: 230mm Angle Grinder

*These items are available on request.

Contact us for the minimum order quantity.

Wire Cup brush, Crimped wire

0.3mm crimped steel wire

(Ideal for light rust removal

from flat surfaces and edges.)



**These item will be discountinued when current stock ends.

For Model	Size	Spindle thread	Part No.
A	60mm	M10 x 1.5	*D-24066
B	60mm	M14 x 2	*D-24072
A	2-1/2"	5/8"-11	*D-26515
A	75mm	M10 x 1.5	*D-24088
B	75mm	M14 x 2	*D-24094
A	3"	5/8"-11	*D-26521
B	90mm	M16 x 2	**794324-1
C	100mm	M14 x 2	*D-29284
C	4"	5/8"-11	*D-31697
C	110mm	M16 x 2	**794325-9

Wire Cup brush, Crimped wire, brass-coated

0.3mm Brass coated steel wire

(Ideal for light rust removal.

Prevented from wire corrosion.)



For Model	Size	Spindle thread	Part No.
B	60mm	M14 x 2	*D-39746
B	2-1/2"	5/8"- 11	*D-39752
B	75mm	M14 x 2	*D-39768
B	3"	5/8"- 11	*D-39774
C	90mm	M14 x 2	*D-39780
C	3-1/2"	5/8"- 11	*D-39796
C	100mm	M14 x 2	*D-39805
C	4"	5/8"- 11	*D-39811

Accessories

Wire Cup brush, Knotted wire

0.5mm knotted steel wire1

(Ideal for heavy work

for fast cleaning of large surface.)



For Model	Size	Spindle thread	Part No.
A	60mm	M10 x 1.5	*D-24103
B	60mm	M14 x 2	*D-24119
A	2-1/2"	5/8"-11	*D-26537
A	75mm	M10 x 1.5	*D-24125
B	75mm	M14 x 2	*D-24131
A	3"	5/8"-11	*D-26543
C	4"	5/8"-11	*D-31706

Wire wheel brush, Knotted wire

0.5mm knotted steel wire

(Effective for heavy duty cleaning at spot.)



For Model	Size	Spindle thread	Part No.
B, C	100mm	M14 x 2	*D-29555
B, C	115mm	M14 x 2	*D-29561
B, C	125mm	M14 x 2	*D-29577
C	150mm	M14 x 2	*D-45761
C	6"	5/8"-11	*D-45783
D	175mm	M14 x 2	*D-45777
D	7"	5/8"-11	*D-45799

Wire Cup brush, Knotted wire 2

0.5mm knotted steel wire2

(Ideal for especially heavy work.

Knotted steel wire2 is twisted

more stronger than 1.)



For Model	Size	Spindle thread	Part No.
A	60mm	M10 x 1.5	*D-24147
B	60mm	M14 x 2	*D-24153
A	2-1/2"	5/8"-11	*D-26559
C	100mm	M14 x 2	*D-29290
C	4"	5/8"-11	*D-31712



Wire bevel brush, Crimped wire

0.3mm crimped steel wire

(Best for cleaning sides)



For Model	Size	Spindle thread	Part No.
B, C	100mm	M14 x 2	*D-39827
B, C	4"	5/8"-11	*D-39833
B, C	115mm	M14 x 2	*D-39849
B, C	4-1/2"	5/8"-11	*D-39855

Wire bevel brush, Knotted wire

0.5mm knotted steel wire

(Effective for edges and corners.)



For Model	Size	Spindle thread	Part No.
B, C	100mm	M14 x 2	*D-39861
B, C	4"	5/8"-11	*D-39877
B, C	115mm	M14 x 2	*D-39883
B, C	4-1/2"	5/8"-11	*D-39899

Accessories

Slit paper wheel 120-40

(For rust and paint removal)

For Model:

9741



Part No.
794380-1



Cotton buff wheel 120

(For polishing)

For Model:

9741



Part No.
794381-9



Wire brush wheel 120

(For rust removal)

For Model:

9741

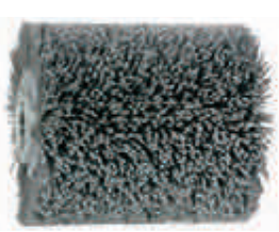


Part No.
794382-7

Nylon brush wheel

For Model:

9741



Application	Part No.
120-80 Coarse	794384-3
120-100 Medium	794379-6
120-240 Fine	794383-5

ACCESSORIES

Bonded Abrasive



Long life

Flexible

Always use back up pad

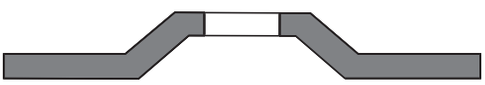
Accessories

Types of Wheels





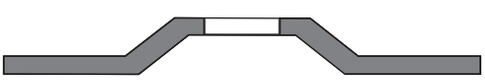
Depressed Center Wheel



Diameter 100mm~230mm
Thickness: 6.0mm



Flexible grinding wheel



Diameter 100mm~230mm
Thickness: 3.0mm



*ALWAYS USE BACK-UP PAD



Diameter 305mm~405mm
Thickness: 2.4mm~3.0mm



Thin cut-off wheel (Flat)



Diameter 100mm~230mm
Thickness: 0.8mm~2.0mm



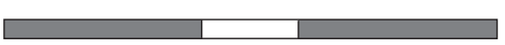
Thin cut-off wheel (Depressed)



Diameter 100mm~230mm
Thickness: 1.2mm~2.0mm



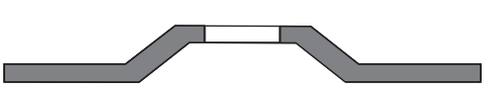
Cut-off wheel (Flat)



Diameter 100mm~230mm
Thickness: 2.5mm~3.0mm



Cut-off wheel (Depressed)



Diameter 100mm~230mm
Thickness: 3.0mm



Accessories

Abrasive Disc



How to read the spec.



Aluminum Oxide Group

Brown Fused Aluminum : A

Black Silicon Carbide : C

White Aluminum Oxide : WA

Alumina Zirconium : Z



Grit Size

24 36 60 80 120

Coarse → Fine



Hardness of grinding wheel

Closer to A, softer grinding wheel is
Closer to Z, harder grinding wheel is

Soft grinding wheel ► Hard work piece
Hard grinding wheel ► Soft work piece

Very Soft	Soft	Middle	Hard	Very Hard
A - G	H - K	L-O	P - S	T - Z



Type of Bond

Resin Bonded = Resinoid(BF)

Main component is phenol resin
Mechanically strong, but weak against moisture and high heat

Accessories

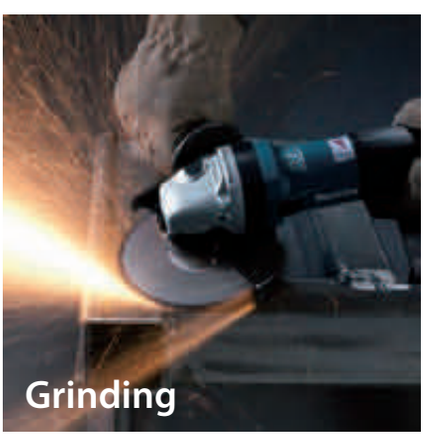
2in1 grinding wheel



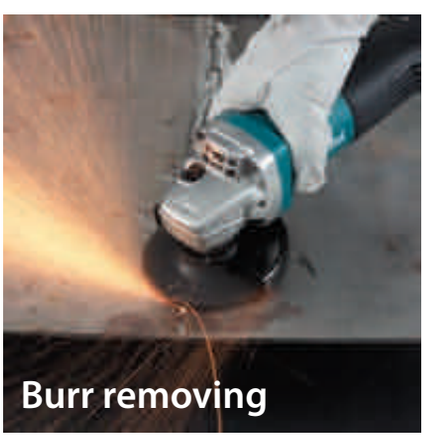


Features

1. Grinding and cutting with one wheel.
2. Time and cost saving thanks to its efficient workability.
3. Recommendable from DIY to professional.
4. Made in accordance with oSa guideline. Covers EN12413.







Application and angle

Grinding



Clean grinding

Cutting



Easy, fine and exact cutting

Accessories

Flexible grinding wheel

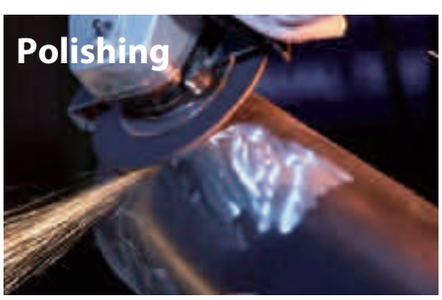


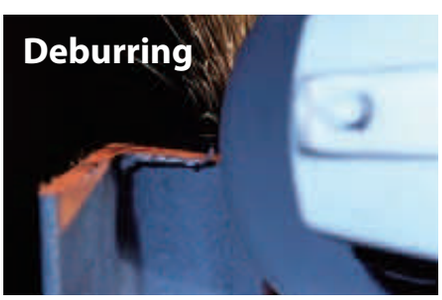


Features

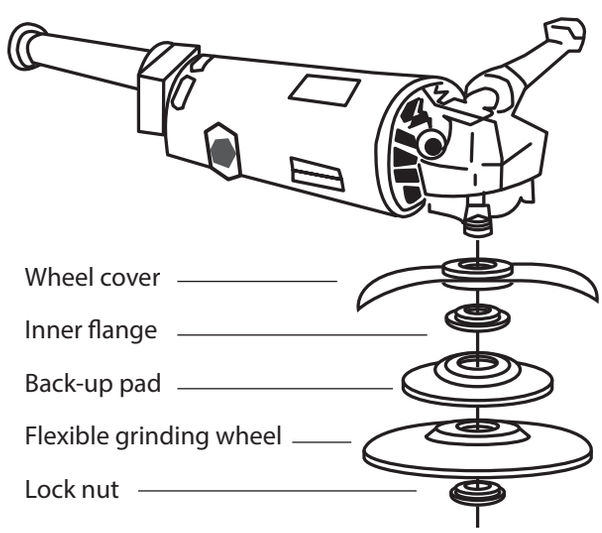
1. Less noise
2. Low vibration
3. As flexivle grinding wheel cause almost no tapping, it provides excellent workability
4. Wide range of Applications





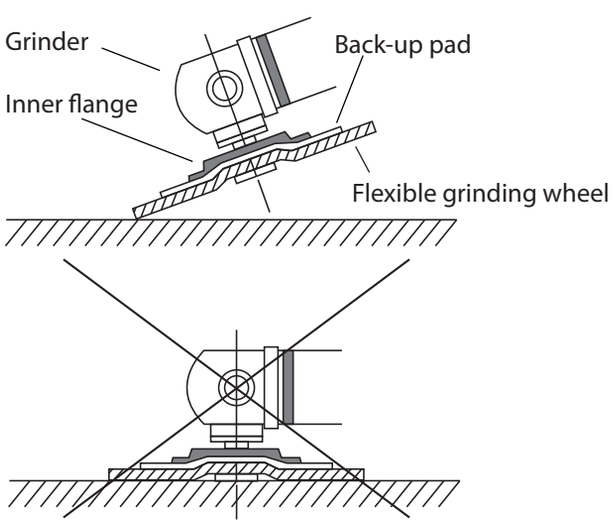


Direction for attachment and use



Operating angle

The operating angle should be kept at 15 - 30°



Accessories

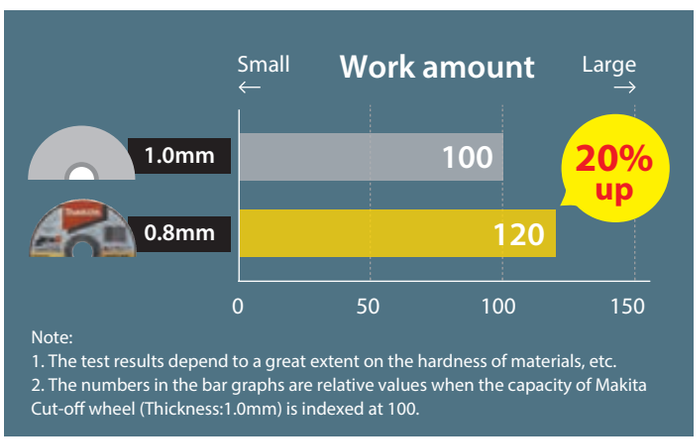
0.8mm Thin cut-off wheel



Feature

1, Ideal for cordless tools
(A work load per 1 charge improves.)



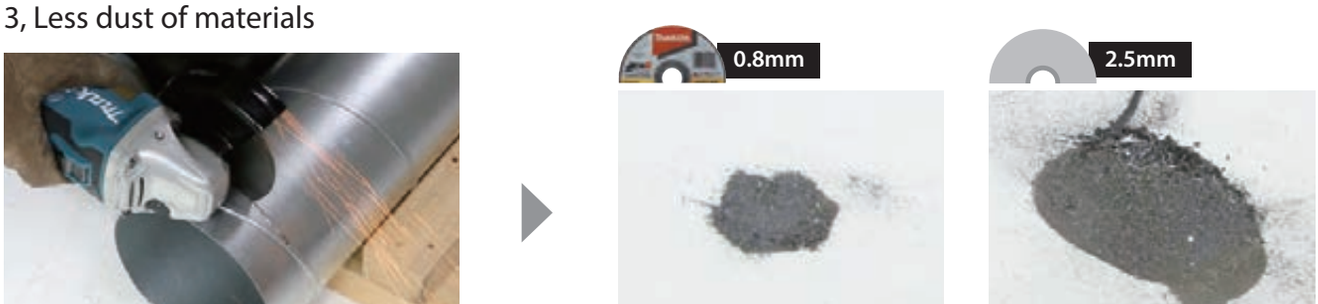


Note:
1. The test results depend to a great extent on the hardness of materials, etc.
2. The numbers in the bar graphs are relative values when the capacity of Makita Cut-off wheel (Thickness:1.0mm) is indexed at 100.

2, Less burr of materials



3, Less dust of materials



Accessories

2in1 grinding wheel

Appropriate wheel cover is required,



*These items are available on request.

Contact us for the minimum order quantity.

Size (mm)	Per pkg.	Grit	Region A
			Part No.
100x3.2x16	1	A36T	B-21222
115x3.2x22.23	1	A36T	B-21238
125x3.2x22.23	1	A36T	B-21244
180x4.0x22.23	1	A36T	B-21250

Flexible grinding wheel

(Most versatile wheel for light metal grinding and sanding)

Always use back-up pad



*These items are available on request.

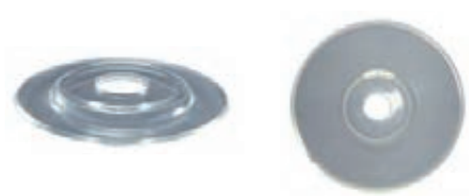
Contact us for the minimum order quantity.

Size (mm)	Per pkg.	Grit	Region A
			Part No.
100 x 2.5 x 16	5	60	794229-5
100 x 2 x 16	1	AC46	*B-18203(EN)
100 x 2 x 16	1	AC60	*A-85139(EN)
100 x 2 x 16	1	AC80	*B-18219(EN)
100 x 2 x 16	1	AC120	*B-18225(EN)
100 x 3 x 16	1	AC36	*B-18231(EN)
100 x 3 x 16	1	AC46	*B-18247(EN)
100 x 3 x 16	1	AC60	*B-18253(EN)
100 x 3 x 16	1	AC80	*B-18269(EN)
115 x 3 x 22.23	1	AC36	*B-18275(EN)
115 x 3 x 22.23	1	AC46	*B-18281(EN)
115 x 3 x 22.23	1	AC60	*B-18297(EN)
115 x 3 x 22.23	1	AC80	*B-18306(EN)
125 x 3 x 22.23	1	AC36	*B-18312(EN)
125 x 3 x 22.23	1	AC46	*B-18328(EN)
125 x 3 x 22.23	1	AC60	*B-18334(EN)
125 x 3 x 22.23	1	AC80	*B-18340(EN)
180 x 3 x 22.23	1	AC36	*B-18356
180 x 3 x 22.23	1	AC46	*B-18362
180 x 3 x 22.23	1	AC60	*A-88490
180 x 3 x 22.23	1	AC80	*B-18378
230 x 3 x 22.23	1	AC36	*B-18384
230 x 3 x 22.23	1	AC46	*B-18390
230 x 3 x 22.23	1	AC60	*B-18409
230 x 3 x 22.23	1	AC80	*B-18415

Material: Stainless and Steel

Size (mm)	Per pkg.	Grit	Region A
			Part No.
100 x 2 x 16	1	WA46	*B-18421(EN)
100 x 2 x 16	1	WA60	*B-18437(EN)
100 x 2 x 16	1	WA80	*B-18443(EN)
100 x 2 x 16	1	WA120	*B-18459(EN)
100 x 3 x 16	1	WA36	*B-18465(EN)
100 x 3 x 16	1	WA46	*B-18471(EN)
100 x 3 x 16	1	WA60	*B-18487(EN)
100 x 3 x 16	1	WA80	*B-18493(EN)
115 x 3 x 22.23	1	WA36	*B-18502(EN)
115 x 3 x 22.23	1	WA46	*B-18518(EN)
115 x 3 x 22.23	1	WA60	*B-18524(EN)
115 x 3 x 22.23	1	WA80	*B-18530(EN)
125 x 3 x 22.23	1	WA36	*B-18546(EN)
125 x 3 x 22.23	1	WA46	*B-18552(EN)
125 x 3 x 22.23	1	WA60	*B-18568(EN)
125 x 3 x 22.23	1	WA80	*B-18574(EN)
180 x 3 x 22.23	1	WA36	*B-18580
180 x 3 x 22.23	1	WA46	*B-18596
180 x 3 x 22.23	1	WA60	*B-18605
180 x 3 x 22.23	1	WA80	*B-18611
230 x 3 x 22.23	1	WA36	*B-18627
230 x 3 x 22.23	1	WA46	*B-18633
230 x 3 x 22.23	1	WA60	*B-18649
230 x 3 x 22.23	1	WA80	*B-18655

Back up pad



Size (mm)	Per pkg.	Region A
		Part No.
for 100mm	1	*B-20476
for 115/125mm	1	*B-20482
for 180mm	1	*B-20498
for 230mm	1	*B-20507

Flexible grinding wheel

(Most versatile wheel for light metal grinding and sanding)

Needless to use Back up pad



Size (mm)	Per pkg.	Grit	Region A
			Part No.
100 x 3.8x 16	1	36	B-29147
100 x 3.8x 16	1	60	B-29153

Accessories

Depressed center wheel

*These items are available on request.

Contact us for the minimum order quantity.



Material: Steel

Size (mm)	Per pkg.	Grit	Region A	Region C
			Part No.	Part No.
100 x 4 x 16	1	A36P	*A-80905(EN)	-
100 x 6 x 16	1	A36P	*A-80911(EN)	-
100 x 6 x 16	1	A24R	*D-18443(EN)	*D-20775
100 x 6 x 16	1	A24P	-	*741402-C
115 x 6 x 22.23	1	A24R	741451-5	-
115 x 6 x 22.23	1	A36P	741458-1	-
115 x 6 x 22.23	1	A36P	*A-80927(EN)	-
115 x 6 x 22.23	1	A24R	*D-18459(EN)	*D-20781
115 x 6 x 22.23	1	A24R	-	*741423-B
115 x 6 x 22.23	1	A24R	-	*A-90364
125 x 6 x 22.23	1	A36P	*A-80933(EN)	-
125 x 6 x 22.23	1	A24R	*D-18465(EN)	*D-20797
125 x 6 x 22.23	1	A24R	-	*741407-B
150 x 6 x 22.23	1	A36P	*A-84981(EN)	
150 x 6 x 22.23	1	A24R	*D-26163(EN)	*D-29309
150 x 6 x 22.23	1	A24R	-	*741448-A
180 x 6 x 22.23	1	A24P	741425-6	-
180 x 6 x 22.23	1	A36P	741426-4	-
180 x 6 x 22.23	1	A24R	*A-88886(EN)	-
180 x 6 x 22.23	1	A36P	*A-80949(EN)	-
180 x 6 x 22.23	1	A24R	*D-18471(EN)	*D-20806
180 x 6 x 22.23	1	A24R	-	*741413-B
230 x 6 x 22.23	1	A36P	*A-80955(EN)	-
230 x 6 x 22.23	1	A24R	*D-18487(EN)	*D-20812
230 x 6 x 22.23	1	A24P	-	741421-4
230 x 6 x 22.23	1	A36P	-	741422-2
230 x 6 x 22.23	1	A24R	-	*741421-B

Hubbed Material: Steel

4-1/2"x1/4"x5/8"-11	1	A24R	-	*741416-B
5-1/2"x1/4"x5/8"-11	1	A24R	-	*741417-B
7-1/2"x1/4"x5/8"-11	1	A24R	-	*741414-B
9-1/2"x1/4"x5/8"-11	1	A24R	-	*741415-B

Material: Stainless&Steel

100 x 6 x 16	1	WA36N	*A-80852(EN)	-
115 x 6 x 22.23	1	WA36N	*A-80640(EN)	-
125 x 6 x 22.23	1	WA36N	*A-80874(EN)	-
150 x 6 x 22.23	1	WA36N	*A-80846(EN)	-
180 x 6 x 22.23	1	WA36O	*A-80880(EN)	-
230 x 6 x 22.23	1	WA36O	*A-80896(EN)	-

For Heavy Duty

Material: Stainless&Steel



Size (mm)	Per pkg.	Grit	Region A	Region C
			Part No.	Part No.
100 x 6 x 16	1	A24R	*B-21107(EN)	-
115 x 6 x 22.23	1	A24R	*B-21113(EN)	-
125 x 6 x 22.23	1	A24R	*B-21129(EN)	-
180 x 6 x 22.23	1	A24R	*B-21135(EN)	-
230 x 6 x 22.23	1	A24R	*B-21141(EN)	-



Material: Brick

Size (mm)	Per pkg.	Grit	Region A	Region C
			Part No.	Part No.
100 x 6 x 16	1	C24R	*D-18493(EN)	*D-20828
100 x 6 x 16	1	C24R	-	*741425-B
115 x 6 x 22.23	1	C24R	*D-18502(EN)	*D-20834
115 x 6 x 22.23	1	C24R	-	*741426-B
125 x 6 x 22.23	1	C24R	*D-18518(EN)	*D-20840
125 x 6 x 22.23	1	C24R	-	*741427-B
150 x 6 x 22.23	1	C24R	*D-18524(EN)	*D-20856
180 x 6 x 22.23	1	C24R	*D-18530(EN)	*D-20862
180x6x22-11 (5/8"thread)	1	C24R	-	*741428-B
230 x 6 x 22.23	1	C24R	*D-18546(EN)	*D-20878
230x6x22-11 (5/8"thread)	1	C24R	-	*741429-B



Material: Aluminum

Size (mm)	Per pkg.	Grit	Region A	Region C
			Part No.	Part No.
100 x 6 x 16	1	A36P	*B-17706(EN)	-
115 x 6 x 22.23	1	A36P	*B-14560(EN)	-
125 x 6 x 22.23	1	A36P	*B-17653(EN)	-
150 x 6 x 22.23	1	A36P	*B-17669(EN)	-
180 x 6 x 22.23	1	A36P	*B-14576(EN)	-
230 x 6 x 22.23	1	A36P	*B-14582(EN)	-

Accessories

Abrasive cut-off wheel for portable cut-off

For all ferrous materials (Steel,cast iron) and other hard metals.



*These items are available on request.

Contact us for the minimum order quantity.

Size (mm)	Grit	G.F.Q'ty	Per pkg.	Region A	Region C
				Part No.	Part No.
305x2.8x25.4	A36P	1.0G	5	A-01345	
305x2.8x25.4	A36P	1.0G	25	A-05038	
305x3x25.4	A36P	1.0G	25	*A-87650-25	
355x2.4x25.4	A30Q	1.0G	5	*B-20769-5	*B-23204-5
355x2.4x25.4	A30Q	1.0G	25	*B-20769-25	*B-23204-25
355x3x25.4	A36P	1.0G	5	A-01351	
355x3x25.4	A36P	1.0G	25	A-05044	
355x3x25.4	A36P	1.0G	5	*A-89545-5	
355x3x25.4	A36P	1.0G	25	*A-89545-25	
355x3x25.4	A36P	1.0G	5	*A-89953-5	
355x3x25.4	A36P	1.0G	5	*B-10730-5	
355x3x25.4	A36P	1.0G	25	*B-10730-25	
355x3x25.4	A30Q	1.0G	5	*B-20775-5	*B-23210-5
355x3x25.4	A30Q	1.0G	25	*B-20775-25	*B-23210-25
355x3x25.4	A36P	1.0G	5	*B-10665-5(EN)	
355x3x25.4	A36P	1.0G	25	*B-10665-25(EN)	
355x3x25.4	A36P	1.0G	5	-	*A-93859-5
355x3x25.4	A36P	1.0G	25	-	*A-93859-25
355x3x25.4	A36P	1.0G	5	-	*B-10849-5
355x3x25.4	A36P	1.0G	25	-	*B-10849-25
405x3x25.4	A36P	1.0G	5	A-01367	
405x3x25.4	A36P	1.0G	25	A-05050	
405x3x25.4	A36P	1.0G	25	*A-87694-25	

Double Reinforced Abrasive cut-off wheel for portable cut-off

Size (mm)	Grit	G.F.Q'ty	Per pkg.	Region A	Region C
				Part No.	Part No.
355x3x25.4	A30P	2.0G	5	*B-16891-5(EN)	*B-19875-5
355x3x25.4	A30P	2.0G	25	*B-16891-25(EN)	*B-19875-25
355x3x25.4	A30R	2.0G	5	*B-20753-5(EN)	*B-23232-5
355x3x25.4	A30R	2.0G	25	*B-20753-25(EN)	*B-23232-25

Abrasive cut-off wheel for angle cutter #4112H,4112HS

For cutting masonry materials, concrete, marble, slate, etc.

A: Reinforced with 3 sheets of fiberglass

B: Reinforced with 2 sheets of fiberglass



Application	Size(mm)	Per pkg.	Type	Part No.
Brick	305x3.5x25.4	25	B	A-89735

Cut-off wheel

*These items are available on request.

Contact us for the minimum order quantity.



A: Flat

B: Depressed center wheel

Material: Steel

Size (mm)	Per pkg.	Grit	Type	Region A	Region C
				Part No.	Part No.
100 x 2.0 x 16	1	A46	A	*A-85123	-
100 x 2.5 x 16	1	A30R	A	*A-85298(EN)	-
100 x 2.5 x 16	1	A30S	A	*D-18655(EN)	*D-20884
115 x 2.5 x 22.23	1	A30R	A	*A-85307(EN)	-
115 x 2.5 x 22.23	1	A30S	A	*D-18661(EN)	*D-20890
125 x 2.5 x 22.23	1	A30R	A	*A-85313(EN)	-
125 x 2.5 x 22.23	1	A30S	A	*D-18677(EN)	*D-20909
150 x 2.5 x 22.23	1	A30S	A	*D-29402(EN)	*D-29371
180 x 2.5 x 22.23	1	A30R	A	*A-85329(EN)	-
180 x 2.5 x 22.23	1	A30S	A	*D-18683(EN)	*D-20915
230 x 2.5 x 22.23	1	A30R	A	*A-85335(EN)	-
230 x 2.5 x 22.23	1	A30S	A	*D-18699(EN)	*D-20921
100 x 3 x 16	1	A30T	B	*A-83587(EN)	-
100 x 3 x 16	1	A30S	B	*D-18552(EN)	*D-20987
115 x 3 x 22.23	1	A30T	B	*A-83593(EN)	-
115 x 3 x 22.23	1	A30S	B	*D-18568(EN)	*D-20993
125 x 3 x 22.23	1	A30T	B	*A-83602(EN)	-
125 x 3 x 22.23	1	A30S	B	*D-18574(EN)	*D-21004
150 x 3 x 22.23	1	A30T	B	*B-05050(EN)	-
150 x 3 x 22.23	1	A30S	B	*D-29418(EN)	*D-29387
180 x 3 x 22.23	1	A30T	B	*A-83618(EN)	-
180 x 3 x 22.23	1	A30S	B	*D-18580(EN)	*D-21010
230 x 3 x 22.23	1	A30T	B	*A-83624(EN)	-
230 x 3 x 22.23	1	A30S	B	*D-18596(EN)	*D-21026



Accessories

Cut-off wheel



Material: Brick

Size (mm)	Per pkg.	Grit	Type	Region A	Region C
				Part No.	Part No.
100 x 3 x 16	1	C30T	A	*A-86739(EN)	-
100 x 3 x 16	1	C30S	A	*D-18708(EN)	D-20937
115 x 3 x 22.23	1	C30T	A	*A-85357(EN)	-
115 x 3 x 22.23	1	C30S	A	*D-18714(EN)	D-20943
125 x 3 x 22.23	1	C30T	A	*A-85363(EN)	-
125 x 3 x 22.23	1	C30S	A	*D-18720(EN)	D-20959
180 x 3 x 22.23	1	C30T	A	*A-85379(EN)	-
180 x 3 x 22.23	1	C30S	A	*D-18736(EN)	D-20965
230 x 3 x 22.23	1	C30T	A	*A-85385(EN)	-
230 x 3 x 22.23	1	C30S	A	*D-18742(EN)	D-20971
100 x 3 x 16	1	C30T	B	*A-86745(EN)	-
100 x 3 x 16	1	C30S	B	*D-18605(EN)	D-21032
100 x 3 x 16	1	C30S	B	*D-18605(EN)	D-21032
115 x 3 x 22.23	1	C30T	B	*A-85254(EN)	-
115 x 3 x 22.23	1	C30S	B	*D-18611(EN)	D-21048
125 x 3 x 22.23	1	C30T	B	*A-85260(EN)	-
125 x 3 x 22.23	1	C30S	B	*D-18627(EN)	D-21054
180 x 3 x 22.23	1	C30T	B	*A-85276(EN)	-
180 x 3 x 22.23	1	C30S	B	*D-18633(EN)	D-21060
230 x 3 x 22.23	1	C30T	B	*A-85282(EN)	-
230 x 3 x 22.23	1	C30S	B	*D-18649(EN)	D-21076



Thin Cut-off wheel

*These items are available on request.

Contact us for the minimum order quantity.



A: Flat

B: Depressed center wheel

Material: Stainless&Steel

Size (mm)	Per pkg.	Grit	Type	Region A	Region C
				Part No.	Part No.
100 x 0.8 x 16	1	Z60T	A	*B-45711(EN)	
100 x 1.0 x 16	1	A60T	A	*B-12201(EN)	*B-12625
100 x 1.0 x 16	1	WA60T	A	*D-18758(EN)	*D-21082
115 x 0.8 x 22.23	1	Z60T	A	*B-45727(EN)	
115 x 1.0 x 22.23	1	A60T	A	*B-12217(EN)	*B-12631
115 x 1.2 x 22.23	1	WA60T	A	*D-18764(EN)	*D-20105
115 x 1.6 x 22.23	1	A36S	A	*B-45755(EN)	
125 x 0.8 x 22.23	1	Z60T	A	*B-45733(EN)	
125 x 1.0 x 22.23	1	A60T	A	*B-12239(EN)	*B-12647
125 x 1.2 x 22.23	1	WA60T	A	*D-18770(EN)	*D-21098
150 x 1.6 x 22.23	1	A60T	A	*B-12251(EN)	*B-12653
150 x 2x 22.23	1	WA36R	A	*D-29424(EN)	*D-29393
180 x 1.6 x 22.23	1	A60T	A	*B-12267(EN)	*B-12669
180 x 2 x 22.23	1	WA36R	A	*D-18786(EN)	*D-21107
230 x 1.9 x 22.23	1	A60T	A	*B-12273(EN)	*B-12675
230 x 2 x 22.23	1	WA36R	A	*D-18792(EN)	*D-21113
100 x 1.2 x 16	1	WA60T	B	*D-18801(EN)	*D-21129
115 x 1.2 x 22.23	1	WA60T	B	*D-18817(EN)	*D-21135
125 x 1.6 x 22.23	1	WA46S	B	*D-18823(EN)	*D-21141
180 x 2 x 22.23	1	WA36R	B	*D-18839(EN)	*D-21157
230 x 2 x 22.23	1	WA36R	B	*D-18845(EN)	*D-21163

Material: Steel

115 x 1.6 x 22.23	1	A46U	A	*B-14102(EN)	-
125 x 1.6 x 22.23	1	A46U	A	*B-35134(EN)	-

Thin Cut-off wheel in a can

Material: Stainless&Steel



*These items are available on request.

Contact us for the minimum order quantity.

Size (mm)	Per pkg.	Grit	Type	Region A	Region C
				Part No.	Part No.
115 x 1.2 x 22.23	1	WA60T	A	*D-18764-10(EN)	*D-20105-10
125 x 1.2 x 22.23	1	WA60T	A	*D-18770-10(EN)	*D-21098-10

Accessories

Grinding wheel for Bench grinder



Size (mm)	Grit	Part No.
150 x 16 x 12.7	WA60	A-47210
150 x 16 x 12.7	GC120	A-47204
150 x 6.4 x 12.7	A60	A-47195
205 x 19 x 15.88	WA60	A-47260
205 x 19 x 15.88	GC120	A-47254



Grinding wheel for Straight grinder

For Model:

9105

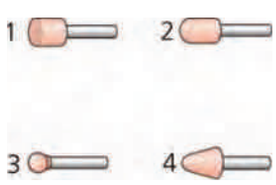
Size (mm)	Grit	Part No.
125 x 19 x 12.7	24P	741015-5
125 x 19 x 12.7	36P	741016-3

Wheel point

Application:

A: Mild steel, carbon steel, etc.

WA: Hardened and special steels.

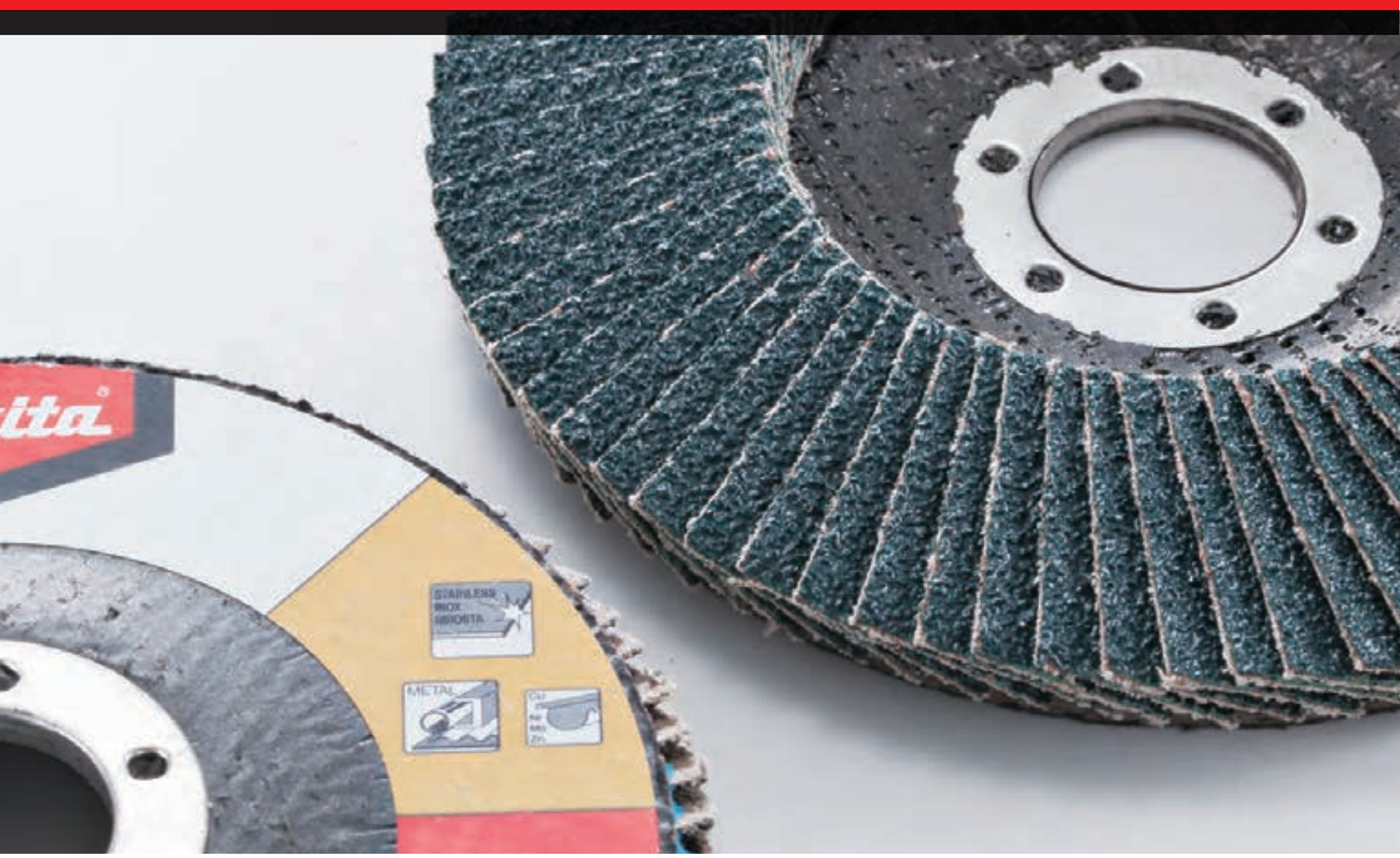


No.	per pkg.	Wheel dia. (mm)	Shank size (mm)	Type	Part No.
For Model:					
903, 906, GD0800C, GD0810C, GD0600, BGD800, BGD801					
1	10	5	3	A	794050-2
1	10	8	3	A	794052-8
1	10	10	3	A	794053-6
2	10	5	3	WA	794054-4
2	10	6	3	WA	794055-2
2	10	10	3	WA	794057-8
3	10	10	3	A	794059-4
For Model:					
906, GD0800C, GD0810C, GD0600, BGD800, BGD801					
1	1	19	6	WA	741614-3
1	1	19	1/4"	WA	741617-7
4	1	19	6	WA	741615-1
4	1	19	1/4"	WA	741616-9



ACCESSORIES

Coated Abrasive



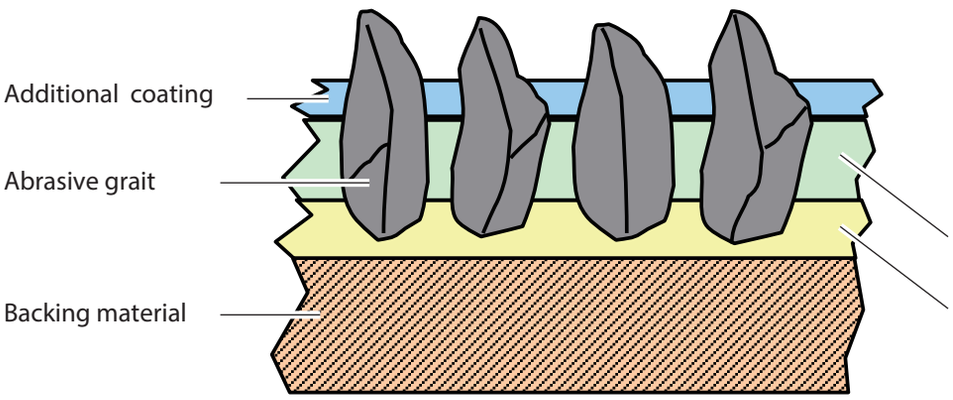
- Hook & Loop backing
- Sanding wood
- Sanding plastic
- Polishing
- 80 Grit size
- Sanding wood, large surfaces
- Removing paint
- Wood, hard and soft
- Sanding wood
- Sanding paint
- Removing paint from metal or polishing
- Stairs
- Sanding wood
- Sanding paint
- Sanding metal
- Ceramic

Accessories

Abrasive paper



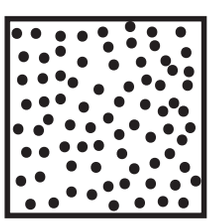
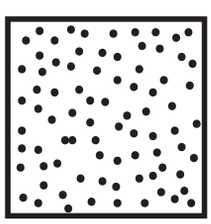
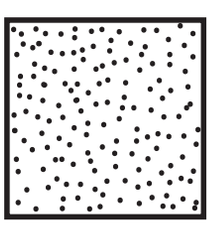
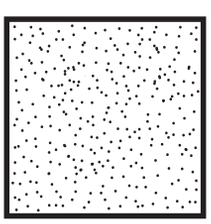
Structure



Abrasive grit

Type of material	Aluminum Oxide	Silicon Carbide	Zirconia Alumina
Picture			
Grain code	A&WA	C	Z
Application	Wood, Metal etc	Stone, Cast iron, Glass etc	Steels, Fiberboards etc

Explanation of grit size

	Coarse	Medium	Fine	Very Fine
Grain size	- 80	80 - 120	120 - 400	400 -
Image				

Accessories

Flap Disc



Backing Type



Fiber glass backing
Standard backing type



Nylon backing
For heavy duty

Shape Type



Flat
Effective for flat surface



Angled
Effective for angles or corners

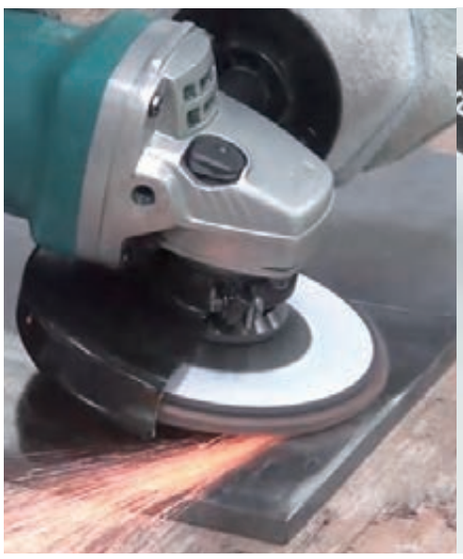
Material chart

AA : Recommended A : Acceptable

Description of Grit material	A Aluminum oxide	Z Zirconia alumina	C Silicon carbide	Ce Ceramic aluminum oxide
Description of label color	Best for metal 	Best for INOX and metal 	Best for Masonry 	Best for INOX, metal and non-ferrous metal 
Wood	A			
Plastic	A			
Metal	AA	AA		AA
No ferrous	A	A		AA
INOX		AA		AA
Masonry			AA	

Accessories

Surface Conditioning Flap Disc





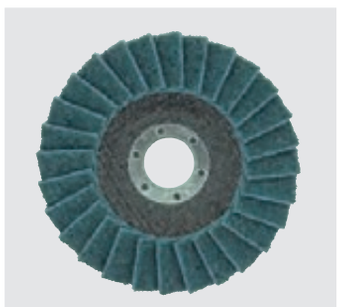
Grit



Coarse



Medium



Fine



Very Fine

Feature

1, Grinding and surface conditioning of metal in one step.
2, Suitable for polishing after grinding by flap disc.
3, Usable for stainless and metal.

Application

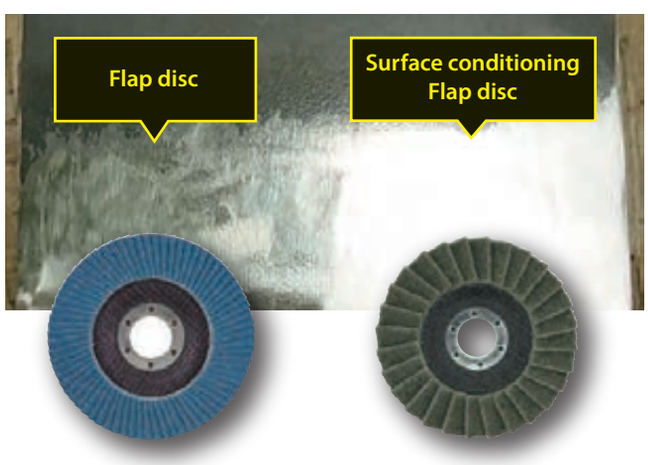


Removing blue weld discoloration



Removing Rust

Polishing after grinding by flap disc



Accessories

Surface Conditioning Flap Disc series



These items are available on request. Contact us for the minimum order quantity.

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Region A	Region C
					Part No.	Part No.
Fiber Glass	Angled	100 (4")	16	Coarse	B-40711	B-41034
			16	Medium	B-40727	B-41040
			16	Fine	B-40733	B-41056
			16	Very Fine	B-40749	B-41062
		115 (4-1/2")	22.23	Coarse	B-40755	B-41078
			22.23	Medium	B-40761	B-41084
			22.23	Fine	B-40777	B-41090
			22.23	Very Fine	B-40783	B-41109
		125 (5")	22.23	Coarse	B-40799	B-41115
			22.23	Medium	B-40808	B-41121
			22.23	Fine	B-40814	B-41137
			22.23	Very Fine	B-40820	B-41143
		180 (7")	22.23	Coarse	B-40836	B-41159
			22.23	Medium	B-40842	B-41165
			22.23	Fine	B-40858	B-41171
			22.23	Very Fine	B-40864	B-41187
		100 (4")	16	Coarse	B-40870	B-41193
			16	Medium	B-40886	B-41202
			16	Fine	B-40892	B-41218
			16	Very Fine	B-40901	B-41224
		115 (4-1/2")	22.23	Coarse	B-40917	B-41230
			22.23	Medium	B-40923	B-41246
			22.23	Fine	B-40939	B-41252
			22.23	Very Fine	B-40945	B-41268
		125 (5")	22.23	Coarse	B-40951	B-41274
			22.23	Medium	B-40967	B-41280
			22.23	Fine	B-40973	B-41296
			22.23	Very Fine	B-40989	B-41305
		180 (7")	22.23	Coarse	B-40995	B-41311
			22.23	Medium	B-41006	B-41327
			22.23	Fine	B-41012	B-41333
			22.23	Very Fine	B-41028	B-41349

Flap Disc Economy type

Material: Zirconia aluminum



Application

Best

Better

These items are available on request. Contact us for the minimum order quantity.

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Region A
					Part No.
Fiber Glass	Angled	115	22.23	Z36	D-53718
			22.23	Z40	D-53724
			22.23	Z60	D-53730
			22.23	Z80	D-53746
			22.23	Z120	D-53752
		125	22.23	Z36	D-53768
			22.23	Z40	D-53774
			22.23	Z60	D-53780
			22.23	Z80	D-53796
			22.23	Z120	D-53805
		180	22.23	Z36	D-53811
			22.23	Z40	D-53827
			22.23	Z60	D-53833
			22.23	Z80	D-53849
			22.23	Z120	D-53855



Accessories

Flap Disc series

Material: Aluminum oxide



Application

Best



Better





These items are available on request. Contact us for the minimum order quantity.

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Region A Part No.
Fiber Glass 	Angled 	100	16	A36	D-26973
			16	A40	D-26989
			16	A60	D-26995
			16	A80	D-27006
			16	A120	D-27012
		115	22.23	A36	D-27028
			22.23	A40	D-27034
			22.23	A60	D-27040
			22.23	A80	D-27056
			22.23	A120	D-27062
		125	22.23	A36	D-27078
			22.23	A40	D-27084
			22.23	A60	D-27090
			22.23	A80	D-27109
			22.23	A120	D-27115
		180	22.23	A36	D-27121
			22.23	A40	D-27137
			22.23	A60	D-27143
			22.23	A80	D-27159
			22.23	A120	D-27165
Fiber Glass 	Flat 	100	16	A36	D-27171
			16	A40	D-27187
			16	A60	D-27193
			16	A80	D-27202
			16	A120	D-27218
		115	22.23	A36	D-27224
			22.23	A40	D-27230
			22.23	A60	D-27246
			22.23	A80	D-27252
			22.23	A120	D-27268
		125	22.23	A36	D-27274
			22.23	A40	D-27280
			22.23	A60	D-27296
			22.23	A80	D-27305
			22.23	A120	D-27311
		180	22.23	A36	D-27327
			22.23	A40	D-27333
			22.23	A60	D-27349
			22.23	A80	D-27355
			22.23	A120	D-27361

Material: Ceramic aluminum oxide



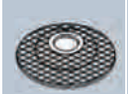
Application

Best





These items are available on request. Contact us for the minimum order quantity.

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Region A Part No.
Fiber Glass 	Angled 	100	16	Ce40	D-28254
			16	Ce60	D-28260
			16	Ce80	D-28276
			16	Ce120	D-28282
		115	22.23	Ce40	D-28298
			22.23	Ce60	D-28307
			22.23	Ce80	D-28313
			22.23	Ce120	D-28329
		125	22.23	Ce40	D-28335
			22.23	Ce60	D-28341
			22.23	Ce80	D-28357
			22.23	Ce120	D-28363
		180	22.23	Ce40	D-28379
			22.23	Ce60	D-28385
			22.23	Ce80	D-28391
			22.23	Ce120	D-28400
Fiber Glass 	Flat 	100	16	Ce40	D-28416
			16	Ce60	D-28422
			16	Ce80	D-28438
			16	Ce120	D-28444
		115	22.23	Ce40	D-28450
			22.23	Ce60	D-28466
			22.23	Ce80	D-28472
			22.23	Ce120	D-28488
		125	22.23	Ce40	D-28494
			22.23	Ce60	D-28503
			22.23	Ce80	D-28519
			22.23	Ce120	D-28525
		180	22.23	Ce40	D-28531
			22.23	Ce60	D-28547
			22.23	Ce80	D-28553
			22.23	Ce120	D-28569

Accessories

Material: Zirconia aluminum



Application

Best 

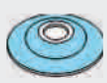
Better 



These items are available on request. Contact us for the minimum order quantity.

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Region A	Region C
					Part No.	Part No.
Fiber Glass 	Angled 	100	16	Z36	D-27377	D-28575
			16	Z40	D-27383	D-28581
			16	Z60	D-27399	D-28597
			16	Z80	D-27408	D-28606
			16	Z120	D-27414	D-28612
		115	22.23	Z36	D-27420	D-28628
			22.23	Z40	D-27436	D-28634
			22.23	Z60	D-27442	D-28640
			22.23	Z80	D-27458	D-28656
			22.23	Z120	D-27464	D-28662
		125	22.23	Z36	D-27470	D-28678
			22.23	Z40	D-27486	D-28684
			22.23	Z60	D-27492	D-28690
			22.23	Z80	D-27501	D-28709
			22.23	Z120	D-27517	D-28715
		180	22.23	Z36	D-27523	D-28721
			22.23	Z40	D-27539	D-28737
			22.23	Z60	D-27545	D-28743
			22.23	Z80	D-27551	D-28759
			22.23	Z120	D-27567	D-28765
Fiber Glass 	Flat 	100	16	Z36	D-27573	D-28771
			16	Z40	D-27589	D-28787
			16	Z60	D-27595	D-28793
			16	Z80	D-27604	D-28802
			16	Z120	D-27610	D-28818
		115	22.23	Z36	D-27626	D-28824
			22.23	Z40	D-27632	D-28830
			22.23	Z60	D-27648	D-28846
			22.23	Z80	D-27654	D-28852
			22.23	Z120	D-27660	D-28868
		125	22.23	Z36	D-27676	D-28874
			22.23	Z40	D-27682	D-28880
			22.23	Z60	D-27698	D-28896
			22.23	Z80	D-27707	D-28905
			22.23	Z120	D-27713	D-28911
		180	22.23	Z36	D-27729	D-28927
			22.23	Z40	D-27735	D-28933
			22.23	Z60	D-27741	D-28949
			22.23	Z80	D-27757	D-28955
			22.23	Z120	D-27763	D-28961

Material: Zirconia aluminum

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Region A
					Part No.
Nylon 	Flat 	100	16	Z36	D-27779
			16	Z40	D-27785
			16	Z60	D-27791
			16	Z80	D-27800
			16	Z120	D-27816
		115	22.23	Z36	D-27822
			22.23	Z40	D-27838
			22.23	Z60	D-27844
			22.23	Z80	D-27850
			22.23	Z120	D-27866
		125	22.23	Z36	D-27872
			22.23	Z40	D-27888
			22.23	Z60	D-27894
			22.23	Z80	D-27903
			22.23	Z120	D-27919
		180	22.23	Z36	D-27925
			22.23	Z40	D-27931
			22.23	Z60	D-27947
			22.23	Z80	D-27953
			22.23	Z120	D-27969

Hubbed

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Region A
					Part No.
Fiber Glass 	Flat 	115 (4-1/2")	5/8"	Z36	D-28977
			5/8"	Z60	D-28983
			5/8"	Z80	D-28999
			5/8"	Z120	D-29000
		180 (7")	5/8"	Z36	D-29016
			5/8"	Z60	D-29022
			5/8"	Z80	D-29038
			5/8"	Z120	D-29044



Accessories

Premium Zirconia Aluminum flap disc

Material: Zirconia aluminum



Application

Best

Better

These items are available on request. Contact us for the minimum order quantity.

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Region A Part No.
Fiber Glass	Angled	115	22.23	Z40	B-22626
			22.23	Z60	B-22632
			22.23	Z80	B-22648
			22.23	Z120	B-22654
		125	22.23	Z40	B-22660
			22.23	Z60	B-22676
			22.23	Z80	B-22682
			22.23	Z120	B-22698
		180	22.23	Z40	B-22707
			22.23	Z60	B-22713
			22.23	Z80	B-22729
			22.23	Z120	B-22735
Fiber Glass	Flat	115	22.23	Z40	B-22741
			22.23	Z60	B-22757
			22.23	Z80	B-22763
			22.23	Z120	B-22779
		125	22.23	Z40	B-22785
			22.23	Z60	B-22791
			22.23	Z80	B-22800
			22.23	Z120	B-22816
		180	22.23	Z40	B-22822
			22.23	Z60	B-22838
			22.23	Z80	B-22844
			22.23	Z120	B-22850

Material: Silicon carbide



Application

Best

These items are available on request. Contact us for the minimum order quantity.

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Region A Part No.
Fiber Glass	Flat	100	16	C36	D-27975
			16	C40	D-27981
			16	C60	D-27997
			16	C80	D-28008
			16	C120	D-28014
		115	22.23	C36	D-28020
			22.23	C40	D-28036
			22.23	C60	D-28042
			22.23	C80	D-28058
			22.23	C120	D-28064
		125	22.23	C36	D-28070
			22.23	C40	D-28086
			22.23	C60	D-28092
			22.23	C80	D-28101
			22.23	C120	D-28117
		180	22.23	C36	D-28123
			22.23	C40	D-28139
			22.23	C60	D-28145
			22.23	C80	D-28151
			22.23	C120	D-28167
Nylon	Flat	115	22.23	C80	D-28173
			22.23	C120	D-28189
			22.23	C180	D-28195
			22.23	C320	D-28204
		180	22.23	C80	D-28210
			22.23	C120	D-28226
			22.23	C180	D-28232
			22.23	C320	D-28248

Multi-disc

For grinding, sanding and

polishing concrete, marble and stone.

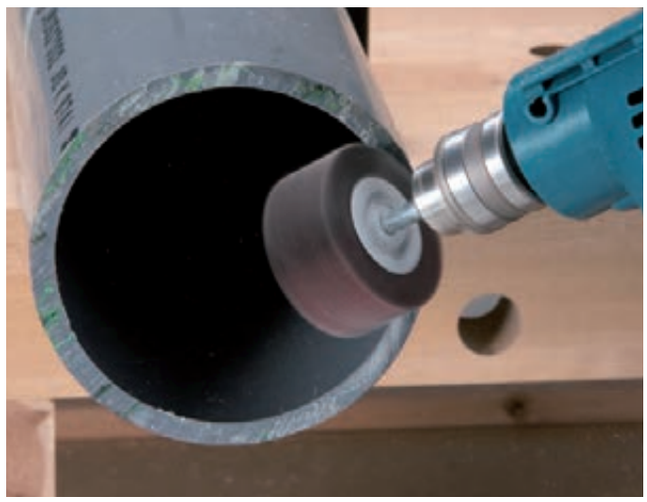


Dia (mm)	Hole dia(mm)	Grit	Part No.
100	16	C24	A-90130
115	22.23	C24	A-90249

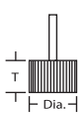
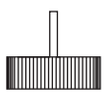
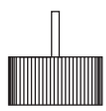
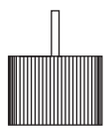
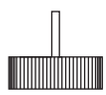
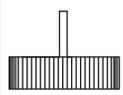
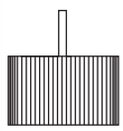
Accessories

Flap Wheel





Specification

Shape									
Dia. x T (mm)		25x25	38x25	50x25	50x38	50x50	64x25	75x25	75x50
Coarse	#40	✓	✓	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)
	#60	✓	✓	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)
Medium	#80	✓	✓	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)
	#120	✓	✓	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)
Fine	#180	✓	✓	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)	✓ (EN)

Features

Useble for various shape



Pipe



90° angle



Curved surface

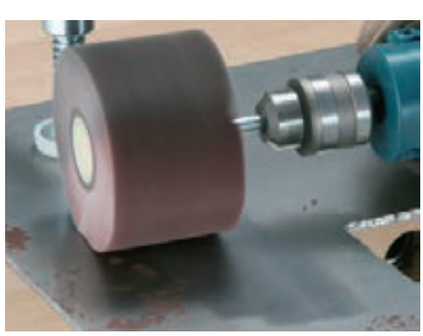
Useble for Various material



Wood



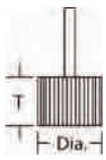
PVC



Metal

Accessories

Flap wheel





Application



These items are available on request. Contact us for the minimum order quantity.

Dia. (mm)	Height (mm)	shank	Grit	Region A
				Part No.
25.4mm	25.4mm	6mm	40	B-36762
			60	B-36778
			80	B-36784
			100	B-36790
			120	B-36809
38.1mm	25.4mm	6mm	40	B-36815
			60	B-36821
			80	B-36837
			100	B-36843
			120	B-36859
50.8mm	25.4mm	6mm	40	B-36865(EN)
			60	B-36871(EN)
			80	B-36887(EN)
			100	B-36893(EN)
			120	B-36902(EN)
50.8mm	38.1mm	6mm	40	B-36918(EN)
			60	B-36924(EN)
			80	B-36930(EN)
			100	B-36946(EN)
			120	B-36952(EN)
50.8mm	50.8mm	6mm	40	B-36968(EN)
			60	B-36974(EN)
			80	B-36980(EN)
			100	B-36996(EN)
			120	B-37007(EN)
63.5mm	25.4mm	6mm	40	B-37013(EN)
			60	B-37029(EN)
			80	B-37035(EN)
			100	B-37041(EN)
			120	B-37057(EN)
76.0mm	25.4mm	6mm	40	B-37063(EN)
			60	B-37079(EN)
			80	B-37085(EN)
			100	B-37091(EN)
			120	B-37100(EN)
76.0mm	50.8mm	6mm	40	B-37116(EN)
			60	B-37122(EN)
			80	B-37138(EN)
			100	B-37144(EN)
			120	B-37150(EN)

Dia.	Width	shank	Grit	Region C
				Part No.
1"	1"	1/4"	40	B-37166
			60	B-37172
			80	B-37188
			100	B-37194
			120	B-37203
1-1/2"	1"	1/4"	40	B-37219
			60	B-37225
			80	B-37231
			100	B-37247
			120	B-37253
2"	1"	1/4"	40	B-37269
			60	B-37275
			80	B-37281
			100	B-37297
			120	B-37306
2"	1-1/2"	1/4"	40	B-37312
			60	B-37328
			80	B-37334
			100	B-37340
			120	B-37356
2"	2"	1/4"	40	B-37362
			60	B-37378
			80	B-37384
			100	B-37390
			120	B-37409
2-1/2"	1"	1/4"	40	B-37415
			60	B-37421
			80	B-37437
			100	B-37443
			120	B-37459
3"	1"	1/4"	40	B-37465
			60	B-37471
			80	B-37487
			100	B-37493
			120	B-37502
3"	2"	1/4"	40	B-37518
			60	B-37524
			80	B-37530
			100	B-37546
			120	B-37552

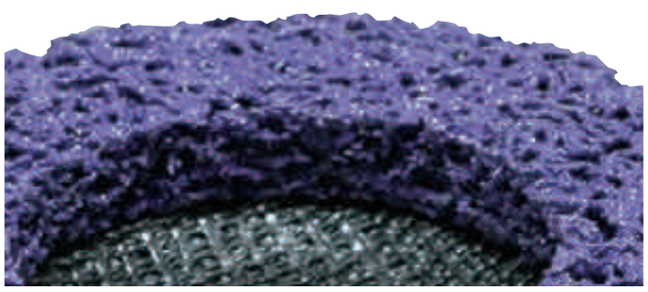
Accessories

Strip Disc





Structure



Special tool for stripping work

Grit (SiC)

It is covered with glue with Sic (Silicon Carbide), so it enables you to grind quickly with less power.

Fiber

Entangeled fiber acts at a cushion material and prevent from grinding too much and scratching steel.

Features

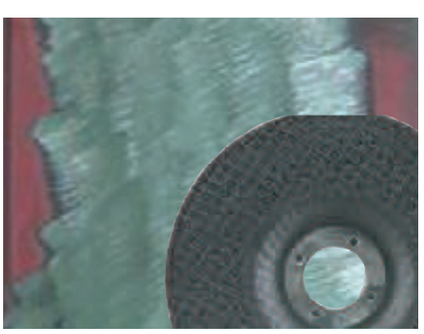
The surface condition of strip disc is the finest.



Strip disc

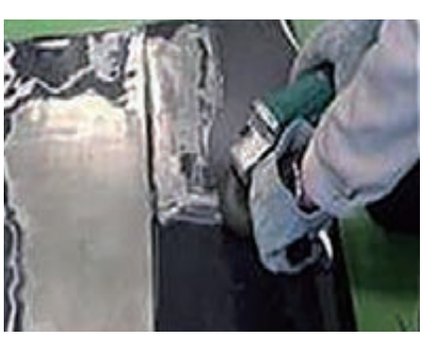


Flap Wheel



Grinding Wheel

Application



*Removing Paint



*Removing Rust



*Removing blue weld discoloration

Accessories

Strip Disc

Removing Paint, Removing Rust, Removing blue weld discoloration





Color		Type	Speed	Life
	Black	Standard	100%	100%
	Purple	Long life	94%	130%

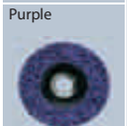
Strip Disc




Application



These items are available on request. Contact us for the minimum order quantity.

Color	Backing Type	Dia. (mm)	Hole dia (mm)	Region A Part No.	Region C Part No.
Black 	Fiber Glass 	100	16	B-28961	B-36289
		115	22.23	B-28977	B-36295
		125	22.23	B-28983	B-36304
		180	22.23	B-28999	B-36310
Purple 		100	16	B-29000	B-36326
		115	22.23	B-29016	B-36332
		125	22.23	B-29022	B-36348
		180	22.23	B-29038	B-36354
Black 	Nylon 	100	16	B-29044	B-36360
		115	22.23	B-29050	B-36376
		125	22.23	B-29066	B-36382
		180	22.23	B-36239	B-36398
Purple 		100	16	B-36245	B-36407
		115	22.23	B-36251	B-36413
		125	22.23	B-36267	B-36429
		180	22.23	B-36273	B-36435

Abrasive disc

Disc type and use

*For stone (wet)

For PK5001C, PK5011C only



A: For wood, iron and steel.

C: For stone and plastics.

**Model GV6010 only

Dia. (mm)	Grit	Per pkg.	Part No.
125	*C24	10	B-14526
125	*C50	10	B-14532
125	*C60	10	B-14548
125	*C120	10	B-14554
125	A50	5	794319-4
125	A80	5	794320-9
125	A120	5	794321-7
150	**C50	10	794086-1
150	**C80	10	794088-7
150	**C120	10	794090-0
100	C24	10	794065-9
100	C30	10	794066-7
100	C50	10	794067-5
100	C80	10	794068-3
100	C100	10	794227-9
100	C120	10	794069-1
115	C24	10	794104-5
115	C30	10	794105-3
115	C50	10	794106-1
115	C80	10	794107-9
115	C120	10	794108-7
125	C24	10	794096-8
125	C30	10	794097-6
125	C50	10	794098-4
125	C80	10	794099-2
125	C120	10	794100-3
150	C24	10	794070-6
150	C30	10	794071-4
150	C50	10	794072-2
150	C80	10	794073-0
150	C100	10	794219-8
150	C120	10	794074-8
180	C16	10	794091-8
180	C20	10	794092-6
180	C24	10	794093-4
180	C30	10	794218-0
180	C50	10	794094-2
180	C80	10	794095-0
180	C100	10	794220-3
180	C120	10	794221-1

Accessories

Abrasive disc

(Pressure sensitive type)

Disc type and Application:

WA: For wood, iron and steel. 10 Per pkg.



For Model:

GV6010

Dia. (mm)	Grit	Part No.
150	WA60	794274-0
150	WA100	794275-8
150	WA120	794276-6
150	WA150	794277-4
150	WA180	794278-2

Abrasive disc

(hook & loop type)

(10 Per pkg.)





Disc dia. (mm)	Grit	Part No.
For Model:		
BO5030, BO5031, BO5040, BO5041		
*Additional coat		
125	*WA60	794542-1
125	*WA80	794543-9
125	*WA120	794544-7
125	*WA180	794545-5
125	*WA240	794546-3
For Model:		
BO6030, BO6040		
150	*WA40	794607-9
150	*WA60	794608-7
150	*WA80	794609-5
150	*WA120	794610-0
150	*WA180	794611-8
150	*WA240	794612-6
150	*WA400	794613-4



Abrasive Belt

Belt type and application

WA, AA: Wood, iron and steel.

CC: Stone and plastics.

6mm x 533mm

Sanding arm Assembly

For Model: 9032

6mm: 125157-7, 9mm: 125158-5, 13mm: 125159-3



100mm x 610mm

Belt Size(mm)	Grit	per pkg.	Part No.
For Model:			
9032			
6 x 533	A40	10	A-34512
6 x 533	A60	10	A-34528
6 x 533	A80	10	A-34534
6 x 533	A100	10	A-34540
6 x 533	A120	10	A-34556
9 x 533	A40	10	A-34447
9 x 533	A60	10	A-34453
9 x 533	A80	10	A-34469
9 x 533	A100	10	A-34475
9 x 533	A120	10	A-34481
13 x 533	A40	10	A-34562
13 x 533	A60	10	A-34578
13 x 533	A80	10	A-34584
13 x 533	A100	10	A-34590
13 x 533	A120	10	A-34609
For Model:			
9901, 9902, 9903			
76 x 533	WA40	10	794119-2
76 x 533	WA60	10	794120-7
76 x 533	WA80	10	794121-5
76 x 533	WA100	10	794122-3
76 x 533	WA120	10	794123-1
76 x 533	WA150	10	794124-9
76 x 533	WA180	10	794225-3
76 x 533	WA240	10	794125-7
76 x 533	C40	10	794126-5
76 x 533	C60	10	794127-3
76 x 533	C80	10	794128-1
76 x 533	C100	10	794129-9
76 x 533	C120	10	794130-4
76 x 533	C150	10	794131-2
76 x 533	C180	10	794226-1
76 x 533	C240	10	794132-0

Accessories

Abrasive Belt

Belt Size(mm)	Grit	per pkg.	Part No.
For Model:			
9910, 9911			
76 x 457	WA40	10	794552-8
76 x 457	WA60	10	794553-6
76 x 457	WA80	10	794551-0
76 x 457	WA100	10	794554-4
76 x 457	WA150	10	794555-2
76 x 457	WA180	10	794556-0
76 x 457	WA240	10	794557-8
For Model:			
9920,9921,9924DB			
76 x 610	WA40	10	794237-6
76 x 610	WA60	10	794238-4
76 x 610	WA80	10	794239-2
76 x 610	WA100	10	794240-7
76 x 610	WA120	10	794241-5
76 x 610	WA150	10	794242-3
76 x 610	WA180	10	794243-1
76 x 610	WA240	10	794244-9
76 x 610	C40	10	794245-7
76 x 610	C60	10	794246-5
76 x 610	C80	10	794247-3
76 x 610	C100	10	794248-1
76 x 610	C120	10	794249-9
76 x 610	C150	10	794250-4
76 x 610	C180	10	794251-2
76 x 610	C240	10	794252-0
For Model:			
9401, 9402. 9403, 9404			
100 x 610	WA40	5	794133-8
100 x 610	WA60	5	794134-6
100 x 610	WA80	5	794135-4
100 x 610	WA100	5	794136-2
100 x 610	WA120	5	794137-0
100 x 610	WA150	5	794138-8
100 x 610	WA180	5	794222-9
100 x 610	WA240	5	794139-6
100 x 610	C40	5	794140-1
100 x 610	C60	5	794141-9
100 x 610	C80	5	794142-7
100 x 610	C100	5	794143-5
100 x 610	C120	5	794144-3
100 x 610	C150	5	794145-1
100 x 610	C180	5	794223-7
100 x 610	C240	5	794146-9

Abrasive paper





Paper Size(mm)	Grit	Per pkg.	Part No.
For Model:			
BO4900, BO4900V, BO4901, 9046			
*Additional coat			
114 x 280	*WA60	10	794210-6
114 x 280	*WA80	10	794470-0
114 x 280	*WA100	10	794209-1
114 x 280	*WA120	10	794212-2
114 x 280	*WA150	10	794213-0
114 x 280	*WA180	10	794211-4
Pre-punched			
For Model:			
BO4900, BO4900V, BO4901, 9046			
115 x 280	*WA60	10	A-14065
115 x 280	*WA80	10	A-14071
115 x 280	*WA100	10	A-14087
115 x 280	*WA120	10	A-14093
115 x 280	*WA150	10	A-14102
115 x 280	*WA180	10	A-14118
115 x 280	*WA240	10	A-14124
Pre-punched hook & loop			
For Model:			
BO4900, BO4900V, BO4901, 9046			
115 x 232	*WA60	5	A-14130
115 x 232	*WA80	5	A-14146
115 x 232	*WA100	5	A-14152
115 x 232	*WA120	5	A-14168
115 x 232	*WA150	5	A-14174
115 x 232	*WA180	5	A-14180
115 x 232	*WA240	5	A-14196
Pre-punched			
For Model:			
BO3711, BO3710			
93 x 228	*WA60	10	A-31245
93 x 228	*WA80	10	A-31251
93 x 228	*WA120	10	A-31267
93 x 228	*WA180	10	A-31273
93 x 228	*WA240	10	A-31289

Accessories

Paper Size(mm)	Grit	Per pkg.	Part No.
For Model:			
9035, 9035N, 9036			
93 x 228	*WA60	10	794156-6
93 x 228	*WA80	10	794471-8
93 x 228	*WA100	10	794157-4
93 x 228	*WA150	10	794158-2
For Model:			
BO4510, BO4540, BO4556, BO4555			
114 x 140	*WA60	10	794216-460
114 x 140	*WA80	10	794469-560
114 x 140	*WA100	10	794215-660
114 x 140	*WA150	10	794214-860

Wool Pad

(hook & loop type)

(For high gloss polishing)



Model No.	Disc dia. (mm)	Part No.
BO6030, BO6040	150	794619-2
BO5031, BO5041	140	794560-9
(Use with Backing pad and Sleeve18)		
9227C/B, PV7001/C, PV7000C, SA7000C	180	192629-7

Wool bonnet





Model No.	Size (mm)	Part No.
PV7001/C, PV7000C, 9207SPB, 9218PB/L, 9227C/B, SA7000C	180	794176-0

Sponge pad

(Hook & loop type)





Model No.	Size (mm)	Part No.
BO5031, BO5041	125	794558-6
(Use with Backing pad)		
9227C/B, PV7001/C, PV7000C, SA7000C	190	193470-1

Felt Pad

(hook & loop type)

(For removing wax)



Model No.	Disc dia. (mm)	Part No.
BO5031, BO5041	125	196152-4
BO6030, BO6040	125	794618-4

Backing pad

(Hook & loop type)

(Use with Wool pad and Sleeve18 or Sponge pad)



Model No.	Spindle thread	Part No.
9227C/B, PV7001/C, PV7000C, SA7000C	M14 x 2 (DIN)	743053-3
	5/8"	743052-5
	M16	743054-1

Rubber pad

Use with pre-punched abrasive disc.



Model No.	Type	Part No.
BO6030,BO6040	Hard (For coarse sanding)	A-87806
	Soft (For general sanding)	A-87812
	Super Soft (For fine sanding)	A-87828
BO5030, BO5031, BO5040, BO5041	-	743081-8

100mm Diamond polishing pad

(Hook & loop type)

8 pads assortment (1 each) D-15805

This item is available on request.

Contact us for the minimum order quantity.





For Model:

PW5000C, PW5001C

Color	Grit	Part No.
Blue	50	D-15584
Yellow	100	D-15590
Orange	200	D-15609
red	400	D-15615
Dark green	800	D-15621
Light green	1500	D-15637
Brown	3000	D-15643
Green	Buff (Finishing)	D-15659

ACCESSORIES

Multi Tool





Tungsten carbide grit, #30



Tungsten carbide grit, #30



Diamond grit, #40


Serrated edge


Sharp blade


Sharp blade



Delta plate



Sanding plate

Accessories

NEW Blades

Sawing

Deep plunge cut saw blade

TMA037 / TMA038

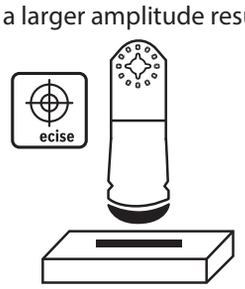


Curved cutting edge

for precise, clean and smooth plunge cuts

Deep cutting shape

allows up to 70mm deep cuts. The long blade provides a larger amplitude resulting in more speed.







Cutting

Universal purpose knife

TMA042

Universal purpose knife

allows cutting in either direction (push or pull) by locating 2 types blades.
Easy curve cutting is available.



best for pull cutting

best for push cutting







Accessories

Sawing

For Model:

DTM51, DTM50, DTM41, DTM40,

TM3010C, TM3000C

Size: W= width (mm), L=length (mm)



Segment saw blade 85

TMA001





Application/ Recommended Use

Non-ferrous metal, FRP, PVC / Suitable for corners.

Plunge cut in plasterboard or cement-bonded fiber board

Cut-off smaller mouldings to length

Cutting recesses in epoxy/glass fiber reinforced plastic

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
85	BiM-TiN, Multi Material, flat	B-21272	A-95168

Segment saw blade 65

TMA002





Application/ Recommended Use

Non-ferrous metal, FRP, PVC/ Suitable for corners.

Cutting recesses in epoxy/glass fiber reinforced plastic

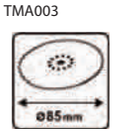
Cutting sheet metal up to 1mm

Removing old window putty

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
65	BiM-TiN, Multi Material, flat	B-21288	-

Round saw blade 85

TMA003





Application/ Recommended Use

Non-ferrous metal, FRP, PVC

Cutting wood with nails

Cutting recesses in epoxy/glass fiber reinforced plastic

Cutting sheet metal up to 1mm

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
85	BiM-TiN, Multi Material, flat	B-21294	-

Round saw blade 65

TMA004





Application/ Recommended Use

Non-ferrous metal, FRP, PVC

Cutting recesses in epoxy/glass fiber reinforced plastic

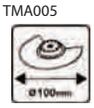
Cutting sheet metal up to 1mm

Removing old window putty

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
65	BiM-TiN, Multi Material, flat	B-21303	-

Segment saw blade 100

TMA005





Application/ Recommended Use

Wood&Metal/ Suitable for deep cutting

Cut-off door frame to length on the floor

Cut-out parquet/laminate flooring

Cut-off smaller mouldings to length

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
100	BiM, Wood&Metal, offset	B-21319	-

Segment saw blade 85

TMA006





Application/ Recommended Use

Wood&Metal/ Suitable for flush cutting

Cut-off door frame to length on the floor

Cut-out parquet/laminate flooring

Cut-off smaller mouldings to length

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
85	BiM, Wood&Metal, offset	B-21325	-

Segment saw blade 85

TMA007





Application/ Recommended Use

Wood/ Suitable for flush cutting

Plunge-cut in solid wood

Flush cutting wood

Cut-off plastic pipe(PVC) to length

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
85	HCS, Wood, offset	B-21331	A-95227

Accessories

Plung-cutting saw blades



Plunge cut saw blade 65

TMA008





Application/ Recommended Use

Wood and nails/ Suitable for plunge cutting

Cutting wood with nails

Cutting a door frame to length

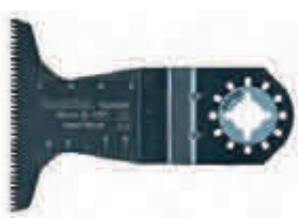
Plunge cuts in laminated panels.

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
65 x 40	BiM, Wood and nails	B-21347	-

Plunge cut saw blade 65

TMA035





Application/ Recommended Use

Hard Wood/ Suitable for plunge cutting

Plunge cutting in laminated panels or hard wood

Cutting a recess in furniture components

Flush cutting wooden components

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
65 x 40	BiM, Hard Wood	B-40397	-

Plunge cut saw blade 65

TMA040





Application/ Recommended Use

Wood/ Suitable for plunge cutting

Flush cutting wooden components

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
65 x 40	HCS, Wood	B-46844	-

Plunge cut saw blade 65

TMA041





Application/ Recommended Use

Wood/ Suitable for plunge cutting

Cutting a recess in furniture components

Flush cutting wooden components

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
65 x 40	HCS, Wood	B-46850	-

Plunge cut saw blade 28

TMA009





Application/ Recommended Use

Wood and Metal/ Suitable for deep plunge cutting in wood

Deep plunge cut in wood, abrasive wooden materials, plastics

Cut-off small non-ferrous metal pipes and profiles

Cut-off non-hardened nails and steel profiles with smaller dimensions

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
28 x 50	BiM, Wood and Metal	B-21353	-

Plunge cut saw blade 32

TMA010





Application/ Recommended Use

Hard Wood

Plunge cut in laminated panels or hardwood

Cutting a recess in furniture components

Flush cutting wooden components

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 40	BiM, Hard Wood	B-21369	A-95255

Plunge cut saw blade 32

TMA012





Application/ Recommended Use

Wood

Plunge-cut in softwood

Cutting a recess in furniture components

Flush cutting wooden components to length

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 40	HCS, Wood	B-21381	A-95277

Accessories

Plunge cut saw blade 20

TMA013





Application/ Recommended Use

Wood

Plunge-cut in softwood

Cutting a recess in furniture components

Flush cutting wooden components to length

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
20 x 30	HCS, Wood	B-21397	-

Plunge cut saw blade 10

TMA014





Application/ Recommended Use

Wood

Plunge-cut in softwood

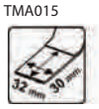
Cutting a recess in furniture components

Filigree adjustment work in wood

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
10 x 30	HCS, Wood	B-21406	-

Plunge cut saw blade 32

TMA015





Application/ Recommended Use

Metal/ Suitable for flush cutting in nails or copper pipe

Flush cutting nails

Flush cutting a copper pipe

Plunge cuts in plasterboard

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 30	BiM, Metal	B-21412	-

Plunge cut saw blade 20

TMA016





Application/ Recommended Use

Meta/l Suitable for flush cutting in nails or copper pipe

Flush cutting nails

Flush cutting a copper pipe

Plunge cuts in plasterboard

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
20 x 20	BiM, Metal	B-21428	-

Plunge cut saw blade 10

TMA017





Application/ Recommended Use

Metal/ Suitable for flush cutting in nails or plasterboard

Flush cutting nails

Filigree adjustment work on non-ferrous profiles

Plunge cuts in plasterboard

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
10 x 20	BiM, Metal	B-21434	-

HM Bar plunge cut saw blade 32

TMA030





Application/ Recommended Use

Metal/ Suitable for flush cutting in hardened screws and nails

Flush cutting hardened screws and nails

Cutting stainless steel

Cutting fiberglass

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 40	HM bar, Metal	B-39213	-

HM Bar plunge cut saw blade 20

TMA031





Application/ Recommended Use

Metal/ Suitable for flush cutting in hardened screws and nails

Flush cutting hardened screws and nails

Cutting stainless steel

Cutting fiberglass

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
20 x 30	HM bar, Metal	B-39229	-

Bow shape plunge cut saw blade 32

TMA032





Application/ Recommended Use

Wood/ Suitable for Precisely plunge cut

Plunge-cut in wood

Cutting a recess in furniture components

Plunge-cut in softwood

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 40	HCS, Wood	B-39235	-

Accessories

Bow shape plunge cut saw blade 32

TMA039





Application/ Recommended Use

Wood/ Suitable for Precisely plunge cut

Plunge cut in wood

Cutting a recess in furniture components

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 40	HCS, Wood	B-46838	-

Bow shape plunge cut saw blade 32

TMA033





Application/ Recommended Use

Hard Wood/ Suitable for Precisely plunge cut

Plunge cut in hardwood

Cutting a recess in furniture components

Plunge cut in laminate panels

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 40	BiM, Hard Wood	B-39241	-

Bow shape plunge cut saw blade 32

TMA034





Application/ Recommended Use

Wood and Metal / Suitable for Precisely plunge cut

Plunge cut in Wood and metal

Plunge cut in hardwood

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 50	BiM, Wood & Metal	B-39257	-

Deep plunge cut saw blade 32

TMA037





Application/ Recommended Use

Wood and Metal / Suitable for Precisely plunge cut

Plunge cut in Wood and metal

Plunge cut in hardwood

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 70	BiM, Wood & Metal	B-46816	-

Deep plunge cut saw blade 32

TMA038





Application/ Recommended Use

Wood/ Suitable for Precisely plunge cut

Plunge-cut in wood

Cutting a recess in furniture components

Plunge-cut in softwood

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 70	HCS, Wood	B-46822	-

Scraping



Scraper 52 Rigid

TMA018





Application/ Recommended Use

Removing mortar or tile adhesive

Removing mortar and concrete residues

Removing hard, brittle carpet adhesive residues

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
52 x 26	HCS	B-21440	-

Scraper 52 Flexible

TMA019





Application/ Recommended Use

Removing soft carpet adhesive residues

Removing paint residues

Removing silicone joints

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
52 x 45	HCS	B-21456	A-95342

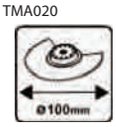
Accessories

Cutting



Serrated Seg Blade 100

TMA020





Application/ Recommended Use

Polystyrene, Rubber/ Suitable for insulation materia

Flush cutting to length of protruding insulation mat

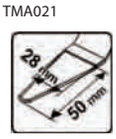
Cut-out insulation panels to size

Cut soft materials (cardboard, carpet, leather…)

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
100	BiM	B-21462	-

General Joint Cutter

TMA021





Application/ Recommended Use

Cutting soft expansion joints

Cutting window putty

Cutting insulation materials

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
28 x 50	HCS	B-21478	-

General Joint Cutter

TMA036





Application/ Recommended Use

Cutting insulation materials

Cutting window putty

Cutting expansion joints

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
28 x 50	HCS	B-40406	-

Universal purpose knife

TMA042



Application/ Recommended Use

Cutting insulation materials

Cutting window putty

Cutting expansion joints

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 50	HCS	B-46866	-

Segment Knife Blade

TMA029





Application/ Recommended Use

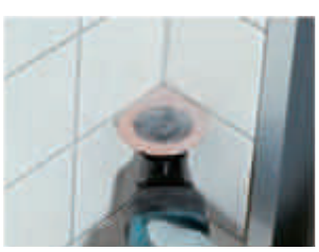
Cutting linoleum

Cutting carpet

Cutting rubber mats

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
100	BiM, SOFT MATERIAL	B-34827	-

Routing and Rasping





HM Remover

TMA022





Application/ Recommended Use

Routing joints on wall and floor tiles

Removing mortar or tile adhesive

Removing joints in the smallest of corners with the tungsten c

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
70	HM grit #40	B-21484	-

Accessories

HM Plunge Blade 32

TMA027





Application/ Recommended Use

Plunge cut and rasping in fibreglass.

Deburr cut-out in fibreglass

Remove grouts in narrow corners or tide spaces

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
32 x 30	HM grit #50	B-34805	-

HM Plunge Blade 20

TMA028





Application/ Recommended Use

Plunge cut and rasping in fibreglass.

Deburr cut-out in fibreglass

Remove grouts in narrow corners or tide spaces

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
20 x 20	HM grit #50	B-34811	-

HM Seg Saw Blade 85

TMA023





Application/ Recommended Use

Routing joints on wall and floor tiles

Smaller cutouts in soft wall tiles

Routing grooves in porous concrete, for laying concealed cables and pipes

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
85	HM grit #30	B-21490	A-95386

HM Seg Saw Blade 65

TMA024





Application/ Recommended Use

Routing extra-thin 1/16" joints on wall tiles

Routing recesses in epoxy/glass fiber reinforced plastic

Routing grooves in porous concrete, for laying concealed cables and pipes

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
65	HM grit #50	B-21509	-

Diamond Seg Saw blade



Diamond Seg Saw blade 85

TMA026





Application/ Recommended Use

Cutout of soft wall tiles and FRP

Routing recesses in epoxy/glass fiber reinforced plastic

Routing joints on wall tiles

Diameter (mm)	Type	Region B	Region C
		Part No.	Part No.
85	Diamond grit #40	B-21521	-

Riff sanding plate



HM Sanding Plate 78

TMA025





Application/ Recommended Use

Removing motar or tile adhesive

Removing carpet adhesive residues from a mineral surface

Size (mm)	Type	Region B	Region C
		Part No.	Part No.
78	HM grit #30	B-21515	A-95401

Sanding pad









Size (mm)	Type	Region B	Region C
		Part No.	Part No.
78	hook & loop	B-21537	A-95423

Accessories

Multi tool blade sets

Multi tool blade 5pc/pack



No.	Application	Region B
		Part No.
TMA009	Plunge cut saw blade 28	B-45478
TMA010	Plunge cut saw blade 32	B-45484
TMA012	Plunge cut saw blade 32	B-45490
TMA015	Plunge cut saw blade 32	B-45509
TMA016	Plunge cut saw blade 20	B-45515
TMA032	Bow shape plunge cut saw blade 32	B-45521
TMA033	Bow shape plunge cut saw blade 32	B-45537
TMA034	Bow shape plunge cut saw blade 32	B-45543

Multi tool blade 20pc/pack



No.	Application	Region B
		Part No.
TMA009	Plunge cut saw blade 28	B-34665
TMA010	Plunge cut saw blade 32	B-34659
TMA012	Plunge cut saw blade 32	B-34643
TMA018	Scraper 52 Rigid	B-34671

Multi tool blade sets

Tile Set 1

TMA016 Plunge cut saw blade 20

TMA023 HM Seg saw blade 85

TMA025 HM Sanding plate 78



Region B
Part No.
B-30586

Tile Set 2

TMA016 Plunge cut saw blade 20

TMA018 Scraper 52 rigid

TMA023 HM Seg saw blade 85

TMA025 HM Sanding plate 78



Region B
Part No.
B-30592

Floor Set 1

TMA005 Segment saw blade 100

TMA006 Segment saw blade 85

TMA019 Scraper 52 flexible



Region B
Part No.
B-30601

Floor Set 2

TMA006 Segment saw blade 85

TMA008 Plunge cut saw blade 65

TMA012 Plunge cut saw blade 32

TMA019 Scraper 52 flexible



Region B
Part No.
B-30617

Plunge Cut Set

TMA009 Plunge cut saw blade 28

TMA010 Plung cut saw blade 32

TMA016 Plung cut saw blade 20

TMA006 Segment saw blade 85



Region B
Part No.
B-30623

Carpentry Set

TMA006 Segment saw blade 85

TMA009 Plunge cut saw blade 28

TMA010 Plung cut saw blade 32

Sanding Pad x 2pcs



Region B
Part No.
B-30639

Accessories

Multi tool papers applications

Rating Suitability for application:

AA = Especially Suitable

A = Suitable



n.r = No Rating

Product Application and Rating On Each Material		Grit	Paint	Varnish	Filler	Roughcast	Wood / Wooden materials	soft wood	hard wood	Plywood	Chipboard/MDF	Glass fiber reinforced plastics	Metal	Steel (mild steel / carbon steel)	Stone	Marble	Granite	Glass	Perspex	Imi tation marble	Glass fiber reinforced plastics
Wood / long-life	Coarse	60	n.r	n.r	n.r	n.r	AA	AA	AA	AA	AA	A	AA	A	n.r	n.r	n.r	n.r	n.r	n.r	n.r
	Medium	80																			
		100																			
		120																			
	Fine	180																			
		240																			
Wood	Coarse	60	n.r	n.r	n.r	n.r	AA	A	AA	AA	AA	A	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r
	Medium	80																			
		100																			
		120																			
	Fine	150																			
		180																			
		240																			
Paint	Coarse	60	AA	AA	AA	AA	n.r	n.r	A	n.r	n.r	n.r	A	A	n.r	n.r	n.r	n.r	n.r	n.r	n.r
	Medium	80																			
		100																			
		120																			
	Fine	240																			
		320																			
Stone	Medium	120	A	AA	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r	A	A	A	A	A	A	A
	Fine	240																			
		400																			
	Very fine	600																			
		1200																			

Accessories

Abrasive delta paper

Use with Sanding pad (B-21537)

(hook & loop type)

Wood / long-life



Suitable for sanding wood, hardwood, chipboard, construction boards and metal

Paper Size (mm)	Grit	per pkg.	Region B	Region C
			Part No.	Part No.
94	60	10	B-21565	-
94	80	10	B-21571	-
94	100	10	B-21587	-
94	120	10	B-21593	-
94	180	10	B-21602	-
94	240	10	B-22931	-
94	60,80,100, 120,180	10 (2pcs/each)	B-21559	-

Wood



Suitable for sanding wood and wooden materials

Paper Size (mm)	Grit	per pkg.	Region B	Region C
			Part No.	Part No.
94	60	10	B-21624	
94	80	10	B-21630	A-95526
94	100	10	B-22947	A-95744
94	120	10	B-21646	A-95532
94	150	10	B-22953	A-95750
94	180	10	B-21652	A-95548
94	240	10	B-21668	-
94	60,80,120, 180,240	10 (2pcs/each)	B-21618	-
94	80,100,120, 150,180	10 (2pcs/each)	-	A-95853

Paint



Suitable for sanding paint, varnish or roughcast

Paper Size (mm)	Grit	per pkg.	Region B	Region C
			Part No.	Part No.
94	60	10	B-21680	-
94	80	10	B-21696	-
94	100	10	B-21705	-
94	120	10	B-22969	-
94	240	10	B-21711	-
94	320	10	B-21727	-
94	60,80,100, 240,320	10 (2pcs/each)	B-21674	-

Stone



Suitable for coarse to gloss sanding of extremely hard materials such as stone or glass

Paper Size (mm)	Grit	per pkg.	Region B	Region C
			Part No.	Part No.
94	120	10	B-21749	-
94	240	10	B-21755	-
94	400	10	B-21761	-
94	600	10	B-21777	-
94	1200	10	B-21783	-
94	120,240,400, 600,1200	10 (2pcs/each)	B-21733	-

Fleece



Suitable for removing the rust of metal and the dirt of wood

Paper Size (mm)	Grit	per pkg.	Region B	Region C
			Part No.	Part No.
94	Medium / 280	1	B-21799	-
94	Coarse / 100	1	B-21808	-
94	without grit	1	B-21814	-

Polishing felt



Suitable for pre-polishing very dirty or scratched surfaces

Paper Size (mm)	Grit	per pkg.	Region B	Region C
			Part No.	Part No.
94	Hard	1	B-21820	-

ACCESSORIES

Diamond





Thread / Dia



Dia / Bore



Max speed


Wet


Dry

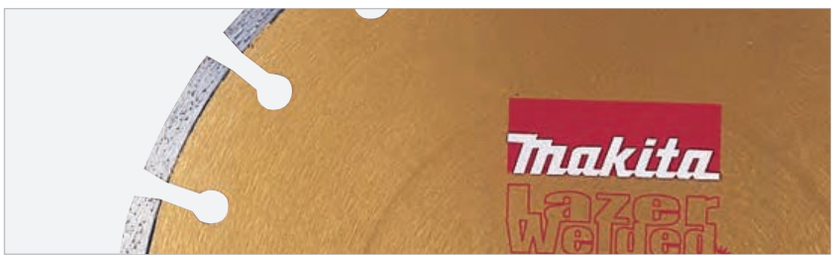

Not permitted for face grinding

Diamond Wheels



Segmented Type:

Most commonly used. Blade has slits and layer of diamond are sintered on edges. Cut faster than continuous rim type and attain average cutting surface.



Segmented Type Laser Welded:

Layer of diamond and plate are welded by laser beam over 1000 degree C. Ideal with high power machine, thanks to strong bonding by alloying layer of diamond and plate.



Segmented Wave Type:

This wheel has slits like segmented wheel. Each segment has many notches (Wave). These notches assure;

- Fast cutting with less resistance.
- Smooth debris removal.
- Less loading on wheel.



Corrugated Type:

This wheel has notches around the Rim. Has a characteristic between Continuous Rim and Segmented Type. Has faster cutting like Segmented Type. At the same time, can attain cleaner surface like continuous rim without broken edges.



Continuous Rim Type:

Has layer of diamond with uniform thickness around the entire rim. Can attain clean surface even on crusty, brittle materials. Cut with accuracy but not as fast as segment type wheel.



Electrodeposited Type:

Diamonds are electrodeposited and has more exposure than bonded type. Cuts faster and more efficient.

The Makita Diamond Wheel Series offers three types of wheel grades to meet user needs.

High-grade type:

This yields the highest performance in both cutting speed and durability.

Standard-grade type:

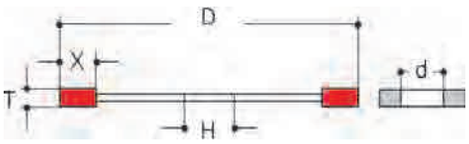
This achieves an optimum balance between performance and price.

Economy-grade type:

This has the attraction of a reasonable price tag.

Accessories

Diamond Wheel



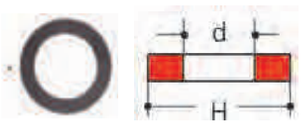
(EN) : EN13236

*These items are available on request.Contact us for the minimum order quantity.

AA: Specially suitable, **A**: Suitable



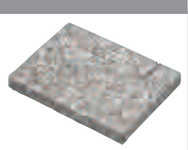
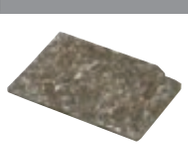
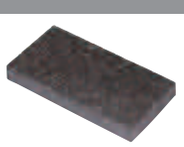
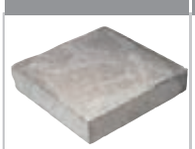
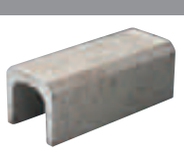
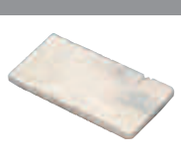
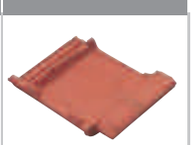
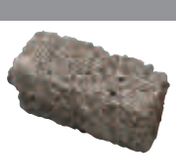
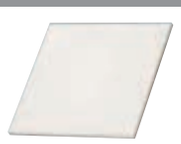
Ring



(10 pcs./set)
(mm)

Description	(H)Outer Dia	(D)Hole Dia	Part No.
Ring 20	22.23	20	A-85248
Ring 16	20	16	A-86860

Material

Material No. 1						
Hard concrete	Granite	Gneiss	Smoothable Engineering	Carbonaceous Shale	Sidewalk Slate	Engineering Block/ Engineering Block Class 2
						
Material No. 2					Material No. 3	
Concrete	Block	U-shaped Groove	Sidewalk Block	Cemented Tile	Marble	Unglazed Tile
						
Material No. 4			Material No. 5	Material No. 6	Material No. 7	
Brick	Aggregate Block	French Tile	Asphalt	Tile	Glass	
						

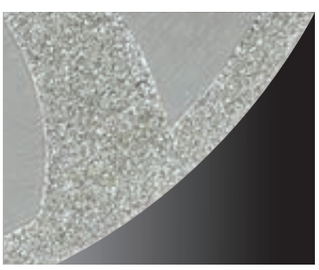
NEW Blades

Electroplated Diamond Wheel for Marble



Fine Surface

it's cutting surface is very fine for the additional diamond on the plate's side.





DRY Cutting Specially and Smoothly Cutting

Thanks to high-quality diamond, it can be used for dry cutting despite it's rim type. So smooth and fine cutting of Marble is available.

< Comparison of cutting surface >

Electroplated type



Normal



Diamond Wheel for Pocelain Tile



Thin Blade

With the bare necessities of thickness which able to have enough strength, able to get smooth and light cutting.

< Thin Blade >

φ110、115mm : 1.3mm
φ180 : 1.6mm

< Normal Blade >

φ110、115mm : 2.0mm
φ180 : 2.3mm





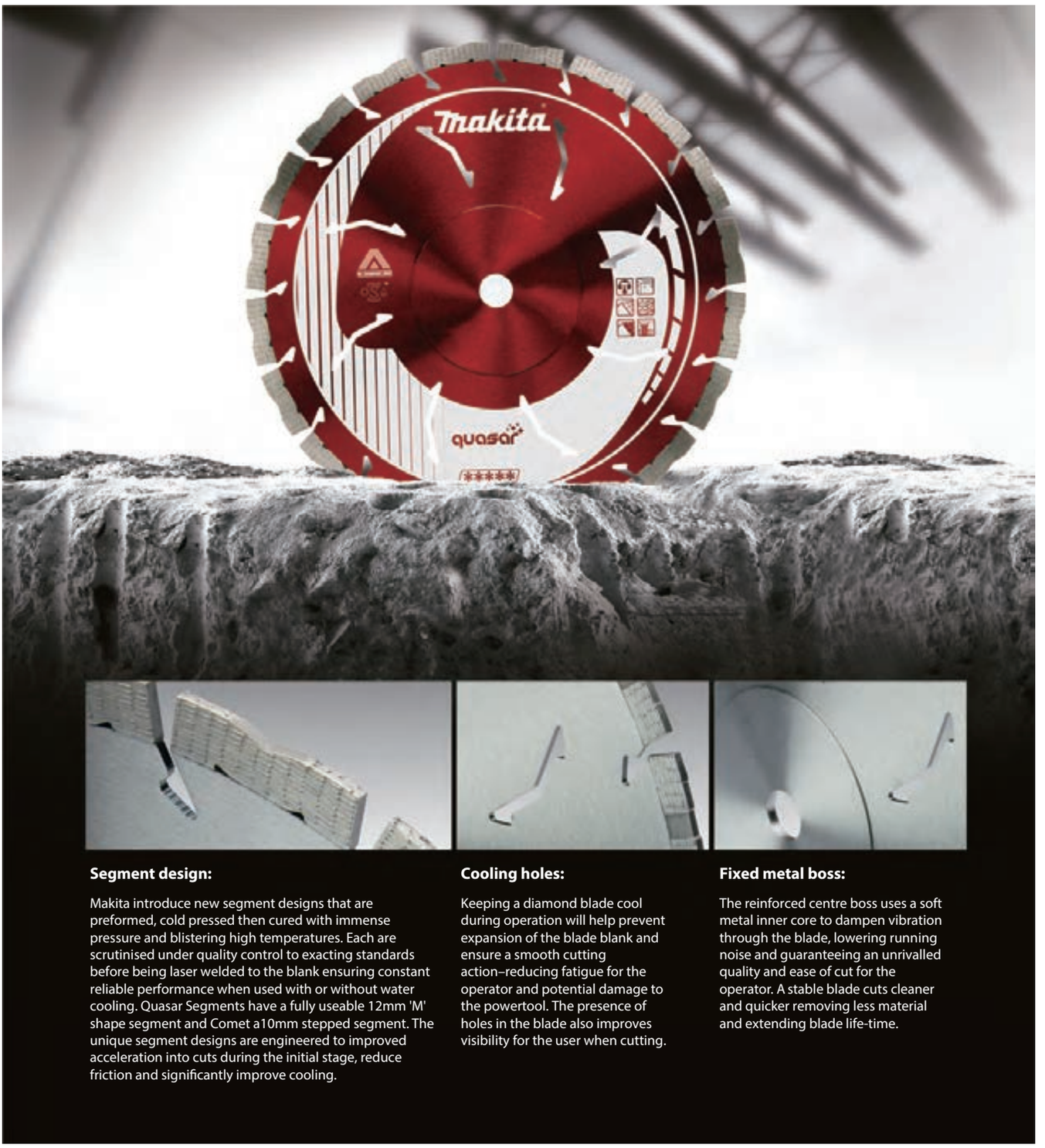


Manufacturing process is Hot Press

These are adopted Hot press method.
Great performance and high quality.

What's hot press?
→
Hot press is the method that pressuring the blade with heating and hardening diamond on it. By pressuring the blade, metal powder and diamond particles are hardened ideally and stabilize the quality.

COSMOS Series Diamond Wheel



Segment design:

Makita introduce new segment designs that are preformed, cold pressed then cured with immense pressure and blistering high temperatures. Each are scrutinised under quality control to exacting standards before being laser welded to the blank ensuring constant reliable performance when used with or without water cooling. Quasar Segments have a fully useable 12mm 'M' shape segment and Comet a10mm stepped segment. The unique segment designs are engineered to improved acceleration into cuts during the initial stage, reduce friction and significantly improve cooling.

Cooling holes:

Keeping a diamond blade cool during operation will help prevent expansion of the blade blank and ensure a smooth cutting action–reducing fatigue for the operator and potential damage to the powertool. The presence of holes in the blade also improves visibility for the user when cutting.

Fixed metal boss:

The reinforced centre boss uses a soft metal inner core to dampen vibration through the blade, lowering running noise and guaranteeing an unrivalled quality and ease of cut for the operator. A stable blade cuts cleaner and quicker removing less material and extending blade life-time.

Enduro Rapide **The Cosmos System:**

Makita now brings a 'universal' approach to blade selection. Advanced segment bonds allow for premium performance across a wider range of materials. Rapide segments for the fastest cut into mid to hard materials and Enduro segments for the longes tlife in mid to abrasive materials.

3D Diamond Grid:

Makita are at the forefront of diamond technology introducing 3D grid diamond arrangement. This advanced method of segment manufacturing allows each diamond grit to be placed in an even 3 dimensional pattern for nparalleled performance against traditional random distribution segments. Value for money is maximised as there is total control over diamond grit positioning meaning lifetime and speed is vastly increased

Stealth:

New and advanced technology utilising laminate blades which reduce resonance an run significantly quieter, especially suited to being used in built-up areas, protecting the public from harmful noise pollution. A steady blade that's fast and clean cutting.

Europe region EN standard conformity

COSMOS Series Diamond Wheel
Segmented

Five-star range

quasar

★★★★★

Premium universal application 3D Grid diamond blade for professional performance.

Available with Stealth technology giving ultimate vibration and noise dampening for the best feel or with a reinforced centre and cooling holes for a fast and comfortable cut. Laser welded, wet and dry use.

3D DIAMOND GRID

STEALTH TECHNOLOGY



AA: Specially suitable, A: Suitable

D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	Notes	Part No.
115mm	2	10	22.23	-	Red	AA	AA	AA	AA	AA			Cooling Holes	*B-12681(EN)
125mm	2	10	22.23	20	Red	AA	AA	AA	AA	AA			Cooling Holes	*B-12697(EN)
230mm	2.6	12	22.23	-	Red	AA	AA	AA	AA	AA			3DDG /Cooling Holes and reinforced core	*B-12706(EN)
300mm	3	12	20	-	Red	AA	AA	AA	AA	AA			3DDG /Cooling Holes and reinforced core	*B-13421(EN)
350mm	3	12	25.4	20	Red	AA	AA	AA	AA	AA			3DDG /Cooling Holes and reinforced core	*B-13437(EN)
400mm	3	12	25.4	20	Red	AA	AA	AA	AA	AA			3DDG /Cooling Holes and reinforced core	*B-13443(EN)
230mm	2.6	12	22.23	-	Red	AA	AA	AA	AA	AA			3DDG /Stealth	*B-12712(EN)
300mm	3	12	20	-	Red	AA	AA	AA	AA	AA			3DDG /Stealth	*B-13459(EN)
350mm	3	12	25.4	20	Red	AA	AA	AA	AA	AA			3DDG /Stealth	*B-13465(EN)
400mm	3	12	25.4	20	Red	AA	AA	AA	AA	AA			3DDG /Stealth	*B-13471(EN)

Four-star range

comet

★★★★

Premium universal 3D Grid diamond blade for professional performance.

A wide range of quality blades with 3D grid technology and optional features such as stealth technology or cooling holes.
Available in Rapide and Enduro segment specifications for speed or life maximisation.
Laser welded, wet and dry use.

3D DIAMOND GRID

STEALTH TECHNOLOGY



Enduro

D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	Notes	Part No.
115mm	2	10	22.23	-	Blue	A	A	A	A	A			Cooling Holes	*B-12728(EN)
125mm	2	10	22.23	20	Blue	A	A	A	A	A			Cooling Holes	*B-12734(EN)
150mm	2.2	10	22.23	-	Blue	A	A	A	A	A			Cooling Holes /SG150	*B-27165(EN)
180mm	2.2	10	22.23	-	Blue	A	A	A	A	A			Cooling Holes /SG180	*B-27171(EN)
230mm	2.6	10	22.23	-	Blue	A	A	A	A	A			3DDG /Cooling Holes	*B-12740(EN)
300mm	3	10	20	-	Blue	A	A	A	A	A			3DDG /Cooling Holes	*B-13487(EN)
350mm	3	10	25.4	20	Blue	A	A	A	A	A			3DDG /Cooling Holes	*B-13493(EN)
400mm	3	10	25.4	20	Blue	A	A	A	A	A			3DDG /Cooling Holes	*B-13502(EN)
230mm	2.6	10	22.23	-	Blue	A	A	A	A	A			3DDG /Stealth	*B-12756(EN)
300mm	3	10	20	-	Blue	A	A	A	A	A			3DDG /Stealth	*B-13518(EN)
350mm	3	10	25.4	20	Blue	A	A	A	A	A			3DDG /Stealth	*B-13524(EN)
400mm	3	10	25.4	20	Blue	A	A	A	A	A			3DDG /Stealth	*B-13530(EN)

Rapide

115mm	2	10	22.23	-	Blue	A	A	A	A	A			Cooling Holes	*B-12762(EN)
125mm	2	10	22.23	20	Blue	A	A	A	A	A			Cooling Holes	*B-12778(EN)
150mm	2.2	10	22.23	-	Blue	A	A	A	A	A			Cooling Holes /SG150	*B-27187(EN)
180mm	2.2	10	22.23	-	Blue	A	A	A	A	A			Cooling Holes /SG180	*B-27193(EN)
230mm	2.6	10	22.23	-	Blue	A	A	A	A	A			3DDG /Cooling Holes	*B-12784(EN)
300mm	3	10	20	-	Blue	A	A	A	A	A			3DDG /Cooling Holes	*B-13546(EN)
350mm	3	10	25.4	20	Blue	A	A	A	A	A			3DDG /Cooling Holes	*B-13552(EN)
400mm	3	10	25.4	20	Blue	A	A	A	A	A			3DDG /Cooling Holes	*B-13568(EN)

Europe region EN standard conformity

D	T	X	H	d	Color	For Material							Notes	Part No.
						1	2	3	4	5	6	7		
230mm	2.6	10	22.23	-	Blue	A	A	A	A	A			3DDG /Stealth	*B-12893(EN)
300mm	3	10	20	-	Blue	A	A	A	A	A			3DDG /Stealth	*B-13574(EN)
350mm	3	10	25.4	20	Blue	A	A	A	A	A			3DDG /Stealth	*B-13580(EN)
400mm	3	10	25.4	20	Blue	A	A	A	A	A			3DDG /Stealth	*B-13596(EN)

Three-star range

neutron

★★★★

3D DIAMOND GRID



Premium universal 3D Grid diamond blade for professional performance.

Available in Rapide and Enduro segment specifications for speed or life maximisation. Laser welded, wet and dry use.

Enduro

D	T	X	H	d	Color	For Material							Notes	Part No.
						1	2	3	4	5	6	7		
115mm	2	10	22.23	-	Green		A	A	A					*B-12902(EN)
125mm	2	10	22.23	20	Green		A	A	A					*B-12918(EN)
150mm	2.2	10	22.23	-	Green		A	A	A				SG150	*B-27202(EN)
180mm	2.2	10	22.23	-	Green		A	A	A				SG180	*B-27218(EN)
230mm	2.6	10	22.23	-	Green		A	A	A				3DDG	*B-12930(EN)
300mm	3	10	20	-	Green		A	A	A				3DDG	*B-13605(EN)
350mm	3	10	25.4	20	Green		A	A	A				3DDG	*B-13611(EN)
400mm	3	10	25.4	20	Green		A	A	A				3DDG	*B-13627(EN)

Rapide

115mm	2	10	22.23	-	Green		A	A	A					*B-12946(EN)
125mm	2	10	22.23	20	Green		A	A	A					*B-12952(EN)
150mm	2.2	10	22.23	-	Green		A	A	A				SG150	*B-27224(EN)
180mm	2.2	10	22.23	-	Green		A	A	A				SG180	*B-27230(EN)
230mm	2.6	10	22.23	-	Green		A	A	A				3DDG	*B-12968(EN)
300mm	3	10	20	-	Green		A	A	A				3DDG	*B-13633(EN)
350mm	3	10	25.4	20	Green		A	A	A				3DDG	*B-13649(EN)
400mm	3	10	25.4	20	Green		A	A	A				3DDG	*B-13655(EN)

Diamond Wheel for Concrete



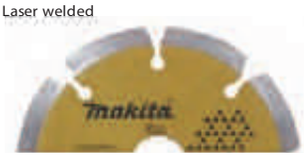


Three-star range

★★★

<Ideal for Concrete / Dry>

Laser welded



D	T	X	H	d	Color	For Material							For Model	Region A	Region C
						1	2	3	4	5	6	7		Part No.	Part No.
105	2	7	20	16	Gold	AA	AA	A	A	A			100mm Grinder, 110mm Cutter	*D-44373(EN)	-
115	2.2	7	22.23	-	Gold	AA	AA	A	A	A			115mm Grinder	*D-44389(EN)	-
125	2.2	7	22.23	-	Gold	AA	AA	A	A	A			125mm Grinder	*D-44395(EN)	-
180	2.2	7	22.23	-	Gold	AA	AA	A	A	A			180mm Grinder	*D-44404(EN)	-
230	2.4	7	22.23	-	Gold	AA	AA	A	A	A			230mm Grinder	*D-44410(EN)	-

Europe region EN standard conformity

Two-star range

★★
<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	1.8	7	20	16	Gold		AA	AA	A	A			100mm Grinder, 110mm Cutter	*A-84187(EN)	-
115	1.9	7	22.23	-	Gold		AA	AA	A	A			115mm Grinder	*A-84109(EN)	-
125	1.9	7	22.23	20	Gold		AA	AA	A	A			125mm Grinder, 125mm Cutter	*A-84115(EN)	-
150	2.1	7	22.23	-	Gold		AA	AA	A	A			150mm Grinder	*B-06432(EN)	-
180	2.3	7	25.4	22.23	Gold		AA	AA	A	A			180mm Grinder, 180mm Cutter	*A-84121(EN)	-
230	2.5	7	22.23	-	Gold		AA	AA	A	A			230mm Grinder	*A-84137(EN)	-

Two-star range

★★
<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
115	2	7	22.23	-	Blue		AA	AA	A				115mm Grinder	*D-41589(EN)	-
125	2.2	7	22.23	-	Blue		AA	AA	A				125mm Grinder	*D-41595(EN)	-
180	2.4	7	22.23	-	Blue		AA	AA	A				180mm Grinder	*D-41604(EN)	-
230	2.6	7	22.23	-	Blue		AA	AA	A				230mm Grinder	*D-41610(EN)	-

One-star range

★
<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
115	1.8	7	22.23	-	White		AA	AA	A				115mm Grinder	*D-52750(EN)	-
125	1.8	7	22.23	-	White		AA	AA	A				125mm Grinder	*D-52766(EN)	-
180	2.2	7	22.23	-	White		AA	AA	A				180mm Grinder	*D-52772(EN)	-
230	2.4	7	22.23	-	White		AA	AA	A				230mm Grinder	*D-52788(EN)	-

Corrugated

Two-star range

★★
<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2	7	20	16	Gold		AA	AA	A	A			100mm Grinder, 110mm Cutter	*A-84193(EN)	-
115	2	7	22.23	-	Gold		AA	AA	A	A			115mm Grinder	*A-84143(EN)	-
125	2.1	7	22.23	20	Gold		AA	AA	A	A			125mm Grinder, 125mm Cutter	*A-84159(EN)	-
180	2.3	7	25.4	22.23	Gold		AA	AA	A	A			180mm Grinder, 180mm Cutter	*A-84165(EN)	-
230	2.6	7	22.23	-	Gold		AA	AA	A	A			230mm Grinder	*A-84171(EN)	-

Two-star range

★★
<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
115	2.3	7	22.23	-	Blue		AA	AA	A				115mm Grinder	*D-41626(EN)	-
125	2.5	7	22.23	-	Blue		AA	AA	A				125mm Grinder	*D-41632(EN)	-
180	2.9	7	22.23	-	Blue		AA	AA	A				180mm Grinder	*D-41648(EN)	-
230	3.1	7	22.23	-	Blue		AA	AA	A				230mm Grinder	*D-41654(EN)	-

One-star range

★

<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
115	2.2	7	22.23	-	White		AA	AA	A				115mm Grinder	*D-52794(EN)	-
125	2.2	7	22.23	-	White		AA	AA	A				125mm Grinder	*D-52803(EN)	-
180	2.6	7	22.23	-	White		AA	AA	A				180mm Grinder	*D-52819(EN)	-
230	2.8	7	22.23	-	White		AA	AA	A				230mm Grinder	*D-52825(EN)	-

Segmented wave

Three-star range

★★★

<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
125	2	7.5	22.23	-	Blue		AA	AA	A	A			125mm Grinder	A-80438(EN)	-
230	2.5	7.5	22.23	-	Blue		AA	AA	A				230mm Grinder	A-80173(EN)	-

Continuous rim

Three-star range

★★★

<Ideal for Concrete & Brick / Wet>

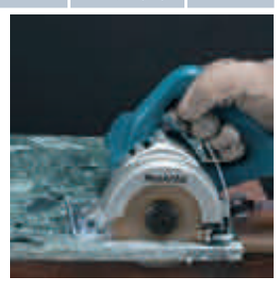


D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
125	1.9	5.5	20	-	Silver	A	AA	A	AA		A		125mm Cutter	B-21951(EN)	-

Diamond Wheel for Stone







Corrugated

Three-star range

★★★

<Ideal for Granite / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
115	2	7	22.23	-	Blue	AA	AA	AA	A	A			115mm Grinder	A-80684(EN)	-
125	2	7	22.23	-	Blue	AA	AA	AA	A	A			125mm Grinder	A-80690(EN)	-
230	2.3	7	22.23	-	Blue	AA	AA	AA	A	A			230mm Grinder	A-80715(EN)	-

Three-star range

★★★

<Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
80	1.6	3.5	20	-	Gold	AA	AA	AA	AA		AA		4103KB	B-22012(EN)	-
110	2	5	20	-	Gold	AA	AA	AA	A	A	AA		110mm Cutter	B-22034(EN)	-

Europe region EN standard conformity

Two-star range

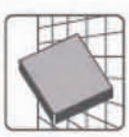
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<Ideal for Granite / Dry>

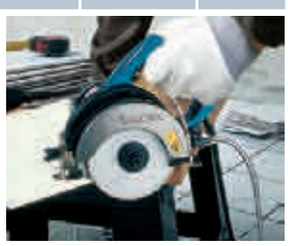


D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2	7	20	16	Silver	AA	AA	AA	A	A			100mm Grinder, 110mm Cutter	*A-84040(EN)	-
115	2	7	22.23	-	Silver	AA	AA	AA	A	A			115mm Grinder	*A-84056(EN)	-
125	2.1	7	22.23	20	Silver	AA	AA	AA	A	A			125mm Grinder, 125mm Cutter	*A-84062(EN)	-
180	2.3	7	25.4	22.23	Silver	AA	AA	AA	A	A			180mm Grinder, 180mm Cutter	*A-84078(EN)	-
230	2.6	7	22.23	-	Silver	AA	AA	AA	A	A			230mm Grinder	*A-84084(EN)	-

Diamond Wheel for Tile



Continuous rim



One-star range

★

<Ideal for Tile / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.8	5	22.23	-	White		A	A	A		AA		115mm Grinder	*D-52716(EN)	-
180	2.2	5	25.4	-	White		A	A	A		AA		Tile Cutter	*D-52722(EN)	-
200	2.2	5	25.4	-	White		A	A	A		AA		Tile Cutter	*D-52738(EN)	-
250	2.8	7	30	25.4	White		A	A	A		AA		Tile Cutter	*D-52744(EN)	-

Diamond Wheel for Glass



Corrugated



Three-star range

★★★

<Ideal for Bulletproof Glass / Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.9	6	20	-	Blue			AA	A	A	AA	AA	110mm Cutter	B-22028(EN)	-

Continuous rim

Three-star range

★★★

<Ideal for Glass / Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	Model No.	Region A Part No.	Region C Part No.
85	1.8	5	15	-	Silver						AA	AA	CC300D	B-21098(EN)	-

Russia

EAC standard conformity

EAC

Diamond Wheel for Concrete

Segmented



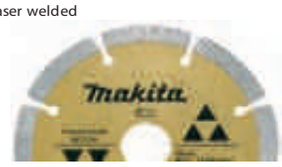


Three-star range

★★★

<Ideal for Concrete / Dry>

Laser welded



D	T	X	H	d	Color	For Material							For Model	Region A	Region C
						1	2	3	4	5	6	7		Part No.	Part No.
115	2.2	7	22.23	-	Gold	AA	AA	A	A	A			115mm Grinder	*D-41763(EAC)	-
125	2.2	7	22.23	-	Gold	AA	AA	A	A	A			125mm Grinder	*D-41779(EAC)	-
180	2.2	7	22.23	-	Gold	AA	AA	A	A	A			180mm Grinder	*D-41785(EAC)	-
230	2.4	7	22.23	-	Gold	AA	AA	A	A	A			230mm Grinder	*D-44993(EAC)	-

Two-star range

★★

<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material							For Model	Region A	Region C
						1	2	3	4	5	6	7		Part No.	Part No.
115	1.9	7	22.23	-	Gold		AA	AA	A	A			115mm Grinder	*B-28086(EAC)	-
125	1.9	7	22.23	20	Gold		AA	AA	A	A			125mm Grinder, 125mm Cutter	*B-28092(EAC)	-
150	2.1	7	22.23	-	Gold		AA	AA	A	A			150mm Grinder	*B-28101(EAC)	-
180	2.3	7	25.4	22.23	Gold		AA	AA	A	A			180mm Grinder, 180mm Cutter	*B-28117(EAC)	-
230	2.5	7	22.23	-	Gold		AA	AA	A	A			230mm Grinder	*B-28123(EAC)	-

One-star range

★

<Ideal for Concrete / Dry >



D	T	X	H	d	Color	For Material							For Model	Region A	Region C
						1	2	3	4	5	6	7		Part No.	Part No.
115	1.8	7	22.23	-	Gold	A	AA	A	A				115mm Grinder	*D-41676(EAC)	-
125	1.8	7	22.23	-	Gold	A	AA	A	A				125mm Grinder	*D-50980(EAC)	-
180	2.2	7	22.23	-	Gold	A	AA	A	A				180mm Grinder	*D-41682(EAC)	-
230	2.4	7	22.23	-	Gold	A	AA	A	A				230mm Grinder	*D-41698(EAC)	-

Corrugated

Two-star range

★★

<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material							For Model	Region A	Region C
						1	2	3	4	5	6	7		Part No.	Part No.
115	2	7	22.23	-	Gold		AA	AA	A	A			115mm Grinder	*B-28008(EAC)	-
125	2.1	7	22.23	20	Gold		AA	AA	A	A			125mm Grinder, 125mm Cutter	*B-28014(EAC)	-
180	2.3	7	25.4	22.23	Gold		AA	AA	A	A			180mm Grinder, 180mm Cutter	*B-28020(EAC)	-
230	2.6	7	22.23	-	Gold		AA	AA	A	A			230mm Grinder	*B-28036(EAC)	-

Diamond Wheel for Stone





Segmented

One-star range

★

<Ideal for Granite, Marble / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
125	2.2	10	22.23	-	Silver	AA	A	A	A				115mm Grinder	*D-51029(EAC)	-
125	2.2	10	22.23	-	Green	A	A	AA	A				125mm Grinder, 125mm Cutter	*D-51035(EAC)	-

Corrugated

Two-star range

★★

<Ideal for Granite / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
115	2	7	22.23	-	Silver	AA	AA	AA	A	A			115mm Grinder	*A-84056(EAC)	-
125	2.1	7	22.23	20	Silver	AA	AA	AA	A	A			125mm Grinder, 125mm Cutter	*A-84062(EAC)	-
180	2.3	7	25.4	22.23	Silver	AA	AA	AA	A	A			180mm Grinder, 180mm Cutter	*A-84078(EAC)	-
230	2.6	7	22.23	-	Silver	AA	AA	AA	A	A			230mm Grinder	*A-84084(EAC)	-

One-star range

★

<Ideal for Granite,Marble / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
115	2	7	22.23	-	Silver	AA	A	AA	A				115mm Grinder	*D-41707(EAC)	-
125	2.2	7	22.23	-	Silver	AA	A	AA	A				125mm Grinder	*D-50996(EAC)	-
180	2.6	7	22.23	-	Silver	AA	A	AA	A				180mm Grinder	*D-41713(EAC)	-
230	3	7	22.23	-	Silver	AA	A	AA	A				230mm Grinder	*D-41729(EAC)	-

Segmented wave

One-star range

★

<Ideal forGranite/ Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
115	2	7	22.23	-	Blue	AA	AA	A	A				115mm Grinder	*D-41735(EAC)	-
125	2.2	7	22.23	-	Blue	AA	AA	A	A				125mm Grinder	*D-51007(EAC)	-
180	2.6	7	22.23	-	Blue	AA	AA	A	A				180mm Grinder	*D-41741(EAC)	-
230	2.8	7	22.23	-	Blue	AA	AA	A	A				230mm Grinder	*D-41757(EAC)	-

Diamond Wheel for Tile

Continuous rim



One-star range

★

<Ideal for Tile / Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.8	5	20	16	Violet		AA	A	A		AA		110mm Cutter	*D-41660(EAC)	-
125	1.8	5	20	-	Violet		AA	A	A		AA		125mm Cutter	*D-51013(EAC)	-

General region

Diamond Wheel for Concrete



Segmented



Three-star range

★★★

<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
125	2	7	22.23	20	Blue		AA	AA	A	A			125mm Grinder, 125mm Cutter	A-02808	-
125	2	7	22.23	5/8''	Blue		AA	AA	A	A			5005BA, 125mm Grinder	-	A-07331
180	2	7	22.23	-	Blue		AA	AA	A	A			180mm Grinder	A-02814	-
230	2.2	7.5	22.23	-	Blue		AA	AA	A	A			230mm Grinder	A-02820	-
230	2.2	7.5	22.23	-	Gold		AA	AA	A				230mm Grinder	A-86826	-

Three-star range

★★★

<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	1.8	7	20	16	Gold		AA	AA	A	A			100mm Grinder, 110mm Cutter	A-88842	-
105	1.8	7.5	20	16	Gold		AA	AA	A				100mm Grinder, 110mm Cutter	A-87149	-
105	1.7	7	20	5/8''	Blue		AA	AA	A	A			100mm Grinder, 110mm Cutter	-	A-90211
110	1.8	6	20	-	Gold		AA	AA	A	A			110mm Cutter	A-05022	-
110	1.8	6	20	5/8''	Blue		AA	AA	A	A			100mm Grinder, 4200H	-	A-02842
105	2	10	20	16	Gold	AA	AA	A	A	A			100mm Grinder, 110mm Cutter	*B-39198	-
115	2	7	22.23	-	Gold		AA	A	A				115mmGrinder	A-88892	-
125	2	7	22.23	20	Gold		AA	A	A	A			125mm Grinder, 125mm Cutter	A-88901	-
180	2	6.5	25.4	22	Gold		AA	AA	A				180mm Grinder,180mm Cutter	A-87155	-
180	2	7	25.4	22.23	Gold		AA	A	A	A			180mm Grinder,180mm Cutter	A-87909	-
230	2.4	7	22.23	-	Gold	AA	AA	A	A	A			230mm Grinder	A-88917	-

Three-star range

★★★

<Ideal for Concrete / Dry>

Laser welded / EN standard conformity



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2	7	20	16	Gold	AA	AA	A	A	A			100mm Grinder, 110mm Cutter	*D-44373(EN)	-
115	2.2	7	22.23	-	Gold	AA	AA	A	A	A			115mm Grinder	*D-44389(EN)	-
125	2.2	7	22.23	-	Gold	AA	AA	A	A	A			125mm Grinder	*D-44395(EN)	-
180	2.2	7	22.23	-	Gold	AA	AA	A	A	A			180mm Grinder	*D-44404(EN)	-
230	2.4	7	22.23	-	Gold	AA	AA	A	A	A			230mm Grinder	*D-44410(EN)	-

Two-star range

★★

<Ideal for Concrete / Dry>
EN standard conformity



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	1.8	7	20	16	Gold		AA	AA	A	A			100mm Grinder, 110mm Cutter	*A-84187(EN)	-
115	1.9	7	22.23	-	Gold		AA	AA	A	A			115mm Grinder	*A-84109(EN)	-
125	1.9	7	22.23	20	Gold		AA	AA	A	A			125mm Grinder, 125mm Cutter	*A-84115(EN)	-
150	2.1	7	22.23	-	Gold		AA	AA	A	A			150mm Grinder	*B-06432(EN)	-
180	2.3	7	25.4	22.23	Gold		AA	AA	A	A			180mm Grinder, 180mm Cutter	*A-84121(EN)	-
230	2.5	7	22.23	-	Gold		AA	AA	A	A			230mm Grinder	*A-84137(EN)	-

General region

Two-star range

★★

<Ideal for Concrete / Dry >
Long life



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2	7	20	16	Gold		AA	AA	A	A			100mm Grinder, 110mm Cutter	*D-05197	-
115	2	7	22.23	-	Gold		AA	AA	A				115mm Grinder	*D-37552	-
125	2.2	7	20	-	Gold		AA	AA	A				125mm Cutter	*D-38261	-
125	2.2	7	22.23	-	Gold		AA	AA	A				125mm Grinder	*D-37568	-
180	2.4	7	22.23	-	Gold		AA	AA	A				180mm Grinder	*D-37574	-
230	2.6	7	22.23	-	Gold		AA	AA	A				230mm Grinder	*D-37580	-

One-star range

★

<Ideal for Concrete / Dry >



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2	7	20	16	Gold	A	AA	A	A				100mm Grinder, 110mm Cutter	*D-42531	-
105	2	10	20	16	Gold	A	AA	A	A				100mm Grinder, 110mm Cutter	*D-42634	-
105	2	10	20	16	Blue	A	AA	A	A				100mm Grinder, 110mm Cutter	*D-42612	-
115	1.8	7	22.23	-	Gold	A	AA	A	A				115mm Grinder	*D-44270	-
180	2.2	7	22.23	-	Gold	A	AA	A	A				180mm Grinder	*D-44286	-
230	2.4	7	22.23	-	Gold	A	AA	A	A				230mm Grinder	*D-44292	-

Corrugated

Three-star range

★★★

<Ideal for Concrete / Dry >



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2	10	20	16	Gold	AA	AA	A	A	A			100mm Grinder, 110mm Cutter	*B-39207	-
115	2	7	22.23	-	Silver		AA	AA	AA	A			115mmGrinder	B-02967	-
125	2	7	22.23	20	Silver		AA	AA	AA	A			125mm Grinder, 125mm Cutter	B-02973	-
180	2	7	22.23	-	Silver		AA	AA	AA	A			180mm Grinder	B-02989	-
230	2.3	7	22.23	-	Silver		AA	AA	AA	A			230mm Grinder	B-01806	-

Two-star range

★★

<Ideal for Concrete / Dry>

EN standard conformity



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2	7	20	16	Gold		AA	AA	A	A			100mm Grinder, 110mm Cutter	*A-84193(EN)	-
115	2	7	22.23	-	Gold		AA	AA	A	A			115mm Grinder	*A-84143(EN)	-
125	2.1	7	22.23	20	Gold		AA	AA	A	A			125mm Grinder, 125mm Cutter	*A-84159(EN)	-
180	2.3	7	25.4	22.23	Gold		AA	AA	A	A			180mm Grinder, 180mm Cutter	*A-84165(EN)	-
230	2.6	7	22.23	-	Gold		AA	AA	A	A			230mm Grinder	*A-84171(EN)	-

Two-star range

★★

<Ideal for Concrete / Dry >

Long life



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2	7	20	16	Gold		AA	AA	A				100mm Grinder, 110mm Cutter	*D-05206	-
115	2.3	7	22.23	-	Gold		AA	AA	A				115mm Grinder	*D-37596	-
125	2.5	7	22.23	-	Gold		AA	AA	A				125mm Grinder	*D-37605	-
180	2.9	7	22.23	-	Gold		AA	AA	A				180mm Grinder	*D-37611	-
230	3.1	7	22.23	-	Gold		AA	AA	A				230mm Grinder	*D-37627	-

One-star range

★

<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	2.2	7	20	16	Gold		AA	AA	A				100mm Grinder, 110mm Cutter	*D-42606	-
110	2.2	10	20	16	Gold		AA	AA	A				100mm Grinder, 110mm Cutter	*D-42640	-
110	2	10	20	16	Blue	A	AA	A	A				100mm Grinder, 110mm Cutter	*D-42628	-

Segmented wave

Three-star range

★★★

<Ideal for Concrete / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	1.8	7.5	20	16	Gold		AA	AA	A	A			100mm Grinder, 110mm Cutter	B-03028	-
115	2	7.5	22.23	-	Blue		AA	AA	A	A			115mm Grinder	A-80422	-
125	2	7.5	22.23	-	Blue		AA	AA	A	A			125mm Grinder	A-80438(EN)	-
180	2.2	7	22.23	-	Blue		AA	AA	A	A			180mm Grinder	A-83842	-
230	2.5	7.5	22.23	-	Blue		AA	AA	A				230mm Grinder	A-80173(EN)	-

Continuous rim

Three-star range

★★★

<Ideal for Concrete & Brick / Dry >



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
80	1.6	3.5	20	-	Gold	AA	AA	AA	AA		AA		4103KB	792192-6	-
80	1.6	3.5	20	-	Gold	AA	AA	AA	AA		AA		4103KB	B-22012(EN)	-

Three-star range

★★★

<Ideal for Concrete & Brick / Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.6	5	20	-	Gold		AA	AA	A		A		110mm Cutter	*D-05212	-
110	1.5	4	20	-	Gold	A	AA	AA	A	A	AA		110mm Cutter	A-07185	-
125	1.5	4	20	-	Silver	A	AA	A	AA		A		125mm Cutter	A-87292	-
125	1.9	5.5	20	-	Silver	A	AA	A	AA		A		125mm Cutter	B-21951(EN)	-
180	1.85	4	25	-	Gold	A	AA	AA	A	A	AA		180mm Cutter	A-80117	-

Diamond Wheel for Stone



Segmented

Three-star range

★★★
<Ideal for Granite / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
125	2	7	22.23	20	Blue	AA	AA	AA	A	A			125mm Grinder, 125mm Cutter	A-07381	-
125	2	7.5	20	-	Gold	AA	AA	AA	AA	A			4105KB	792282-5	-
125	1.9	7	22.23	20	Blue	AA	AA	AA	AA				125mm Grinder, 125mm Cutter	A-01236	-
255	2.5	7	25.4	-	Blue	AA	AA	AA	AA	A			255mm Cutter	A-02406	-

Three-star range

★★★
<Ideal for Granite / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	1.8	7	20	16	Silver	AA	AA	A	A				100mm Grinder, 110mm Cutter	*D-42656	-
105	1.7	7	20	16	Silver	AA	AA	AA	A	A			100mm Grinder, 110mm Cutter	A-84090	-
115	1.8	7	22.23	-	Silver	AA	AA	AA	A	A			115mm Grinder	A-84006	-
125	2	7	22.23	20	Silver	AA	AA	AA	A	A			125mm Grinder, 125mm Cutter	A-84012	-
180	2	6	25.4	22.23	Silver	AA	AA	AA	A	A			180mm Grinder, 180mm Cutter	A-84028	-
230	2.2	6.5	22.23	-	Silver	AA	AA	AA	A	A			230mm Grinder	A-84408	-

One-star range

★
<Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	1.8	10	20	16	Silver	AA	A	A	A				110mm Cutter	*D-44351	-
105	1.8	10	20	16	Green	A	A	AA	A				110mm Cutter	*D-44367	-

Corrugated

Three-star range

★★★
<Ideal for Granite / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
125	2	7	22.23	20	Blue	AA	AA	AA	A	A			125mm Grinder, 125mm Cutter	A-02761	-
125	2	7	22.23	5/8''	Blue	AA	AA	AA	A	A			5005BA, 125mm Grinder		A-07347
180	2	7	22.23	-	Blue	AA	AA	AA	A	A			180mm Grinder	A-02777	-

Three-star range

★★★
<Ideal for Granite / Dry>
EN standard conformity



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
115	2	7	22.23	-	Blue	AA	AA	AA	A	A			115mm Grinder	A-80684(EN)	-
125	2	7	22.23	-	Blue	AA	AA	AA	A	A			125mm Grinder	A-80690(EN)	-
180	2	7	22.23	A	Blue	AA	AA	AA	A	A			180mm Grinder	A-80709	-
230	2.3	7	22.23	-	Blue	AA	AA	AA	A	A			230mm Grinder	A-80715(EN)	-

General region

Three-star range

★★★

<Wet>
EN standard conformity



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.6	5	20	-	Gold	AA	AA	AA	A	A	AA		110mm Cutter	B-02836	-
110	2	5	20	-	Gold	AA	AA	AA	A	A	AA		110mm Cutter	B-22034(EN)	-
125	2.6	7	20	-	White	AA	AA	A	A	A	A		125mm Cutter	*B-16748(EN)	-

Two-star range

★★

<Curved Corrugated / Dry>





D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	2.5	7	20	-	Gold		A	AA	A				110mm Cutter	D-36968	-

Two-star range

★★

<Ideal for Granite / Dry>
EN standard conformity



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2	7	20	16	Silver	AA	AA	AA	A	A			100mm Grinder, 110mm Cutter	*A-84040(EN)	-
110	2	7	20	16	Silver	AA	AA	AA	A	A			100mm Grinder, 110mm Cutter	*D-42662	-
115	2	7	22.23	-	Silver	AA	AA	AA	A	A			115mm Grinder	*A-84056(EN)	-
125	2.1	7	22.23	20	Silver	AA	AA	AA	A	A			125mm Grinder, 125mm Cutter	*A-84062(EN)	-
180	2.3	7	25.4	22.23	Silver	AA	AA	AA	A	A			180mm Grinder, 180mm Cutter	*A-84078(EN)	-
230	2.6	7	22.23	-	Silver	AA	AA	AA	A	A			230mm Grinder	*A-84084(EN)	-

One-star range

★

<Ideal for Granite,Marble / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2.2	7	20	16	Silver	AA	A	AA	A				100mm Grinder, 110mm Cutter	*D-42553	
115	2	7	22.23	-	Silver	AA	A	AA	A				115mm Grinder	*D-44301	-
180	2.6	7	22.23	-	Silver	AA	A	AA	A				180mm Grinder	*D-44317	-
230	3	7	22.23	-	Silver	AA	A	AA	A				230mm Grinder	*D-44323	-

Segmented wave

Three-star range

★★★

<Concrete & Granite / Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
115	2	7.5	22.23	-	Gold	AA	AA	AA	A	A			115mm Grinder	B-02048	-
125	2	7.5	22.23	-	Gold	AA	AA	AA	A	A			125mm Grinder	B-02054	-
180	2.2	8	22.23	-	Gold	AA	AA	AA	A	A			180mm Grinder	B-02060	-
230	2.5	7.5	22.23	-	Gold	AA	AA	AA	A	A			230mm Grinder	B-02004	-

One-star range

★

<Ideal for Concrete,Granite/ Dry>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
105	2.2	7	20	16	Blue	AA	AA	A	A				100mm Grinder, 110mm Cutter	*D-42581	
115	2	7	22.23	-	Blue	AA	AA	A	A				115mm Grinder	*D-41420	-
180	2.6	7	22.23	-	Blue	AA	AA	A	A				180mm Grinder	*D-44339	-
230	2.8	7	22.23	-	Blue	AA	AA	A	A				230mm Grinder	*D-44345	-

Continuous rim

Three-star range

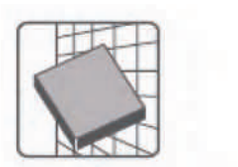
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<Ideal for Hard material / Dry >



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
80	1.4	5	20	-	Blue	AA	AA	AA	AA		AA		4103KB	A-01264	-

Diamond Wheel for Tile





Corrugated

Three-star range / ★★★

<Ideal for Porcelain Tile / Dry>

Thin type



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.3	8	20	-	Violet		A	A	A		AA		110mm Cutter	D-51057	-
115	1.3	8	22.23		Violet		A	A	A		AA		115mm Grinder	D-50893	-
180	1.6	8	22.23	-	Violet		A	A	A		AA		180mm Grinder	D-50902	-

Continuous rim

Three-star range / ★★★

<Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.5	4	20	-	Blue	AA	AA	AA	AA		AA		110mm Cutter	A-01292	-
180	1.85	4	25	-	Gold	AA	AA	AA	AA	A	AA		180mm Cutter	792191-8	-

Three-star range / ★★★

<Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.5	4	20	-	Silver	AA	AA	AA			AA		110mm Cutter	A-85210	-
110	1.5	4	20	-	Gold	A	AA	AA	A	A	AA		110mm Cutter	A-81131	-

Three-star range / ★★★

<Ideal for Marmoglass / Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.7	8	20	-	Violet						AA		110mm Cutter, 4100NH2	*D-37770	-

One-star range / ★

<Ideal for celamic tile / Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.8	5	20	16	Violet		AA	A	A		AA		110mm Cutter	*D-44258	-
180	2.2	5	25.4	-	Violet		AA	A	A		AA		180mm Cutter	*D-44264	-

Diamond Wheel for Glass





Corrugated

Three-star range / ★★★

<Ideal for Bulletproof Glass / Wet>



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	1.2	5	20	-	Violet							AA	110mm Cutter, 4100NH2	*D-40705	-
110	1.2	6	20	-	Blue			AA	A	A	AA	AA	110mm Cutter	B-00795	-
110	1.9	6	20	-	Blue			AA	A	A	AA	AA	110mm Cutter	B-22028(EN)	-

Specialized / Electroplated Diamond Wheel

for Marble



(Dry)

※D-45004 : Wet



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	2	4.5	20	-	Green			AA					110mm Cutter	*D-45004	-
115	2	5	22.23	-	Green			AA					115mm Grinder	*D-51085	-
180	2.2	5	22.23	-	Green			AA					180mm Grinder	*D-51091	-
230	2.4	5	22.23	-	Green			AA					230mm Grinder	*D-51100	-

Specialized / Vacuum brazed Diamond Wheel

Multi cut / Rescue Diamond Wheel

(Dry)



D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
110	2	5	20	16	violet	A	A	A	A				100mm Grinder, 110mm Cutter	*D-44426	-
230	3.2	5.0	22,23	-	Gold	A	A	A	A	A	A	A	230mm Grinder	A-89894	-
305	3.3	8.0	20	-	Gold	A	A	A	A	A	A	A	305mm Power Cutter	A-88808	-

Specialized for Brick

<Segmented / Dry>





D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
125	2	7.5	22.23	20	Black				AA	A			125mm Grinder, 125mm Cutter	A-02200	-
230	2.5	6.5	22.23	-	Black				AA				230mm Grinder	A-02216	-

Specialized / for Mortar raking

For Joints

<Segmented / Dry>

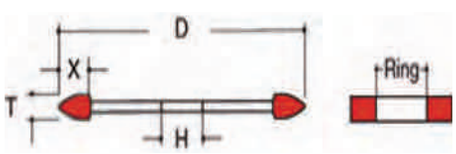


D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
125	4.5	8	22.23	-	Silver								125mm Grinder	A-02705(EN)	-

Specialized / Crack Chaser

Crack Chaser







Application	D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
Rout, Widen and Repair Cracks in Concrete!	4-1/8"	0.37"	0.49"	7/8"	5/8"	Blue		AA	AA	A	A			100mmGrinder	-	*D-09606
	105	9.5	12.5	22.23	16	Gold		AA	AA	A	A			100mmGrinder	*D-16427	-
	125	9.5	12.5	22.23	-	Gold		AA	AA	A	A			125mmGrinder	*D-16477	-

Specialized / Cordless Tools



Application	D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	Model No.	Region A Part No.	Region C Part No.
High Grade / Continuous rim / Wet	80	0.8	3	15	-	Silver						AA	AA	4190DW, 4191DW	792296-4	-
Standard / Continuous rim / Glass / Wet	85	0.9	4	15	-	Silver						AA	AA	CC300D	B-21082	A-95722
	85	1.8	5	15	-	Silver						AA	AA	CC300D	B-21098(EN)	-
	85	0.9	4	15	-	Silver			A	A		A	A	CC300D, 4190DW, 4191DW	A-01323	-
Standard / Corrugated / Glass / Dry	85	0.9	5	15	-	Gold			AA	A	A	AA	AA	CC300D, 4190DW, 4191DW	B-02995	-
Standard / Corrugated / Universal / Dry & Wet	85	1.1	5	15	-	Blue		AA	AA	A	A	AA	AA	CC300D, 4190DW, 4191DW	-	A-07353
Standard / Electrodeposited / Glass & Porcelain / Wet	85	0.8	2.2	15	-	Silver			AA			AA	AA	CC300D, 4190DW, 4191DW	A-07179	-
	85	0.8	2.2	15	-	Silver			AA			AA	AA	CC300D, 4190DW, 4191DW	-	A-07163

Specialized / Engine Power Cutter Tools

Laser Welded



Application	D	T	X	H	d	Color	For Material							Model No.	Region A	Region C
							1	2	3	4	5	6	7		Part No.	Part No.
High Grade / Segmented / Hard Concrete	300	2.8	7	25.4	20	Gold	AA	AA	AA	AA	A			305mm Power Cutter	A-87018	-
Standard / Segmented / General	300	2.8	5	25.4	20	Silver	A	AA	AA	AA				305mm Power Cutter	A-86773	-
Standard / Segmented / Concrete, Brick	304	2.8	6.5	25.4	20	Silver	A	AA	AA	AA				305mm Power Cutter	A-89349	-
Standard / Segmented / General	350	3.2	5	25.4	20	Silver	A	AA	AA	AA				355mm Power Cutter	A-87317	-

Specialized / 305mm Cutter, Engine Power Cutter Tools



Application	D	T	X	H	d	Color	For Material							Model No.	Region A	Region C
							1	2	3	4	5	6	7		Part No.	Part No.
Standard / Segemented / Concrete / Dry	305	3	7.5	30	20, 22.23, 25.4 (Ring size)	Gold		AA	AA	A	A			305mm Cutter, Power Cutter	A-02478	-
Standard / Segmented / Asphalt / Dry	305	3	7.5	30		Silver					A			305mm Cutter, Power Cutter	A-02484	-
Standard / Segmented / Concrete & Asphalt / Dry	305	3	7.5	30		Blue		AA	AA	AA	A			305mm Cutter, Power Cutter	A-02490	-

Specialized / 355mm Portable Cut-off Tools



Application	D	T	X	H	d	Color	For Material							Model No.	Region A	Region C
							1	2	3	4	5	6	7		Part No.	Part No.
Vacuum brazed / Metal	355	3.3	4	25.4	-	violet								355mm Portable Cut-off	*D-41414	*D-42597
Vacuum brazed / Metal / Speed type	355	3.3	4	25.4	-	violet								355mm Portable Cut-off	*B-29511	*A-95881

Specialized / Wall Chaser Tools

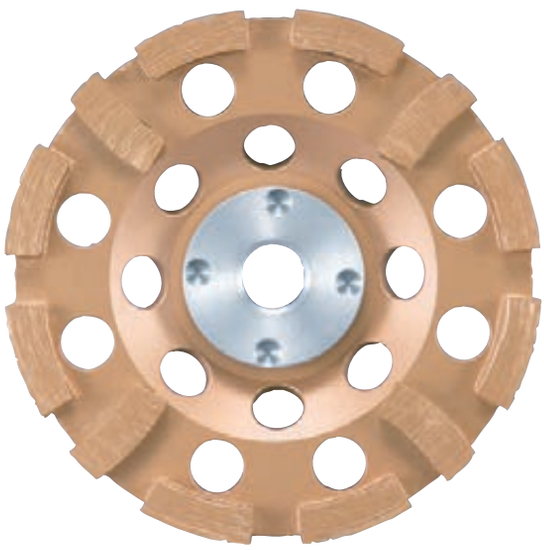


Application	D	T	X	H	d	Color	For Material							Model No.	Region A	Region C
							1	2	3	4	5	6	7		Part No.	Part No.
Segmented / Dry	125	2	7.5	22.23	-	Blue		AA	AA	A	A			SG1250	A-80438(EN)	-
Segmented / Dry	155	2	7	22.23	-	Blue		AA	AA	A	A			SG150	A-83836	-

Accessories

Low Vibration Offset Diamond Wheel









2pcs rubber rings

The 2 pcs rubber rings absorb vibration and shock as shock absorber!!

Low Vibration

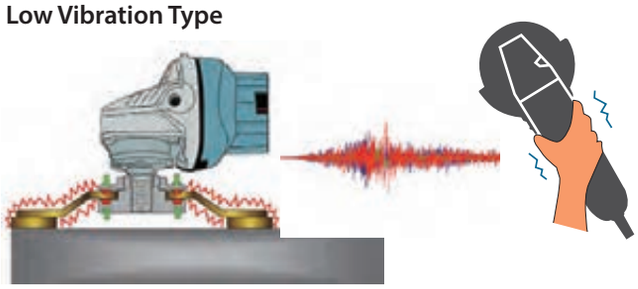
The vibration is not conducted to the worker's hand and able to ease the load a lot!!

Less Tapping

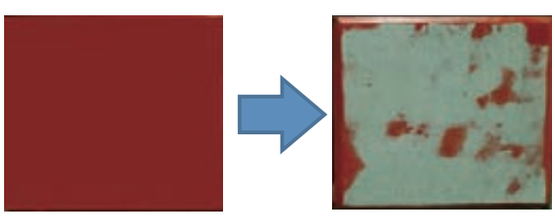
Clinging to the material and able to cut smoothly, faster and more efficient.

<Comparison of surface after 30 seconds >

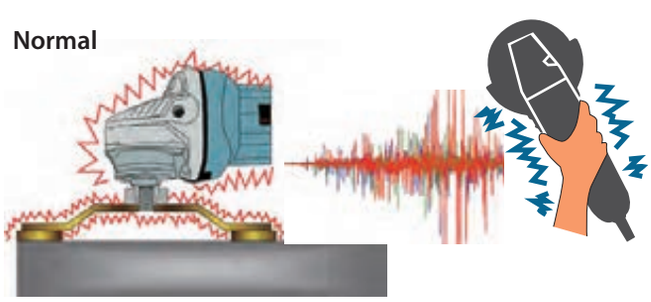
Low Vibration Type



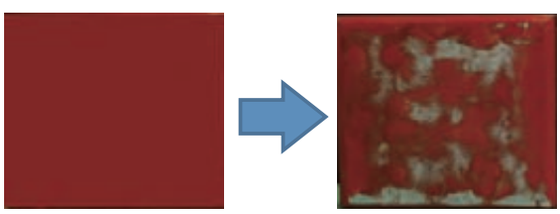
Low Vibration Type



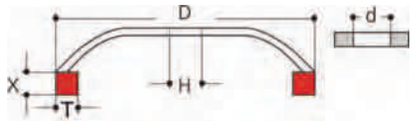
Normal



Normal



Offset Diamond Wheel





(Dry)

AA: Specially suitable, **A**: Suitable

*These items are available on request. Contact us for the minimum order quantity.

(EN) : EN13236

	Application	D	T	X	H	d	Color	For Material 1	2	3	4	5	6	7	For Model	Region A Part No.	Region C Part No.
	For general use	110	13.5	4	15	-	Blue	AA	AA	AA	A	A			PC1100	A-07369(EN)	-
	For fine finishing	110	13.5	4	15	-	Silver	AA	AA	AA	A	A			PC1100	792289-1(EN)	-
	For fine finishing	125	13.5	4	22.23	-	Gold	AA	AA	AA	A	A			PC5000, 5001C 125mm Grinder	B-12289(EN)	A-94998
	For fine finishing	125	13	5	22.23	-	Silver	AA	AA	AA	A	A			PC5000, 5001C	D-41464(EN)	-
	For coarse grinding work, For removing point	100	8	5	22.23	16	Gold	AA	AA	AA	A	A			100mm Grinder	A-87105	-
		110	8	5	15	-	Silver	AA	AA	AA	A	A			PC1100	A-86321(EN)	-
		125	8	5	22.23	-	Gold	AA	AA	AA	A	A			PC5000, 5001C 125mm Grinder	B-12295(EN)	A-95009
	For coarse grinding work, For removing point	125	7	5	22.23	-	Silver	AA	AA	AA	A	A			PC5000, 5001C	D-41458(EN)	-
	For coarse grinding work	105	4	8	22.23	-	Silver	A	AA	A	A	A			115mm Grinder	*B-14629	-
	For coarse grinding work, Low-Vibration type	125			M14	-	Gold	AA	AA	AA	A	A			125mm Grinder	B-38560(EN)	-
	Angle type	115	27.5	-	22.23	-	Gold	AA	A	A					115mm Grinder	A-87834	-
	Flat type	115	27.5	-	22.23	-	Gold	AA	A	A					115mm Grinder	A-87884	-

SDS-Plus Diamond core bit (Dry type)

SDS-Plus adapter (wtih center bit) A-87563

For Model:
SDS-PLUS hammers



M18 →

adapter for
SDS-plus hammers →

Capacity (Diameter x Depth)	Part No.
38 x 175mm	A-87535
54 x 175mm	A-87541
65 x 175mm	A-87557

Diamond core bit (Dry Type)

When drilling with diamond core bit, always use ''rotation only''.

Center bit (A-80503), Center bit shank (A-80519)

For Model:

8406, 8406C



M18 →

13mm Hex →

Capacity (Diameter x Depth)	Part No.
32 x 165mm	A-85036
38 x 165mm	A-85042
54 x 165mm	A-85058
65 x 165mm	A-85064
70 x 165mm	A-85070
80 x 165mm	A-80472
90 x 165mm	A-85086
105 x 165mm	A-80488
120 x 165mm	A-80494
127 x 165mm	A-85606
152 x 165mm	A-85597
162 x 165mm	A-85612

Diamond Core Drill Bit for Grinders





	Vacuum blazed	Electroplated
Fix	Special chemical bond	Nickel plating
Fixing strength of diamond	High	Low
Cutting material	Marble, Granite, Porcelain Tile	Marble
Precision of cutting	Middle	High

Electroplated diamond core bit





*These items are available on request.Contact us for the minimum order quantity.

For: 115mm, 125mm, 150mm,180mm, 230mm Angle Grinder

Material : Marble

Size	Spindle thread	Part No.
25mm	M14 x 2	*D-35025
30mm	M14 x 2	*D-35019
35mm	M14 x 2	*D-35003
40mm	M14 x 2	*D-37007
45mm	M14 x 2	*D-37013
Inch Size (North American Package)		
1/2''	5/8''-11	*D-37758
1-1/4''	5/8''-11	*D-36332
1-3/8''	5/8''-11	*D-36348
2''	5/8''-11	*D-37764

Vacuum Brazed diamond core bit





For: 115mm, 125mm, 150mm,180mm, 230mm Angle Grinder

Material : Granite/Marble/Porcelain Tile

Size	Spindle thread	Part No.
14mm	M14 x 2	*D-44432
16mm	M14 x 2	*D-44448
20mm	M14 x 2	*D-44454
22mm	M14 x 2	*D-44460
25mm	M14 x 2	*D-44476
27mm	M14 x 2	*D-44482
30mm	M14 x 2	*D-44498
32mm	M14 x 2	*D-44507
35mm	M14 x 2	*D-44513
38mm	M14 x 2	*D-44529
40mm	M14 x 2	*D-44535
45mm	M14 x 2	*D-44541
51mm	M14 x 2	*D-44557
55mm	M14 x 2	*D-44563
57mm	M14 x 2	*D-44579
60mm	M14 x 2	*D-44585
65mm	M14 x 2	*D-44591
67mm	M14 x 2	*D-44600
68mm	M14 x 2	*D-44616
70mm	M14 x 2	*D-44622
75mm	M14 x 2	*D-44638
80mm	M14 x 2	*D-44644
83mm	M14 x 2	*D-44650

ACCESSORIES

Planing / Routering



Planer blade (2 per pkg.)



HSS(High Speed Steel): Fine cutting surface.

TC(Tungsten Carbide): Higher durability.

Suitable for hard wood.

*These items are available on request. Contact us for the minimum order quantity.

Size (mm)	Material	Region A	Region B	Region C
		Part No.	Part No.	Part No.
For Model: 1600				
80	HSS	A-07397	-	-
For Model: 1100/N, N1900B, 1902, N1923B/H, KP0810/C, KP0800, DKP180, DKP140				
82	HSS	A-83571	-	-
82	HSS	A-07406	-	-
82	HSS	*D-16346	*D-16380	*D-17217
82	TC	793007-0	-	-
82	TC	*D-07967	*D-07939	*D-17223
For Model: 1002BA, 1911B				
110	HSS	A-07412	-	-
110	TC	793009-6	-	-
110	TC	*D-08822		*D-17245
For Model: 1804N				
136	TC	793012-7	-	-
136	HSS	A-07428	-	-
For Model: 1805N				
155	TC	793015-1	-	-
155	HSS	793013-5	-	-
For Model: 1806B				
170	HSS	793186-4	-	-
For Model: KP312/S				
312	HSS	B-02870	-	-

Mini planer blade



(2 blades per pkg.)

The blade has edges on both sides for long life.

HSS(High Speed Steel): Fine cutting surface.

TC(Tungsten Carbide): Higher durability.

*These items are available on request. Contact us for the minimum order quantity.

For Model:

1100/N, N1900B, 1902, N1923B/H, KP0810/C, KP0800, DKP180, DKP140

Size (mm)	Material	Type	Region A	Region B	Region C
			Part No.	Part No.	Part No.
82	TC		A-82921	-	-
82	TC		*D-07945	*D-07917	*D-16966
82	TC	w/ Set plate	*D-07951	*D-07923	*D-17239
82	TC	5 Sets	*D-35302	*D-09612	-
For Model: 2012NB					
306	HSS	Disposable	793346-8	-	-

Cutter blade

Carbide-tipped plate joiner blade





For Model:

3901,PJ7000, DPJ180, DPJ140

*North American Package

Blade dia. (mm)	Hole dia. (mm)	Tip thickness (mm)	Region A	Region B	Region C
			Part No.	Part No.	Part No.
100	22	4	B-20644	-	*A-95118

Drywall guide bit

A: Diamond bit





For Model:	Size	Type	Part No.
3706	3.18mm(1/8")	-	733229-0
	6.35mm(1/4")	-	733232-1
	6.35mm(1/4")	A	A-87915

Cutter blade



Dia. 120mm

For Model:

3501N

Width (mm)	Region A Part No.	Width (mm)	Region A Part No.
2.4	793021-6	12	793031-3
3	793022-4	13.5	793032-1
3.9	793024-0	15	793039-7
4.5	793025-8	16.5	793040-2
5.5	793026-6	18	793041-0
6	793027-4	21	793042-8
7.5	793028-2	30	793043-6
9	793029-0	33	793044-4
10.5	793030-5	36	793045-2

Cutter chain

A:Use with the sprocket (part No. 221502-5) & chain bar (Part No. 122235-4)

For Model:

7104L



Size(mm)	Type	Part No.
15	-	A-16564
16.5	-	A-16570
18	-	A-16586
21	-	A-16592
24	-	A-16601
30	A	A-16617

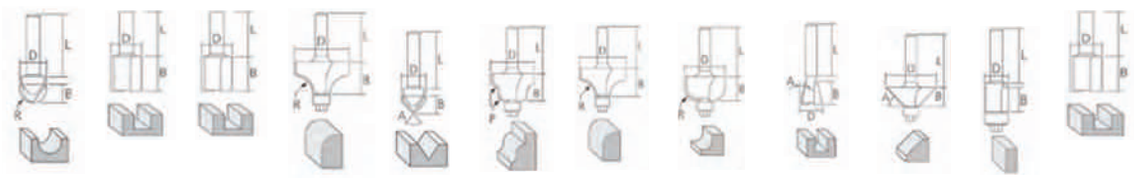
***These items are available on request. Contact us for the minimum order quantity.**

Router bit set



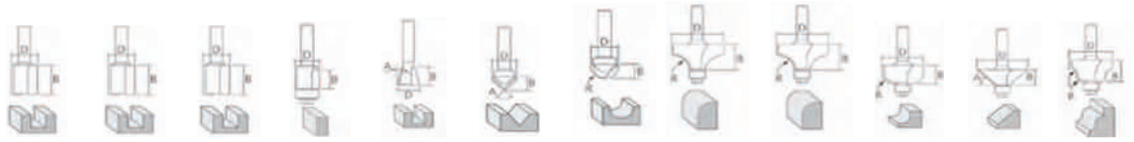






(mm)

Size	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	Part No.
8mm	D:12.7 R:6.35 B:8.8 L:29.0	D:16.0 B:20.0 L:28.0	D:6.0 B:20.0 L:25.0	D:28.6 R:9.5 B:17.0 L:25.5	D:12.7 B:9.1 A:90° L:29.0	D:25.0 R:4.0 B:16.0 L:26.5	D:22.2 R:6.3 B:13.5 L:25.0	D:22.0 R:6.3 B:12.7 L:26.5	D:12.7 B:12.7 A:14° L:29.0	D:32.0 B:12.2 A:45° L:30.0	D:12.7 B:13.0 L:29.0	D:12.0 B:20.0 L:28.0	A-88054
6mm													A-87921
1/4"													A-91051



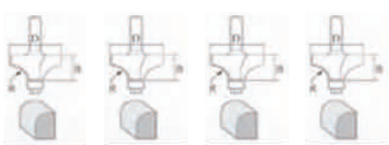
(mm)

Size	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	Part No.
8mm	D:6 B:16	D:12 B:19	D:16 B:19	D:12.7 B:13	D:12.7 B:13 A:14°	D:12.7 B:12.7 A:90°	D:12.7 R:6.35 B:10	D:25.4 R:6.35 B:13.5	D:31.8 R:9.5 B:16.7	D:31.8 R:9.5 B:14	D:31.5 B:13.5 A:45°	D:28.6 R:4 B:13	D-53556
1/4"	D:1/4" B:5/8"	D:1/2" B:3/4"	D:5/8" B:3/4"	D:1/2" B:1/2"	D:1/2" B:1/2" A:14°	D:1/2" B:1/2" A:90°	D:1/2" R:1/4" B:3/8"	D:1" R:1/4" B:17/32"	D:1-1/4" R:3/8" B:21/32"	D:1-1/4" R:3/8" B:17/32"	D:1-1/4" B:17/32 A:45°	D:1-1/8" R:5/32" B:1/2"	D-53584

(mm)





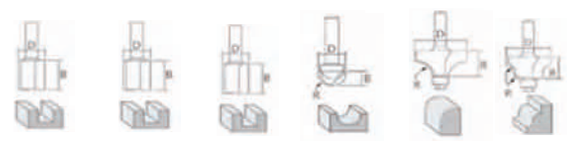


Size	#1	#2	#3	#4	Part No.
8mm	D:19 R:3.2 B:9.5	D:25.4 R:6.35 B:13.5	D:31.8 R:9.5 B:16.7	D:38.1 R:12.7 B:19	D-53534
1/4"	D:3/4" R:1/8" B:3/8"	D:1" R:1/4" B:17/32"	D:1-1/4" R:3/8" B:21/32"	D:1-1/2" R:1/2" B:3/4"	D-53562

(mm)

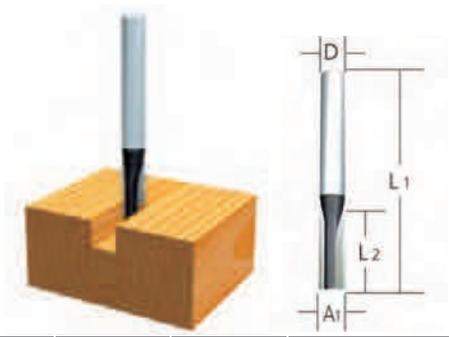






Size	#1	#2	#3	#4	#5	#6	Part No.
8mm	D:6 B:16	D:10 B:19	D:12 B:19	D:12.7 R:6.35 B:10	D:31.8 R:9.5 B:16.7	D:28.6 R:4 B:13	D-53540
1/4"	D:1/4" B:5/8"	D:3/8" B:3/4"	D:1/2" B:3/4"	D:1/2" R:1/4" B:3/8"	D:1-1/4" R:3/8" B:21/32"	D:1-1/8" R:5/32" B:1/2"	D-53578

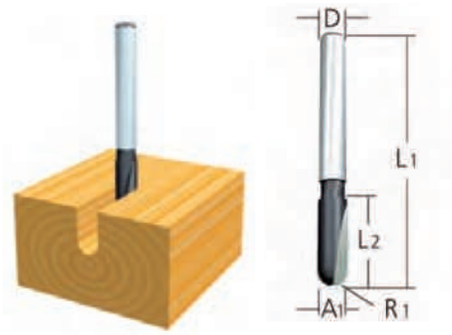
Straight bit



(mm)

D	A1	L1	L2	Part No.
6	20	50	15	*D-09313
1/4"	20	50	15	*D-15431
12	12	60	30	*D-07892
1/2"	12	60	30	*D-07901
12	10	60	25	*D-10182
1/2"	10	60	25	*D-15512
8	8	60	25	793126-2
6	8	50	18	*D-09260
1/4"	8	50	18	*D-15388
6	6	50	18	*D-09167
1/4"	6	50	18	*D-09173

'U" Grooving bit

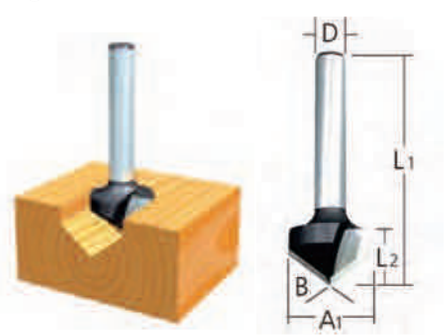


(mm)

D	A1	L1	L2	R1	Part No.
6	6	50	18	3	*D-09329

'V" Grooving bit

B:Angle



(mm)

D	A1	L1	L2	B	Part No.
1/4"	20	50	15	90	*D-15453

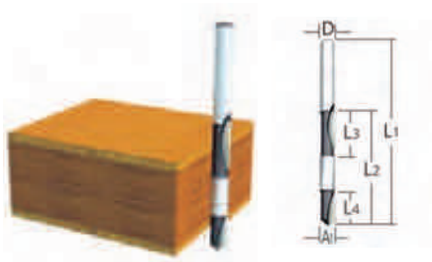
Drill point flush trimming bit



(mm)

D	A1	L1	L2	L3	Part No.
12	12	60	20	35	*D-10584
8	8	60	20	35	*D-10578
6	6	60	18	28	*D-09335

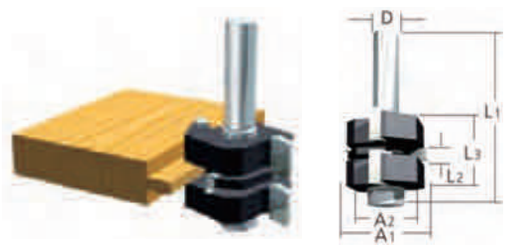
Drill point double flush trimming bit



(mm)

D	A1	L1	L2	L3	L4	Part No.
6	6	70	40	12	14	*D-09341

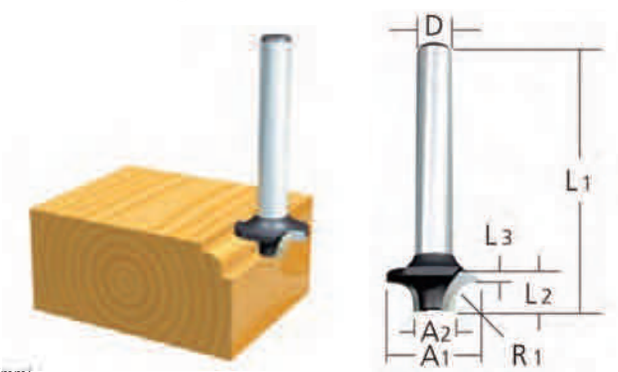
Board-jointing bit



(mm)

D	A1	A2	L1	L2	L3	Part No.
12	38	27	61	4	20	*D-12027

Corner rounding bit



(mm)

D	A1	A2	L1	L2	L3	R1	Part No.
6	25	9	48	13	5	8	*D-09363
6	20	8	45	10	4	4	*D-09357

P Chamfering bit

B:Angle





(mm)

D	A1	L1	L2	L3	B	Part No.
6	23	46	11	6	30	*D-09379
6	20	50	13	5	45	*D-09385
6	20	49	14	2	60	*D-09391

Ball bearing corner rounding bit





(mm)

D	A1	A2	L1	L2	L3	R1	Part No.
6	15	8	37	7	3.5	3	*D-09422
6	21	8	40	10	3.5	6	*D-09444
1/4"	21	8	40	10	3.5	6	*D-15475

Cove beading bit





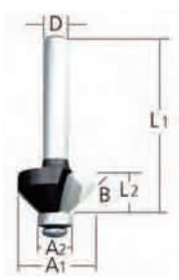
(mm)

D	A1	L1	L2	R1	Part No.
6	20	43	8	4	*D-09400
6	25	48	13	8	*D-09416

Ball bearing chamfering bit

B:Angle



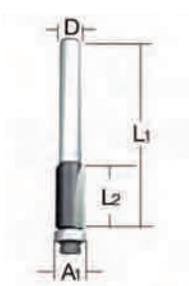


(mm)

D	A1	A2	L1	L2	B	Part No.
6	26	8	42	12	45	*D-09488
1/4"	26	8	42	12	45	*D-15506
6	20	8	41	11	60	*D-09494

Ball bearing flush trimming bit





(mm)

D	A1	L1	L2	Part No.
6	10	50	20	*D-09472
1/4"	10	50	20	*D-04313

Ball bearing cove beading bit



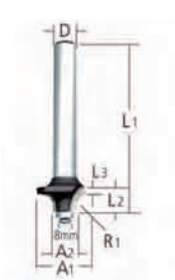


(mm)

D	A1	A2	L1	L2	L3	R1	Part No.
6	20	18	40	10	5.5	3	*D-09553
6	26	22	42	12	5	5	*D-09569

Ball bearing beading bit



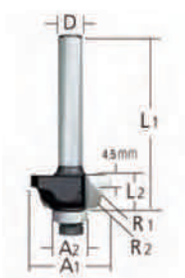


(mm)

D	A1	A2	L1	L2	L3	R1	Part No.
6	20	12	40	10	5.5	4	*D-09525
6	26	12	42	12	4.5	7	*D-09547

Ball bearing Roman Ogee bit





(mm)

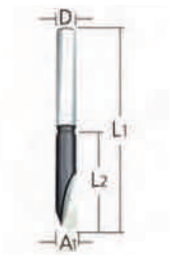
D	A1	A2	L1	L2	R1	R2	Part No.
6	20	8	40	10	2.5	4.5	*D-09575
6	26	8	42	12	3	6	*D-09581

Drill point sash router bit

For Model:

4402

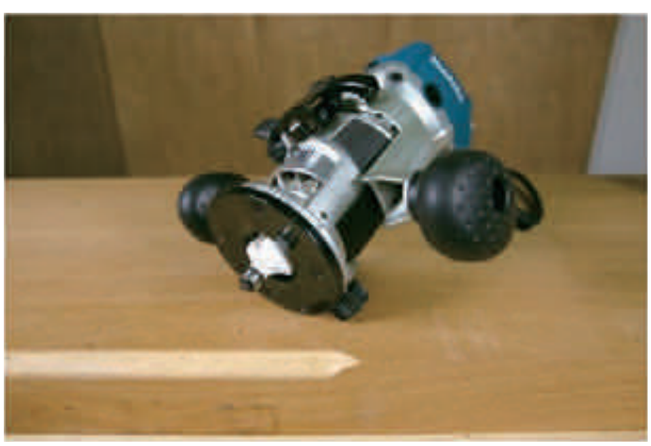




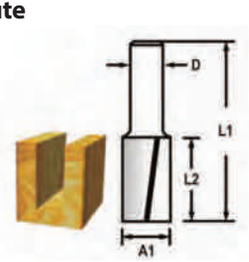
(mm)

D	A1	L1	L2	Part No.
6	6	65	18	*D-16988
1/4"	6	65	18	*D-16972

Economy type Router bit



Straight bit 2 Flute

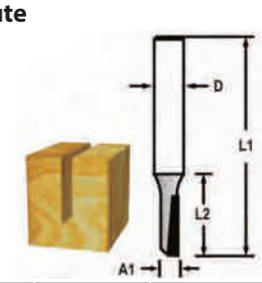




(mm)

D	A1	L1	L2	Part No.
6	6	48	16	D-47422
6	6	57	25	D-47438
6	8	51	19	D-47444
6	8	57.4	25.4	D-47450
6	10	57.4	25.4	D-47466
6	12	64	32	D-47472
6	14	51	19	D-47488
6	20	51	19	D-47494
8	6	48	16	D-47503
8	6	51	19	D-47519
8	8	51	19	D-47525
8	10	51	19	D-47531
8	12	51	19	D-47547
8	14	51	19	D-47553
8	16	51	19	D-47569
8	18	51	19	D-47575
8	20	51	19	D-47581
8	22	57.2	25.4	D-47597
8	24	57	25.4	D-47606
12	8	70	25	D-47612
12	10	70	25.4	D-47628
12	12	73	32	D-47634
12	14	73	32	D-47640
12	16	73	32	D-47656
12	19	73	32	D-47662
12	22	73	32	D-47678
12	25	73	32	D-47684
1/4"	1/4"	2-1/4"	1"	D-49052
1/4"	5/16"	2-1/4"	1"	D-49068
1/4"	3/8"	2-1/4"	1"	D-49074
1/4"	1/2"	2-1/2"	1-1/4"	D-49080
1/4"	1/4"	1-7/8"	5/8"	D-49096
1/4"	1/4"	2"	3/4"	D-49105
1/4"	5/16"	2"	3/4"	D-49111
1/4"	3/8"	2"	3/4"	D-49127
1/4"	1/2"	2"	3/4"	D-49133
1/4"	9/16"	2"	3/4"	D-49149
1/4"	5/8"	2"	3/4"	D-49155
1/4"	23/32"	2"	3/4"	D-49161
1/4"	3/4"	2"	3/4"	D-49177
1/2"	5/16"	2-3/4"	1"	D-49183
1/2"	3/8"	2-7/8"	1"	D-49199
1/2"	1/2"	2-7/8"	1-1/4"	D-49208
1/2"	9/16"	2-7/8"	1-1/4"	D-49214
1/2"	5/8"	2-7/8"	1-1/4"	D-49220
1/2"	3/4"	2-7/8"	1-1/4"	D-49236
1/2"	7/8"	2-7/8"	1-1/4"	D-49242
1/2"	1"	2-7/8"	1-1/4"	D-49258

Straight bit 1 Flute

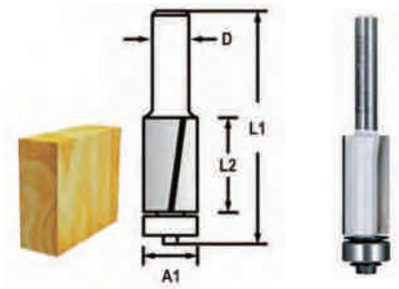




(mm)

D	A1	L1	L2	Part No.
8	3	51	13	D-47379
8	4	51	13	D-47385
8	5	48	13	D-47391
8	6	50.8	19	D-47400
6	6	50.8	19	D-47416
1/4"	1/8"	2"	1/2"	D-49002
1/4"	5/32"	2"	1/2"	D-49018
1/4"	3/16"	1-7/8"	1/2"	D-49024
1/4"	1/4"	2"	3/4"	D-49030

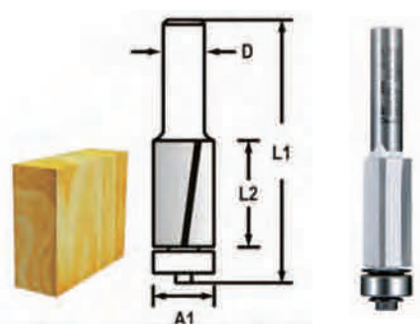
Flush Trim Bit 2 Flute



(mm)

D	A1	L1	L2	Part No.
6	9.5	66.9	26	D-47690
6	12.7	56	13	D-47709
6	12.7	68.5	26	D-47715
8	9.5	67	26	D-47721
8	12.7	55.7	13	D-47737
8	12.7	68.5	26	D-47743
1/4"	3/8"	2-5/8"	1"	D-49264
1/4"	1/2"	2-3/16"	1/2"	D-49270
1/4"	1/2"	2-11/16"	1"	D-49286

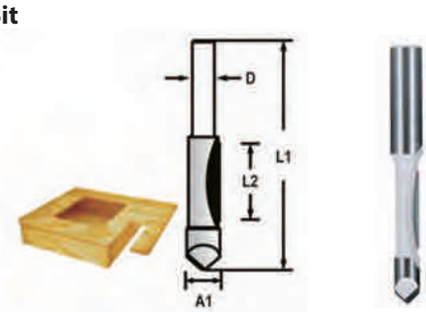
Flush Trim Bit 3 Flute



(mm)

D	A1	L1	L2	Part No.
8	12.7	68.5	26	D-47759
12	12.7	91.4	38	D-47765
1/4"	1/2"	2-11/16"	1"	D-49292
1/2"	1/2"	3-19/32"	1-1/2"	D-49301

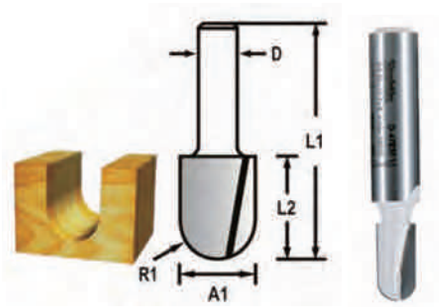
Panel Pilot Bit



(mm)

D	A1	L1	L2	Part No.
6	6.35	65	19	D-47771
8	6.35	65	19	D-47787
12	9.5	75	26	D-47793
1/4"	1/4"	2-9/16"	3/4"	D-49317
1/2"	3/8"	3"	1"	D-49323

Round Nose Bit

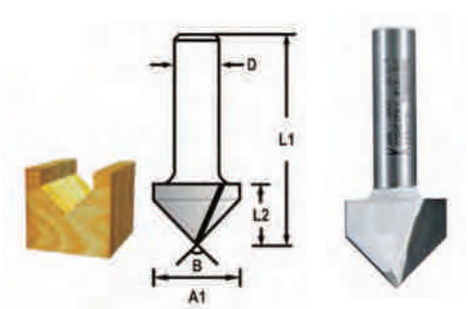


(mm)

D	A1	L1	L2	R1	Part No.
6	6.35	44.5	12.7	3.2	D-47802
6	9.5	44.5	12.7	4.8	D-47818
6	12.7	51	19	6.35	D-47824
8	6.35	44.5	12.7	3.2	D-47830
8	9.5	44.5	12.7	4.8	D-47846
8	12.7	51	19	6.35	D-47852
1/4"	1/2"	2"	3/4"	1/4"	D-49339
1/4"	1/4"	1-3/4"	1/2"	1/8"	D-49345
1/4"	3/8"	1-3/4"	1/2"	3/16"	D-49351

V Groove Bit

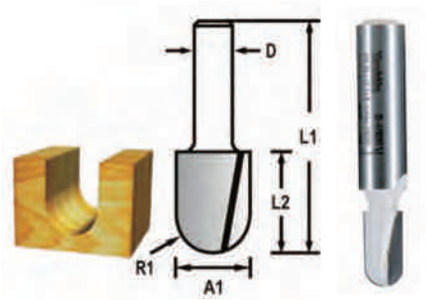
B:Angle



(mm)

D	A1	L1	L2	B	Part No.
6	12.7	44.7	12.7	90dg	D-47868
6	12.7	48	16	60dg	D-47874
6	19	47.6	16	90dg	D-47880
8	12.7	44.7	12.7	90dg	D-47896
8	15.9	44	12.7	90dg	D-47905
12	12.7	54	12.7	90dg	D-47911
12	15.9	50.8	12.7	90dg	D-47927
8	19	47.6	16	90dg	D-47933
12	19	57.3	16	90dg	D-47949
12	28.6	60.3	22.2	90dg	D-47955
8	12.7	48	16	60dg	D-47961
1/4"	1/2"	1-7/8"	5/8"	60dg	D-49367
1/4"	3/4"	1-7/8"	5/8"	90dg	D-49373
1/4"	1/2"	1-3/4"	1/2"	90dg	D-49389
1/4"	5/8"	1-3/4"	1/2"	90dg	D-49395
1/2"	1/2"	2-1/8"	1/2"	90dg	D-49404
1/2"	5/8"	2"	1/2"	90dg	D-49410
1/2"	3/4"	2-1/4"	5/8"	90dg	D-49426
1/2"	1-1/8"	2-3/8"	7/8"	90dg	D-49432

Core Box Bit

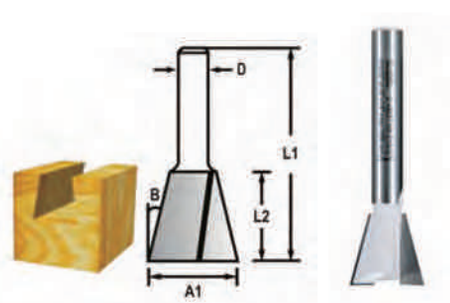


(mm)

D	A1	L1	L2	R1	Part No.
8	6.35	38.3	6.35	3.2	D-47977
8	7.9	40	8	4	D-47983
8	9.5	41.3	9.5	4.8	D-47999
8	12.7	41.5	10	6.35	D-48000
8	15.8	44.5	12.7	7.9	D-48016
12	15.8	54	12.7	7.9	D-48022
12	19	50.8	12.7	9.5	D-48038
12	25.4	57	16	12.7	D-48044
1/4"	1/4"	1-1/2"	1/4"	1/8"	D-49448
1/4"	5/16"	1-37/64"	5/16"	5/32"	D-49454
1/4"	3/8"	1-5/8"	3/8"	3/16"	D-49460
1/4"	1/2"	1-5/8"	3/8"	1/4"	D-49476
1/4"	5/8"	1-3/4"	1/2"	5/16"	D-49482
1/2"	5/8"	2-1/8"	1/2"	5/16"	D-49498
1/2"	3/4"	2"	1/2"	3/8"	D-49507
1/2"	1"	2-1/4"	5/8"	1/2"	D-49513

Dovetail Bit

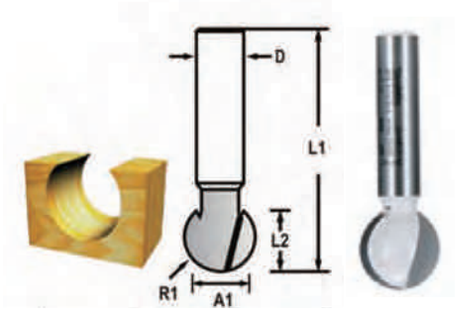
B:Angle



(mm)

D	A1	L1	L2	B	Part No.
8	6.35	63.5	8	7.5 dg	D-48050
8	9.5	40	9.5	9 dg	D-48066
8	12.7	45	13	14 dg	D-48072
8	15	52	14.3	15 dg	D-48088
12	19	63.4	22.2	7 dg	D-48094
12	25.4	64	22.2	14 dg	D-48103
1/4"	1/4"	2-1/2"	5/16"	7.5 dg	D-49529
1/4"	3/8"	1-9/16"	3/8"	9 dg	D-49535
1/4"	1/2"	1-3/4"	1/2"	14 dg	D-49541
1/4"	19/32"	2-3/64"	9/16"	15 dg	D-49557
1/2"	3/4"	2-1/2"	7/8"	7 dg	D-49563
1/2"	1"	2-1/2"	7/8"	14 dg	D-49579

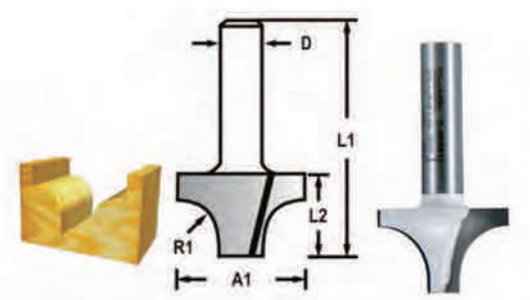
Ball Groove Bit



(mm)

D	A1	L1	L2	R1	Part No.
8	9.5	41.3	8.3	4.8	D-48119
8	12.7	44.5	11.4	6.4	D-48125
8	15.9	47.6	14.8	7.9	D-48131
8	19	50.8	18.2	9.5	D-48147
1/4"	3/8"	1-5/8"	21/64"	3/16"	D-49585
1/4"	1/2"	1-3/4"	29/64"	1/4"	D-49591
1/4"	5/8"	1-7/8"	37/64"	5/16"	D-49600
1/4"	3/4"	2"	23/32"	3/8"	D-49616

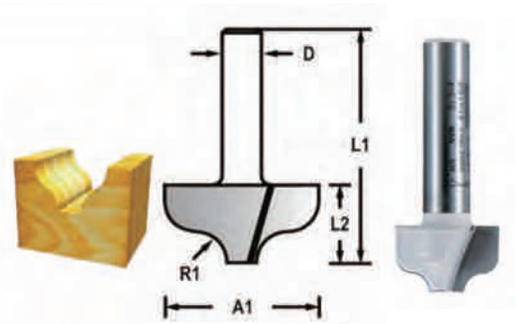
Plunge Cut Roundover Bit



(mm)

D	A1	L1	L2	R1	Part No.
8	19	44.7	12.7	6.35	D-48153
8	25.4	47.6	16	9.5	D-48169
8	38.1	60.3	28.6	12.7	D-48175
1/4"	3/4"	1-3/4"	1/2"	1/4"	D-49622
1/4"	1"	1-7/8"	5/8"	3/8"	D-49638
1/4"	1-1/2"	2-3/8"	1-1/8"	1/2"	D-49644

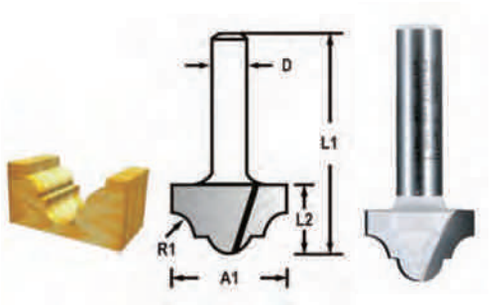
Ogee Bit



(mm)

D	A1	L1	L2	R1	Part No.
8	19	42.4	11	3.2	D-48181
8	31.3	47.9	16	6.35	D-48197
1/4"	3/4"	1-11/16"	7/16"	1/8"	D-49650
1/4"	1-15/64"	1-7/8"	5/8"	1/4"	D-49666

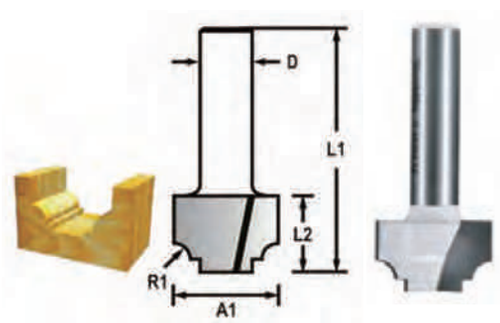
Classic Plunge Cut Bit



(mm)

D	A1	L1	L2	R1	Part No.
8	12.7	42	10	2.4	D-48206
8	19	44.7	12.7	4	D-48212
12	25.4	54	16	5.6	D-48228
12	31.8	57	19	8.7	D-48234
1/4"	1/2"	1-21/32"	3/8"	3/32"	D-49672
1/4"	3/4"	1-3/4"	1/2"	5/32"	D-49688
1/2"	1"	2-1/8"	5/8"	7/32"	D-49694
1/2"	1-1/4"	2-1/4"	3/4"	11/32"	D-49703

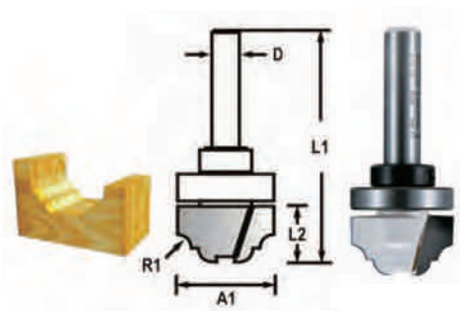
Classical Plunge Bit



(mm)

D	A1	L1	L2	R1	Part No.
8	12.7	41.5	9.5	2	D-48240
8	19	43.1	11	3.2	D-48256
1/4"	1/2"	1-5/8"	3/8"	5/64"	D-49719
1/4"	3/4"	1-11/16"	7/16"	1/8"	D-49725

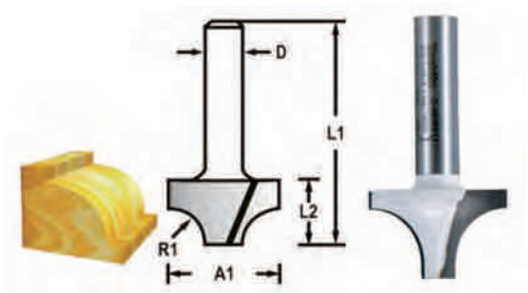
Classical Plunge Cut - Top Bearing -



(mm)

D	A1	L1	L2	R1	Part No.
8	22	54	13	3.2	D-48262
1/4"	7/8"	2-1/8"	1/2"	1/8"	D-49731

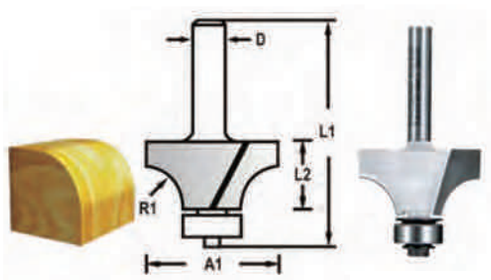
Ovolo Bit



(mm)

D	A1	L1	L2	R1	Part No.
6	19	42.5	9.5	3.2	D-48278
6	25.4	45.5	13.5	6.35	D-48284
1/4"	3/4"	1-11/16"	3/8"	1/8"	D-49747
1/4"	1"	1-13/16"	17/32"	1/4"	D-49753

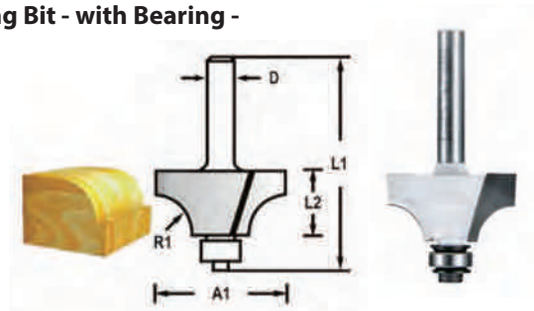
Roundover Bit - with Bearing -



(mm)

D	A1	L1	L2	R1	Part No.
6	19	53.4	9.5	3.2	D-48290
6	20.6	58.6	10	4	D-48309
6	25.4	56.5	13.5	6.35	D-48315
6	28.6	57.3	14.5	7.9	D-48321
6	31.8	59.7	16.7	9.5	D-48337
8	17.3	51	8	2.3	D-48343
8	19	53.4	9.5	3.2	D-48359
8	20.7	52.3	10	4	D-48365
8	22.2	55	12.7	4.8	D-48371
8	25.4	56.5	13.5	6.35	D-48387
8	28.6	57.3	14.5	7.9	D-48393
8	31.8	59.7	16.7	9.5	D-48402
8	38.1	62	19	12.7	D-48418
12	50.8	76.2	25.4	19	D-48424
1/4"	3/4"	2-1/8"	3/8"	1/8"	D-49769
1/4"	7/8"	2-5/32"	1/2"	3/16"	D-49775
1/4"	1"	2-1/4"	17/32"	1/4"	D-49781
1/4"	1-1/8"	2-1/4"	9/16"	5/16"	D-49797
1/4"	1-1/4"	2-5/16"	21/32"	3/8"	D-49806
1/4"	1-1/2"	2-7/16"	3/4"	1/2"	D-49812
1/2"	2"	2-15/16"	1"	3/4"	D-49828

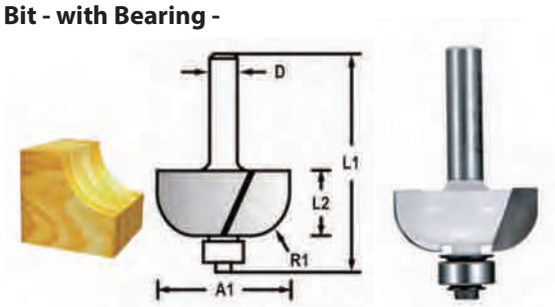
Beading Bit - with Bearing -



(mm)

D	A1	L1	L2	R1	Part No.
6	17	49.1	8	2.3	D-48430
6	19	51.6	9.5	3.2	D-48446
6	20.3	50.5	10	4	D-48452
6	22.2	53.2	12.7	4.8	D-48468
6	28.6	55.5	14.5	7.9	D-48474
8	17.3	49.1	8	2.3	D-48480
8	19	51.6	9.5	3.2	D-48496
8	20.7	50.5	10	4	D-48505
8	22.2	53.2	13	4.8	D-48511
8	25.4	54.7	13.5	6.35	D-48527
8	28.6	55.5	14.5	7.9	D-48533
8	31.8	57.9	17	9.5	D-48549
8	38.1	60.2	19	12.7	D-48555
12	50.8	74.5	25.4	19	D-48561
1/4"	3/4"	2-1/32"	3/8"	1/8"	D-49834
1/4"	7/8"	2-1/8"	1/2"	3/16"	D-49840
1/4"	1"	2-5/32"	17/32"	1/4"	D-49856
1/4"	1-1/8"	2-3/16"	9/16"	5/16"	D-49862
1/4"	1-1/4"	2-9/32"	21/32"	3/8"	D-49878
1/4"	1-1/2"	2-3/8"	3/4"	1/2"	D-49884
1/2"	2"	2-61/64"	1"	3/4"	D-49890

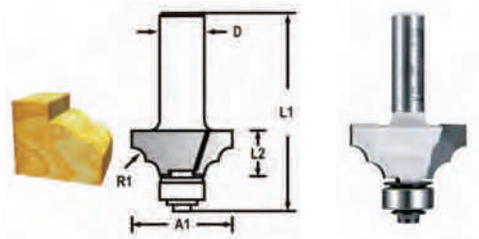
Cove Bit - with Bearing -



(mm)

D	A1	L1	L2	R1	Part No.
8	15.9	49.2	6.35	1.6	D-48583
8	17.5	49	6.35	2.4	D-48599
8	19	45.6	9.7	3.2	D-48608
8	22.2	55.6	12.7	4.8	D-48614
8	28.6	55.5	12.7	7.9	D-48620
8	31.8	56	14	9.5	D-48636
8	38.1	58.3	15.4	12.7	D-48642
1/4"	5/8"	1-15/16"	1/4"	1/16"	D-49915
1/4"	11/16"	1-15/16"	1/4"	3/32"	D-49921
1/4"	3/4"	1-13/16"	3/8"	1/8"	D-49937
1/4"	7/8"	2-3/16"	1/2"	3/16"	D-49943
1/4"	1-1/8"	2-3/16"	1/2"	5/16"	D-49959
1/4"	1-1/4"	2-13/64"	17/32"	3/8"	D-49965
1/4"	1-1/2"	2-5/16"	5/8"	1/2"	D-49971

Double Roundover Bit

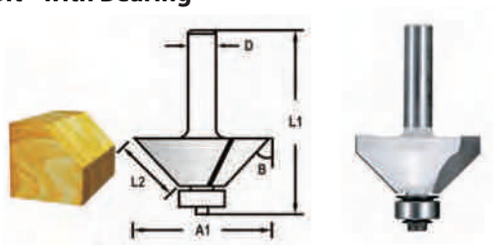


(mm)

D	A1	L1	L2	R1	Part No.
8	28.6	50.8	12.7	4	D-48577
1/4"	1-1/8"	2"	1/2"	5/32"	D-49909

Chamfer Bit - with Bearing -

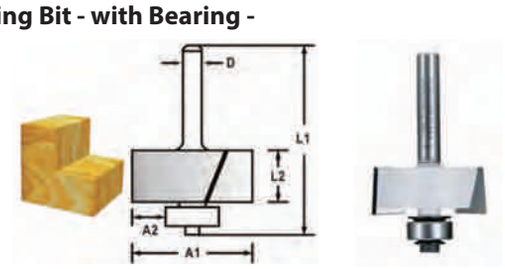
B:Angle



(mm)

D	A1	L1	L2	B	Part No.
6	25.4	51	11	45dg	D-48658
6	22.2	56.1	12.7	25dg	D-48664
8	30.2	54.5	12.7	45dg	D-48670
8	31.8	55.1	13.5	45dg	D-48686
8	34.9	58.8	16	45dg	D-48692
8	41.3	58.9	20	45dg	D-48701
12	44.5	68.6	22.6	45dg	D-48717
12	50.8	70.9	27	45dg	D-48723
1/4"	1"	2"	3/8"	45dg	D-49987
1/4"	7/8"	2-3/16"	1/2"	25dg	D-49993
1/4"	1-3/16"	2-1/8"	1/2"	45dg	D-50005
1/4"	1-1/4"	2-11/64"	17/32"	45dg	D-50011
1/4"	1-3/8"	2-5/16"	5/8"	45dg	D-50027
1/4"	1-5/8"	2-5/16"	13/16"	45dg	D-50033
1/2"	1-3/4"	2-11/16"	29/32"	45dg	D-50049
1/2"	2"	2-13/16"	1-1/16"	45dg	D-50055

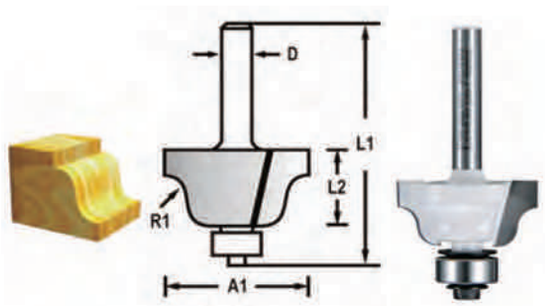
Rabbeting Bit - with Bearing -



(mm)

D	A1	A2	L1	L2	Part No.
8	31.8	9.5	54.6	12.2	D-48739
12	31.8	9.5	60.8	12.2	D-48745
1/4"	1-1/4"	3/8"	2-1/8"	1/2"	D-50061
1/2"	1-1/4"	3/8"	2-3/16"	1/2"	D-50077

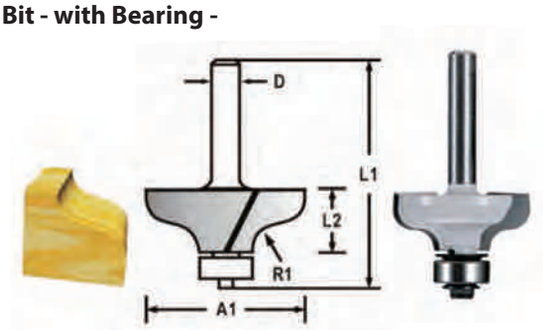
Roman Ogee Bit - with Bearing -



(mm)

D	A1	L1	L2	R1	Part No.
6	25.4	52.5	9.5	3.2	D-48804
6	28.6	55.3	13	4	D-48810
8	28.6	55.3	13	4	D-48751
8	38.1	60	17.5	6.35	D-48767
1/4"	1-1/8"	2-11/64"	1/2"	5/32"	D-50083
1/4"	1-1/2"	2-3/8"	11/16"	1/4"	D-50099

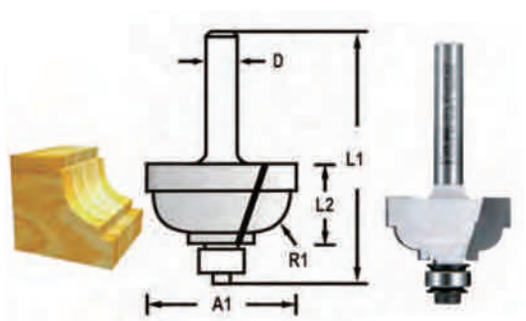
Ogee Bit - with Bearing -



(mm)

D	A1	L1	L2	R1	Part No.
8	31.8	55.6	12.7	4.8	D-48773
8	38.1	58.9	16	6.35	D-48789
1/4"	1-1/4"	2-3/16"	1/2"	3/16"	D-50108
1/4"	1-1/2"	2-5/16"	5/8"	1/4"	D-50114

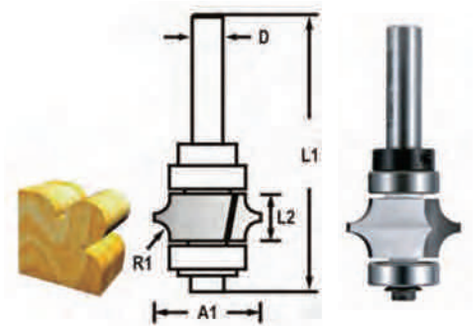
Cove with Fillet Bit - with Bearing -



(mm)

D	A1	L1	L2	R1	Part No.
6	25.4	53.7	12.7	4.8	D-48795
1/4"	1"	2-3/16"	1/2"	3/16"	D-50120

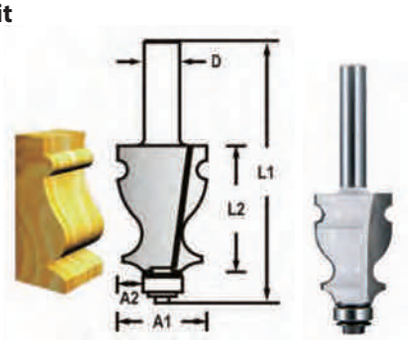
Full Bead Bit



(mm)

D	A1	L1	L2	R1	Part No.
8	25.4	61.2	13	4.8	D-48826
1/4"	1"	2-13/32"	1/2"	3/16"	D-50136

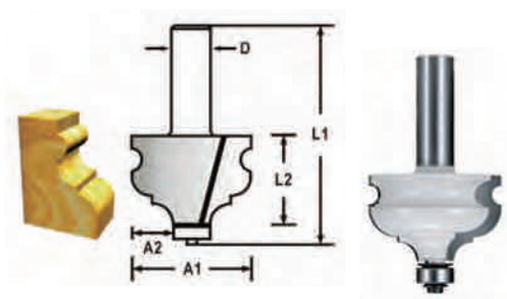
Fish Handrail Bit



(mm)

D	A1	A2	L1	L2	Part No.
8	19	4.7	67.1	26	D-48832
12	28.6	7.9	90.2	41	D-48848
1/4"	3/4"	3/16"	2-5/8"	1"	D-50142
1/2"	1-1/8"	5/16"	3-17/32"	1-5/8"	D-50158

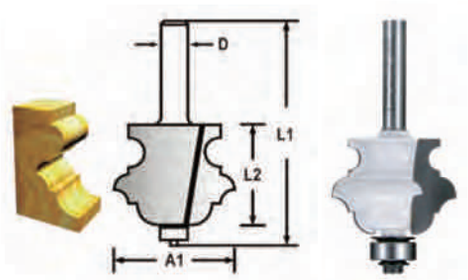
Cove Moulding Bit



(mm)

D	A1	A2	L1	L2	Part No.
12	44.5	15.9	79.2	28.6	D-48854
1/2"	1-3/4"	5/8"	3-1/8"	1-1/8"	D-50164

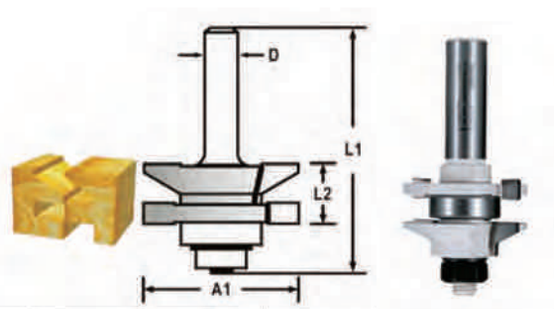
Multi Edge Beading Bit



(mm)

D	A1	A2	L1	L2	Part No.
8	34.9	11.1	69.4	26	D-48860
12	57.2	22.2	102.6	47.5	D-48876
1/4"	1-3/8"	—	2-3/4"	1"	D-50170
1/2"	2-1/4"	—	4"	1-7/8"	D-50186

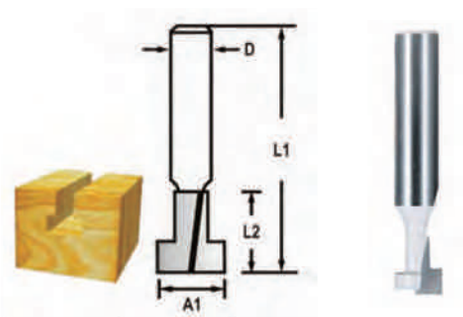
Reversible Rail & Stile Bit



(mm)

D	A1	L1	L2	Part No.
12	41	78.5	23.4	D-48882
12	41	78.5	23.4	D-48898
1/2"	1-5/8"	3-3/32"	29/32"	D-50192
1/2"	1-5/8"	3-3/32"	29/32"	D-50201

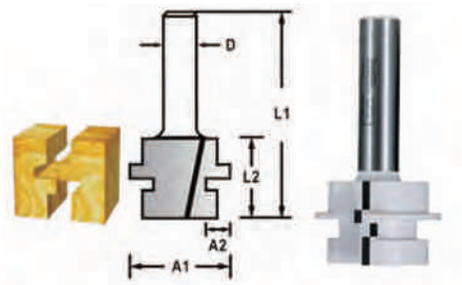
Keyhole Bit



(mm)

D	A1	L1	L2	Part No.
8	9.5	48	10.5	D-48907
1/4"	3/8"	1-7/8"	13/32"	D-50217

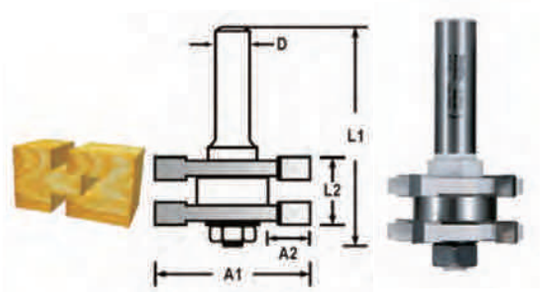
Reversible Glue Joint Bit - Straight Profile -



(mm)

D	A1	A2	L1	L2	Part No.
8	30.1	6.35	57.2	25.4	D-48913
12	41.3	7.9	76.2	25.4	D-48929
1/2"	1-5/8"	5/16"	3"	1"	D-50223

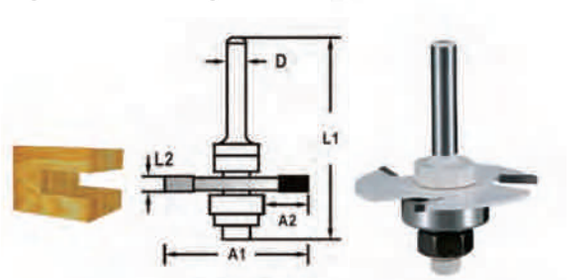
Tongue & Groove Assembly



(mm)

D	A1	A2	L1	L2	Part No.
12	41	8.5	71	19	D-48935
1/2"	1-39/64"	11/32"	2-51/64"	3/4"	D-50239

Slotting Cutter - 3 Wing Slot Cutter -



(mm)

D	A1	A2	L1	L2	Part No.
8	47.6	12.7	59	2	D-48941
8	47.6	12.7	59	2.5	D-48957
8	47.6	12.7	59	3	D-48963
8	47.6	12.7	59	4	D-48979
8	47.6	12.7	59	5	D-48985
8	47.6	12.7	59	5.5	D-48991
1/4"	1-7/8"	1/2"	2-5/16"	5/64"	D-50245
1/4"	1-7/8"	1/2"	2-5/16"	3/32"	D-50251
1/4"	1-7/8"	1/2"	2-5/16"	1/8"	D-50267
1/4"	1-7/8"	1/2"	2-5/16"	5/32"	D-50273
1/4"	1-7/8"	1/2"	2-5/16"	3/16"	D-50289
1/4"	1-7/8"	1/2"	2-5/16"	7/32"	D-50295

ACCESSORIES

Outdoor Power Equipment



Accessories

Guide Bar / Saw Chain / Guide Bar Cover

91VG: The chain 91VG is replaced by 91 PX

90SG: The chain 90SG is replaced by 90PX

Cutter type: MC : Micro chisel, SC: Semi chisel, FC: Full chisel

*Carving bar, **Sprocket nose bar

Electric Chain Saws















Model No.	Guide Bar		Saw Chain						Bar Cover Part No.	File diameter, 1st half of top plate	File diameter 2nd half of top plate
	Bar length	Part No.	No.of drive links	gauge	pitch	Cutter type		Saw Chain Part No.			
UC120D, DUC121, DUC122	16cm/6-1/4"	158476-6	42	1.3mm/0.050"	1/4"	25AP	MC	791284-8	416311-7	4.0mm	4.0mm
BUC250, DUC252, UC250D	25cm/10"	*168407-7	60	1.3mm/0.050"	1/4"	25AP	MC	194098-8	452093-7	4.0mm	4.0mm
		**168408-5	40		3/8"	91VG	CC	194099-6			
						91PX	CC	196205-9			
BUC300, DUC302, UC300D	30cm/12"	165245-8	46	1.1mm/0.043"	3/8"	90SG	CC	531 290 046	419288-5	4.5mm	4,0mm
UC3020A, UC3040A, UC3041A	30cm/12"	165245-8	46	1.1mm/0.043"	3/8"	90SG	CC	531 290 046	419288-5	4.5mm	4,0mm
		165200-0		1.3mm/0.050"		91VG		528 092 646		4.0mm	
						91PX		196211-4			
UC3520A, UC3540A, UC3541A	35cm/14"	165246-6	52	1.1mm/0.043"	3/8"	90SG	CC	531 290 052	419288-5	4.5mm	4,0mm
		165201-8		1.3mm/0.050"		91VG		528 092 652		4.0mm	
						91PX		196212-2			
UC4020A, UC4040A, UC4041A	40cm/16"	165247-4	56	1.1mm/0.043"	3/8"	90SG	CC	531 290 056	419242-9	4.5mm	4,0mm
		165202-6		1.3mm/0.050"		91VG		528 092 656		4.0mm	
						91PX		196213-0			
UC3030A, UC3050A, UC3051A	30cm/12"	165200-0	46	1.3mm/0.050"	3/8"	91VG	CC	195303-6	419288-5	4.0mm	4.0mm
						91PX		196211-4			
UC3530A, UC3550A, UC3551A	35cm/14"	165201-8	52	1.3mm/0.050"	3/8"	91VG	CC	195304-4	419288-5	4.0mm	4.0mm
						91PX		196212-2			
UC4030A, UC4050A, UC4051A	40cm/16"	165202-6	56	1.3mm/0.050"	3/8"	91VG	CC	195305-2	419242-9	4.0mm	4.0mm
						91PX		196213-0			
UC4530A, UC4550A, UC4551A	45cm/18"	165390-9	62	1.3mm/0.050"	3/8"	91VG	CC	195306-0	419242-9	4.0mm	4.0mm
						91PX		196214-8			
5012B	30cm/12"	164533-0	45	1.3mm/0.050"	3/8"	91VG	CC	791172-9	410054-3	4.0mm	4.0mm
						91PX		196221-1			

Accessories

Guide Bar / Saw Chain / Guide Bar Cover

*Carving bar, **Sprocket nose bar

Petrol Chain Saws



Model No.	Guide Bar		Saw Chain						Bar Cover Part No.	File diameter, 1st half of top plate	File diameter 2nd half of top plate
	Bar length	Part No.	No.of drive links	gauge	pitch	Cutter type		Saw Chain Part No.			
EY2650H, EY401MP	25cm/10"	195695-7	39	1.3mm/0.050"	3/8"	91VXL	CC	196142-7	452093-7	4.0mm	4.0mm
EY400MP	25cm/10"	6013089400	39	1.1mm/0.043"	3/8"	90SG	CC	6013089410	6013089421	4.5mm	4.0mm
DCS232T, DCS230T, DCS231T	25cm/10"	*168407-7	60	1.3mm/0.050"	1/4"	25AP	MC	194098-8	452093-7	4.0mm	4.0mm
	25cm/10"	**168408-5	40	1.3mm/0.050"	3/8"	91VG	CC	194099-6	452093-7	4.0mm	4.0mm
						91PX		196205-9			
DCS330TH, DCS3400TH,DCS3410TH	25cm/10"	442 025 661	40	1.3mm/0.050"	3/8"	91VG	CC	194099-6	952 010 630	4.0mm	4.0mm
						91PX		196205-9			
	30cm/12"	442 030 661	46			91VG		528 092 646			
						91PX		196211-4			
	35cm/14"	442 035 661	52			91VG		528 092 652			
						91PX		196212-2			
EA3201S, EA3200S, EA3203S EA3202S, EA3501S, EA3500S, EA3503S, EA3502S, EA3601F, EA3600F	30cm/12"	165245-8	46	1.1mm/0.043"	3/8"	90SG	CC	713049-8	419559-0	4.5mm	4,0mm
	35cm/14"	165246-6	52					713050-3	419559-0		
	40cm/16"	165247-4	56					531 290 056	419560-5		
	30cm/12"	442 030 661	46	1.3mm/0.050"		91PX	CC	196211-4	952 010 630	4.0mm	4,0mm
	35cm/14"	442 035 661	52					196212-2	952 010 630		
	40cm/16"	165202-6	56					196213-0	952 010 640		
DCS3400,DCS3410	30cm/12"	442 030 661	46	1.3mm/0.050"	3/8"	91VG	CC	528 092 646	952 010 630	4.0mm	4.0mm
						91PX		196211-4			
	35cm/14"	442 035 661	52			91VG		528 092 652			
						91PX		196212-2			
DCS33,DCS34,DCS330/S, DCS340,DCS341,DCS344, DCS390,DCS400,DCS401, DCS3500,DCS3501	30cm/12"	442 030 661	46	1.3mm/0.050"	3/8"	91VG	CC	528 092 646	952 010 630	4.0mm	4.0mm
						91PX		196211-4			
	35cm/14"	442 035 661	52			91VG		528 092 652			
						91PX		196212-2			
	40cm/16"	165202-6	56			91VG	CC	195305-2	952 010 640		
						91PX		196213-0			
EA3500F	35cm/14"	442035061	52	1,3mm/0,050"	3/8"	91PX	CC	531492652	952 010 630	4,0mm	4,0mm
	40cm/16"	442040061	56					531492656	952 020 640		
DCS410,DCS411, DCS4300,DCS4301	33cm/13"	444 033 141	56	1.3mm/0.050"	.325"	95VP	MC	532 484 056	952 010 640	4.8mm	4.5mm
	38cm/15"	444 038 141	64					532 484 064	952 010 640		
	45cm/18"	444 045 141	72					532 484 072	952 020 640		
EA4300F, EA4301F	33cm/13"	444033141	56	1,3mm/0,050"	.325"	95VP	CC	-	952 010 630	4,8mm	4,5mm
	38cm/15"	444038141	64					-	952 020 640		
	45cm/18"	444045141	72					-	952 010 640		
EA500F, EA5001F	38cm/15"	445038631	64	1,5mm/0,058"	.325"	21LP	FC	514686664	952 020 640	4,8mm	4,5mm
	45cm/18"	445045631	72					514686672	952 010 640		
	38cm/15"	-	56		3/8"	73LP	FC	528099656	952 020 640	5,5mm	4,8mm
	45cm/18"	-	64					528099664	952 010 640		

Accessories

Model No.	Guide Bar		Saw Chain						Bar Cover Part No.	File diameter, 1st half of top plate	File diameter 2nd half of top plate
	Bar length	Part No.	No.of drive links	gauge	pitch	Cutter type		Saw Chain Part No.			
DCS6400,DCS6401, DCS6400H,DCS7300, DCS7300H,DCS7301, DCS7900,DCS7900H, DCS7901	45cm/18"	445 045 655	68	1.5mm/0.058"	3/8"	73LP	FC	528 099 668	952 020 650	5.5mm	4.8mm
	50cm/20"	445 050 655	72					528 099 672	952 020 650		
	60cm/24"	445.060.655	84					528 099 684	952 020 660		
	70cm/28"	455.070.455	94					528 099 694	952 030 680		
DCS43, DCS430,DCS431, DCS4300i, DCS460,DCS461, DCS4600S/SH, DCS500,DCS501, DCS5000,DCS5001, DCS5000H,DCS5001H, DCS52, DCS520, DCS5200,DCS5200i, DCS6000i,DCS6800i	33cm/13"	445 033 631	56	1.5mm/0.058"	.325"	21BP	MC	528 086 656	952 010 630	4.8mm	4.5mm
	38cm/15"	445 038 631	64					528 086 664	952 010 640		
	45cm/18"	445 045 631	72					528 086 672	952 020 640		
	33cm/13"	445 033 631	56	1.5mm/0.058"	.325"	21LP	FC	534 686 056	952 010 640	4.8mm	4.5mm
	38cm/15"	445 038 631	64					534 686 064	952 010 640		
	45cm/18"	445 045 631	72					534 686 072	952 020 640		
	38cm/15"	443 038 651	56	1.5mm/0.058"	3/8"	73DP	SC	523.093.656	952 010 640	5.5mm	4.8mm
	45cm/18"	443 045 651	64					523.093.664	952 020 640		
	53cm/21"	443.053.651	72					523.093.672	952 020 650		
	38cm/15"	443 038 651	56	1.5mm/0.058"	3/8"	73LP	FC	528 099 656	952 010 640	5.5mm	4.8mm
	45cm/18"	443 045 651	64					528 099 664	952 020 640		
	53cm/21"	443.053.651	72					528 099 672	952 020 650		
EA7300P, EA7301P, EA7900P, EA7901P	38cm/15"	445038655	60	1,5mm/0,058"	3/8"	73LP	FC	528099660	952 020 640	5,5mm	4,8mm
	43cm/17"	-	64					528099664	952 010 640		
	45cm/18"	445045655	68					528099668	952 010 640		
	50cm/20"	445050655	72					528099672	952 020 650		
	60cm/24"	445060555	84					528099684	952 020 660		
	45cm/18"	445045455	68					528099668	952 010 640		
	50cm/20"	445050455	72					528099672	952 020 650		
	60cm/24"	445060455	84					528099684	952 020 660		
	70cm/28"	445070455	94					528099694	952 030 670		
DCS9000,DCS9010	50cm/20"	443 050 652	72	1.5mm/0.058"	3/8"	73LP	FC	528 099 672	952 020 650	5.5mm	4.8mm
	60cm/24"	443 060 652	80					528 099 680	952 020 660		
	74cm/29"	443 074 452	96					528 099 696	952 030 680		





Accessories

String trimmer head

(for grass, light weeds)

Eylet 2pcs/set for B&F4L/4R/Z5L, Ultra Auto 4R/4L/6L Part No. A-15992

* with adapter

Description	Ref.	Arbore size	Model No.	Part No.
Manual 	-	M12	RST200, RST210, RST250, BBC231U, BBC300L, BC231UD, BC300LD, DBC260L/U, EBH250L/U, EBH251L/U, EM4250/4251, RBC2110, RBC2500, RBC2510, RBC3100, RBC3101, BCM2310, BCM2600, BCM2610, BCM3300, BCM3310, EBH252L/U, UX361D, EM400MP, EM401MP, BUX361, EBH252L/U, EBH253L/U, EBS260L/U, EM2650L/U, EM2651L/U	B-02951
Bump & Feed 	B&F 4R	M8x1.25RH	RST200, RST210, RST250, ER2550L, ER2650L	A-89137
	B&F 4R	M8x1.25RH	BUR360, BUR360D	195961-8
	B&F 4L	M8x1.25LH	RBC2110, DBC260L/U, EBH250L/U, EBH251L/U, EM4250/4251, RBC2110, RBC2500, RBC2510, RBC3100, RBC3101	A-89121
		M10x1.25LH	BBC231U, BBC300L, BC231UD, BC300LD, BCM2310, BCM2600, BCM2610, BCM3300, BCM3310, UX361D, EM400MP, EM401MP, BUX361, EBH252L/U, EBH253L/U, EBS260L/U, EM2650L/U, EM2651L/U	195149-0
	B&F Z5L	M8x1.25LH	DBC260L/U, EBH250L/U, EBH251L/U, EM4250/4251, RBC2110, RBC2500, RBC2510, RBC3100, RBC3101	A-89143
		M10x1.25LH	BCM2310, BCM2600, BCM2610, BCM3300, BCM3310, EBH252L/U, EBH253L/U, EBS260L/U, EM2650L/U, EM2651L/U, BCM4300, EBH340/U, EBH341L/R, EM4340/L, EM4341, RBC411, RBC421L, RBC411U, RBC412U, RBC413	B-05131
	B&F ECO4L	M8x1.25LH	BUR142U,BUR182U,BUR143U,BUR183U,BUR142L,BUR182L,BUR183L	196589-5
Automatic 	UltraAuto 4R	M8x1.25RH	RST200, RST210, RST250, ER2550L, ER2650L	B-03006
	SuperAuto XL	M10x1.0LH	RBC420/E, RBC421	B-01965
	UltraAuto 6L	M10x1.25LH	BCM4300, EBH340/U, EBH341L/R, EM4340/L, EM4341, RBC411, RBC421L, RBC420/E, RBC421, RBC411U, RBC412U, RBC413	*A-81658
	UltraAuto 4L 	M8&10x1.25LH	DBC260L/U, EBH250L/U, EBH251L/U, EM4250/4251, RBC2110, RBC2500, RBC2510, RBC3100, RBC3101, BCM2310, BCM2600, BCM2610, BCM3300, BCM3310, EBH252L/U, EBH253L/U, EBS260L/U, EM2650L/U, EM2651L/U	*B-02945
		M10x1.25LH	BCM2310, BCM2600, BCM2610, BCM3300, BCM3310, EBH252L/U, EBH253L/U, EBS260L/U, EM2650L/U, EM2651L/U, EM400MP, EM401MP	B-05125





Accessories

rushcutter blades

Hole Dia.: 25.4mm

	Application	Blade dia. / No. of teeth	Thickness	Model No.	Part No.
3-tooth blade					
	for tall, thick grass, scrub and tangled undergrowth	230mm / 3	3.0mm	BBC231U, BBC300L, BC231UD, BC300LD, UX361D, UX362D, BUX361, BUX362, EM400MP, EM401MP, EM402MP, EBH252L/U, EBH253L/U, EM2650L/U, EM2651L/U	195298-3
		255mm / 3		EBH341U, RBC411U, RBC412U, EM4351UH, EM4350UH	195299-1
		305mm / 3		EBH341U, RBC411U, RBC412U, EM4351UH, EM4350UH	195300-2
4-tooth blade					
	for tall grass and scrub	230mm / 4	1.8mm	BBC231U, BBC300L, BC231UD, BC300LD, UX361D, UX362D, BUX361, BUX362, EM400MP, EM401MP, EM402MP, DBC260L/U, EBH250L/U, EBH251L/U, EM4250, EM4251, RBC2110, RBC2500, RBC2510, RBC3100, RBC3101, EBH252L/U, EBH253L/U, EM2650L/U, EM2651L/U, EBH341U, EBH340U/R, EBH341L/R, EM4340, EM4340L, EM4341, RBC411, RBC420, RBC420E, RBC421, RBC421L, RBC411U, RBC412U, RBC413	B-14118
		255mm / 4	2.0mm	EBH341U, EBH340U/R, EBH341L/R, EM4340, EM4340L, EM4341, RBC411, RBC420, RBC420E, RBC421, RBC421L , RBC411U, RBC412U, RBC413	B-14124
8-tooth blade					
	for thick grass and scrub	230mm / 8	1.8mm	DBC260L/U, EBH250L/U, EBH251L/U, EM4250, EM4251, RBC2110, RBC2500, RBC2510, RBC3100, RBC3101, EBH252L/U, EBH253L/U, EM2650L/U, EM2651L/U, EBH341U, EBH340U/R, EBH341L/R, EM4340, EM4340L, EM4341, RBC411, RBC420, RBC420E, RBC421, RBC421L, RBC411U, RBC412U, RBC413	B-14130
		255mm / 8	2.0mm	EBH341U, RBC411U, RBC412U, RBC413	B-14146
Saw blade					
	for bushes and thin tree trunks	230mm / 80	1.8mm	DBC260L/U, EBH250L/U, EBH251L/U, EM4250, EM4251, RBC2110, RBC2500, RBC2510, RBC3100, RBC3101, EBH252L/U, EBH253L/U, EM2650L/U, EM2651L/U, EBH341U, EBH340U/R, EBH341L/R, EM4340, EM4340L, EM4341, RBC411, RBC420, RBC420E, RBC421, RBC421L, RBC411U, RBC412U, RBC413	B-14152
	Not available in some countries due to local regulation	255mm / 80	2.0mm	EBH341U, EBH340U/R, EBH341L/R, EM4340, EM4340L, EM4341, RBC411, RBC420, RBC420E, RBC421, RBC421L, RBC411U, RBC412U, RBC413	B-14168
TCT Saw blade					
	for gnarled bushes and thin tree trunks Not available in some countries due to local regulation	230mm / 36	1.8mm	DBC260L/U, EBH250L/U, EBH251L/U, EM4250, EM4251, RBC2110, RBC2500, RBC2510, RBC3100, RBC3101, EBH252L/U, EBH253L/U, EBH340U/R, EBH341L/R, EM4340, EM4340L, EM4341, RBC411, RBC420, RBC420E, RBC421, RBC421L, EM2650L/U, EM2651L/U, RBC411U, RBC412U, RBC413	A-56926
Chisel blade					
	For brush and thin tree trunks and new growth. Not available in some countries due to local regulation	200mm / 22	1.6mm	EM4351UH, EM4350UH	196242-3
		225mm / 24	1.8mm	EM4351UH, EM4350UH	196243-1
Metal blade					
		305mm / 2	2.0mm	RBC411, RBC411U, RBC412U	195624-6
Edger blade					
		203mm / 2	2.5mm	EE400MP, EE2650H	196745-7

Accessories

Plastic blade set



Size	Part No.
255mm	197188-6

Replacement plastic blade



Per pkg.	Part No.
12	197189-4

4-stroke engine oil



Size	Part No.
600ml	980 308 620
80ml	195500-4
100ml	195501-2
220ml	195532-1

High-performance two-stroke engine oil 50:1

*with measuring cup

Makita High-performance two-stroke engine oil is semi-synthetic oil with excellent lubricating qualities, low smoke and low carbon residue. Contains additives that e ect fuel stabilization.



Size	Part No.
100ml	980 008 606
1L	980 008 607
1L*	980 008 612
5L	980 008 618
55L	980 008 150
200	980 008 151

Chain oil

With Makita chain oil, chain oiling is formulated to adhere to the bar and chain and to reduce wear.

Adhesion additive helps keep sap and pitch from clinging to the bar and chain.

(Not available in Austria)



Size	Part No.
100ml	182229-1
1L	988 002 656
5L	988 002 658
55L	988 002 260
200L	988 002 261

BIOTOP Chain oil

With BIOTOP, chain oiling is safe for environment. BIOTOP is purely vegetable-based and readily biodegradable. It meets the strict requirements of the RAL UZ48 environment mark for environmental compatibility, lubrication, and aging resistance.



Size	Part No.
1L	980 008 610
5L	980 008 611
55L	980 008 217
200L	980 008 218

Workgloves PROFESSIONAL

Excellent for outdoor purposes such as construction, gardening, forest and hobby. Valuable Kidskin. Padded on the inside. Adjustable. Elastic outside. Cotton thumb for wiping sweat from the face. Reinforced ngertips. Available in S M L XL XXL.



Size	Part No.
S	988 000 907
M	988 000 908
L	988 000 909
XL	988 000 910
XXL	988 000 911
XXXL	988 000 912

Protective helmet

Light weight Helmet set with a large visor and ear protectors. Helmet set which provide protection for head, ears and face.

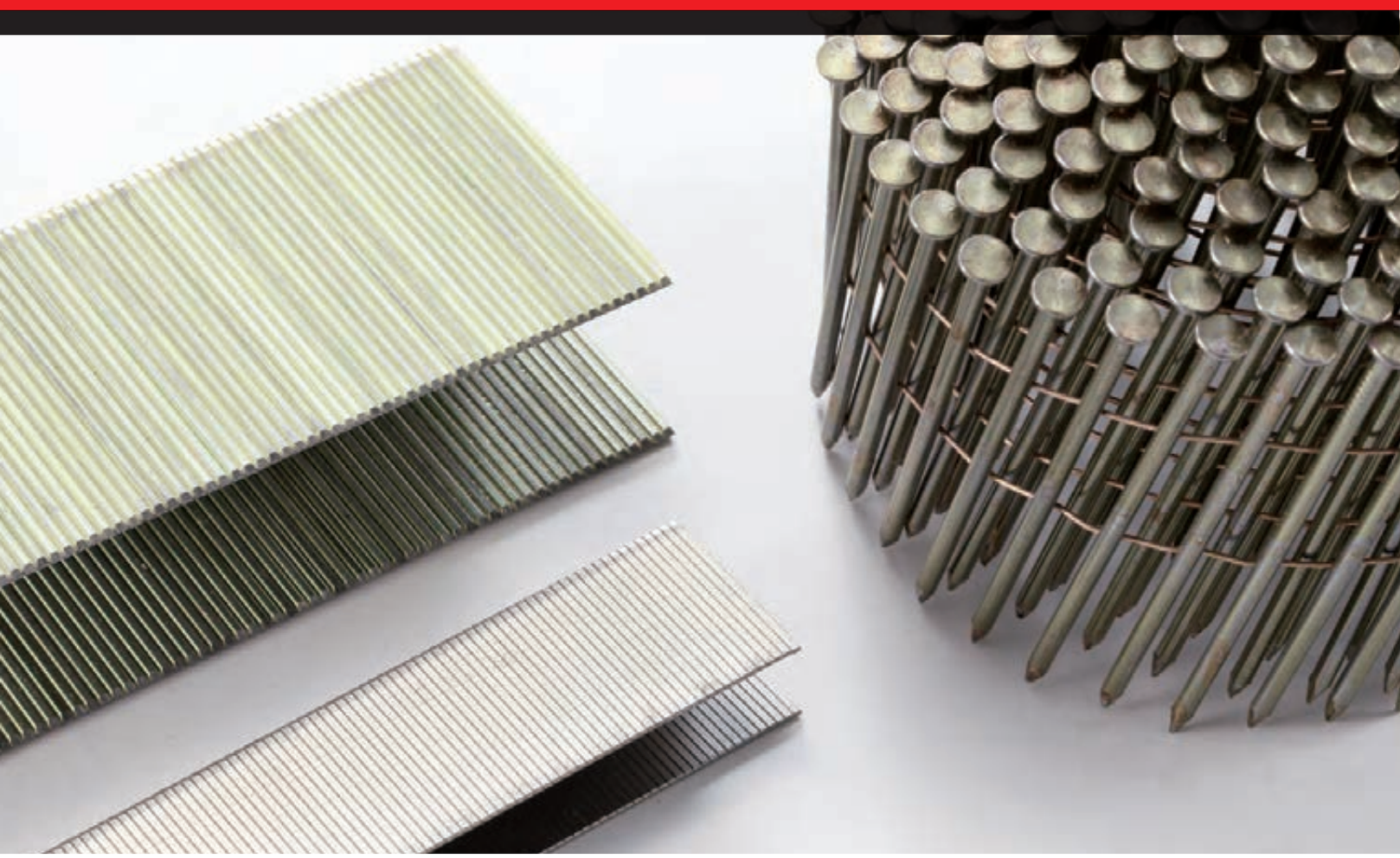
Products are not available in all countries



Part No.
988 000 605

ACCESSORIES

Miscellaneous



Nails, Staples and Screws

Wire coil Nails (Flat Type)



Dia	Length	Shank	Nails/ carton	Part No.
For Model:				
AN621, AN901, AN610H, AN620H, AN711H, AN911H				
2.5mm (0.099")	45mm (1-3/4")	Smooth	10800	F-30810
	50mm (2")	Screw Chisel	10800	F-30865
		Smooth	10800	F-31243
	57mm (2-1/4")	Screw Chisel	8100	F-30878
		Smooth	8100	F-31256
	65mm (2-1/2")	Smooth	8100	F-30900
		Screw Chisel	8100	F-31269
For Model:				
AN621, AN901, AN620H, AN711H, AN911H				
2.8mm (0.110")	50mm (2")	Smooth	9000	F-30823
2.9mm (0.113")		Smooth	9000	F-30849
2.9mm (0.113")	50mm (2")	Screw Chisel	9000	F-30971
	57mm (2-1/4")	Screw Chisel	6750	F-31272
	65mm (2-1/2")	Screw Chisel	6750	F-30881
3.1mm (0.120")		Smooth	6075	F-30836
3.3mm (0.131")		Smooth	4050	F-30852
For Model:				
AN901, AN711H, AN911H				
2.9mm (0.113")	71mm (2-13/16")	Screw Chisel	6750	F-31285
3.1mm (0.120")	75mm (3")	Smooth	4050	F-31298
3.2mm (0.120")		Screw Chisel	4050	F-31320
3.4mm (0.135")		Smooth	3600	F-31359
For Model:				
AN901, AN911H				
3.1mm (0.120")	85mm (3-1/4")	Smooth	4050	F-31304
		Screw Chisel	4050	F-31333
	90mm (3-1/2")	Smooth	4050	F-31317
3.2mm (0.120")		Screw Chisel	4050	F-31346
3.8mm (0.146")		Smooth	2700	F-31362

Wire coil Nails (Conical Type)

For Model:

AN611, AN510H, AN610H

*AN510H and AN611 only



Dia	Length	Shank	Nails/ carton	Part No.
2.1mm (0.083")	32mm (1-1/4")	smooth	21600	F-32766
	38mm (1-1/2")	smooth	18000	F-32779
		screw	18000	*F-32801
	45mm (1-3/4")	smooth	18000	F-32782
		screw	18000	*F-32814
	50mm (2")	smooth	14400	F-32795
		screw	14400	*F-32827

Wire coil Nails (Roofing Nail)

(7,200 pcs/box)



For Model:

AN453, AN450H

Dia	Length	Shank	Nails/ carton	Part No.
3.1mm (0.120")	22mm (7/8")	Smooth	7200	F-30762
	25mm (1")	Smooth	7200	F-30775
	32mm (1-1/4")	Smooth	7200	F-30788
	38mm (1-1/2")	Smooth	7200	F-30791
	45mm (1-3/4")	Smooth	7200	F-30807



Plastic strip nail full round-head



For Model:

AN923

Dia	Length	Shank	Finish	Nails/ carton	Part No.
2.9mm (0.113")	50mm (2")	Smooth	Bright	6000	F-30180
		Ring	Bright	6000	F-30193
		Ring	Galvanized	6000	F-30209
	60mm (2-3/8")	Smooth	Bright	5000	F-30212
		Ring	Bright	5000	F-30225
		Screw	Bright	5000	F-30238
		Smooth	Galvanized	5000	F-30241
		Ring	Galvanized	5000	F-30254
	65mm (2-1/2")	Ring	Bright	5000	F-30267
		Smooth	Galvanized	5000	F-30270
3.1mm (0.120")	75mm (3")	Smooth	Bright	4000	F-30283
		Ring	Galvanized	4000	F-30296
		Smooth	Galvanized	4000	F-31108
	83mm (3-14")	Smooth	Bright	4000	F-30302
3.3mm (0.131")	65mm (2-1/2")	Smooth	Bright	4000	F-31124
	75mm (3")	Smooth	Bright	4000	F-30315
		Smooth	Galvanized	4000	F-30328
	83mm (3-14")	Smooth	Bright	4000	F-30331
		Smooth	Galvanized	4000	F-30344
	90mm (3-1/2")	Smooth	Bright	3000	F-30357
		Smooth	Galvanized	3000	F-30360
3.4mm (0.135")	75mm (3")	Smooth	Bright	4000	F-31603
		Screw	Bright	4000	F-31629
		Smooth	Galvanized	4000	F-31568
	90mm (3-1/2")	Smooth	Bright	4000	F-31616
		Screw	Bright	3000	F-31632
		Smooth	Galvanized	4000	F-31571
3.8mm (0.148")	75mm (3")	Screw	Galvanized	4000	F-31584
	90mm (3-1/2")	Screw	Galvanized	3000	F-31597



Paper tape nail clipped-head



For Model:

AN943

Dia	Length	Shank	Finish	Nails/ carton	Part No.
2.9mm (0.113")	60mm (2-3/8")	Smooth	Bright	3000	F-30566
3.1mm (0.120")	75mm (3")	Smooth	Bright	3000	F-30579
		Smooth	Galvanized	3000	F-30582
		Ring	Galvanized	3000	F-30595
	83mm (3-1/4")	Smooth	Bright	3000	F-30601
3.3mm (0.131")	75mm (3")	Smooth	Bright	3000	F-30614
		Smooth	Galvanized	3000	F-30627
	83mm (3-1/4")	Smooth	Bright	3000	F-30630
		Smooth	Galvanized	3000	F-30643
	90mm (3-1/2")	Smooth	Bright	3000	F-30656
3.3mm (0.131")	90mm (3-1/2")	Smooth	Galvanized	3000	F-31645

Pin nail





Model No.	Type	Length	Part No.
DPT350, AF500HP , AF201Z	23Ga Pin Nail (10,000 pcs/box)	18mm (11/16")	F-31825
		25mm (1")	F-31838
DPT350, AF500HP		30mm (1-3/16")	F-31841
		35mm (1-3/8")	F-31854
		45mm (1-3/4")	F-32920
		50mm (2")	F-32933
DPT350, AF500HP , AF201Z	23Ga Stainless Pin Nail (10,000 pcs/box)	18mm (11/16")	F-32142
		25mm (1")	F-32155
DPT350, AF500HP		30mm (1-3/16")	F-32168
		35mm (1-3/8")	F-32171

Brad nail

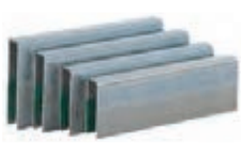




*AF505 only, **AF550H only

Model No.	Type	Length	Part No.
AF505, AF550H DBN500	18Ga Brad Nail (5,000 pcs/box)	15mm (5/8")	F-31867
		20mm (3/4")	F-31870
		25mm (1")	F-31883
		30mm (1-3/16")	F-31896
		32mm (1-1/4")	*F-31902
		35mm (1-3/8")	F-31915
		38mm (1-1/2")	*F-31928
		40mm (1-9/16")	F-31931
		45mm (1-3/4")	F-31944
		50mm (2")	F-31957
AF505, AF550H		55mm (2-3/16")	**F-32946
AF633	15Ga Brad Nail 34deg 4,000 pcs/box	32mm (1-1/4")	F-31960
		38mm (1-1/2")	F-31973
		45mm (1-3/4")	F-31986
		50mm (2")	F-31999
		57mm (1-1/4")	F-32007
		64mm (2-1/2")	F-32010

Staple





Model No.	Type	Length	Part No.
AT638	1/4" Narrow Crown Staple 18Ga 5,000 pcs/box	16mm	F-32557
		19mm	F-32560
		22mm	F-32573
		25mm	F-32586
		28mm	F-32599
		30mm	F-32605
		32mm	F-32618
		38mm	F-32621
AT2550A	16Ga Staple Wide Crown 10,000 pcs/box	25mm (1")	F-32023
		32mm (1-1/4")	F-32036
		38mm (1-1/2")	F-32049
		45mm (1-3/4")	F-32052
		51mm (2")	F-32065
AT1150A	16Ga Staple Medium Crown 10,000 pcs/box	25mm (1")	F-32078
		28mm (1-1/8")	F-32081
		32mm (1-1/4")	F-32094
		35mm (1-3/8")	F-32100
		40mm (1-9/16")	F-32113
		45mm (3/4")	F-32126
		51mm (2")	F-32139

Concrete pin

Includes one Fuell cell / box.

Box : 10pins/strip x 100 = 1,000pins

for Europe

For Model:

GN420C



Description	Dia. (mm)	Length (mm)	Part No.
Premium pin	3.1	15	196285-5
		17	196286-3
		22	196287-1
		27	196288-9
		32	196289-7
Standard pin	2.6	20	196290-2
		25	196291-0
		30	196292-8
		35	196293-6
		40	196294-4

Concrete pin

1,000 pcs/box

For Model:

AN250HC





Dia. (mm)	Length (mm)	Part No.
2.5	19	F-33562
	22	F-33575
	25	F-33588
3	19	F-33591

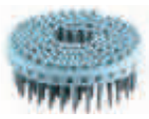


Coil tape collated screws

(2,000 pcs/box)

For Model:

AR410HR





Dia	Length	Application	Part No.
3.5mm (0.139")	25mm (1")	Drywall to steel	F-32830
	28mm (1-1/8")		F-32843
	41mm (1-5/8")		F-32856
3.8mm (0.146")	25mm (1")	Drywall to wood	F-32869
	28mm (1-1/8")		F-32872
	32mm (1-1/4")		F-32885
	41mm (1-5/8")		F-32898



Clipped Head Nails

For Model:

GN900

Length (mm)	Shank Dia (mm)	Fuel cell /box	Nails/ box	Part No.
Ring Stainless				
51	2.9	1	1100	194799-8
63	2.9	1	1100	194800-9
80	3.1	1	1100	194801-7
Ring Bright				
51	2.9	3	3300	194764-7
51	2.9	1	1100	194780-9
63	2.9	3	3300	194767-1
63	2.9	1	1100	194784-1
75	3.1	2	2200	194772-8
Ring Galv				
51	2.9	3	3300	194765-5
51	2.9	1	1100	194782-5
57	2.9	3	3300	194766-3
63	2.9	3	3300	194768-9
63	2.9	1	1100	194785-9
63	3.1	2	2200	194770-2
63	3.1	1	1100	194788-3
75	2.9	1	1100	194792-2
75	3.1	2	2200	194773-6
Ring Hot Dip Galv				
57	2.9	1	1100	194783-3
63	2.9	3	3300	194769-7
63	2.9	1	1100	194786-7
63	3.1	2	2200	194771-0
63	3.1	1	1100	194790-6
75	3.1	2	2200	194774-4
75	3.1	1	1100	194793-0
83	3.1	1	1100	194794-8
83	3.1	1	1000	194795-6
Smooth Bright				
90	3.1	2	2200	194776-0
Smooth Galv				
90	3.1	2	2200	194777-8
Smooth Hot Dip Galv				
90	3.1	2	2200	194778-6
90	3.1	1	1100	194797-2
Unilock Hot Dip Galv				
75	3.1	2	2200	194775-2
90	3.1	2	2200	194779-4

Flat Tape Collated Screws

50pcs screws/belt, 1,000pcs screws/box



Drywall Screws

L (mm)	Shank Dia (mm)	Head Dia (mm)	Recess	Thread	Finish	For Model								Region A
						DFR440	DFR540	DFR550	DFR750	6842	6843	6844	6845	
						25-41mm	25-55mm	25-55mm	45-75mm	25-55mm	25-55mm	45-75mm	25-41mm	Part No.
35	3.5	8.2	PH2	Fine/Self Drilling	Phosphated	O		O			S			F-31195
25	3.5	8.2	PH2	Fine	Phosphated	O		O						F-31227
35	3.5	8.2	PH2	Fine	Phosphated	O		O						F-31230
25	3.9	8.2	PH2	Fine	Phosphated	O	O	O		O	O		O	F-30913
30	3.9	8.2	PH2	Fine	Phosphated	O	O	O		O	O		O	F-30926
35	3.9	8.2	PH2	Fine	Phosphated	O	O	O		O	O		O	F-31153
41	3.9	8.2	PH2	Fine	Phosphated	O	O	O		O	O		O	F-31166
45	3.9	8.2	PH2	Fine	Phosphated	O	O		O	O	O		O	F-30939
55	3.9	8.2	PH2	Fine	Phosphated	O	O	O	O	O	O		O	F-30942
30	3.9	8.2	PH2	Coarse	Phosphated		O	O		O	O			F-30955
35	3.9	8.2	PH2	Coarse	Phosphated	O	O	O		O	O	O	O	F-31179
41	3.9	8.2	PH2	Coarse	Phosphated	O	O	O		O	O		O	F-31182
55	3.9	8.2	PH2	Coarse	Phosphated		O			O	O	O		F-31140
32	3.5	8.2	PH2	Fine	Phosphated	O	O	O		O	O		O	F-31018
33	3.5	8.2	PH3	Coarse	Phosphated	O	O	O		O	O		O	F-31021
41	3.5	8.2	PH4	Coarse	Phosphated	O	O	O		O	O		O	F-31034
30	3.9	8.2	PH2	Coarse	Yellow Zinc (5 micron)	O	O	O		O	O		O	F-32203
41	3.9	8.2	PH2	Coarse	Yellow Zinc (5 micron)	O	O	O		O	O		O	F-32216
55	3.9	8.2	PH2	Coarse	Yellow Zinc (5 micron)		O	O	O	O	O	O		F-32229
41	3.9	8.2	PH2	Fine	Grey Phos.	O	O	O		O	O		O	F-32232
30	3.9	8.2	PH2	Hi-Low	Yellow Zinc (5 micron)	O	O	O		O	O		O	F-32245
41	3.9	8.2	PH2	Hi-Low	Yellow Zinc (5 micron)	O	O	O		O	O		O	F-32258
55	3.9	8.2	PH2	Hi-Low	Yellow Zinc (5 micron)		O	O	O	O	O	O		F-32261
Wood Screws														
40	4.2	7	PH2	Hi-Low	Zinc Plated	O	O	O		O	O		O	F-31201
55	4.2	7	PH2	Hi-Low	Zinc Plated		O	O	O	O	O	O		F-31214
41	4.2	8.2	SQ2	Coarse	Geomet	O	O	O		O	O		O	F-33276
45	4.2	7.8	SQ2	Coarse	Geomet		O	O	O	O	O	O		F-33289
50	4.2	7.8	SQ2	Coarse	Geomet		O	O	O	O	O	O		F-33292
63	4.2	7.8	SQ2	Coarse	Geomet				O			O		F-33324
75	4.2	7.8	SQ2	Coarse	Geomet				O			O		F-33340
45	4.2	7.8	SQ2	Coarse	Yellow Zinc		O	O	O	O	O	O		F-33205
50	4.2	7.8	SQ2	Coarse	Yellow Zinc		O	O	O	O	O	O		F-33218
Decking Screws														
42	4.2	7.2	PH2	Coarse, Part Thread	Stainless Steel		O	O		O	O			F-32470
55	4.2	7.2	PH2	Coarse, Part Thread	Stainless Steel		O	O	O	O	O	O		F-32483
Fermacell Screws														
30	3.9	7	PH2	Hi-Low	Phosphated	O	O	O		O	O		O	F-31748
45	3.9	7	PH2	Hi-Low	Phosphated	O	O	O	O	O	O	O	O	F-31751

L (mm)	Shank Dia (mm)	Head Dia (mm)	Recess	Thread	Finish	For Model								Region A
						DFR440	DFR540	DFR550	DFR750	6842	6843	6844	6845	
						25-41mm	25-55mm	25-55mm	45-75mm	25-55mm	25-55mm	45-75mm	25-41mm	Part No.
Hardboard Screws														
32	3.9	7.2	PH2	Hi-Low	Dacromate	O	O	O		O	O		O	F-31793
41	3.9	7.2	PH2	Hi-Low	Dacromate	O	O	O		O	O		O	F-31809
31	3.9	6.4	PH2	Hi-Low	Yellow Zinc (5 micron)	O	O	O		O	O		O	F-32496
41	3.9	6.4	PH2	Hi-Low	Yellow Zinc (5 micron)	O	O	O		O	O		O	F-32502
51	3.9	6.4	PH2	Hi-Low	Yellow Zinc (5 micron)		O	O	O	O	O	O		F-32515
Chipboard Screws														
30	4	7.8	PZ2	Hi-Low	Zinc Plated	O	O	O		O	O		O	F-31764
35	4	7.8	PZ2	Hi-Low	Zinc Plated	O	O	O		O	O		O	F-31777
40	4	7.8	PZ2	Hi-Low	Zinc Plated	O	O	O		O	O		O	F-31780
30	4.2	7.2	PH2	Coarse, Part Thread	Yellow Zinc (5 micron)	O	O	O		O	O		O	F-32528
42	4.2	7.2	PH2	Coarse, Part Thread	Yellow Zinc (5 micron)		O	O		O	O			F-32531
55	4.2	7.2	PH2	Coarse, Part Thread	Yellow Zinc (5 micron)		O	O	O	O	O	O		F-32544





Mixing blade







For Model:

UT1305

Stainless steel Shaft (Part No.:A-43751)

	Mixing Blade				Bolt	
	Type	Bolt sold separate	Twin blade possible	Part No.	Bolt Size	Part No.
	Mixing Blade 130	√	-	A-43670	M8 x 18	265220-5
	Mixing Blade 150	-	-	A-43686	M8 x 25	251686-5
	Mixing Blade 165	√	-	A-43692	M8 x 18	265220-5

For Model:

UT2204

Stainless steel Shaft (Part No.:A-43773)

	Mixing Blade				Bolt	
	Type	Bolt sold separate	Twin blade possible	Part No.	Bolt Size	Part No.
	Mixing Blade 175	-	√	A-43701	W5/16 x 16	265475-2
	Mixing Blade 190	-	√	A-33065	W5/16 x 16	265475-2
	Mixing Blade 220	-	-	A-43717	M8 x 16	265440-1
	Mixing Blade 135	-	-	A-43723	W5/16 x 16	265475-2
	Mixing Blade 183	-	√	A-43739	W5/16 x 16	265475-2
	Mixing Blade 201	-	√	A-33071	W5/16 x 16	265475-2

Reber binding attachment set with 1/4" Hex. shank



Region A
Part No.
194731-2

Hex wrench



Model No.	Size	Part No.
JN1601, 2012NB	2.5mm	783208-8
JN3200, JS1600, JS1660, JS1670, 4331D, 4333D, 4334D, 4300BA, 4300BV, 4326/M, 4327/M,4328, 4329, JV0600	3mm	783201-2
JS3200, 4350T/CT/FCT, 4351T/CT/FCT, BJV140, BJV180, 1806B, N1923B, 1911B	4mm	783202-0
KP312/S	4mm	783219-3
JS1300	5/32"	783215-1
JS8000	5/32"	783221-6

Keyless drill chuck





* North & South America

Package type	Bulk
Part No.	Part No.
For Model:	
6013B/BR, 6300-4, 6310, DP4700	
192892-2	-
For Model:	
6017D, 6018D, 6019D, 6096D	
193601-2	-
For Model:	
6261D, 6271D, 6281D, BDF343	
-	766002-3
For Model:	
6207D, 6217D, 6237D	
193615-1	763163-0
For Model:	
6261D, 6271D, 6281D, BDF343	
-	766002-3
For Model:	
6317D, 6327D, 6337D, 6347D	
193616-9	-
For Model:	
6319D, 6339D, 6349D, 8414D, 8434D, 8444D, DDF454, DHP454	
-	*763191-5
-	763199-9
For Model:	
6381D, 6391D, 8381D, 8391D, DDF453, DF452, DF457, DHP453, HP452, HP457	
-	*763193-1
196306-3	766004-9

Keyless drill chuck

* North & South America

Package type	Bulk
Part No.	Part No.
For Model:	
6408, 6402, 6510LVR, DA302D, DA391D, DA392D, DA312D, DA3011/F	
192016-0	763132-1
For Model:	
6413	
-	763180-0
For Model:	
6501X, DP2011	
193203-4	-
For Model:	
8271D, 8281D, DHP343	
-	766003-1
For Model:	
BDA341, BDA351	
-	766005-7
For Model:	
DDF440, DDF442, DDF445, DDF450, DDF452, DHP440, DHP442, DHP450, DHP452	
-	*763193-1
-	763175-3
For Model:	
DDF441, DDF451, DHP441, DHP451, DDF444, DDF454, DHP444, DHP454	
-	*763191-5
-	763196-5
For Model:	
BDF460, BHP460	
193064-2	-
For Model:	
DP3003	
193226-2	763144-4
For Model:	
DP4001, DP4003	
192956-2	-
For Model:	
DP4011, HP2033	
192664-5	763129-0
For Model:	
HP2051/F, HP2071/F	
194254-0	-
For Model:	
HP1351, HP1500, HP1501, HP1621/F, HP1641/F, HP1631	
*194073-4	-
196564-1	-

Drill chuck





*Europe **North & South America

Drill chuck		Chuck key
Package type	Bulk	Bulk
Part No.	Part No.	Part No.
For Model:		
6010D, 6409		
192970-8	-	763418-3
For Model:		
DP2010		
192887-5	763077-3	763418-3
For Model:		
6013B/BR, 6300-4, 6301, 6305, 8406/C, 8416, DP4700, HP2010N		
192877-8	-	763432-9
For Model:		
6304LR, DA4000LR		
193318-7	-	763432-9
For Model:		
6411, 6412, DF030D		
	763173-7	763444-2
For Model:		
6501		
192887-5	763077-3	763418-3
For Model:		
DA3010/F, DDA340, DDA350		
	763174-5	763415-9
For Model:		
DP3002		
193224-6	-	763434-5
For Model:		
DA4030, DA4031		
193519-7	-	763432-9
For Model:		
DA4000LR, DS4000		
**193319-5	125145-4	763434-5
For Model:		
DP4000, DP4002		
193228-8	763145-2	763434-5
For Model:		
DP4010, HP2050, HP2051		
193067-6	-	763430-3
For Model:		
HP1620/F		
192541-1	763142-8	763440-0
For Model:		
HP2050/F, HP2070/F, HP2071/F		
*193822-6	-	763430-3
193067-6	-	763430-3
For Model:		
HP1630		
195081-8	763161-4	763441-8

Carbon brush



High Volt CB No.	Part No.		Low Volt CB No.	Part No.
1	181019-9		1	181019-9
51	181021-2		76	191947-0
55	181026-2		75	191956-9
64	191627-8		75	191956-9
65	191628-6		76	191947-0
70	191914-5		70	191914-5
85	191998-3		75	191956-9
100	181030-1		124	191945-4
106	181410-1		107	181437-1
132	191972-1		132	191972-1
153	181044-0		154	181047-4
154	181047-4		154	181047-4
165	191936-5		166	191968-2
203	191953-5		203	191953-5
253	194547-5		253	194547-5
303	191963-2		303	191963-2
-	-		311	191979-7
325	194074-2		325	194074-2
411	191940-4		408	191938-1
415	191950-1		401	191910-3
419	191962-4		407	191927-6
459	194722-3		458	194721-5
Auto Cut- out Carbon Brush				
105	181038-5		105	181038-5
113	191904-8		113	191904-8
155	181048-2		155	181048-2
173	195483-8		172	195100-0
175	195844-2		175	195844-2
204	191957-7		204	191957-7
327	194285-9		304	191961-6
318	191978-9		318	191978-9
350	194160-9		350	194160-9
Carbon Brush for Cordless tool				
424	191966-6		424	191966-6
430	191971-3		430	191971-3
434	193466-2		434	193466-2
440	194427-5		440	194427-5
441	194435-6		441	194435-6
442	194928-3		442	194928-3
448	196854-2		448	196854-2

HISTORY

Established in 1915 as an electric motor sales and repair company, Makita Corporation has grown to become Japan's top manufacturer of portable electric power tools and recognized leader globally.

Headquartered in Anjo, near Nagoya, Makita designs, manufactures, and markets a wide range of power tools. Makita's main products include circular saws, jig saws, planers, drills, hammers, grinders, and sanders.

To meet an even broader range of needs, the Company also offers stationary woodworking machines and pneumatic tools as well as garden tools and products for indoor household use.

The unsurpassed quality and reliability of these power tools and other products - made possible by the Company's strong R & D capabilities - have earned Makita products the trust of customers worldwide.

Besides an extensive domestic network more than 100 sales offices, Makita conducts its global activities through many overseas subsidiaries. With the aim of becoming a truly global supplier of a comprehensive array of power tools and related products, and in line with its policy of manufacturing products within proximity to its customers, Makita is manufacturing power tools and other equipment at overseas production facilities.

JAPAN
Makita Corporation Headquarters



JAPAN
Okazaki Plant



U.S.A.
Makita Corporation of America



UNITED KINGDOM
Makita Manufacturing Europe Ltd.



ROMANIA
SC Makita EU SRL



GERMANY
Dolmar GmbH



BRAZIL
Makita do Brasil Ferramentas Elétricas Ltda.



CHINA
Makita (China) Co., Ltd.



CHINA
Makita (Kunshan) Co., Ltd.



THAILAND
Makita Manufacturing (Thailand) Co., Ltd.

ASIA

JAPAN

Makita Corporation
Head office
3-11-8, Sumiyoshi-cho,
Anjo, Aichi
446-8502
Phone: +81-(0)566-98-1711
Fax: +81-(0)566-98-6021
www.makita.co.jp

Okazaki plant
22-1, Watarijima,
Nemunoki-cho,
Okazaki, Aichi 444-0232
Phone: +81-(0)564-43-3111

Tokyo branch office
3-5-3, Hongo, Bunkyo-ku,
Tokyo 113-0033
Phone: +81-(0)3-3816-1141
Fax: +81-(0)3-3813-1633

Nagoya branch office
2-33, Namiki,
Nakamura-ku,
Nagoya 453-0856
Phone: +81-(0)52-419-0561
Fax: +81-(0)52-413-0081

Osaka branch office
1-26-8, Tenma, Kita-ku,
Osaka 530-0043
Phone: +81-(0)6-6351-8771
Fax: +81-(0)6-6352-4607

Domestic sales offices
Sapporo, Sendai, Niigata,
Utsunomiya, Saitama, Chiba,
Yokohama, Shizuoka, Gifu,
Kanazawa, Kyoto, Hyogo,
Hiroshima, Takamatsu,
Fukuoka, Kumamoto
and other major cities

CHINA

Makita (China) Co., Ltd.
Head office & plant
No.288 South Huangpujiang
Road,
Kunshan Development Zone,
Jiangsu. Postcode:215335
Phone: +86-(0)512-57707710
Fax: +86-(0)512-57713623
www.makita.com.cn

Domestic sales department
No.318 South Wusongjiang
Road,
Kunshan, Jiangsu.
Postcode:215300
+86-(0)512-57037500
+86-(0)512-57037118
www.makita.com.cn

Guangzhou sales branch
No.24
Building,No.26,Renhouzhi
Street,Dachongkou,Fangcun
Avenue,Liwan
District,Guangzhou,
Guangdong.
Postcode: 510370
Phone: +86-(0)20-87518872
Fax: +86-(0)20-87518873

Shanghai sales branch
1F, Building 33, No.888
Shuangbai
Road, Minhang District,
Shanghai.
Postcode: 201108
Phone: +86-(0)21-54487198
Fax: +86-(0)21-62476732

Beijing sales branch
No.6 A Heyi Xili North Street
Fengtai District, Beijing
Postcode:100076
Phone: +86-(0)10-67983346
Fax: +86-(0)10-87898365

Chengdu sales branch
1F,Building 3, No.9,
Wukedongsan Road,
Wuhou District, Chengdu,
Sichuan Postcode:610045
Phone: +86-(0)28-85366002
Fax: +86-(0)28-87337018

Shenyang sales branch
No.2,10A,No.7
Street,Economic and
Technological Development
Zone,
Shenyang, Liaoning
Postcode：110141
Phone: +86-(0)24-22530648
Fax: +86-(0)24-22530170

Xian sales branch
1 & 2F, Xian Youzhi Science
and
Technology Industrial Park
NO.75
Mingguang Road, Economic
And
Technological Development
Zone,
Xian, Shanxi.
Postcode:710018
Phone: +86-(0)29-86223736
Fax: +86-(0)29-86229230

Changsha sales branch
1F, Ruixinjidi Research and
Development office building,
NO.166, Guyuan Road,
Gaoxin District, Changsha,
Hunan. Postcode: 410205
Phone: +86-(0)731-8526-7792
Fax: +86-(0)731-8526-7791

Shijiazhuang sales branch
Room104,Building2,
AnYuan Area C , NO.111
Tangu South Street,
Shijiazhuang ,Hebei.
Postcode: 050026
Phone: +86-(0)311-89864089
Fax: +86-(0)311-89250381

Makita (Kunshan) Co. Ltd.
Nanzi Road, Kunshan
Comprehensive Free
Trade Zone , Jiangsu.
Postcode: 215301
Phone: +86-(0)512-57367367
Fax: +86(0)512-57365575

Makita Power Tools (HK) Ltd.
Head office
3F, Grandtech Centre, 8 On Ping
Street, Shatin, N.T., Hong Kong
Phone: +852-2648-8683
Fax: +852-2648-5237

Macau Service Centre
Em Macau, Rua Do Volong N°11,
Rés-Do-Chão A
Phone: +853-2835-4587
Fax: +853-2835-4135
www.makita.com.hk

TAIWAN

Makita (Taiwan) Ltd.
Head office
No.798, Sec. 2,
Wenhua 3rd Rd., Linkou Dist.,
New Taipei City 24459, Taiwan
Phone: +886-(0)2-8601-9898
Fax: +886-(0)2-8601-2266
www.makita.com.tw

SINGAPORE

Makita Singapore Pte. Ltd.
7, Changi South Street 3,
Singapore 486348
Phone: +65-6546-8700
Fax: +65-6546-8711
www.makita.com.sg

Cambodia Branch Office
No.432,St.271,
Sangkat Tumnup Teuk,
Khan Chamkarmon,Phnom Penh
Phone: +855-(0)23-994-071/2
Fax: +855-(0)23-994-073

INDIA

Makita Power Tools
India Pvt. Ltd.
Unit II, Sy. No.93/3, 93/4,
Koralur Village, Kasaba Hobli,
Hoskote Taluk,
Bangalore 560067, India
Phone: +91-(0)80-2854-9008
Fax: +91-(0)80-2854-9007
www.makita.in

VIETNAM

Makita Vietnam Co. Ltd.
Head office
Unit 06, Block 16 18 L1-2,
Street 3, VSIP II Industrial Park,
Hoa Phu Ward, Thu Dau Mot City,
Binh Duong Province, Vietnam.
Phone: +84-650-362-8338
Fax: +84-650-362-8339
www.makitavn.com

North Branch
Unit 05, No.01, Street 6,
VSIP Bac Ninh Intergrated
Township and Industrial Park,
Phu Chan Commune,
Tu Son Town, Bac Ninh
Province
Phone: +84-241-376-5942
Fax: +84-241-376-5941

Da Nang Service Center
102 Trieu Nu Vuong Street,
Hai Chau 1 Ward,
Hai Chau District, Da Nang City
Phone: +84-511-352-5079
Fax: +84-511-352-5479

THAILAND

Makita Manufacturing
(Thailand) Co., Ltd.
219/1 Moo 6, Tambon Bowin,
Amphur Sriracha, Chonburi,
20230
Phone: +66-3300-4750
Fax: +66-3300-4747

MALAYSIA

Makita Power Tools
(Malaysia) Sdn. Bhd.
Lot 824, Jalan Subang 5, Subang
Industrial Area,47500 Subang
Jaya, Selangor, Malaysia
Phone: +60-03-80230824
Fax: +60-03-80221448

AMERICAS

UNITED STATES

Makita U.S.A. Inc.
Corporate office
14930 Northam Street,
La Mirada,
CA 90638-5753, USA
Phone: +1-714-522-8088
Fax: +1-714-522-8133
www.makitatools.com

Western regional
(Los Angeles) office
14930 Northam Street,
La Mirada, CA 90638-5753
Phone: +1-714-522-8088
Fax: +1-714-522-2437

Central regional
(Chicago) office
1450 Feehanville Drive,
Mount Prospect,
IL 60056-6011
Phone: +1-847-297-3100
Fax: +1-847-297-1544

Eastern regional (Atlanta) office
2660 Buford Highway,
Buford, GA 30518-6045
Phone: +1-770-476-8911
Fax: +1-770-476-0795

Factory service centers
Atlanta, Boston, Chicago,
Dallas, Denver, Florida,
Houston, Las Vegas,
Los Angeles, New Jersey,
Portland, San Francisco

Makita Corporation
of America
2650 Buford Highway,
Buford, GA 30518-6045
Phone: +1-770-932-2901
Fax: +1-770-932-2905

Makita Latin America Inc.
Head office
10205 NW 108th Avenue,
Suite 20, Medley, FL. 33178-2507
Phone: +1-305-882-0522
Fax: +1-305-882-0484
www.makitalatinamerica.com

Makita Latin America Inc.
Panama Branch
Local Comercial No.4,
Albrook Office Center,
calle Diego Dominguez,
Albrook, Panama City,Panama
Phone: +507-315-0305
Fax: +507-315-0651

CANADA

Makita Canada Inc.
Head office
1950 Forbes Street, Whitby,
ON L1N 7B7
Phone: +1-905-571-2200
Fax: +1-905-433-4779
www.makita.ca

Western regional office
11771 Hammersmith Way,
Richmond, BC V7A 5H6
Phone: +1-604-272-3104
Fax: +1-604-272-5416

Quebec and
Atlantic regional office
6389 Boul. Couture,
St. Léonard, Quebec H1P 3J5
Phone: +1-514-323-1223
Fax: +1-514-323-7708

Factory service centers
Burnaby(Vancouver), Calgary,
Dartmouth(Halifax), Edmonton,
Les Saules(Quebec City),
London, Mississauga(Toronto),
Nepean(Ottawa),
Richmond(Vancouver), Saskatoon,
St. Laurent(Montreal),
St. Leonard(Montreal),
Whitby, Winnipeg

MEXICO

Makita México, S.A. de C.V.
Head office
CAMINO VIEJO A SAN LORENZO
TEPALTITLAN (JOSÉ MARTÍ)
No.227,
COL. TLACOPA, TOLUCA,
ESTADO DE MÉXICO,
C.P. 50010
Phone: +52-722-237-3293
Fax: +52-722-237-3293
www.makita.com.mx

Mexico city factory service center
Norte 35 #780-B Col. Industrial
Vallejo, Del.
Azcapotzalco Mexico, D.F. Mexico
C.P. 02300
Phone: +52-555-567-3387
Fax: +52-555-567-3282

Guadalajara factory service
center
AV.Sierra Mazamitla #5864
Col.Pinar De La Calma Reforma
Zapopan, Jalisco C.P. 45080
Phone: +52-333-632-8032
Fax: +52-333-632-8057

Monterrey factory service center
Av.Colon #375 Ote.Esq.
Luis Mora
Col. Treviño C.P.64570 Monterrey,
Nuevo Leon
Phone: +52-818-372-4205
Fax: +52-818-372-4193

Queretaro factory service center
Calle Av. Del Parque #1024
Col. Vista Alegre C.P.76074,
Queretaro,Queretaro
Phone: +52-442-222-6824
Fax: +52-442-222-9170

BRAZIL

Makita do Brasil Ferramentas
Elétricas Ltda.
Head office & plant
Rodovia BR 376, Km 506,1 Bairro
Industrial,
Ponta Grossa, PR CEP 84043-450
Phone: +55-(0)42-3302-2100
Fax: +55-(0)42-3302-2120
www.makita.com.br

São Paulo sales office
Rua Makita Brasil, 200 -Bairro dos
Alvarengas - São Bernardo do
Campo - SP CEP 09852-080
Phone: +55-(0)11-4392-2411
/ 2199-2500
Fax: +55-(0)11-4392-2922
/ 4392-2471

Salvador sales branch
Rua Andre Luiz R da Fonte, 491
Bairro Pitangueiras,
Lauro de Freitas, BA CEP
42700-000
Phone: +55-(0)71-3252-0154
Fax: +55-(0)71-3252-0070

Curitiba sales branch
Rua Comendador Roseira,
499 Bairro Prado Velho,
Curitiba, PR CEP 80215-210
Phone: +55-(0)41-3333-8070
Fax: +55-(0)41-3332-0734

São Paulo service center
Rua Luis Goes, 111 Bairro Chacara
Inglesa, São Paulo, SP CEP
04043-250
Phone: +55-(0)11-5594-3900
Fax: +55-(0)11-5071-9794

Rio de Janeiro service center
Av. Das Américas, 2250 - Loja J/K -
Barra da Tijuca -
Rio de Janeiro, RJ CEP:22640-101
Phone: +55-(0)21-3151-7933
Fax: +55-(0)21-2431-2325

Recife service center
Av. Marechal Mascarenhas de
Morais, 642 Bairro Imbiribeira,
Recife, PE CEP 51150-000
Phone: +55-(0)81-3428-0210
Fax: +55-(0)81-3428-1340

Belo Horizonte service center
Rua Juiz de Fora, 95 - Bairro Barro
Preto, Belo Horizonte, MG CEP
30180-060
Phone: +55-(0)31-2531-2017
Fax: +55-(0)31-2551-2016

Belém Sales Branch
Rodovia BR 316, Km 04 Loja
04-Bairro Águas
Lindas,Ananindeua / PA CEP
67020-000
Phone: +55-(0)91-3237-7186

Rio Grande do sul service center
Av. Sertorio , 5539 - JD. Lindoia -
Porto Alegre - RS CEP: 91050-371
Phone: +55-(0)51-3344-1464

ARGENTINA

Makita Herramientas Eléctricas
de Argentina S.A.
LISANDRO DE LA TORRE 1246,
PARQUE INDUSTRIAL PILARICA,
FATIMA, PILAR PROVINCIA DE
BUENOS AIRES, CP1629
Phone: +54 (230)444-1100
Fax: +54 (230)444-1105
www.makita.com.ar

CHILE

Makita Chile Comercial Ltda.
Head Office
Av.Lo Boza 120-B Modulo 1,
Pudahuel, Santiago CP 9030971
Phone: +56-(0)2-2540-0400
Fax: +56-(0)22-540-0436
www.makita.cl

Copiapó factory service center
Copiapó # 364 Santiago-Centro.
Phone: +56-(0)2-2540-0420

PERU

Makita Peru S.A.
Av. Argentina 3119, Zona B, Lima,
Peru
Phone: +51-(1) -562-0220
Fax: +51-(1) -561-0099
www.makita.pe

COLOMBIA

Makita Colombia, S.A.
Kilometro 7 Autopista Bogota -
Medillin, Centro Empresarial Celta
Trade Park
Lote 123 Bodega 3 Funza –
Cundinamarca , Colombia
Phone: +57-1-896-6199
Fax: +57-1-896-6367
www.makita.com.co

EUROPE

UNITED KINGDOM

Makita (U.K.) Ltd.
Michigan Drive, Tongwell,
Milton Keynes,
Bucks MK15 8JD
Phone: +44-(0)1908-211678
Fax: +44-(0)1908-211400
www.makitauk.com

Makita International Europe
Ltd.
Michigan Drive, Tongwell,
Milton Keynes,
Bucks MK15 8JD
Phone: +44-(0)1908-211678
Fax: +44-(0)1908-211500

Makita Manufacturing
Europe Ltd.
Hortonwood 7,
Telford, Shropshire TF1 7YX
Phone: +44-(0)1952-677688
Fax: +44-(0)1952-677678

FRANCE

Makita France SAS
Head office
37, avenue Graham Bell, ZAC
Léonard de Vinci,
Bussy Saint-Georges, 77607
Marne-la-Vallée Cedex 3
Phone: +33-(0)1-6094-6400
Fax: +33-(0)1-6094-6380
www.makita.fr

Nantes office
Le Pan Loup,
44220 Couéron
Phone: +33-(0)2-5177-8977
Fax: +33-(0)2-4063-8376

Bordeaux office
137, Rue de la
Croix-de-Monjous, 33170
Gradignan
Phone: +33-(0)5-5796-5270
Fax: +33-(0)5-5796-5275

Nord office
Village d'Entreprises,
51, Rue Trémière, 59650
Villeneuve d'Ascq
Phone: +33-(0)3-2059-7020
Fax: +33-(0)3-2047-2220

Dijon office
5, Rue Edmond Voisenet,
21000 Dijon
Phone: +33-(0)3-8054-0880
Fax: +33-(0)3-8054-0881

Toulouse office
15, Rue de Boudeville,
Z.I. de Thibaud, 31104
Toulouse
Phone: +33-(0)5-6143-2200
Fax: +33-(0)5-6143-2201

SPAIN

Makita, S.A.
C/ Juan de la Cierva, 7-15,
28820 Coslada (Madrid)
Phone: +34-91-671-1262
Fax: +34-91-671-8293
www.makita.es

PORTUGAL

Makita Farramentas
Electricas, Sociedade
Unipessoal, Lda.
Centro empresarial de Alverca,
Armazém C2 Vale das Ervas
2615-187 Alverca do Ribatejo
Phone: +351-219-936-750
Fax: +351-219-574-982
www.makita.pt

ITALY

Makita S.p.A.
Via Sempione 269/A,
20028 San Vittore Olona (MI)
Phone: +39-0331-524111
Fax: +39-0331-420285
www.makita.it

EUROPE

GREECE
Makita Hellas S.A.
Tatoiou 34, Acharnes,
ATTIKI PC13677
Phone: +30-210-8071241
Fax: +30-210-8072245
www.makita.gr

FINLAND
Makita Oy
Teilimäki 4
FIN-01530 Vantaa, Finland
Phone: +358-(0)9-857-880
Fax: +358-(0)9-857-88211
www.makita.fi

ESTONIA
Makita Oy Estonian Branch
Estonian office
Piirimäe 13, 76406 Saku vald,
Harjumaa maakond
Phone: +372-6-510-380
Fax: +372-6-510-399
www.makita.ee

NORWAY
Makita Norway
Løxaveien 11A
N-1351 Rud Norway
Phone: +47 99 40 76 00
Fax: +47 67 13 38 83
www.makita.no

THE NETHERLANDS
Makita Nederland B.V.
Park Forum 1101
5657HK Eindhoven
Phone: +31-(0)40-206-4040
Fax: +31-(0)40-206-4096
www.makita.nl

BELGIUM
S.A. Makita N.V.
Jan-Baptist Vinkstraat 2
3070 Kortenberg
Phone: +32-(0)2-257-1840
Fax: +32-(0)2-253-0101
www.makita.be

GERMANY
Makita Werkzeug GmbH
Head office
Makita Platz 1,
40885 Ratingen
Phone: +49 (0) 2102 1004-0
Fax: +49 (0) 2102 1004-128
www.makita.de

Dolmar G.m.b.H
Jenfelder Strasse 38,
22045 Hamburg
Phone: +49-(0)40-66986-0
Fax: +49-(0)40-66986-352
www.dolmar.com

DENMARK
Makita Elværktøj Danmark
Denmark office
Erhvervsbyvej 14,
8700 Horsens
Phone: +45-76-254400
Fax: +45-76-254401
www.makita.dk

SWITZERLAND
Makita SA
Chemin du Vuasset 7
CH-1028 Preverenges
Phone: +41-(0)21-811-5656
Fax: +41-(0)21-811-5678
www.makita.ch

AUSTRIA
Makita Werkzeug Gesellschaft m.b.H.
Kolpingstraße 13,
A-1230 Wien
Phone: +43-(1)-6162730-0
Fax: +43-(1)-6162730-13
+43-(1)-6162730-13
www.makita.at

SLOVENIA
MAKITA.d.o.o.
Brnčičeva 49, SI-1231
Ljubljana-Črnuče
Phone: +386(0) 590 83 600
Fax: +386(0) 590 83 601
www.makita-see.com

UKRAINE
Makita Ukraine LLC
18A, Marka Vovchka str.,
Kyiv, 04073
Phone: +38 (044) 494-23-70
+38 (044) 494-23-71
Fax: +38 (044) 494-23-73
www.makita.ua

POLAND
Makita Sp. z o.o.
ul. Bestwińska 103
43-346 Bielsko - Biała
Phone: +48-(0)33-484-0200
Fax: +48-(0)33-818-4059
www.makita.pl

CZECH REPUBLIC
Makita, spol. s r.o.
Kaštanová 555/125d 620 00 Brno
Phone: +42-(0)5-432-16944
Fax: +42-(0)5-432-16946
www.makita.cz

SLOVAKIA
Makita s.r.o
Jegorovova 35
974 01 Banská Bystrica
Phone: +421-(0)48-4161-772
Fax: +421-(0)48-4161-769
www.makita.sk

HUNGARY
Makita Elektromos
Kisgépértékesítö Kft.
8000, Székesfehérvár,
Takarodó út 2
Phone: +36-22-507-472
Fax: +36-22-507-484
www.makita.hu

ROMANIA
Makita Romania S.R.L.
Sos. Bucuresti–Urziceni nr.31
(EXPO MARKET DORALY,
Pavilion R) Com. Afumati / ILFOV,
077010
Phone: +40-21-351-1382
+40-21-351-1387
Fax: +40-21-312-5495
www.makita.ro

SC Makita EU SRL
Blvd.I.C. Bratianu, nr.164, Comuna
Branesti, jud. ILFOV, ROMANIA
077030
Phone: +40-21-310-7675
Fax: +40-21- 200-0219

BULGARIA
Makita Bulgaria EOOD
Sofia circle road, No.373,
Sofia 1186, Bulgaria
Phone: +0359-2-921-0551
Fax: +32-(0)2-257-0101
www.makita.bg

SWEDEN
Makita Sweden
Bergkällavägen 36 B
192 79 Sollentuna, Sweden.
Phone: +46-8-505-819-00
Fax: +46-8-505-819-69
www.makita.se

RUSSIA
Makita LLC
Permskaya str. 1, build. 1, Moscow,
107143, Russia
Phone: +7-495-915-88-66
Fax: +7-495-916-57-31
www.makita.com.ru

Makita Oy Vladivostok
Representative Office
22, St.Makovskogo, Vladivostok
690041,
Primorsky Region
Phone: +7-4232-375-984
Fax: +7-4232-375-985

MAKITA LLC, Novosibirsk
branch
Dargomyzhskogo street 15,
Novosibirsk, 630047, Russia
Phone: +7-383-209-18-19
Fax: +7-383-209-18-19

Makita Oy St.Petersburg
Representative Office
Obukhovskoy oborony pr. 70
bld. 3A 192029, St. petersburg
Phone: +7-812-703-0210
Fax: +7-812-703-0213

Samara Branch of MAKITA LLC
3 Mirnaya str., Samara, Russian
Federation, 443035
Phone: +7 (846) 202-90-50

KAZAKHSTAN
Makita Kazakhstan LLP
39, St.Kommunalnaya,
Almaty, 050050
Phone: +7 727 233 0827
Phone: +7 727 382 7921

MIDDLE EAST/ AFRICA

UNITED ARAB EMIRATES
Makita Gulf FZE
P.O. Box 17133,
Jebel Ali Free Zone,
Dubai, UAE
Phone: +971-(0)4-8860-804
Fax: +971-(0)4-8860-805
www.makita.ae

MOROCCO
Makita Africa s.a.r.l.a.u.
TANGER MED FREE ZONE
P.O. BOX 203 Ksar Sghir 90150
Wilaya de Tanger
KINGDOM OF MOROCCO
Phone: + 212-(0)-539-93-0851
Fax: + 212-(0)-539-33-9831

OCEANIA

AUSTRALIA
Makita (Australia) Pty. Ltd.
Head office
2 Litton Close Pemulwuy. NSW.
2145
Phone: +61-(0)2-9839-1200
Fax: +61-(0)2-9839-1201
www.makita.com.au

Hobart office
32a Chapel Street Glenorchy, TAS
7010
Phone: +61-(0)3-6274-1533
1300 361 690
Fax: +61-(0)3-6274-1777
1300 361 770

Perth office
535-537 Abernethy Road, Kewdale,
WA 6105
Phone: +61-(0)8-9360-8900
Fax: +61-(0)8-9360-8999

NEW ZEALAND
Makita (New Zealand) Ltd.
15 Orbit Drive, Mairangi Bay,
Auckland, New Zealand
Phone: +64-(0)9-479-8250
Fax: +64-(0)9-479-8259
www.makita.co.nz



makita®

Makita Corporation
3-11-8 Sumiyoshi-cho, Anjo, Aichi 446-8502 Japan
www.makita.com

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