

# Makita®

# 2020

ACCESSORY CATALOGUE



## 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.
- The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014

## 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.

# Safety










-  Wear eye protection
-  Wear ear protection
-  Wear a mask
-  Wear protective gloves
-  Wear protective shoes
-  Read the instruction manuals
-  Remove plug from socket

# Materials









## Stone

-  Reinforced concrete
-  Concrete
-  Red brick
-  Brick
-  Concrete < 215mm











## Wood















-  Wood
-  Wood with nails
-  Pallet
-  Laminate
-  Sandwich panel
-  Plywood
-  Veneered wood
-  Sandwich material
-  Chipboard

## Metal

-  Metal
-  Metal plates  $\geq 1.5\text{mm}$
-  Aluminum
-  Sheet metal
-  Non-ferrous metals (Cu, Ni, Mn, Zn)
-  Metal & Stainless
-  Stainless steel
-  Cast iron

## Other Materials

-  Glass fibre reinforced plastic, epoxy
-  Glass
-  Wood and plastic combined
-  Ceramic tiles
-  Plastic (PVC)
-  Fiber cement board
-  Perspex
-  Aerated concrete block
-  Wood and metal
-  Plaster board

Drilling (Wood/Metal)	10	
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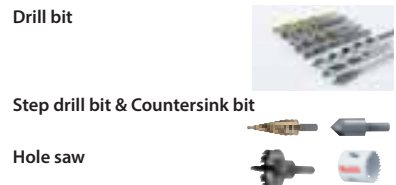
**Drilling / Fastening**



**Fastening P.64**



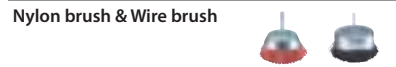
**Drilling (Wood/Metal) P.10**



**Coated Abrasive P.133**



**Brushing**



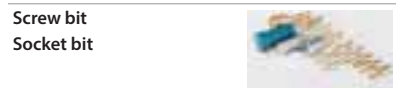
**Drilling (Masonry) P.38**



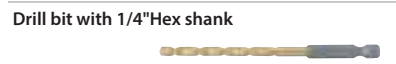
**Diamond P.157**



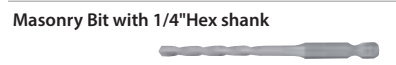
**Fastening P.64**



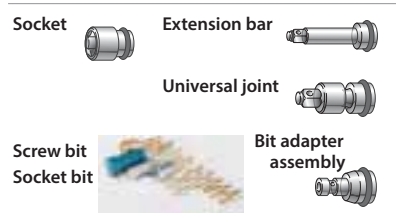
**Drilling (Wood/Metal) P.10**



**Drilling (Masonry) P.38**



**Fastening P.64**



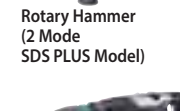
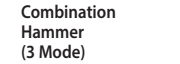
**Fastening P.64**



**Miscellaneous P.206**



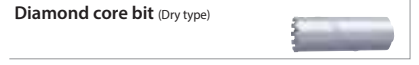
**Impact Drilling / Demolition**



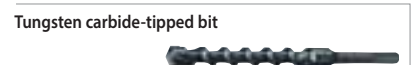
**Drilling (Wood/Metal) P.10**



**Diamond P.157**



**Drilling (Masonry) P.38**



**Cutting (New Material, Masonry, Metal)**



**Diamond P.157**



**Bonded Abrasive P.122**



**Cutting P.92**



**Jigsaw / Reciprosawing P.106**





**Grinding Sanding**



Angle Grinder

**Bonded Abrasive P.122**

Depressed center wheel Flexible grinding wheel



Cut-off wheel Thin Cut-off wheel



**Coated Abrasive P.133**

Flap Disc Multi-disc

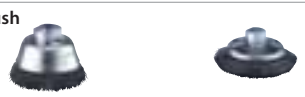


Fiber sanding disc



**Brushing P.118**

Wire brush



**Diamond P.157**

Diamond wheels



Offset diamond wheel



**Coated Abrasive P.133**

Fiber sanding disc



Wool bonnet



Wool pad



Sponge pad



100mm Diamond polishing pad (Hook & loop type)



Abrasive belt



Abrasive paper



Abrasive disc



**Brushing P.118**

Wheel



**Bonded Abrasive P.122**

Grinding wheel



**Bonded Abrasive P.122**

Grinding wheel



Concrete Planer



Disc Sander



Polisher



Stone Polisher



Belt Sander



Finishing Sander



Random Orbit Sander



Wheel Sander



Bench Grinder  
Straight Grinder



**Grinding Sanding**



Die Grinder

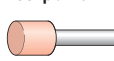
**Coated Abrasive P.133**

Flap wheel



**Bonded Abrasive P.122**

Wheel point



Tungsten carbide burrs



**Multi Tool P.147**

Multi Tool  
Accessories



**Sawing**

Slide Compound Miter Saw  
Circular Saw  
Table Saw



**Cutting P.92**

Saw blade



Jig saw



**Jigsaw / Reciprosawing P.106**

Jig saw blade



Reciprosaw blade



Reciprosaw



Band saw blade



Band saw



**Planing / Routering**

Planer



**Planing / Routering P.175**

Planer blade



Mini planer blade



Router



Router bit



**Outdoor Power Equipment**



**P.188**

Brushcutter blades



Chain blade



Shear blade



Nozzle



Nylon cutting head



**Miscellaneous**



**Hand Tool P.206**



**Pneumatic Tool P.206**

Nails



Staple





## What is Ideal for DC tool Accessories ?

Provides the greatest performance on DC tools!  
 Higher speed, more work amount on a single full battery charge and a nice sense of use.\* Here are the parties which give you the greatest performance on your MAKITA DC tools. You can find recommended accessories for DC tools with DC tool icons with an emphasized battery symbol. Try and see MAKITA's leading-edge technology.

\*Features may vary by item.





Efficient Sharp Tip's Top Angle



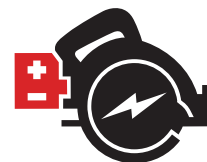
Efficient Curved Tip's Body



Efficient Slimmed Tip's Bottom



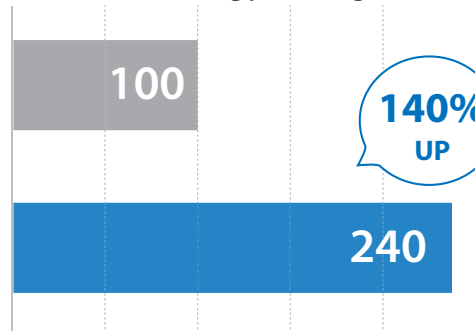
**Ideal For  
Cordless**



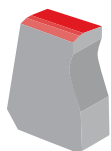
The amount of cutting per 1 charge



Current  
165mm x 48T



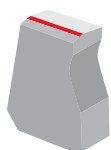
New  
165mm x 56T



Strong and least chipping



Release swarf smoothly



Superior in straight cutting

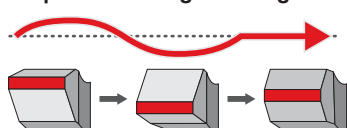


Plate: 1.2mm  
Current  
150mm x 32T

The amount of cutting per 1 charge

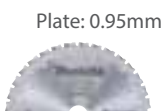
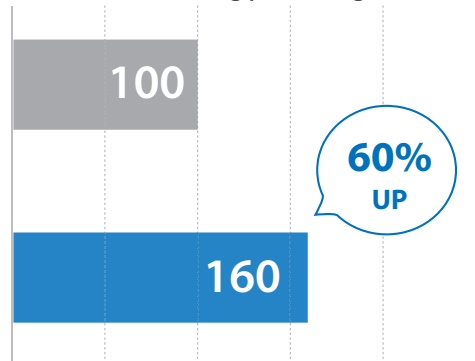
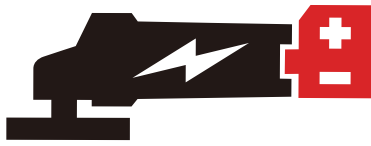


Plate: 0.95mm  
New  
150mm x 33T





0.8mm



## Thin cutting wheel

**0.8mm thickness for fast cutting**

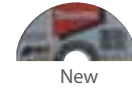
### Thinner thickness

0.8mm thinner thickness brings ... fast cutting / reduction of cutting resistance / less burr of materials / less dust of materials



100

20%  
UP



120

The amount of cutting per 1 charge

2.2mm



## 2in1 grinding wheel

**Cutting and deburring are possible in one disc**

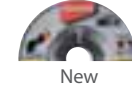
### Specialized cutting work

Thanks to "SA" grid and 2.2mm thinner thickness, it enables you to cut fast and deburring safely.



100

15%  
UP



115

The amount of cutting per 1 charge



## Flexible grinding wheel

**Low vibration and no need back-up pad**

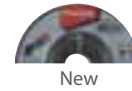
### Shock absorbed structure

Added shock absorbing material. You can feel overwhelmingly low vibration. Grinding speed is also faster because of its flexibility. It can touch materials more efficiency.



100

70%  
UP

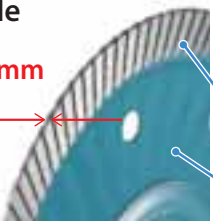


170

The amount of grinding per 1 charge

for Tile

1.4mm



## Thin diamond wheel

**Smooth & light cutting**

### Thinner thickness & enough strength

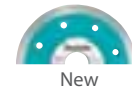
1.4mm thickness able to get smooth and light cutting.

Corrugated Rim increases wheel tension and reduces vibration during the cut.



100

60%  
UP

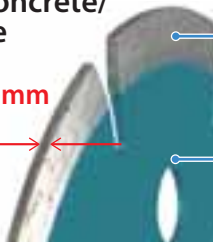


160

The amount of cutting per 1 charge

for Concrete/  
Stone

1.6mm



### Specialized cutting work

This blade is designed as 1.6mm. So smooth and light cutting is available.

It was lightened by punching the body. It is also reduce the load on the battery and increased the cutting distance per 1 battery charge.



100

50%  
UP



150

The amount of cutting per 1 charge



## Abrasive Cut-off wheel

**Specialized for Metal stud**



2.5mm



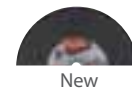
### Thinner blade & the optimum bonding

2.5mm thickness blade for smooth and fast cutting. The optimum bonding for fast cutting and longer life.



100

30%  
UP



130

The amount of cutting per 1 charge





# Impact GOLD

Xtreme Torsion Technology

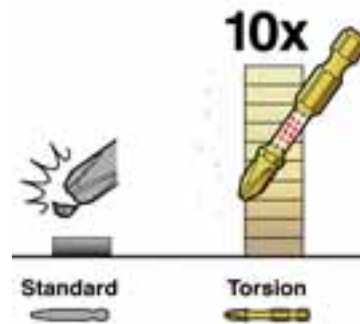
Extreme torsion technology



Torsion section flexes under load and takes pressure off bit tip



Longer life time

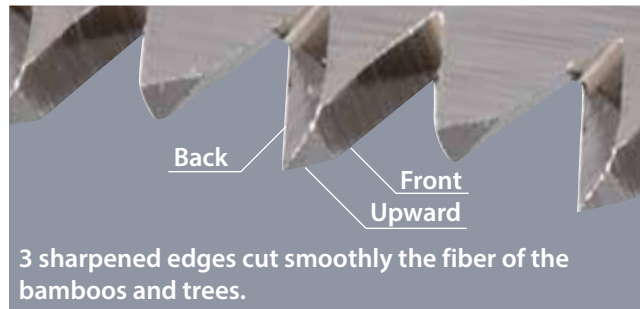


# Japanese teeth Reciprosaw Blade

0.6mm thickness Japanese teeth for fine cutting surface



Japanese teeth



For model: DR185, DJR183, DJR145, JR100D, JR103D, JR105D

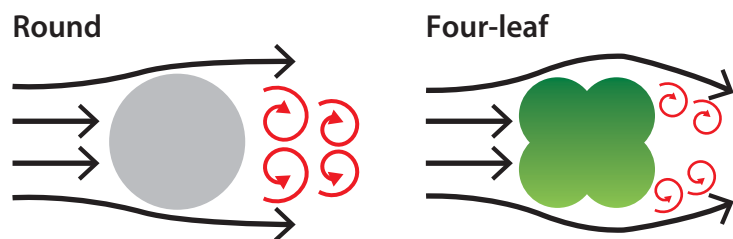


# Four-leaf Nylon cord

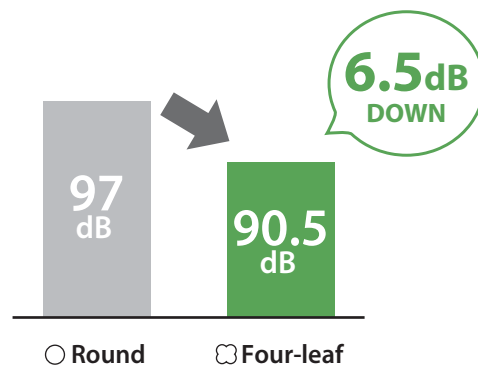
Four-Leaf Line

Diameter	Color
1.65 mm	Blue ●
2.0 mm	Green ●
2.4 mm	Orange ●
2.7 mm	Red ●

Low noise and energy saving



This shape makes small vortex and realizes low noise and energy saving feature thanks to less air resistance.



# ACCESSORIES

## Drilling (Wood/Metal)



118° chisel edge



135° split point



HSS-R



HSS-G



HSS-Co 5%



M-force



HSS-TiN



For SDS-PLUS Hammers



HM CT Tungsten carbide tipped



Use coolant.

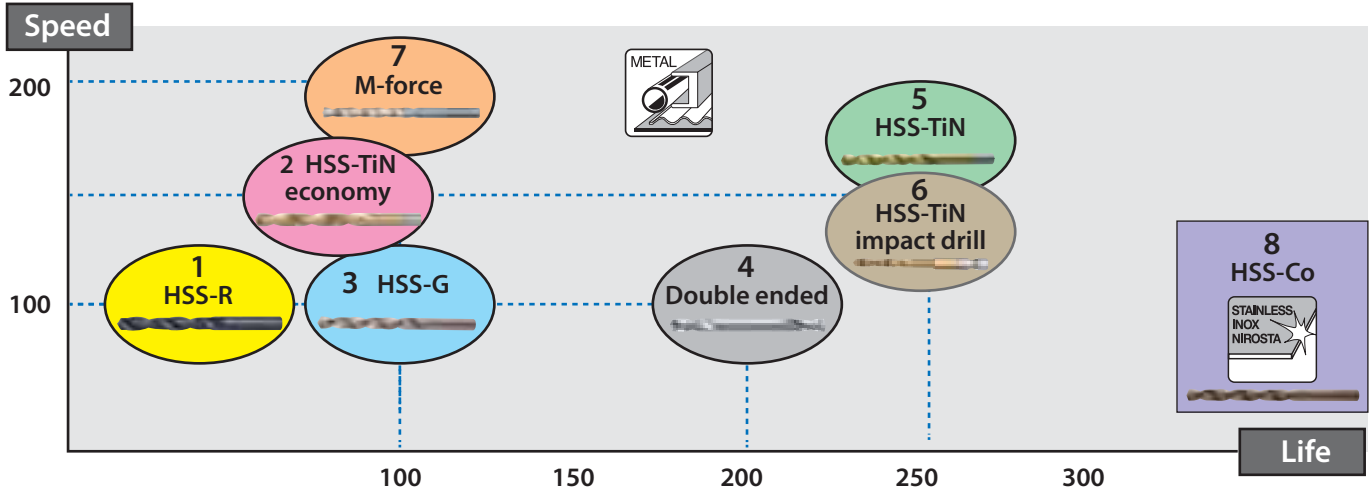
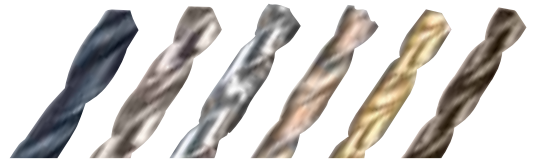


Do not drill with impact

# Accessories

## HSS metal drill bit series

Range



Description	1	2	3	4	5	6	7	8
Range	★★	★★★★	★★★★	★★★★	★★★★★	★★★★★	★★★★★	Specialized
Description	HSS-R 	HSS-TiN economy 	HSS-G 	Double ended 	HSS-TiN 	HSS-TiN impact drill 	M-force 	HSS-Co5% 
Made of								
* Process of manufacturing	Roll forged 			Ground 				
** Tip geometry	Chisel edge 118° 	Split point 135° 	Chisel edge 118° 	Split point 135° 			M-shape 	Split point 135° 
Surface	Black oxide finish  Rust resistant	TiN coating  Long life	Bright finish 		TiN coating  Long life		Amber finish  Rust resistant	
Shank	Straight (Cylindrical) 				Straight (Cylindrical) 1/4" Hex 	1/4" Hex 	Straight (Three flat)  Better grip than Cylindrical shank	Straight (Cylindrical) 

AA : Recommended    A : Acceptable





Material chart	1	2	3	4	5	6	7	8
Wood	A	A	A	A	A	A	A	
Plastic	AA	AA	AA	AA	AA	AA	AA	
Non-ferrous metal***		AA	AA	AA	AA	AA	AA	A
Sheet steel	A	AA	AA	AA	AA	AA	AA	A
Cast iron	AA	AA	AA		AA	AA	AA	AA
Alloy steel		AA	AA		AA	AA	AA	AA
Stainless steel		A	A		A	A	A	AA

\* Roll forged: Made by die-casted rolling machine. It is economical price.  
Ground: Drill bits ground from the block with excellent surface quality.

\*\* 135° split point: Ensure no walking and start fast, on contact.  
M-shape: Designed to focus on drilling smoothly and speedily.

\*\*\* Non-ferrous metal (Such as Copper, Nickel and Zinc)

# HSS metal drill bit assortment

Series	Shank	Single pkg.	Set	Assortment set		
		1 and 2pcs.	5 and 10pcs.	Size: Metric		
HSS-R	Straight	Size: Metric  1 and 2pcs.	Size: Metric  5 and 10pcs. set	 13pcs. set	 19pcs. set	 25pcs. set
HSS-TIN Economy	Straight	Size: Metric and inch  1 and 2pcs.	Size: Metric and inch  5 and 10pcs. set	Size: Inch/Metric  18pcs. set / 19pcs. set		
HSS-G	Straight	Size: Metric and inch  Metric : 1 pcs. inch : 1 and 2 pcs.	Size: Metric and inch  5 and 10pcs. set	Size: Metric  6pcs. set   10pcs. set   13pcs. set   19pcs. set   25pcs. set		
HSS-TIN	Straight	Size: Metric and inch  1 and 2pcs.	Size: Metric  5pcs. set   10pcs. set	Size: Metric  6pcs. set   10pcs. set   13pcs. set   19pcs. set		
	1/4" Hex (MZ)	Size: Metric and inch  1pcs.		Size: Inch  5pcs. set		
M-force	Straight	Size: Metric  1pcs.		Size: Metric  5pcs. set   19pcs. set   25pcs. set		
HSS-Co	Straight	Size: Metric and inch  Metric : 1 pcs. inch : 1 and 2 pcs.	Size: Metric and inch  5pcs. set	Size: Metric  6pcs. set   10pcs. set   13pcs. set   19pcs. set   25pcs. set		





**HSS-R metal drill bit**

Roll forged HSS drill bit



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
1	34	12	2	D-38283
1.5	40	18	2	D-38299
2	49	24	2	D-38308
2.5	57	30	2	D-38314
2.6	57	30	2	D-38320
2.9	61	33	2	D-46931
3	61	33	2	D-38336
3.2	65	36	2	D-38342
3.3	65	36	2	D-46713
3.5	70	39	2	D-38358
4	75	43	2	D-38364
4.2	75	43	1	D-38370
4.5	80	47	1	D-38386
4.8	86	52	1	D-38392
5	86	52	1	D-38401
5.2	86	52	1	D-46729
5.3	86	52	1	D-46947
5.5	93	57	1	D-38417
6	93	57	1	D-38423
6.5	101	63	1	D-38439
6.8	109	69	1	D-46953
7	109	69	1	D-38445
7.5	109	69	1	D-38451
8	117	75	1	D-38467
8.5	117	75	1	D-38473
8.8	125	81	1	D-46969
9	125	81	1	D-38489
10	133	87	1	D-38495
10.3	133	87	1	D-46975
10.8	142	94	1	D-46981
11	142	94	1	D-38504
12	151	101	1	D-38510
13	151	101	1	D-38526

**HSS-R 5pcs.,10pcs. metal drill bit set**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
1	34	12	10	D-38532
1.5	40	18	10	D-38548
2	49	24	10	D-38554
2.5	57	30	10	D-38560
2.9	61	33	10	D-46872
3	61	33	10	D-38576
3.2	65	36	10	D-38582
3.3	65	36	10	D-46698
3.5	70	39	10	D-38598
4	75	43	10	D-38607
4.2	75	43	10	D-38613
4.5	80	47	10	D-38629
4.8	86	52	10	D-38635
5	86	52	10	D-38641
5.2	86	52	10	D-46707

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
5.3	86	52	10	D-46888
5.5	93	57	10	D-38657
6	93	57	10	D-38663
6.5	101	63	10	D-38679
6.8	109	69	10	D-46894
7	109	69	10	D-38685
7.5	109	69	10	D-38691
8	117	75	10	D-38700
8.5	117	75	10	D-38716
8.8	125	81	10	D-46903
9	125	81	10	D-38722
9.5	125	81	10	D-38738
10	133	87	10	D-38744
10.3	133	87	5	D-46919
10.5	133	87	5	D-38750
10.8	142	94	5	D-46925
11	142	94	5	D-38766
11.5	142	94	5	D-38772
12	151	101	5	D-38788
12.5	151	101	5	D-38794
13	151	101	5	D-38803

**HSS-TiN metal drill bit economy**

Half ground HSS drill bit

\*13mm three flat shank



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
1	34	12	2	D-64004
1.5	40	18	2	D-64010
2	49	24	2	D-64026
2.5	57	30	2	D-64032
3	61	33	2	D-64048
3.5	70	39	2	D-64054
4	75	43	2	D-64060
4.5	80	47	1	D-64076
5	86	52	1	D-64082
5.5	93	57	1	D-64098
6	93	57	1	D-64107
6.5	101	63	1	D-64113
7	109	69	1	D-64129
7.5	109	69	1	D-64135
8	117	75	1	D-64141
8.5	117	75	1	D-64157
9	125	81	1	D-64163
9.5	125	81	1	D-64179
10	133	87	1	D-64185
10.5	133	87	1	D-64191
11	142	94	1	D-64200
11.5	142	94	1	D-64216
12	151	101	1	D-64222
12.5	151	101	1	D-64238
13	151	101	1	D-64244

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
14	160	108	1	*D-65741
15	169	114	1	*D-65757
16	178	120	1	*D-65763
17	184	125	1	*D-65779
18	191	130	1	*D-65785
19	198	135	1	*D-65791
20	205	140	1	*D-65800

### HSS-TiN 5pcs., 10pcs. metal drill bit economy

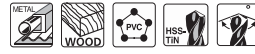
Half ground HSS drill bit



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
1	34	12	10	D-64250
1.5	40	18	10	D-64266
2	49	24	10	D-64272
2.5	57	30	10	D-64288
3	61	33	10	D-64294
3.5	70	39	10	D-64303
4	75	43	10	D-64319
4.5	80	47	10	D-64325
5	86	52	10	D-64331
5.5	93	57	10	D-64347
6	93	57	10	D-64353
6.5	101	63	10	D-64369
7	109	69	10	D-64375
7.5	109	69	10	D-64381
8	117	75	10	D-64397
8.5	117	75	5	D-64406
9	125	81	5	D-64412
9.5	125	81	5	D-64428
10	133	87	5	D-64434
10.5	133	87	5	D-64440
11	142	94	5	D-64456
11.5	142	94	5	D-64462
12	151	101	5	D-64478
12.5	151	101	5	D-64484
13	151	101	5	D-64490

### HSS-TiN metal drill bit economy

Half ground HSS drill bit



Size: inch

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
1/16"	1-7/8"	7/8"	2	D-64509
5/64"	2"	1"	2	D-64515
3/32"	2-1/4"	1-1/4"	2	D-64521
7/64"	2-5/8"	1-1/2"	2	D-64537
1/8"	2-3/4"	1-5/8"	2	D-64543
9/64"	2-7/8"	1-3/4"	2	D-64559
5/32"	3-1/8"	2"	1	D-64565
11/64"	3-1/4"	2-1/8"	1	D-64571
3/16"	3-1/2"	2-5/16"	1	D-64587
13/64"	3-5/8"	2-7/16"	1	D-64593
7/32"	3-3/4"	2-1/2"	1	D-64602
15/64"	3-7/8"	2-5/8"	1	D-64618
1/4"	4"	2-3/4"	1	D-64624
17/64"	4-1/8"	2-7/8"	1	D-64630
9/32"	4-1/4"	2-15/16"	1	D-64646
19/64"	4-3/8"	3-1/16"	1	D-64652
5/16"	4-1/2"	3-3/16"	1	D-64668
21/64"	4-5/8"	3-5/16"	1	D-64674
11/32"	4-3/4"	3-7/16"	1	D-64680
23/64"	4-7/8"	3-1/2"	1	D-64696
3/8"	5"	3-5/8"	1	D-64705
25/64"	5-1/8"	3-3/4"	1	D-64711
13/32"	5-1/4"	3-7/8"	1	D-64727
27/64"	5-3/8"	3-15/16"	1	D-64733
7/16"	5-1/2"	4-1/16"	1	D-64749
29/64"	5-5/8"	4-3/16"	1	D-64755
15/32"	5-3/4"	4-5/16"	1	D-64761
31/64"	5-7/8"	4-3/8"	1	D-64777
1/2"	6"	4-1/2"	1	D-64783

### HSS-TiN 5pcs., 10pcs. metal drill bit economy

Half ground HSS drill bit



Size: inch

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
1/16"	1-7/8"	7/8"	10	D-64799
5/64"	2"	1"	10	D-64808
3/32"	2-1/4"	1-1/4"	10	D-64814
7/64"	2-5/8"	1-1/2"	10	D-64820
1/8"	2-3/4"	1-5/8"	10	D-64836
9/64"	2-7/8"	1-3/4"	10	D-64842
5/32"	3-1/8"	2"	10	D-64858
11/64"	3-1/4"	2-1/8"	10	D-64864
3/16"	3-1/2"	2-5/16"	10	D-64870
13/64"	3-5/8"	2-7/16"	10	D-64886
7/32"	3-3/4"	2-1/2"	10	D-64892
1/4"	4"	2-3/4"	10	D-64901
5/16"	4-1/2"	3-3/16"	10	D-64917
3/8"	5"	3-5/8"	5	D-64923
7/16"	5-1/2"	4-1/16"	5	D-64939
1/2"	6"	4-1/2"	5	D-64945

**HSS-G metal drill bit**

Fully ground HSS drill bit



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	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

**HSS-G 5pcs.,10pcs. metal drill bit set**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	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

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
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



Size: inch

Bit diameter	Overall length	Working length	Per pkg.	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
9/64"	2-7/8"	1-3/4"	2	D-22280
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

**HSS-G 5pcs,10pcs. metal drill bit set**

Size: inch

Bit diameter	Overall length	Working length	Per pkg.	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

Bit diameter	Overall length	Working length	Per pkg.	Part No.
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 (Black oxide)**

Fully ground HSS drill bit



Size: inch

Bit diameter	Overall length	Working length	Per pkg.	Part No.
1/16"	1-7/8"	7/8"	2	D-59916
5/64"	2"	1"	2	D-59922
3/32"	2-1/4"	1-1/4"	2	D-59938
7/64"	2-5/8"	1-1/2"	2	D-59944
1/8"	2-3/4"	1-5/8"	2	D-59950
9/64"	2-7/8"	1-3/4"	2	D-59966
5/32"	3-1/8"	2"	1	D-59972
11/64"	3-1/4"	2-1/8"	1	D-59988
3/16"	3-1/2"	2-5/16"	1	D-59994
13/64"	3-5/8"	2-7/16"	1	D-60006
7/32"	3-3/4"	2-1/2"	1	D-60012
15/64"	3-7/8"	2-5/8"	1	D-60028
1/4"	4"	2-3/4"	1	D-60034
17/64"	4-1/8"	2-7/8"	1	D-60040
9/32"	4-1/4"	2-15/16"	1	D-60056
19/64"	4-3/8"	3-1/16"	1	D-60062
5/16"	4-1/2"	3-3/16"	1	D-60078
21/64"	4-5/8"	3-5/16"	1	D-60084
11/32"	4-3/4"	3-7/16"	1	D-60090
23/64"	4-7/8"	3-1/2"	1	D-60109
3/8"	5"	3-5/8"	1	D-60115
25/64"	5-1/8"	3-3/4"	1	D-60121
13/32"	5-1/4"	3-7/8"	1	D-60137
27/64"	5-3/8"	3-15/16"	1	D-60143
7/16"	5-1/2"	4-1/16"	1	D-60159
29/64"	5-5/8"	4-3/16"	1	D-60165
15/32"	5-3/4"	4-5/16"	1	D-60171
31/64"	5-7/8"	4-3/8"	1	D-60187
1/2"	6"	4-1/2"	1	D-60193



**Double ended drill bit**

Fully ground HSS drill bit



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
2	38	7.5	10	B-26652
2.5	43	10	10	B-33772
3	46	10.6	10	B-26668
3.1	49	11	10	B-26674
3.2	49	11	10	B-26680
3.3	49	11	10	B-26696
3.5	52	13	10	B-26705
3.8	55	14	10	B-26711
4	55	14	10	B-26727
4.1	55	14	10	B-26733
4.2	55	14	10	B-26749
4.3	55	14	10	B-26755
4.5	58	16	10	B-26761
4.8	62	17	10	B-26777
4.9	62	17	10	B-26783
5	62	17	10	B-26799
5.1	62	17	10	B-26808
5.2	62	17	10	B-26814
5.5	66	19	10	B-26820
6	66	19	10	B-26836
6.5	70	21	10	B-33788
8	79	25	10	B-26842
10	89	25	10	B-26858



Size: inch

Bit diameter	Overall length	Working length	Per pkg.	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

**HSS-TiN metal drill bit**

Fully ground HSS drill bit



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
1	34	12	2	D-42955
1.5	40	18	2	D-42961
2	49	24	2	D-42977
2.5	57	30	2	D-42983

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
2.6	57	30	2	D-42999
3	61	33	2	D-43000
3.2	65	36	2	D-43016
3.3	65	36	2	D-43022
3.5	70	39	2	D-43038
4	75	43	2	D-43044
4.1	75	43	1	D-43050
4.2	75	43	1	D-43066
4.5	80	47	1	D-43072
4.8	86	52	1	D-43088
5	86	52	1	D-43094
5.2	86	52	1	D-43103
5.5	93	57	1	D-43119
6	93	57	1	D-43125
6.5	101	63	1	D-43131
7	109	69	1	D-43147
7.5	109	69	1	D-43153
8	117	75	1	D-43169
8.5	117	75	1	D-43175
9	125	81	1	D-43181
9.5	125	81	1	D-43197
10	133	87	1	D-43206
10.5	133	87	1	D-45375
11	142	94	1	D-43212
11.5	142	94	1	D-45381
12	151	101	1	D-43228
12.5	151	101	1	D-45397
13	151	101	1	D-43234

**HSS-TiN 10pcs. metal drill bit set**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
1	34	12	10	D-43240
1.5	40	18	10	D-43256
2	49	24	10	D-43262
2.5	57	30	10	D-43278
3	61	33	10	D-43284
3.2	65	36	10	D-43290
3.3	65	36	10	D-43309
3.5	70	39	10	D-43315
4	75	43	10	D-43321
4.1	75	43	10	D-43337
4.2	75	43	10	D-43343
4.5	80	47	10	D-43359
4.8	86	52	10	D-43365
5	86	52	10	D-43371
5.2	86	52	10	D-43387
5.5	93	57	10	D-43393
6	93	57	10	D-43402
6.5	101	63	10	D-43418
7	109	69	10	D-43424
7.5	109	69	10	D-43430
8	117	75	10	D-43446
8.5	117	75	10	D-43452
9	125	81	10	D-43468
9.5	125	81	10	D-43474
10	133	87	10	D-43480

**HSS-TiN 5pcs. metal drill bit set**

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
10.5	133	87	5	D-43496
11	142	94	5	D-43505
11.5	142	94	5	D-43511
12	151	101	5	D-43527
12.5	151	101	5	D-43533
13	151	101	5	D-43549

**HSS-TiN metal drill bit**

Fully ground HSS drill bit



Size: inch

Bit diameter	Overall length	Working length	Per pkg.	Part No.
1/16"	1-7/8"	7/8"	2	D-60202
5/64"	2"	1"	2	D-60218
3/32"	2-1/4"	1-1/4"	2	D-60224
7/64"	2-5/8"	1-1/2"	2	D-60230
1/8"	2-3/4"	1-5/8"	2	D-60246
9/64"	2-7/8"	1-3/4"	2	D-60252
5/32"	3-1/8"	2"	1	D-60268
11/64"	3-1/4"	2-1/8"	1	D-60274
3/16"	3-1/2"	2-5/16"	1	D-60280
13/64"	3-5/8"	2-7/16"	1	D-60296
7/32"	3-3/4"	2-1/2"	1	D-60305
15/64"	3-7/8"	2-5/8"	1	D-60311
1/4"	4"	2-3/4"	1	D-60327
17/64"	4-1/8"	2-7/8"	1	D-60333
9/32"	4-1/4"	2-15/16"	1	D-60349
19/64"	4-3/8"	3-1/16"	1	D-60355
5/16"	4-1/2"	3-3/16"	1	D-60361
21/64"	4-5/8"	3-5/16"	1	D-60377
11/32"	4-3/4"	3-7/16"	1	D-60383
23/64"	4-7/8"	3-1/2"	1	D-60399
3/8"	5"	3-5/8"	1	D-60408
25/64"	5-1/8"	3-3/4"	1	D-60414
13/32"	5-1/4"	3-7/8"	1	D-60420
27/64"	5-3/8"	3-15/16"	1	D-60436
7/16"	5-1/2"	4-1/16"	1	D-60442
29/64"	5-5/8"	4-3/16"	1	D-60458
15/32"	5-3/4"	4-5/16"	1	D-60464
31/64"	5-7/8"	4-3/8"	1	D-60470
1/2"	6"	4-1/2"	1	D-60486

**HSS-TiN metal drill bit**

Fully ground HSS drill bit



Type MZ

Bit diameter (mm)	Length (mm)	Working length (mm)	Shank Type	Per pkg.	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

Type NZ

Bit diameter (mm)	Length (mm)	Working length (mm)	Shank Type	Per pkg.	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

Size: inch

Type MZ

Bit diameter	Length	Working length	Shank Type	Per pkg.	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

**Rivet drill bit 1/4" Hex. shank**

Fully ground HSS drill bit



Type MZ

Bit diameter	Length	Working length	Shank Type	Per pkg.	Part No.
3.3	50	25	MZ	10	B-56437

### HSS-TiN Impact drill bit with 1/4" Hex. shank

1/4" hex shank HSS-TiN drill bit designed for impact driver. Bit and shank is intergal and life time is longer than current riveting type 1/4 hex shank.



Type MZ

Bit diameter (mm)	Length (mm)	Working length (mm)	Shank Type	Per pkg.	Part No.
3	64	26	MZ	1	B-50887
3.2	67	29	MZ	1	B-50893
3.3	70	29	MZ	1	B-50902
3.5	70	29	MZ	1	B-50918
4	71	30	MZ	1	B-50924
4.2	71	31	MZ	1	B-50930
4.5	75	31	MZ	1	B-50946
5	78	33	MZ	1	B-50952
5.5	78	35	MZ	1	B-50968
6	80	37	MZ	1	B-50974
6.5	81	38	MZ	1	B-50980
7	89	45	MZ	1	B-50996
7.5	95	50	MZ	1	B-51007
8	102	50	MZ	1	B-51013
8.5	102	50	MZ	1	B-51029
9	102	50	MZ	1	B-51035
10	102	50	MZ	1	B-51041
11	102	50	MZ	1	B-51057
12	102	50	MZ	1	B-51063
13	102	50	MZ	1	B-51079

Type NZ

Bit diameter (mm)	Length (mm)	Working length (mm)	Shank Type	Per pkg.	Part No.
3	64	26	NZ	1	B-51085
3.2	67	29	NZ	1	B-51091
3.3	70	29	NZ	1	B-51100
3.5	70	29	NZ	1	B-51116
4	71	30	NZ	1	B-51122
4.2	71	31	NZ	1	B-51138
4.5	75	31	NZ	1	B-51144
5	78	33	NZ	1	B-51150
5.5	78	35	NZ	1	B-51166
6	80	37	NZ	1	B-51172
6.5	81	38	NZ	1	B-51188
7	89	45	NZ	1	B-51194
7.5	95	50	NZ	1	B-51203
8	102	50	NZ	1	B-51219
8.5	102	50	NZ	1	B-51225
9	102	50	NZ	1	B-51231
10	102	50	NZ	1	B-51247
11	102	50	NZ	1	B-51253
12	102	50	NZ	1	B-51269
13	102	50	NZ	1	B-51275

### HSS-G impact drill bit (Black oxide) with 1/4" Hex. shank

1/4" hex shank Black oxide drill bit designed for impact driver. Bit and shank is intergal and life time is longer than current riveting type 1/4 hex shank.



Size: inch

Type MZ

Bit diameter (mm)	Length (mm)	Working length (mm)	Shank Type	Per pkg.	Part No.
1/8"	2-5/8"	1-1/8"	MZ	1	A-97748
9/64"	2-3/4"	1-1/8"	MZ	1	A-97754
5/32"	2-13/16"	1-3/16"	MZ	1	A-97760
11/64"	2-15/16"	1-3/16"	MZ	1	A-97776
3/16"	3"	1-1/4"	MZ	1	A-97782
13/64"	3-1/16"	1-3/8"	MZ	1	A-97798
7/32"	3-1/16"	1-3/8"	MZ	1	A-97807
1/4"	3-3/16"	1-1/2"	MZ	1	A-97813
5/16"	4"	1-31/32"	MZ	1	A-97829
3/8"	4"	1-31/32"	MZ	1	A-97835
1/2"	4"	1-31/32"	MZ	1	A-97841

### M-Force HSS metal drill bit

Fully ground HSS drill bit



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	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

**HSS-Co metal drill bit (Cobalt 5%)**

Fully ground HSS drill bit



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	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

**HSS-Co 5pcs. metal drill bit (Cobalt 5%)**

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	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

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
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



Size: inch

Bit diameter	Overall length	Working length	Per pkg.	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



### HSS-Co 5pcs.metal drill bits (Cobalt 5%)



Size: inch

Bit diameter	Overall length	Working length	Per pkg.	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-R metal drill bit assortment



Per pkg.	Set contents	Part No.
13pcs. Metal box set	1pc each 1.0 to 6.5mm by 13pcs.	D-54075
19pcs. Metal box set	1pc each 1.0 to 10.0mm by 19pcs.	D-54081
25pcs. Metal box set	1pc each 1.0 to 13.0mm by 25pcs.	D-54097

### HSS-TiN metal drill bit economy assortment



Size: inch

Per pkg.	Set contents	Part No.
19pcs. Injection case set	1.5x2, 2x2, 2.5x2, 3x2, 3.2, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8, 10mm	D-67527

Size: inch

Per pkg.	Set contents	Part No.
18pcs. Injection case set	2x1/16",5/64",2x3/32",7/64", 2x1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 1/4", 5/16", 3/8",1/2"	D-70471

### HSS-G metal drill bit assortment



Per pkg.	Set contents	Part No.
6pcs. Assortment	2, 3, 4, 5, 6, 8mm (1pc.each)	D-57196
10pcs. Assortment	1, 2, 3, 4, 5, 6, 7, 8, 9, 10mm (1pc.each)	D-57205
19pcs. Index set	1pc each 1.0 to 10.0mm by 19pcs.	D-29941
25pcs. Index set	1pc each 1.0 to 13.0mm by 25pcs.	D-50457
13pcs. Metal box set	1pc each 1.0 to 6.5mm by 13pcs.	D-54019
19pcs. Metal box set	1pc each 1.0 to 10.0mm by 19pcs.	D-54025
25pcs. Metal box set	1pc each 1.0 to 13.0mm by 25pcs.	D-54031

### HSS metal drill bit 5pcs. assortment

Fully ground HSS drill bit with bright edge and titanium coated flute finish



Set contents	Part No.
4 x 75, 5 x 86, 6 x 93, 8 x 117, 10 x 133mm (1pc.each)	D-30514

### 170pcs. assortment with metal box

Fully ground HSS drill bit with bright edge and titanium coated flute finish



Size	Part No.
metric size	D-30564

**HSS-TiN metal drill bit assortment**

Per pkg.	Set contents	Part No.
6pcs. Assortment	2, 3, 4, 5, 6, 8mm (1pc.each)	D-43555
10pcs. Assortment	1, 2, 3, 4, 5, 6, 7, 8, 9, 10mm (1pc.each)	D-43561
13pcs. Assortment	1.5, 2, 2.5, 3, 3.2, 3.5, 4, 4.5, 4.8, 5, 5.5, 6, 6.5mm (1pc.each)	D-43577
19pcs. Assortment	1.5x2, 2x2, 2.5x2, 3x2, 3.2, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8, 10mm	B-67795

**HSS TiN metal drill bit assortment with 1/4" Hex. shank**

Type MZ

Per pkg.	Set contents	Part No.
5pcs. Assortment	1/8", 5/32", 3/16", 1/4", 5/16" (1pc. each)	D-35318

**HSS-TiN Impact drill bit with 1/4" Hex. shank assortment**

1/4" hex shank HSS-TiN drill bit designed for impact driver. Bit and shank is intergal and life time is longer than current riveting type 1/4 hex shank.



Type MZ

Per pkg.	Set contents	Part No.
5pcs. Assortment	3, 4, 5, 6, 8mm (1pc. each)	B-57308

**M-force HSS metal drill assortment**

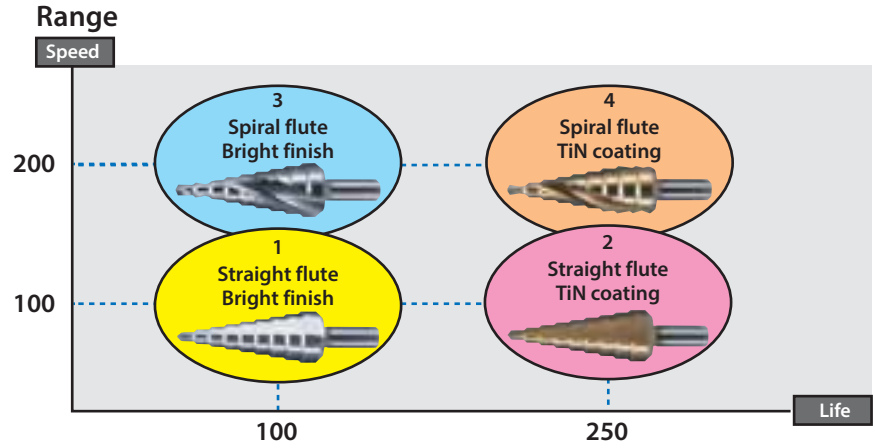
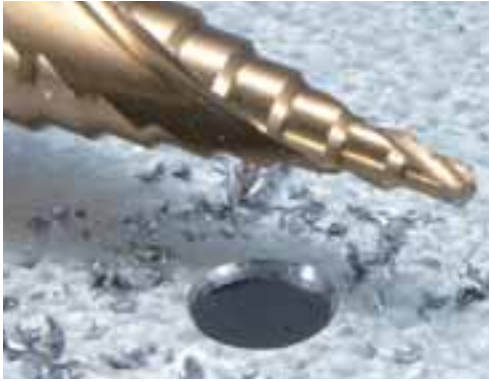
Per pkg.	Set contents	Part No.
5pcs. Assortment	4 x 75, 5 x 86, 6 x 93, 8 x 117, 10 x 133mm (1pc.each)	D-30508
19pcs. Assortment	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10mm(1pc. each)	D-29876
25pcs. Assortment	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm(1pc. each)	D-29882

**HSS-Co metal drill bit assortment**

Per pkg.	Set contents	Part No.
6pcs. Assortment	2, 3, 4, 5, 6, 8mm (1pc.each)	D-57168
10pcs. Assortment	1, 2, 3, 4, 5, 6, 7, 8, 9, 10mm (1pc.each)	D-57174
13pcs. Assortment	1.5, 2, 2.5, 3, 3.2, 3.5, 4, 4.5, 4.8, 5, 5.5, 6, 6.5mm (1pc.each)	D-57180
19pcs. Assortment	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10mm(1pc. each)	D-50762
25pcs. Assortment	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm(1pc. each)	D-50778

# Accessories

## Step drill bit



Material chart

AA: Recommended A: Acceptable

Description	Flute	Surface	Shank	Material				
				Plastic	* Non-ferrous metal	Sheet steel	Alloy steel	Cast iron
1		Bright finish	Three flat or 1/4"Hex	AA	AA	AA	A	A
2		Titanium coating		AA	AA	AA	A	A
3		Bright finish		AA	AA	AA	A	A
4		Titanium coating		AA	AA	AA	A	A

\*Non-ferrous metal (Such as Copper, Nickel and Zinc)

## Countersink bit



Material chart

AA: Recommended A: Acceptable

Description	Made of	Type	Shank	Material					
				Wood	Plastic	*Non-ferrous metal	Cast iron	Alloy steel	Stainless steel
7cutting edge 	Alloy steel 	 Shallow sinking	1/4"Hex	AA	AA	AA	AA		
5cutting edge 	High speed steel	Suitable for flat countersinking.	Straight shank	AA	AA	AA	AA	AA	
3cutting edge 	HSS 	 Deep sinking	1/4"Hex (C-form)	AA	AA	AA	AA	AA	
3cutting edge 		Suitable for deep countersinking.	Straight shank	AA	AA	AA	AA	AA	
Slanting hole  It's for higher heat and abrasion resistance. Suitable for drilling tough metal.	High speed steel  (Cobalt content 5%)	Shallow sinking  Suitable for flat countersinking. Especially in thin metal sheets.	Straight shank		AA	AA	AA	AA	A

\*Non-ferrous metal (Such as Copper, Nickel and Zinc)

**Cone drill bit**

Straight shank (Three flat)

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Part No.
3-14	58	38	Straight (Three flat)	1	D-40048
4-20	71	51	Straight (Three flat)	1	D-40054

**Cone drill bit**

Straight shank (Three flat)

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Part No.
16-30.5	76	51	Straight (Three flat)	1	D-40060
24-40	89	64	Straight (Three flat)	1	D-40076

**Step drill bit straight flute**

Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Part No.
4-12	65	45	1/4"Hex(MZ)	1	D-40082
4-20	75	53	1/4"Hex(MZ)	1	D-40098

Type NZ

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)

4-32	102	80	Straight (Three flat)	1	D-40107
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**Step drill bit straight flute titanium coating**

Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Part No.
4-12	65	45	1/4"Hex(MZ)	1	D-40113
4-20	75	53	1/4"Hex(MZ)	1	D-40129

Type NZ

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)

4-32	102	80	Straight (Three flat)	1	D-40135
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**Step drill bit spiral flute**

Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Part No.
4-12	65	45	1/4"Hex(MZ)	1	D-40141
4-20	75	53	1/4"Hex(MZ)	1	D-40157

Type NZ

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)

4-32	102	80	Straight (Three flat)	1	D-40163
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**Step drill bit spiral flute titanium coating**

Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank type	Per pkg.	Part No.
4-20	75	53	1/4"Hex(MZ)	1	D-40185
4-12	65	45	1/4"Hex(MZ)	1	D-40179

Type NZ

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)

4-32	102	80	Straight (Three flat)	1	D-40191
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**Step drill bit straight flute titanium coating**

Size: inch

Type MZ

Bit diameter	Overall length	Working length	Shank type	Per pkg.	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)

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**

Size: inch

Straight shank (Three flat)

Bit diameter	Overall length	Working length	Shank type	Per pkg.	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**



Size: inch  
Type MZ

Bit diameter	Overall length	Working length	Shank type	Per pkg.	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**



Bit diameter	Overall length	Working length	Shank type	Per pkg.	Part No.
4-12	65	45	1/4"Hex(MZ)	1	D-41872
4-20	75	53	1/4"Hex(MZ)	1	
4-32	102	80	Straight (Three flat)	1	

**Countersink bit with seven 90° cutting edges**



1/4" Hex. shank

Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Part No.
13	50	1	-	D-37306

**Countersink bit with three 90° cutting edges**



1/4" Hex. Shank C-form

Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Part No.
6.3	31	1	M3	D-37312
8.3	31	1	M4	D-37328
10.4	34	1	M5	D-37334
12.4	35	1	M6	D-37340
16.5	40	1	M8	D-37356
20.5	41	1	M10	D-37362

**Countersink bit with five 90° cutting edges**



Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Part No.
6	48	1	M3	D-37378
8	48	1	M4	D-37384
10	40	1	M5	D-37390
12	40	1	M6	D-37409
16	43	1	M8	D-37415
20	45	1	M10	D-37421

**Countersink bit with three 90° cutting edges**



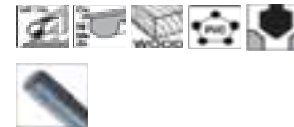
Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Part No.
6.3	45	1	M3	D-37437
8.3	50	1	M4	D-37443
10.4	50	1	M5	D-37459
12.4	56	1	M6	D-37465
16.5	60	1	M8	D-37471
20.5	63	1	M10	D-37487
25	67	1	M12	D-37493

**Slanting hole countersink bit**



Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Part No.
2-5	45	1	-	D-37502
5-10	48	1	-	D-37518
10-15	65	1	-	D-37524
15-20	85	1	-	D-37530

**Countersink bit with five 82° cutting edges**



Size: inch

Bit diameter	Overall length	Per pkg.	Application	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



**Countersink bit titanium coating with five 82° cutting edges**



Size: inch

Bit diameter	Overall length	Per pkg.	Application	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**



Size: inch  
Type MZ

Bit diameter	Overall length	Per pkg.	Application	Part No.
1/2"	2"	1	-	B-30069
5/8"	2"	1	-	B-30075
3/4"	2"	1	-	B-30081

**Countersink bit titanium coating with five 82° cutting edges**



(1/4" Hex. Shank E-form)  
Size: inch  
Type MZ

Bit diameter	Overall length	Per pkg.	Application	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**



Bit diameter (mm)	Overall length (mm)	Per pkg.	Application	Part No.
6.3	45	1	M3	D-42204
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	

**3 pc. Countersink with drill bit set (with Hex wrench)**



Size: inch

Type MZ

Per pkg.	Set contents	Part No.
3	9/64" (#6), 11/64" (#8), 3/16" (#10) (Comes with hex wrench)	A-99661

**Countersink with drill bit (with Hex wrench)**

Size: inch  
Type MZ



Bit diameter	Overall length	Per pkg.	Application	Part No.
9/64"	3-5/8"	1	#6	A-99677
11/64"	4"	1	#8	A-99683
3/16"	4-1/4"	1	#10	A-99699
7/32"	4-1/2"	1	#12	A-99708

**Countersink replacement drill bit**

Size: inch  
Type MZ



Bit diameter	Overall length	Per pkg.	Application	Part No.
9/64"	3-5/8"	1	#6	A-99714
11/64"	4"	1	#8	A-99720
3/16"	4-1/4"	1	#10	A-99736
7/32"	4-1/2"	1	#12	A-99742



# Accessories

## Wood drill bit series

	Description	Point	Shank	Diameter	Material			
					Thickness	Wood	Wood with nail	Plywood
<b>Flat bit</b> 	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  1/4"Hex 	6 - 36mm 1/4" - 1-1/2"  1/4" - 1-1/4"		AA		
<b>Wood drill bit</b> 	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  1/4"Hex 	3 - 20mm 1/8" - 3/4"  3 - 15mm		AA		A
<b>Single spur auger bit</b> 	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  1/4"Hex 	6 - 30mm 1/4" - 1-1/4"  6 - 21mm		AA		A
<b>Ship auger bit</b> 	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"		A	AA	A
<b>Formwork drill</b> 	Can be used on formboard or 2x4 timbers at once because of their long overall length (400 & 600mm)	Chisel edge 	Straight 	8 - 30mm		A	A	AA
<b>Self feeding bit</b> 	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"		AA		
<b>Forstner drill bit</b> 	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"		AA		
<b>Adjustable circle cutter</b> 	Adjustable drilling diameter and able to work on plaster board mainly. Suitable for plumbing and installation of the downlight.	Chisel edge 	Straight 	30 - 200mm		A		A

**Flat bit**



Bit diameter (mm)	Overall length (mm)	Part No.
6	150	D-07674
8	150	D-07680
10	150	D-07696
12	150	D-07705
13	150	D-67614
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	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**



Type MZ

Bit diameter	Overall length	Shank Type	Per pkg.	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**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	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

Size: inch

Bit diameter	Overall length	Working length	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

**Wood drill bit assortment**



Per pkg.	Set contents	Part No.
5pc. Assortment	4, 5, 6, 8, 10 mm (1pc.each)	D-57211
8pc. Assortment	3, 4, 5, 6, 7, 8, 9, 10 mm (1pc.each)	D-57227

**Brad point wood drill bit with 1/4" Hex. shank**



Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank Type	Per pkg.	Part No.
2	69	24	MZ	1	D-62371
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

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

**Brad point wood drill bit with 1/4" Hex. shank assortment**



Type MZ

Per pkg.	Set contents	Part No.
7pc. Assortment	2, 3, 3, 4, 5, 6, 8, mm	D-62371

**Single spur auger bit with straight shank**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	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

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
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
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	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

Bit diameter	Overall length	Working length	Part No.
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
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

\*5/16" Hex. Shank

Nail cutting type



Bit diameter (mm)	Overall length (mm)	Working length (mm)	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

Size: inch

Bit diameter	Overall length	Working length	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

Bit diameter	Overall length	Working length	Part No.
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



Type MZ

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank Type	Per pkg.	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.	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



**Formwork drill bit**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
8	400	75	1	D-70219
10	400	87	1	D-70225
12	400	101	1	D-70231
14	400	108	1	D-70247
16	400	100	1	D-70253
18	400	100	1	D-70269
20	400	100	1	D-70275
22	400	100	1	D-70281
24	400	100	1	D-70297
26	400	100	1	D-70306
28	400	100	1	D-70312
30	400	100	1	D-70328
8	600	75	1	D-70334
10	600	87	1	D-70340
12	600	101	1	D-70356
14	600	108	1	D-70362
16	600	100	1	D-70378
18	600	100	1	D-70384
20	600	100	1	D-70390
22	600	100	1	D-70409
24	600	100	1	D-70415
26	600	100	1	D-70421
28	600	100	1	D-70437
30	600	100	1	D-70443

**Shiitake drill spiral type**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
12	80	45	B-49747

**Shiitake drill stopper type**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
12	76	36	B-49753

**Self feeding bit with 7/16" Hex. shank**



Bit diameter	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**



For self feeding bit size	Per pkg.	Part No.
1"- 2-9/16"	10	D-30156
3"	10	D-30162

**Extension bar**



Size	Per pkg.	Part No.
5-1/2"(140mm)	1	D-35645
12"(305mm)	1	D-35651
18"(457mm)	1	D-35639

**7 pcs. Self Feeding bit set**

Bit diameter (1 pc.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.)



Part No.
D-36005

**Forstner bit**

Bit diameter (mm)	Part No.	Bit diameter	Part No.
10	D-41844	30	D-42260
15	D-41925	32	D-42276
20	D-42232	35	D-42282
25	D-42248	40	D-42298
26	D-42254	50	D-42307

Size: inch

Bit diameter	Part No.	Bit diameter	Part No.
1/4"	D-50588	1-1/4"	D-50669
3/8"	D-50594	1-3/8"	D-50675
1/2"	D-50603	1-1/2"	D-50681
5/8"	D-50619	1-5/8"	D-50697
3/4"	D-50625	1-3/4"	D-50706
7/8"	D-50631	1-7/8"	D-50712
1"	D-50647	2"	D-50728
1-1/8"	D-50653	2-1/8"	D-50734

**Forstner bit 5pc. set with wooden case**

Bit diameter

15mm, 20mm, 25mm, 30mm, 35mm



Part No.

D-47363

**Adjustable circle cutter**

Size(mm)	Part No.
30-120	D-57093
30-200	D-57102

**Spare blade**

Per pkg.

2

Part No.

D-57118

# Accessories

## Holesaw

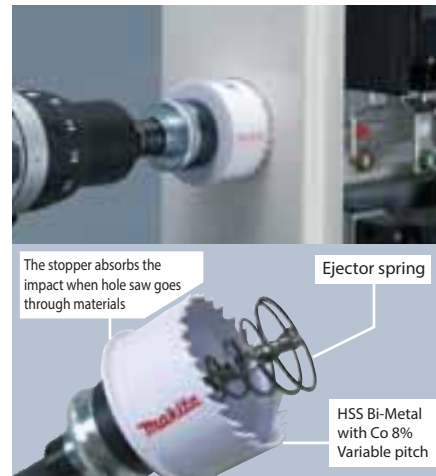
### Ezychange BiM holesaw



### BiM holesaw



### BiM holesaw for sheet metal



### Multi purpose TCT holesaw



### TCT holesaw



### TCT grit holesaw



## Material chart

AA: Recommended    A: Acceptable

Application	Steel	Inox Stainless	Aluminum	Non ferrous Metal	Wood	MDF	PLASTER BOARD	PVC	FRP	SOFT TILE	Brick	Lime stone	Marble
	METAL	STAINLESS INOX NIFROSTA	ALU	Cu CS Ni Ms Zn	WOOD			PVC	FIBREGLASS				
Ezy BiM <i>Ezychange</i>	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	A	
TCT	AA	AA	A	A				AA	AA				
TC grit										AA	AA		
Vacuum brazed diamond										AA	AA	AA	AA
Diamond wet holesaw										AA			AA
Carbide Steel					AA		AA	AA					

## Ezychange BiM holesaw

Tool-less change of pilot drill and holesaw (dia.14-152mm) in the Ezychange adaptor.



### Ezychange

Size(mm)	Working length (mm)	Part No.	Size(mm)	Working length (mm)	Part No.
16	40	B-11265	56	40	B-31756
17	40	B-31706	57	40	B-11411
19	40	B-11271	60	40	B-11427
20	40	B-11287	64	40	B-11433
22	40	B-11293	65	40	B-16760
24	40	B-11302	68	40	B-11449
25	40	B-11318	70	40	B-11455
27	40	B-31712	73	40	B-31762
29	40	B-11324	76	40	B-11461
30	40	B-11330	79	40	B-31778
32	40	B-11346	83	40	B-11477
35	40	B-11352	86	40	B-31784
37	40	B-31728	92	40	B-11483
38	40	B-11368	95	40	B-31790
40	40	B-16754	102	40	B-11499
41	40	B-11374	105	40	B-11508
44	40	B-11380	111	40	B-31809
46	40	B-31734	114	40	B-31815
48	40	B-11396	121	40	B-31821
51	40	B-11405	127	40	B-11514
52	40	B-31740	140	40	B-31837
54	40	B-18194	152	40	B-11520

## Accessories for Ezychange BiM holesaw

Pilot drill



Adapter



Description	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	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 x2pcs.	B-18188

## 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.



Size(mm)	Working length (mm)	Part No.	Size(mm)	Working length (mm)	Part No.
14	38	D-35368	57	38	D-17099
16	38	D-16994	59	38	D-35499
17	38	D-35374	60	38	D-25688
19	38	D-17005	64	38	D-30140
20	38	D-17251	65	38	D-24882
21	38	D-35380	67	38	D-35508
22	38	D-17011	68	38	D-17108
24	38	D-17027	70	38	D-25694
25	38	D-17033	73	38	D-35514
27	38	D-35396	76	38	D-17114
29	38	D-17267	79	38	D-35520
30	38	D-35405	80	38	D-33869
32	38	D-17049	83	38	D-17120
33	38	D-35411	86	38	D-35536
35	38	D-17055	89	38	D-35542
37	38	D-35427	92	38	D-17136
38	38	D-17061	95	38	D-35558
40	38	D-17273	98	38	D-35564
41	38	D-35433	102	38	D-35570
43	38	D-35449	105	38	D-17142
44	38	D-17077	108	38	D-35586
46	38	D-35455	111	38	D-35592
48	38	D-35461	114	38	D-35601
51	38	D-17083	121	38	D-35617
52	38	D-35477	127	38	D-17158
54	38	D-24876	140	38	D-35623
56	38	D-35483	152	38	D-17164

### Accessories for BiM hole saw

Pilot drill



Adapter



Application	Fits holesaws	Part No.
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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

Pilot drill

Length 71mm	All	D-17192
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### BiM holesaw assortment

Most six common sizes for Plumber & Electrician.

A: 11 mm (\*7/16")

Adapter with pilot drill



B: 9.5mm (\*3/8")

Adapter with pilot drill

C: Ejector spring

Suitable for	Included holesaws (1 each)	Part No.
For Plumber	19,22,29,38,44,57mm,adapter A, adapter B, ejector spring	D-47117
For Electrician	16,20,25,32,40,51mm,adapter A, adapter B, ejector spring	D-47123
For Electrician	20,25,32,40,51,65mm,adapter A, adapter B, ejector spring	D-47139



Suitable for	Included holesaws (1 each)	Part No.
For Plumber	19,22,25,29,35,38, 44,51,57,68,75mm, adapter A, adapter B, ejector spring	D-47298
For Plumber	19,22,25,29,35,38, 44,51,57,65,75mm, adapter A, adapter B, ejector spring	D-50572
For Electrician	19,22,29,35,38,51,54,57,68mm, adapter A, adapter B, ejector spring	D-47282
For General Use	16,19,22,25,32,35,37,44,51,57,64,68,76mm, adapter A, adapter B, ejector spring	D-47307



Suitable for	Included holesaws (1 each)	Part No.
For Plumber	19,22,29,38,44,57mm,adapter A, adapter B, ejector spring	D-63965
For Plumber	19,22,25,29,35,38, 44,51,57,65,75mm, adapter A, adapter B, ejector spring	D-63971
For Electrician	19,22,29,35,38,51,54,57,68mm, adapter A, adapter B, ejector spring	D-63987
For General Use	16,19,22,25,32,35,37,44,51,57,64,68,76mm, adapter A, adapter B, ejector spring	D-63993

### BiM holesaw for sheet metal

Use with adapter with HSS pilot drill



Size(mm)	Working length (mm)	Part No.	Size(mm)	Working length (mm)	Part No.
16	20	B-29670	51	20	B-29854
17	20	B-29686	54	20	B-29860
19	20	B-29692	57	20	B-29876
20	20	B-29701	60	20	B-29882
21	20	B-29717	64	20	B-29898
22	20	B-29723	65	20	B-35994
25	20	B-29739	67	20	B-36005
27	20	B-29745	68	20	B-36011
29	20	B-29751	70	20	B-36027
30	20	B-29767	73	20	B-36033
32	20	B-29773	76	20	B-36049
33	20	B-29789	79	20	B-36055
35	20	B-29795	83	20	B-36061
38	20	B-29804	86	20	B-36077
40	20	B-29810	89	20	B-36083
41	20	B-29826	102	20	B-36099
44	20	B-29832	127	20	B-36108
48	20	B-29848	152	20	B-36114

### Accessories for BiM holesaw for sheet metal

Adapter with HSS pilot drill



Pilot drill



Application	Fits holesaws	Part No.
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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
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### BiM holesaw for sheet metal assortment



Suitable for	Included Hole saws (1 each)	Part No.
For Plumber	19,22,29,38,44,57mm holesaws 9.5/11mm adapters with drill 1pc. of pilot drill	B-38663
For Electrician	20,25,32,38,51,64mm Holesaw 9.5/11mm adapters with drill 1pc. Of pilot drill	B-38679



## Multi purpose TCT Hole saw

Use with adapter with pilot drill



mm

Size (mm)	Working length (mm)	Part No.	Size (mm)	Working length (mm)	Part No.
19	50	D-42678	60	60	D-42830
22	60	D-42684	64	60	D-42846
25	60	D-42690	65	60	D-42852
29	60	D-42709	67	60	D-42868
30	60	D-42715	68	60	D-42874
32	60	D-42721	70	60	D-42880
35	60	D-42737	73	60	D-45026
38	60	D-42743	76	60	D-45032
40	60	D-42759	79	60	D-45048
45	60	D-42765	80	60	D-45331
48	60	D-42771	83	60	D-45347
50	60	D-42787	85	60	D-45353
51	60	D-42793	89	60	D-45369
54	60	D-42802	95	60	D-50304
55	60	D-42818	102	60	D-50310
57	60	D-42824	105	60	D-50326

inch

Size (inch)	Working length (mm)	Part No.	Size (inch)	Working length (mm)	Part No.
3/4"	2"	D-51764	2-3/8"	2-3/8"	D-51926
7/8"	2-3/8"	D-51770	2-1/2"	2-3/8"	D-51932
1"	2-3/8"	D-51786	2-9/16"	2-3/8"	D-51948
1-1/8"	2-3/8"	D-51792	2-5/8"	2-3/8"	D-51954
1-3/16"	2-3/8"	D-51801	2-11/16"	2-3/8"	D-51960
1-1/4"	2-3/8"	D-51817	2-3/4"	2-3/8"	D-51976
1-3/8"	2-3/8"	D-51823	2-7/8"	2-3/8"	D-51982
1-1/2"	2-3/8"	D-51839	3"	2-3/8"	D-51998
1-9/16"	2-3/8"	D-51845	3-1/8"	2-3/8"	D-52009
1-25/32"	2-3/8"	D-51851	3-5/32"	2-3/8"	D-52015
1-7/8"	2-3/8"	D-51867	3-1/4"	2-3/8"	D-52021
1-31/32"	2-3/8"	D-51873	3-11/32"	2-3/8"	D-52037
2"	2-3/8"	D-51889	3-1/2"	2-3/8"	D-52043
2-1/8"	2-3/8"	D-51895	3-3/4"	2-3/8"	D-52059
2-11/64"	2-3/8"	D-51904	4"	2-3/8"	D-52065
2-1/4"	2-3/8"	D-51910	4-1/8"	2-3/8"	D-52071

## Accessories for Multi purpose TCT Hole saw

For 13mm drill



For SDS-PLUS Hummer



mm

Application	Type of pilot drill	Fits holesaws	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

Application	Type of pilot drill	Fits holesaws	Part No.
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Pilot drill

HSS pilot drill $\phi$ 8mmx100mm	HSS	22-105mm	D-50413
TCT pilot drill $\phi$ 10x100mm	TCT	22-105mm	D-50429
HSS pilot drill $\phi$ 6.35x90mm	HSS	19mm	D-50435
TCT pilot drill $\phi$ 8x90mm	TCT	19mm	D-50441

inch

Application	Type of pilot drill	Fits holesaws	Part No.
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Adapter with pilot drill

For 13mm drill	TCT	22-105mm	D-52087
For SDS-PLUS Hummer	TCT	22-32mm	D-52093
For 13mm drill	TCT	19mm	D-52102
For SDS-PLUS Hummer	TCT	19mm	D-52118
For 13mm drill	HSS	22-105mm	D-52124
For SDS-PLUS Hummer	HSS	22-32mm	D-52130
For 13mm drill	HSS	19mm	D-52146
For SDS-PLUS Hummer	HSS	19mm	D-52152

Pilot drill

HSS pilot drill $\phi$ 8mmx100mm	HSS	22-105mm	D-52168
TCT pilot drill $\phi$ 10x100mm	TCT	22-105mm	D-52174
HSS pilot drill $\phi$ 6.35x90mm	HSS	19mm	D-52180
TCT pilot drill $\phi$ 8x90mm	TCT	19mm	D-52196

## TCT Hole saw assortment



Suitable for	Included TCT holesaw (1 each)	Part No.
For Electrician	22,25,29,35,38,45,51mm, adapter : 11mm (7/16") hex, T.C.T pilot drill, HSS pilot drill	D-51281
For General Use	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



Size	Working length (mm)	Part No.
33mm (1-5/16")	64	D-51188
43mm (1-11/16")	64	D-51194
53mm (2-3/32")	64	D-51203
63mm (2-1/2")	64	D-51219
67mm (2-5/8")	64	D-51225
73mm (2-7/8")	64	D-51231
83mm (3-1/4")	64	D-51247

## Accessories for Tungsten carbide grit hole saw

Adapter with TCT pilot drill



TCT pilot drill



Application	Fits hole saws	Part No.
Adapter with Pilot Drill	All	D-51253
Pilot drill	All	D-51269

### 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.



Size (mm)	Shank dia. (mm)	Part No.	Size (mm)	Shank dia. (mm)	Part No.
16	6	B-00898	50	10	B-01046
18	6	B-00907	55	10	B-01052
20	6	B-00913	60	13	B-01068
21	6	B-00929	65	13	B-01074
22	6	B-00935	68	13	B-02652
25	10	B-00941	70	13	B-01080
27	10	B-00957	75	13	B-01096
28	10	B-00963	80	13	B-01105
30	10	B-00979	85	13	B-01111
32	10	B-00985	90	13	B-01127
35	10	B-00991	95	13	B-01133
38	10	B-01002	100	13	B-01149
40	10	B-01018	110	13	B-01155
45	10	B-01024	120	13	B-01161
48	10	B-01030			

#### Center drill



Application	Fits holesaws	Part No.
Steel, etc.	16-55mm	B-01177
Steel etc.	60-120mm	B-01183
FRP, resin, etc	16-55mm	B-01199
FRP, resin, etc	60-120mm	B-01208



Suitable for	Included Hole saws (1 each)	Part No.
For Soft Materials	32,38,48,54,64mm, Adapter with pilot drill(10mm)	D-70203

### Diamond wet holesaw



Size (mm)	Working length (mm)	Part No.	Size (mm)	Working length (mm)	Part No.
19	38	D-61210	54	38	D-61329
20	38	D-61226	57	38	D-61335
22	38	D-61232	60	38	D-61341
25	38	D-61248	64	38	D-61357
29	38	D-61254	65	38	D-61363
32	38	D-61260	67	38	D-61379
35	38	D-61276	68	38	D-61385
38	38	D-61282	70	38	D-61391
41	38	D-61298	76	38	D-61400
44	38	D-61307	79	38	D-61416
51	38	D-61313	83	38	D-61422

### Accessories for Diamond wet holesaw

#### Adapter



#### Retractable starter pilot bit



Application	Type of pilot drill	Fits holesaws	Part No.
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#### Adapter

For 13mm drill	-	for 19-29mm	D-61438
For 13mm drill	-	32-83mm	D-61444

#### Retractable starter pilot bit

For 13mm drill	TCT	All	D-61450
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### Vacuum brazed diamond holesaw

Use with shank with Pilot Drill



Size (mm)	Working length (mm)	Part No.	Size (mm)	Working length (mm)	Part No.
16	40	B-45995	38	40	B-46056
19	40	B-46006	45	40	B-46062
25	40	B-46012	50	40	B-46078
30	40	B-46028	53	40	B-46084
32	40	B-46034	57	40	B-46090
35	40	B-46040	64	40	B-46109

#### Holesaw with Shank and Pilot drill



Size (mm)	Working length (mm)	Part No.	Size (mm)	Working length (mm)	Part No.
16	40	B-45870	38	40	B-45939
19	40	B-45886	45	40	B-45945
25	40	B-45892	50	40	B-45951
30	40	B-45901	53	40	B-45967
32	40	B-45917	57	40	B-45973
35	40	B-45923	64	40	B-45989

### Accessories for Vacuum brazed diamond holesaw

#### Shank with pilot drill



#### Shank



#### Pilot drill



Application	Type of pilot drill	Fits holesaws	Part No.
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#### Shank with pilot drill

For 13mm drill	TCT	All	B-46115
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#### Shank

For 13mm drill	-	All	B-46137
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#### Pilot drill

For 13mm drill	TCT	All	B-46121
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# ACCESSORIES

## ▣ Drilling (Masonry)



For SDS-PLUS Hammers



For SDS-MAX Hammers



17 mm Hex



19 mm Hex



21mm Hex



28.6mm Hex



30mm Hex



Makita Small

**For Straight shank**

**T.C.T drill bit with Straight shank**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
3	60	30	D-05228
4	70	35	D-05234
5.5	100	60	D-36728
5.5	150	90	D-36734
5	85	45	D-05240
6	100	60	D-05256
6	150	90	D-05262
6.5	100	55	D-36740
6.5	150	90	D-36756
7	100	55	D-05278
7	150	90	D-05284
8	110	60	D-05290
8	150	90	D-05309
9	150	90	D-05315
10	150	90	D-05321
10	400	315	D-18960
11	150	90	D-05337
12	150	90	D-05343
12	400	315	D-17697
12	600	505	D-17728
13	150	85	D-05359
14	150	85	D-05365
14	400	315	D-18976
15	150	85	D-05371
16	150	85	D-05387
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

Size: inch

Bit diameter	Overall length	Working length	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

**T.C.T drill bit 5 pcs. set with Straight shank**

\*5 different sizes



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
4	70	35	*D-05175
5	85	45	
6, 8, 10	100	60	
5	85	45	*D-36762
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

**T.C.T drill bit 5 pcs. set with Straight shank**

\*5 different sizes

Size: inch



Bit diameter	Overall length	Working length	Part No.
3/16"	3-1/2"	2"	*D-36033
1/4"; 5/16"; 3/8"; 1/2"	6"	3-9/16"	
5/32"	6"	3-9/16"	D-66597
3/16"	6"	3-9/16"	D-66606
1/4"	6"	3-9/16"	D-36027
5/16"	6"	3-9/16"	D-71059
3/8"	6"	3-9/16"	D-71065
1/2"	6"	3-9/16"	D-71071

**T.C.T drill bit 20 pcs. set with Straight shank**

Size: inch



Bit diameter	Overall length	Working length	Part No.
5/32"	6"	3-9/16"	D-66575
3/16"	6"	3-9/16"	D-66581
1/4"	6"	3-9/16"	D-24365-20
5/16"	6"	3-9/16"	D-71087
3/8"	6"	3-9/16"	D-24402-20
1/2"	6"	3-3/8"	D-24430-20

### TCT drill bit with 1/4" Hex shank



1/4"Hex (MZ)

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Shank Type	Per pkg.	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
3.2	80	35	NZ	1	D-63694
4	80	35	NZ	1	D-31479
5	90	45	NZ	1	D-31485
6	100	55	NZ	1	D-31491
6.5	100	55	NZ	1	D-55061
8	100	55	NZ	1	D-31500

Size: inch

1/4"Hex (MZ)

Bit diameter	Overall length	Working length	Shank Type	Per pkg.	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

### T.C.T drill bit with Straight shank



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
3	60	30	D-40727
3.5	75	40	D-40733
4	75	40	D-40749
4.5	85	50	D-40755
5	85	50	D-40761
5	150	90	D-40777
5.5	85	50	D-40783
5.5	150	90	D-40799
6	100	60	D-40808
6	150	90	D-40814
6	200	130	D-40820
6	400	300	D-40836
6.5	100	60	D-40842
6.5	150	90	D-40858
6.5	400	300	D-40864
7	100	60	D-40870
7	150	90	D-40886
7	400	300	D-40892
8	120	80	D-40901
8	150	90	D-40917
8	200	130	D-40923
8	400	300	D-40939
9	120	80	D-40945
10	120	80	D-40951
10	150	90	D-40967
10	200	130	D-40973
10	400	300	D-40989
11	150	90	D-40995
12	150	90	D-41006
12	200	130	D-41012
12	400	300	D-41028

### T.C.T drill bit set with Straight shank

\*3 different sizes



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5	85	50	D-41034
6	100	60	
8	120	80	

### T.C.T drill bit set with Straight shank

\*5 different sizes



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
4	75	40	D-41040
5	85	50	
6	100	60	
8	120	80	
10	120	80	

### T.C.T drill bit set with Straight shank

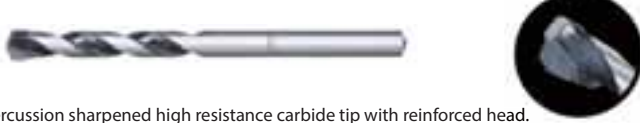
\*8 different sizes



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
3	60	30	D-41791
4	75	40	
5	85	50	
6	100	60	
7	100	60	
8	120	80	
9	120	80	
10	120	80	



**T.C.T drill bit with Straight shank/ Omnibohrer**



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 diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
3	60	30	D-30287
4	70	40	D-30293
5	85	55	D-30302
5.5	85	55	D-31027
5.5	100	60	D-31033
5.5	150	100	D-31049
6	100	60	D-30318
6	150	100	D-30324
6.5	85	55	D-31055
6.5	100	60	D-31061
6.5	150	100	D-31077
7	100	60	D-30330
7	150	100	D-30346
8	110	60	D-30352
8	150	100	D-30368
9	150	100	D-30374
10	150	100	D-30380
10	400	350	D-30396
11	150	100	D-30405
12	150	100	D-30411
12	400	350	D-30427
12	600	550	D-30433
13	150	100	D-30449
14	150	100	D-30455
14	400	350	D-30461

Size: inch

Bit diameter	Overall length	Working length	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

**T.C.T drill bit 5 pcs. set with Straight shank/ Omnibohrer**

\*5 different sizes



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5	85	55	D-30477
6	100	60	
8	110	60	
10	150	100	
12	150	100	
4	70	40	D-36712
5	85	55	
6	100	60	
8	150	100	
10	150	100	

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5.5	85	55	D-36974
6.5	100	60	
8	110	60	
10	150	100	
12	150	100	

Size: inch

Bit diameter (mm)	Overall length (mm)	Working length (mm)	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 with Straight shank**



Bit diameter (mm)	Overall length (mm)	Shank Type	Per pkg.	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.	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

**Glass bit with 1/4" Hex shank**



1/4"Hex (MZ)

Bit diameter (mm)	Overall length (mm)	Shank Type	Per pkg.	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 (NZ)

Bit diameter (mm)	Overall length (mm)	Shank Type	Per pkg.	Part No.
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

Drilling  
(Masonry)






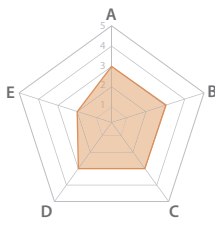
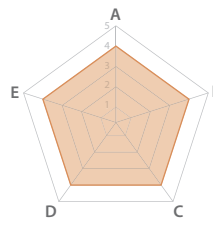



## T.C.T drill bit for SDS-PLUS Hammers



Product	Standard type	Centering Tip	Centering Tip V-PLUS	4 cutter	NEMESIS II
Range	★★	★★★	★★★★★	★★★	★★★★★
Carbide					
Tip	2 Cutter	Centering tip 2 Cutter	Centering tip 2 Cutter	Centering tip 4 Cutter	Full carbide tip 4 Cutter 
Flute	Standard 2 flute	Standard 2 flute	High Durability 2 flute	Standard 2 flute	High Durability 4 flute
Size	3.5 - 30mm 5/32" - 1"	4 - 32mm 5/32" - 1"	4 - 32mm	5 - 25mm	5 - 32mm 5/32" - 1-1/4"
Chart					
Work material					

## T.C.T drill bit for SDS-MAX Hammers



Product	Standard type	NEMESIS	Mining
Range	★★	★★★★	Specialized
Carbide			
Tip	2 Cutter	Centering tip 4 Cutter 	4 Cutter 
Flute	Standard 2 flute	High Durability 4 flute	High Durability 2 flute
Size	12-40mm 1/2" - 1-1/2"	12-40mm 1/2" - 1-1/2"	28-32mm
Chart			Specialized
Work material			



**Tools for SDS-PLUS Hammers**



**NEMESIS II**



**T.C.T drill bit for SDS-PLUS hammers/ nemesis II**

- \*One piece solid carbide tip (5-10mm)
- \*No seizing up on hitting reinforcing steel.
- \*Ensure precision drill holes.
- \*Drills more precisely
- \*Low vibration and high fracture resistance.



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5	115	50	B-57897
5	165	100	B-57906
5	215	150	B-57912
5	265	200	B-57928
5	315	250	B-57934
5.5	115	50	B-57940
5.5	165	100	B-57956
6	115	50	B-57962
6	165	100	B-57978
6	215	150	B-57984
6	265	200	B-57990
6	315	250	B-58001
6.5	165	100	B-58023
6.5	215	150	B-58039
6.5	265	200	B-58045
6.5	315	250	B-58051
7	115	50	B-58067
7	165	100	B-58073
7	215	150	B-58089
8	115	50	B-58095
8	165	100	B-58104
8	215	150	B-58110
8	265	200	B-58126
8	315	250	B-58132
8	465	400	B-58154
9	165	100	B-58176
9	265	200	B-58182
10	115	50	B-58198
10	165	100	B-58207
10	215	150	B-58213
10	265	200	B-58229
10	315	250	B-58235
10	455	390	B-58257
10	600	540	B-58263
10	1000	940	B-58279
11	160	110	B-58285
11	210	160	B-58291
11	260	210	B-58300
11	310	260	B-58316
12	160	110	B-58322
12	210	160	B-58338
12	260	210	B-58344
12	310	260	B-58350
12	450	400	B-58366
12	600	550	B-58372
12	1000	950	B-58388
13	160	110	B-58394
13	210	160	B-58403
13	260	210	B-58419
13	310	260	B-58425
14	160	110	B-58431
14	210	160	B-58447
14	260	210	B-58453
14	310	260	B-58469
14	450	400	B-58475
14	600	550	B-58481

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
14	1000	950	B-58497
15	160	110	B-58506
15	210	160	B-58512
15	260	210	B-58528
15	450	400	B-58534
16	160	110	B-58540
16	210	160	B-58556
16	260	210	B-58562
16	310	260	B-58578
16	450	400	B-58584
16	600	550	B-58590
16	1000	950	B-58609
18	250	200	B-58615
18	450	400	B-58621
20	250	200	B-58637
20	450	400	B-58659
22	250	200	B-58665
22	450	400	B-58687
24	250	200	B-58693
24	450	400	B-58702
25	250	200	B-58718
25	450	400	B-58724
28	250	200	B-58746
28	450	400	B-58752
30	250	200	B-58768
30	450	400	B-58774
32	450	400	B-58780

Size: inch

Bit diameter	Overall length	Working length	Part No.
5/32"	4-1/2"	2"	B-59330
5/32"	6-1/2"	4"	B-59346
3/16"	4-1/2"	2"	B-59352
3/16"	6-1/2"	4"	B-59368
3/16"	8-1/2"	6"	B-59374
3/16"	10-1/2"	8"	B-59380
3/16"	12-1/2"	10"	B-59396
1/4"	4-1/2"	2"	B-59405
1/4"	6-1/2"	4"	B-59411
1/4"	8-1/2"	6"	B-59427
1/4"	10-1/2"	8"	B-59433
1/4"	12-1/2"	10"	B-59449
5/16"	6-1/2"	4"	B-59455
5/16"	6-1/2"	10"	B-59461
5/16"	18"	16"	B-59477
3/8"	6-1/4"	4"	B-59483
3/8"	12-1/4"	10"	B-59499
3/8"	18"	16"	B-59508
7/16"	6-1/4"	4"	B-59514
7/16"	12-1/4"	10"	B-59520
7/16"	18"	16"	B-59536
1/2"	6-1/4"	4"	B-59542
1/2"	12-1/4"	10"	B-59558
1/2"	18"	16"	B-59564
9/16"	6-1/4"	4"	B-59570
9/16"	12-1/4"	10"	B-59586
9/16"	18"	16"	B-59592
5/8"	8-1/4"	6"	B-59601
5/8"	10-1/4"	8"	B-59617
5/8"	12/1/4"	10"	B-59623
5/8"	18"	16"	B-59639
3/4"	8"	6"	B-59645
3/4"	10"	8"	B-59651
3/4"	12"	10"	B-59667
3/4"	18"	16"	B-59673
7/8"	8"	6"	B-59689
7/8"	10"	8"	B-59695
7/8"	12"	10"	B-59704
7/8"	18"	16"	B-59710
1"	10"	8"	B-59726
1"	12"	10"	B-59732
1"	18"	16"	B-59748
1-1/8"	10"	8"	B-59754
1-1/8"	18"	10"	B-59760
1-1/4"	18"	16"	B-59776

### T.C.T drill bit for SDS-PLUS hammers/ nemesis II



5pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5	115	50	B-58796
5.5	115	50	B-58805
6	115	50	B-58811
6	165	100	B-58827
6	215	150	B-58833
6.5	165	100	B-58849
8	115	50	B-58883
8	165	100	B-58899
8	215	150	B-58908
10	165	100	B-58914
10	215	150	B-58920
12	160	110	B-58936
12	210	160	B-58942



10pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5	115	50	B-63214
5	165	100	B-63220
5.5	115	50	B-63236
5.5	165	100	B-63242
6	115	50	B-63258
6	165	100	B-63264
6	215	150	B-63270
6	265	200	B-63286
6	315	250	B-63292
6.5	165	100	B-63301
6.5	215	150	B-63317
6.5	265	200	B-63323
6.5	315	250	B-63339
7	115	50	B-63345
7	165	100	B-63351
8	115	50	B-63367
8	165	100	B-63373
8	215	150	B-63389
8	265	200	B-63395
10	115	50	B-63404
10	165	100	B-63410
10	215	150	B-63426
10	265	200	B-63432
10	315	250	B-63448
12	160	110	B-63454
12	210	160	B-63460
12	260	210	B-63476
12	310	260	B-63482
14	160	110	B-63498
14	210	160	B-63507
14	260	210	B-63513
14	310	260	B-63529

### T.C.T drill bit for SDS-PLUS hammers/ nemesis II

\*3 different sizes  
 \*\*5 different sizes  
 \*\*\*7 different sizes



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5, 6, 8	115	50	*B-58986
5, 6	115	50	**B-58992
6, 8, 10	165	100	**B-59003
5, 7	115	50	**B-59003
6, 7, 8	165	100	**B-59003
5	165	100	***B-59019
6, 6.5	215	150	***B-59019
6.5, 8, 10	265	200	***B-59019
12	260	210	***B-59019
5, 6, 8, 10	165	100	**B-59025
12	160	110	**B-59025
5.5, 6	115	50	***B-59053
5.5, 6.5, 7, 8, 10	165	100	***B-59053
6, 8, 10	165	100	*B-59075
6.5, 8, 10	165	100	*B-59097

### T.C.T drill bit for SDS-PLUS hammers/ V-PLUS



Bit diameter (mm)	Overall length (mm)	Working length (mm)	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	450	390	B-60408
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

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
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
9.5	310	250	B-51409
10	110	50	B-46551
10	160	100	B-46567
10	210	150	B-47569
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

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
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

### T.C.T drill bit for SDS-PLUS hammers/ V-PLUS



5pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5	110	50	B-46492-5
5.5	110	50	B-47298-5
6	110	50	B-46517-5
6	160	100	B-46523-5
6	210	150	B-47341-5
6.5	110	50	B-47385-5
6.5	160	100	B-47391-5
8	110	50	B-46539-5
8	160	100	B-46545-5
8	210	150	B-47472-5
10	160	100	B-46567-5
10	210	150	B-47569-5
12	160	110	B-46573-5
12	210	160	B-47684-5

10pcs. each

5	110	50	B-46492-10
5	160	100	B-46501-10
6	110	50	B-46517-10
6	160	100	B-46523-10
6	210	150	B-47341-10
8	110	50	B-46539-10
8	160	100	B-46545-10
8	210	150	B-47472-10
10	110	50	B-46551-10
10	160	100	B-46567-10
10	210	150	B-47569-10
12	160	110	B-46573-10
12	210	160	B-47684-10

25pcs. each

5	110	50	B-46492-25
5	160	50	B-46501-25
6	160	100	B-46523-25
6	210	150	B-47341-25



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
6.5	210	150	B-47400-25
6.5	260	200	B-47416-25
8	160	100	B-46545-25
8	210	150	B-47472-25
8	260	200	B-47488-25
8	310	250	B-47494-25
10	160	100	B-46567-25
10	210	150	B-47569-25
10	260	200	B-47575-25
12	160	100	B-46573-25
12	210	160	B-47684-25

50pcs. each

5	110	50	B-46492-50
5	160	100	B-46501-50
6	110	50	B-46517-50
6	160	100	B-46523-50
6	210	150	B-47341-50
8	110	50	B-46539-50
8	160	100	B-46545-50
8	210	150	B-47472-50
10	110	50	B-46551-50
10	160	100	B-46567-50
10	210	150	B-47569-50

### T.C.T drill bit for SDS-PLUS hammers/ V-PLUS

\* 6 x 160 2pcs., 8 x 160 3pcs.

\*\* 5 x 110 3pcs., 6 x 160 4pcs., 8 x 160 2pcs., 10 x 160 2pcs.

\*\*\* 6 x 160 3pcs., 8 x 160 4pcs., 10 x 160 3pcs., 12 x 160 2pcs.

\*\*\*\* 5 x 110 4pcs., 6 x 160 5pcs., 8 x 160 3pcs.

\*\*\*\*\* 6 x 160 2pcs., 8 x 160 2pcs., 10 x 160 2pcs.



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5, 6, 8	110	50	B-49046
6, 8, 10, 12	160	100	
5, 6, 8	110	50	B-49052
6, 8	160	100	
5	110	50	B-49074
6, 8, 10, 12	160	100	
6	110	50	*B-49080
6, 8, 10, 12, 14, 16	160	100	
**5	110	50	**B-49096
6, 8, 10, 12	160	100	
6, 8, 10, 12	160	100	***B-49105
5	110	50	****B-49111
6, 8	160	100	
5, 6	110	50	*****B-49127
6, 8, 10	160	100	
10, 12	210	150	
5, 6	110	50	B-49133
6, 8, 10	160	100	

### T.C.T drill bit for SDS-PLUS hammers/ 4 cutter



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5	110	50	B-68127
5	160	100	B-68133
5	210	150	B-68149
5	260	200	B-68155
6	110	50	B-62496
6	160	100	B-62505
6	210	150	B-62511
6	260	200	B-62527
6	310	250	B-68161
6.5	110	50	B-62533
6.5	160	100	B-62549
6.5	210	150	B-62555
6.5	260	200	B-62561
7	110	50	B-62577
7	160	100	B-62583
7	210	150	B-62599
8	110	50	B-62608
8	160	100	B-62614
8	210	150	B-62620
8	260	200	B-62636
8	310	250	B-62642
8	460	400	B-62658
10	110	50	B-62664
10	160	100	B-62670
10	210	150	B-62686
10	260	200	B-62692
10	310	250	B-62701
10	350	290	B-62717
10	460	400	B-62723
12	160	100	B-62739
12	210	150	B-62745
12	260	200	B-62751
12	310	250	B-62767
12	350	290	B-62773
12	460	400	B-62789
14	160	100	B-62795
14	210	150	B-62804
14	260	200	B-62810
14	310	250	B-62826
14	350	290	B-62832
14	460	400	B-62848
16	160	100	B-62854
16	210	150	B-62860
16	260	200	B-62876
16	310	250	B-62882
16	350	290	B-62898
16	460	400	B-62907
18	260	200	B-68177
18	460	400	B-68236
20	260	200	B-68183
20	460	400	B-68242
22	260	200	B-68199
22	460	400	B-68258
25	260	200	B-68208
25	460	400	B-68264

### T.C.T drill bit for SDS-PLUS hammers/ Centering tip



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
4	110	50	B-55859
4	160	100	B-67804
5	110	50	B-54128
5	160	100	B-54134
5	210	150	B-67810
5.5	110	50	B-55865
5.5	160	100	B-55871
5.5	210	150	B-67826
6	110	50	B-54140
6	160	100	B-54156
6	210	150	B-54162
6	260	200	B-67832
6.5	110	50	B-55887
6.5	160	100	B-55893
6.5	210	150	B-55902
6.5	260	200	B-55918
7	110	50	B-55924
7	160	100	B-55930
7	210	150	B-55946
8	110	50	B-54178
8	160	100	B-54184
8	210	150	B-55952
8	260	200	B-55968
8	310	250	B-67848
8	400	340	B-67854
8	460	400	B-68046
9	160	100	B-55974
9	210	150	B-67860
10	110	50	B-55980
10	160	100	B-54190
10	210	150	B-54209
10	260	200	B-55996
10	310	250	B-56007
10	350	290	B-67876
10	460	400	B-56013
11	160	100	B-67882
11	210	150	B-67898
11	260	200	B-67907
12	160	100	B-54215
12	210	150	B-54221
12	260	200	B-56029
12	310	250	B-67913
12	350	290	B-56035
12	460	400	B-56041
13	160	100	B-56057
13	210	150	B-67929
13	260	200	B-67935
14	160	100	B-56063
14	210	150	B-56079
14	260	200	B-56085
14	310	250	B-67941
14	350	290	B-56091
14	460	400	B-56100
15	160	100	B-67957
15	260	200	B-67963
15	460	400	B-68052
16	160	100	B-56116
16	210	150	B-56122
16	260	200	B-67979

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
16	310	250	B-56138
16	350	290	B-56144
16	460	400	B-56150
17	210	150	B-56465
17	350	290	B-56471
18	210	150	B-62125
18	310	250	B-67985
18	350	290	B-62131
18	460	400	B-68068
19	210	150	B-62147
19	350	290	B-62153
20	210	150	B-62169
20	310	250	B-67991
20	350	290	B-62175
20	460	400	B-68074
22	210	150	B-62181
22	260	200	B-68002
22	350	290	B-62197
22	460	400	B-68080
24	210	150	B-62206
24	260	200	B-68018
24	350	290	B-62212
24	460	400	B-68096
25	210	150	B-62228
25	260	200	B-68024
25	350	290	B-62234
25	460	400	B-68105
26	260	200	B-68030
26	460	400	B-68111
28	210	150	B-62240
28	350	290	B-62256
30	210	150	B-62262
30	350	290	B-62278
32	350	290	B-62284

Size: inch

Bit diameter	Overall length	Working length	Part No.
5/32"	6-1/4"	4"	B-61662
3/16"	4-1/2"	2"	B-61678
3/16"	6-1/4"	4"	B-61684
3/16"	8-1/4"	6"	B-61690
3/16"	12"	10"	B-61709
7/32"	6-1/4"	4"	B-61715
1/4"	4-1/2"	2"	B-61721
1/4"	6-1/4"	4"	B-61737
1/4"	8-1/4"	6"	B-61743
1/4"	11"	8-1/2"	B-61759
5/16"	6-1/4"	4"	B-61765
5/16"	12"	10"	B-61771
3/8"	6-1/4"	4"	B-61787
3/8"	12-1/4"	10"	B-61793
3/8"	18"	15-1/2"	B-61802
7/16"	12-1/4"	10"	B-61818
1/2"	6-1/4"	4"	B-61824
1/2"	12-1/4"	10"	B-61830
9/16"	6-1/4"	4"	B-61846
9/16"	12-1/4"	10"	B-61852
5/8"	8"	6"	B-61868
5/8"	12"	10"	B-61874
3/4"	8"	6"	B-61880
3/4"	12"	10"	B-61896
7/8"	12"	10"	B-61905
7/8"	18"	15-1/2"	B-61911
1"	10"	8"	B-61927
1"	1"x18"	15-1/2"	B-61933

### T.C.T drill bit set for SDS-PLUS hammers/ Centering tip



5pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
4	110	50	B-60224
5	110	50	B-60230
5	160	100	B-60246
5.5	110	50	B-60252
5.5	160	100	B-60268
6	110	50	B-60274
6	160	100	B-60280
6	210	150	B-61597
6.5	110	50	B-60296
6.5	160	100	B-60305
6.5	210	150	B-61606
7	110	50	B-60311
7	160	100	B-60327
8	110	50	B-60333
8	160	100	B-60349
9	160	100	B-60355
10	110	50	B-60361
10	160	100	B-60377
12	160	100	B-60383
13	160	100	B-61612
14	160	100	B-61628
14	210	150	B-61634
17	210	150	B-61640

10pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
6	160	100	B-59271
6	210	150	B-59287
6.5	160	100	B-59293
6.5	210	150	B-59302

25pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
6.5	160	100	B-59318
6.5	210	150	B-59324

### T.C.T drill bit 5 pcs. set for SDS-PLUS hammers/ Centering tip

(5 different sizes)



\* 8 x 160 2pcs., 10 x 160 2pcs.

\*\* 6 x 110 2pcs., 8 x 160 2pcs.

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5, 6, 8	110	50	B-54710
6, 8	160	100	
6	110	50	*B-54704
8, 10	160	100	**B-55784
6	110	50	
8, 10	160	100	B-57021
5, 5.5, 6, 6.5, 8	160	100	
5.5, 6, 6.5, 8, 10	160	100	B-57037

### T.C.T drill bit set for SDS-PLUS hammers/ Centering tip

(B-56421 contains 5sets of B-54710 and 5sets of B-55784 in counter display)



Part No.

B-56421

### T.C.T drill bit for SDS-PLUS hammers



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
3.5	90	30	D-16950
3.5	110	50	D-15665
4	110	50	D-00016
4	160	100	D-66612
4.3	110	50	D-01096
5	110	50	D-00022
5	160	100	D-00038
5	210	150	D-66628
5.5	110	50	D-00044
5.5	160	100	D-16106
5.8	110	50	D-03268
6	110	50	D-00050
6	160	100	D-00066
6	210	150	D-00072
6	260	200	D-25666
6.4	160	100	D-01105
6.5	110	50	D-00088
6.5	160	100	D-00094
6.5	210	150	D-45082
6.5	260	200	D-66634
7	110	100	D-00119
7	160	50	D-00103
7	210	150	D-25600
8	110	50	D-00125
8	160	100	D-00131
8	210	150	D-00147
8	260	200	D-00153
8	310	250	D-66640
8	460	400	D-29206
8.5	160	100	D-01111
9	110	50	D-08040
9	160	100	D-08056
9	210	150	D-00169
9.5	160	100	D-34344
9.5	210	150	D-03274
10	110	50	D-09117
10	160	100	D-00175
10	210	150	D-00181
10	260	200	D-00197
10	310	250	D-00206
10	350	290	D-66656
10	460	400	D-17538
10.5	160	100	D-01127
11	160	100	D-00212
11	210	150	D-66662
11	260	200	D-66678
12	160	100	D-00228

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
12	210	150	D-00234
12	260	200	D-00240
12	310	250	D-66684
12	350	290	D-16112
12	460	400	D-16271
12.5	160	100	D-14102
12.7	160	100	D-03280
12.7	350	290	D-03296
13	160	100	D-00256
13	210	150	D-66690
13	260	200	D-25622
13	350	290	D-16128
14	160	100	D-00262
14	210	150	D-21331
14	260	200	D-00278
14	310	250	D-66709
14	350	290	D-16134
14	460	400	D-17544
14.3	160	100	D-03997
14.5	160	100	D-01149
15	160	100	D-00284
15	260	200	D-25638
15	350	290	D-16140
15	460	400	D-17550
16	160	100	D-03981
16	210	150	D-00290
16	260	200	D-16156
16	310	250	D-00309
16	350	290	D-16162
16	460	400	D-16287
17	160	100	D-16178
17	210	150	D-00315
17	260	200	D-16184
17	350	290	D-16190
17.5	160	100	D-03305
18	160	100	D-16209
18	210	150	D-00321
18	260	200	D-16215
18	300	240	D-00337
18	350	290	D-16221
18	460	400	D-17566
19	210	150	D-00343
19	350	290	D-16243
19	460	400	D-16293
20	210	150	D-00359
20	260	200	D-16259
20	310	250	D-00365
20	350	290	D-16265
20	460	400	D-15235
22	260	200	D-00371
22	310	250	D-08062
22	460	400	D-15241
24	260	200	D-25644
24	460	400	D-16302
25	260	200	D-00387
25	310	250	D-08517
25	350	290	D-03311
25	460	400	D-15257
26	260	200	D-00393
26	310	250	D-08078
26	460	400	D-15263
28	460	400	D-16318
30	460	400	D-17572

Size: inch

Bit diameter	Overall length	Working length	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

**T.C.T drill bit set for SDS-PLUS hammers/ Paper box**

15pcs. Bulk (1 size) package

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
12	210	150	D-65143
12	260	200	D-65159
12	350	290	D-65165
13	160	100	D-65171
14	160	100	D-65187
14	210	150	D-65193
16	160	100	D-65202
16	210	150	D-65218

25pcs. Bulk (1 size) package

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5	110	50	D-65115
5	160	100	D-61949
6	110	50	D-61612
6	160	100	D-61961
6.5	110	50	D-61983
6.5	160	100	D-62000
8	110	50	D-61634
8	160	100	D-62022
8	210	150	D-65121
10	110	50	D-61656
10	160	100	D-62044
10	210	150	D-65137
12	160	100	D-62066

50pcs. Bulk (1 size) package

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5	160	100	D-61955
6	110	50	D-61628
6	160	100	D-61977
6.5	110	50	D-61999
6.5	160	100	D-62016
8	110	50	D-61640
8	160	100	D-62038
10	110	50	D-61662
10	160	100	D-62050
12	160	100	D-62072

**T.C.T drill bit set for SDS-PLUS hammers**

10pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
6.5	210	150	D-45098

25pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
6.5	210	150	D-45107

**T.C.T drill bit set for SDS-PLUS hammers/ Paper box**

25pcs. Bulk (1 size) package

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5	110	50	D-01155-25
5.5	110	50	D-03763-25
5.5	160	100	D-03779-25
6	110	50	D-01161-25
6	160	100	D-01177-25
6.5	110	50	D-03785-25
6.5	160	100	D-03791-25
7	110	50	D-03800-25
7	160	100	D-03816-25
8	160	100	D-01183-25
8	210	150	D-01199-25
8	260	200	D-06161-25
10	160	100	D-01208-25
10	210	150	D-03707-25
12	160	100	D-03713-25
12	210	150	D-03729-25

**T.C.T drill bit set for SDS-PLUS hammers/ Paper box**Size: inch  
25pcs. each

Bit diameter	Overall length	Working length	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

Bit diameter	Overall length	Working length	Part No.
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
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

**T.C.T drill bit 5 pcs. set for SDS-PLUS hammers**

(5 different sizes)



\* 6 x 160 2pcs., 8 x 160 2pcs.

\*\* 6 x 160 2pcs.

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5, 6, 8	160	100	*D-58914
5, 6, 8	110	50	D-00795
6, 8	160	100	D-00795
5.5, 7	110	50	D-03888
6, 7, 8	160	100	D-03888
6, 8	110	50	D-61678
6, 8, 10	160	100	D-61678
6, 6.5	110	50	D-17784
8, 10, 12	160	100	D-17784
5, 6, 7, 8, 10	160	100	D-20703
6, 8, 10, 12	160	100	**D-36049
5.8, 6.5	110	50	D-44987
6.5, 9.5	160	100	D-44987
12.7	160	100	D-44987

**T.C.T drill bit 10 pcs. set for SDS-PLUS hammers**

2pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5, 6, 8	110	50	D-40593
6, 8	160	100	D-40593

**T.C.T drill bit 12 pcs. set for SDS-PLUS hammers**

3pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
6, 8, 10, 12	160	100	D-62723



**T.C.T drill bit 25 pcs. set for SDS-PLUS hammers**



5pcs. each

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5, 6, 7	110	50	D-33853
6, 7	160	100	
5.5, 6.5	110	50	D-46268
5.5, 6.5, 8	160	100	
5, 6, 8	110	50	D-40602
6, 8	160	100	

**T.C.T drill bit & chisel set for SDS-PLUS hammers**



6pcs. assortment

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5, 6, 8	160	100	D-58920
Bull point 250			
Cold chisel 20x250			
Scaling chisel 40x250			

**T.C.T drill bit & chisel set for SDS-PLUS hammers**



10pcs. assortment

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5.5, 6, 6.5, 7, 8, 10, 12, 15	160	100	D-44971
Bull point 160			
Cold chisel 20x140			
5, 5.5, 6, 6.5, 8, 10, 12, 16	160	100	D-46361
Bull point 160			
Cold chisel 20x140			
6, 7, 8, 10, 12	160	100	D-41470
14	260	200	
16, 18	210	150	
Bull point 160			
Cold chisel 20x140			
5, 6.5, 8, 9.5, 10, 12.7, 14.3, 16	160	100	D-57059
Bull point 160			
Cold chisel 20x140			

**T.C.T drill bit 5 pcs. set for SDS-PLUS hammers**

(5 different sizes)



Size: inch

Bit diameter	Overall length	Working length	Part No.
3/16"	4-1/2"	1-5/8"	D-07973
1/4", 5/16", 3/8", 1/2"	6-1/4"	3-5/8"	

**T.C.T drill bit & chisel set for SDS-PLUS hammers**



Size: inch  
10pcs. assortment

Bit diameter	Overall length	Working length	Part No.
3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16"	6-1/4"	3-5/8"	D-45820
Bull point 6-1/4"			
Cold chisel 3/4" x 5-1/2"			

**T.C.T drill bit for SDS-PLUS hammers/ Dustless**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
12	325	200	B-64381
14	360	240	B-64397
16	360	240	B-64406
18	360	240	B-64412

**T.C.T drill bit & chisel set for SDS-PLUS hammers/ MAKPAC**



17pcs. assortment

Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
5, 5.5, 6, 7	110	50	B-52059
5.5, 6, 7, 8, 10	160	100	
8, 10	210	150	
14	260	200	
Bull point 140, 250			
Cold chisel 20x140, 20x250			
Scaling chisel 40x250			

**T.C.T drill bit & chisel set for SDS-PLUS hammers/ Aluminum case**



10pcs. assortment

Description	Part No.
6 x 110, 8 x 160, 10, 12 x 210, 10, 12, 16, 20 x 460	D-19174
Bull point 250	
Cold chisel 20 x 250	
5.5, 6 x 110, 7, 8 x 160, 10 x 210, 10, 16, 20 x 460	D-21191
Bull point 250	
Cold chisel 20x250	

Description	Part No.
13pcs. assortment	
5, 6, 7, 8 x 110, 6, 7, 8, 10, 12, 14 x 160, 16 x 210	D-20111
Bull point 250	
Cold chisel 20 x 250	
5, 6, 7, 8 x 110, 6, 7, 8, 10, 12 x 160, 14, 16 x 460	D-21185
Bull point 250	
Cold chisel 20 x 250	
14pcs. assortment	
5, 6, 7, 8 x 110, 6, 7, 8, 10, 12, 14 x 160, 10, 12, 14, 16 x 210	D-21325
17pcs. assortment	
5, 6, 8, 10 x 110, 6, 8, 10, 12 x 160, 8, 10 x 210, 12, 14 x 260	D-19180
Bull point 140, 250	
Cold chisel 20 x 140, 20x250	
5, 5.5, 6, 8, 10 x 110, 6, 7, 8, 10 x 160, 8, 10 x 210, 14 x 260	D-21200
Bull point 140, 250	
Cold chisel 20 x 140, 20 x 250	
Scaling chisel 40 x 250	
Size: inch	
13pcs. assortment	
5/32", 3/16", 1/4" x 4-1/2", 3/16", 7/32", 1/4", 5/16", 3/8", 1/2", 9/16" x 6-1/4", 5/8"x8"	D-31734
Bull point 10"	
Cold chisel 3/4" x 10"	

### T.C.T drill bit & chisel set for SDS-PLUS hammers/ Aluminum case in Makita blue



Description	Part No.
10pcs. assortment	
6 x 110, 8 x 160, 10, 12 x 210, 10, 12, 16, 20 x 460	D-42385
Bull point 250	
Cold chisel 20 x 250	
5.5, 6 x 110, 7, 8 x 160, 10 x 210, 10, 16, 20 x 460	D-42391
Bull point 250	
Cold chisel 20 x 250	
5.5, 6, 6.5, 8, 10 x 160, 10, 12, 16 x 210	D-70904
Bull point 250	
Cold chisel 20 x 250	
13pcs. assortment	
5, 6, 7, 8 x 110, 6, 7, 8, 10, 12, 14 x 160, 16 x 210	D-42400
Bull point 250	
Cold chisel 20 x 250	
5, 6, 7, 8 x 110, 6, 7, 8, 10, 12 x 160, 14, 16 x 460	D-42416
Bull point 250	
Cold chisel 20 x 250	
14pcs. assortment	
5, 6, 7, 8 x 110, 6, 7, 8, 10, 12, 14 x 160, 10, 12, 14, 16 x 210	D-42422
17pcs. assortment	
5, 5.5, 6, 8, 10 x 110, 6, 7, 8, 10 x 160, 8, 10 x 210, 14 x 260	D-42438
Bull point 140, 250	
Cold chisel 20 x 140, 20 x 250	
Scaling chisel 40 x 250	
5, 6, 8, 10 x 110, 6, 8, 10, 12 x 160, 8, 10 x 210, 12, 14 x 260	D-42444
Bull point 140, 250	
Cold chisel 20 x 140, 20 x 250	
Scaling chisel 40 x 250	

### T.C.T drill bit & chisel set for SDS-PLUS hammers/ Roll up pouch



Description	Part No.
13pcs. assortment	
5, 6, 7, 8 x 110, 5, 6, 7, 8, 10, 12, 14 x 160, 16 x 210	D-53659
Bull point 250	
Cold chisel 20x250	
5.5, 6.5, 8x110, 6, 6.5, 8, 10 x 160, 10, 12, 14, 16 x 210	D-70895
Bull point 250	
Cold chisel 20x250	
14pcs. Assortment	
5, 6, 7, 8 x 110, 6, 7, 8, 10, 12, 14 x 160, 10, 12, 14, 16 x 210	D-53671
17pcs. Assortment	
5, 6, 8, 10x110, 6, 8, 10, 12x160, 8, 10x210, 12, 14x260	D-54863
Bull point 140, 250	
Cold chisel 20x140, 20x250	
Scaling chisel 40x250	
5, 5.5, 6, 8, 10 x 110, 6, 7, 8, 10 x 160, 8, 10 x 210, 14 x 260	D-53073
Bull point 140, 250	
Cold chisel 20x140, 20x250	
Scaling chisel 40x250	
4, 5, 6.5x110, 6.5, 8, 10, 14.3, 16x160, 9.5, 12.8x160x2	D-53300
Bull point 140, 250	
Cold chisel 20x140, 20x250	
Scaling chisel 40x250	
4, 5, 6, 8, 10x110, 6, 8, 10, 12, 14, 16x160, 12x210	D-53609
Bull point 140, 250	
Cold chisel 20x140, 20x250	
Scaling chisel 40x250	
5, 6, 8, 10x110, 5, 6, 7, 8, 10x 160, 8, 10x210, 14x260	D-53621
Bull point 140, 250	
Cold chisel 20x140, 20x250	
Scaling chisel 40x250	
Size: inch	
17pcs. Assortment	
3/16", 1/4" x 4-1/2", 7/32", 1/4", 5/16", 3/8", 1/2" x 6-1/4", 9/16" x 6-1/2", 1/4" x 8-1/4", 5/16", 3/8", 1/2" x 10"	D-53637
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**



**T.C.T drill bit for SDS-MAX hammers/ Nemesis MAX**

- \*Massive carbide tip provides optimal drilling performance
- \*No seizing up on hitting reinforcing steel.
- \*Ensure precision drill holes.
- \*Drills more precisely
- \*Low vibration and high fracture resistance.



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Type	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
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

**T.C.T drill bit for SDS-MAX hammers**



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Type	Part No.
12	340	200	2 cutter	D-33875
12	540	400	2 cutter	D-33881
12.7	340	200	2 cutter	D-54994
14	340	200	2 cutter	D-33897
14	540	400	2 cutter	D-33906
14.3	340	200	2 cutter	D-55011
15	340	200	2 cutter	D-33912
15	540	400	2 cutter	D-33928
16	340	200	2 cutter	D-33934
16	540	400	2 cutter	D-33940
18	340	200	2 cutter	D-33956
18	540	400	2 cutter	D-33962
19	340	200	2 cutter	D-55033
19	540	400	2 cutter	D-55055
20	340	200	2 cutter	D-33978
20	540	400	2 cutter	D-33984
22	340	200	2 cutter	D-33990
22	540	400	2 cutter	D-34001
24	340	200	2 cutter	D-34017
24	540	400	2 cutter	D-34023
25	340	200	2 cutter	D-34039
25	540	400	2 cutter	D-34045
28	370	250	2 cutter	D-34051
28	570	450	2 cutter	D-34067
30	370	250	2 cutter	D-34073
30	570	450	2 cutter	D-34089
32	370	250	2 cutter	D-34095
32	570	450	2 cutter	D-34104
35	370	250	2 cutter	D-34110
35	570	450	2 cutter	D-34126
38	370	250	2 cutter	D-34132
38	570	450	2 cutter	D-34148
40	370	250	2 cutter	D-34154
40	570	450	2 cutter	D-34160

Size: inch

Bit diameter	Overall length	Working length	Type	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

### T.C.T drill bit for SDS-MAX hammers/ Mining

- \*Suitable for drilling into hard rock.
- \*Resharpenable.



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Type	Part No.
32	570	450	Mining	B-14613
32	920	800	Mining	B-15045

- \*New generation of mining bits
- \*Suitable for drilling into hard rock.
- \*Resharpenable and bigger TCT
- \*Wider flutes exhaust the dust efficiently.
- \*Longer life.



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Type	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

### Concrete core cutter for SDS-MAX hammers



Bit diameter (mm)	Overall length (mm)	Part No.
40	550	B-57629
45	550	B-57635
45	990	B-57641
55	550	B-57657
55	990	B-57663
65	550	B-57679
65	990	B-57685
80	550	B-57691
80	990	B-57700

### T.C.T drill bit for SDS-MAX hammers/ Dustless



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Part No.
16	600	400	B-64428
18	600	400	B-64434
20	600	400	B-64440
22	600	400	B-64456
24	600	400	B-64462
25	600	400	B-64478
28	600	400	B-64484
28	900	700	B-64490
30	600	400	B-64509
30	900	700	B-64515
32	600	400	B-64521
32	900	700	B-64537
35	600	400	B-64543
35	900	700	B-64559

### T.C.T drill bit for SDS-MAX hammers

(3 different sizes)



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Type	Part No.
16, 18, 20	340	200	2 cutter	D-40587

### T.C.T drill bit & chisel set for SDS-MAX hammers/ Aluminum case



7pcs. assortment

Description	Part No.
18, 20, 22, 25 x 540	D-40571
Bull point 400	
Cold chisel 25 x 400	
Scaling chisel 50 x 400	

### T.C.T drill bit & chisel set for SDS-MAX hammers/ Aluminum case in Makita blue



7pcs. assortment

Description	Part No.
18, 20, 22, 25 x 540	D-42494
Bull point 400	
Cold chisel 25 x 400	
Scaling chisel 50 x 400	

### Tools for Hex Shank Hammers



### T.C.T drill bit for 17mm Hex shank hammers



Bit diameter (mm)	Overall length (mm)	Working length (mm)	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

### HSS-TiN metal drill bit for SDS-PLUS Hammers

Fully ground HSS drill bit



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
3	90	33	1	B-57401
3.5	100	39	1	B-57417
4	105	43	1	B-57423
4.5	110	47	1	B-57439
5	116	52	1	B-57445
5.5	123	57	1	B-57451
6	123	57	1	B-57467
6.5	131	63	1	B-57473

### HSS-G metal drill bit for SDS-PLUS Hammers

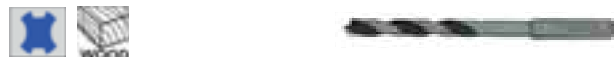
Fully ground HSS drill bit



Size: inch

Bit diameter	Overall length	Working length	Per pkg.	Part No.
1/8"	3-7/8"	1-9/16"	1	B-59106
9/64"	4"	1-3/4"	1	B-59112
5/32"	4-1/4"	2"	1	B-59128
11/64"	4-3/8"	2-1/8"	1	B-59134
3/16"	4-5/8"	2-3/8"	1	B-59140
13/64"	4-3/4"	2-7/16"	1	B-59156
7/32"	4-7/8"	2-1/2"	1	B-59162
15/64"	5"	2-5/8"	1	B-59178
1/4"	5-3/16"	2-3/4"	1	B-59184

### Wood drill bit for SDS-PLUS Hammers



Bit diameter (mm)	Overall length (mm)	Working length (mm)	Per pkg.	Part No.
4	105	43	1	B-57489
5	116	52	1	B-57495
6	123	57	1	B-57504
8	147	75	1	B-57510
10	163	87	1	B-57526

Size: inch

Bit diameter	Overall length	Working length	Per pkg.	Part No.
5/32"	4-1/8"	1-1/16"	1	B-59190
3/16"	4-5/8"	2-3/64"	1	B-59209
1/4"	5-1/8"	2-1/2"	1	B-59215
5/16"	5-3/4"	2-15/16"	1	B-59221
3/8"	6-3/8"	3-7/16"	1	B-59237

### Drill bit set for SDS-PLUS Hammers



5pcs. assortment

Description	Part No.
For metal 3,4mm	B-57532
For wood 4, 5, 6mm	
Size: inch	
For metal 1/8", 3/16", 1/4"	B-59243
For wood 3/16", 1/4"	

### SDS-PLUS Sleeve chuck bit holder












With magnet

Length (mm)	Shank Type	Part No.
80	SDS-PLUS	B-57548



## Chisels



Shape	Application	For SDS-PLUS hammers	For SDS-MAX hammers	17mm Hex	19mm Hex	21mm Hex	28.6mm Hex	30mm Hex	Makita Small
<b>Self sharpening bull point</b> 	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.		•				•	•	
<b>Bull point</b> 	Demolition and adjustment work in masonry and concrete. Chipping and breaking in masonry and concrete. Starts holes in concrete	•	•	•	•	•	•	•	•
<b>Cold chisel</b> 	Adjustment work in masonry and concrete. Chipping, breaking, edging and channeling in masonry and concrete.	•	•	•	•	•	•	•	
<b>Grooving chisel</b> 	Cutting channels in concrete.	•		•		•			•
<b>Scaling chisel</b> 	Removing concrete residues.	•	•	•	•	•	•	•	•
<b>Clay spade</b> 	Digging in clay, hard gravel, hard packed gravel, soil and dirt.		•	•	•	•	•	•	
<b>Rammer</b> 	Tamping asphalt and compacting gravel, soil and dirt.		•	•	•	•	•	•	
<b>Bushing tool</b> 	Roughing concrete and asphalt up.		•	•		•			
<b>Scraper</b> 	Scraping floor tiles, linoleum floor and clean-up.	•							•

**Tools for SDS-PLUS Hammers**



**Bull point for SDS-PLUS hammers/ Self-sharpening**

(For demolishing concrete)



Length (mm)	Part No.
250	B-64761

**Premium Bull point for SDS-PLUS hammers/ Self-sharpening**

(For demolishing concrete)



Length (mm)	Part No.
250	B-64238

**Bull point for SDS-PLUS hammers**

(For demolishing concrete)



Length (mm)	Part No.	Length (mm)	Part No.
140	D-19152	250	B-14037
160	D-08034	250	B-64294
250	D-08713	400	D-19015

**Cold chisel for SDS-PLUS hammers/ Self-sharpening**

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size(mm)	Part No.
20 x 250	B-64777

**Premium Cold chisel for SDS-PLUS hammers/ Self-sharpening**

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size(mm)	Part No.
20 x 250	B-64244

**Cold chisel for SDS-PLUS hammers**

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size(mm)	Part No.	Size(mm)	Part No.
20 x 140	D-19168	20 x 250	B-64303
20 x 250	D-08729	20 x 400	D-19021
20 x 250	B-14043		

**Grooving chisel for SDS-PLUS hammers**

(For grooving, channeling or removal of heavy scale, especially in narrow or recessed areas.)



Size(mm)	Part No.	Size(mm)	Part No.
8 x 170	A-30075	20 x 170	A-86686
12 x 170	A-86371		

**Scaling chisel for SDS-PLUS hammers/ Self-sharpening**

(A wide chisel for chipping away scale of dried concrete spatter)



Size(mm)	Part No.	Size(mm)	Part No.
40 x 250	B-14059	60 x 250	B-14065

**Premium Scaling chisel for SDS-PLUS hammers/ Self-sharpening**

(A wide chisel for chipping away scale of dried concrete spatter)



Size(mm)	Part No.
40 x 250	B-64250

**Scaling chisel for SDS-PLUS hammers**

(A wide chisel for chipping away scale of dried concrete spatter)



Size(mm)	Part No.	Size(mm)	Part No.
38 x 200	A-30483	50 x 215	D-25616
40 x 250	D-08735	80x150	D-61042
40 x 250	B-64319	80x250	D-61020

**Scraper assembly for SDS-PLUS hammers**

(For removing linoleum tile and other flooring)



Length (mm)	Type	Part No.
100	-	A-68161
100	Cutter	343411-9

**Bull point, Cold chisel, Scaling chisel for SDS-PLUS hammers**

\*Shrink package



Type	Size(mm)	Part No.
Bull point	250	*D-62424
Cold Chisel	20 x 250	*D-62430
Scaling chisel	50 x 215	*D-62446

### Chisel set for SDS-PLUS hammers



Description	Size (mm)	Each	Sum	Part No.
Bull point	250	1	3	D-30134
Cold chisel	20 x 250	1		
Scaling chisel	40 x 250	1		

### Chisel set for SDS-PLUS hammers/ Aluminum case



Description	Size (mm)	Each	Sum	Part No.
Bull point	250	1	3	D-05181
Cold chisel	20 x 250	1		
Scaling chisel	40 x 250	1		
Bull point	250	2	4	D-08757
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 set for SDS-PLUS hammers/ Aluminum case in Makita blue



Description	Size (mm)	Each	Sum	Part No.
Bull point	250	1	3	D-42357
Cold chisel	20 x 250	1		
Scaling chisel	40 x 250	1		
Bull point	250	2	4	D-42363
Cold chisel	20 x 250	2		
Bull point	250	2	5	D-42379
Cold chisel	20 x 250	2		
Scaling chisel	40 x 250	1		

### Tools for SDS-MAX Hammers



### Bull point for SDS-MAX hammers/ Self-sharpening



Length (mm)	Part No.
400	B-10621

### Spin action Bull Point for SDS-MAX hammers/ Self-Sharping



Length (mm)	Part No.
400	B-23064

### Premium Bull point for SDS-MAX hammers

(For demolishing concrete)



Length (mm)	Part No.
400	B-64266

### Bull point for SDS-MAX hammers

(For demolishing concrete)

\*10pcs. set



Length (mm)	Part No.	Length (mm)	Part No.
280	A-80787	400	A-80793
300	D-34176	400	*D-34182-10
400	D-34182	600	A-87476

### Cold chisel for SDS-MAX hammers/ Self-sharpening

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Part No.
25x400	B-64783

### Premium Cold chisel for SDS-MAX hammers/ Self-sharpening

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Part No.
25x400	B-64272

### Cold chisel for SDS-MAX hammers

(For chipping, edging, channeling and breaking away larger chunks of concrete)  
\*10pcs.set



Size (mm)	Part No.	Size (mm)	Part No.
25 x 280	A-80802	25 x 400	B-14009
25 x 300	D-34207	25 x 400	*D-34213-10
25 x 400	D-34213	24 x 600	A-87482
25 x 400	A-80818		

### Scaling chisel for SDS-MAX hammers/ Self-sharpening

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Part No.
50x350	B-14015

### Premium Scaling chisel for SDS-MAX Hammers/ Self-sharpening

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Part No.
50x380	B-64288

### Scaling chisel for SDS-MAX hammers

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Part No.	Size (mm)	Part No.
50 x 400	A-80824	80 x 300	D-34241
50 x 400	D-34235		

### Scaling chisel for Tile for SDS-MAX hammers



Size (mm)	Part No.	Size (mm)	Part No.
50 x 300	A-80830	50 x 300	B-14021

### Clay spade for SDS-MAX hammers



Size (mm)	Part No.
105 x 400	A-17653

### Bushing tool for SDS-MAX hammers

(For concrete surface removal)  
• Use with shank (A-19897)



Size (mm)	Part No.
67 x 67	A-19881

### Rammer for SDS-MAX hammers

(For tamping)  
• Use with shank (A-19897)



Diameter (mm)	Part No.
140	A-19875

### Chisel set for SDS-MAX hammers



Size (mm)	Type	Part No.
400	Bull point	D-35324-10
25 x 400	Cold chisel	

### Chisel set for SDS-MAX hammers/ Aluminum case



Description	Size (mm)	Each	Sum	Part No.
Bull point	400	1	3	D-40543
Cold chisel	25 x 400	1		
Scaling chisel	50 x 400	1		
Bull point	300	1	4	D-40559
Bull point	400	1		
Cold chisel	25 x 300	1		
Cold chisel	25 x 400	1	5	D-40618
Bull point	400	3		
Cold chisel	25 x 400	2		
Bull point	400	2	6	D-40565
Cold chisel	25 x 400	2		
Scaling chisel	50 x 400	1		
Scaling chisel	80 x 300	1		

### Chisel set for SDS-MAX hammers/ Aluminum case in Makita blue



Description	Size (mm)	Each	Sum	Part No.
Bull point	400	1	3	D-42450
Cold chisel	25 x 400	1		
Scaling chisel	50 x 400	1		
Bull point	300	1	4	D-42466
Bull point	400	1		
Cold chisel	25 x 300	1		
Cold chisel	25 x 400	1		
Bull point	400	3	5	D-42472
Cold chisel	25 x 400	2		
Bull point	400	2	6	D-42488
Cold chisel	25 x 400	2		
Scaling chisel	50 x 400	1		
Scaling chisel	80 x 300	1		

### Tools for 17mm Hex Shank Hammers



#### Bull point for 17mm Hex shank hammers

(For demolishing concrete)



Length (mm)	Part No.	Length (mm)	Part No.
210	D-16374	450	A-80547
280	A-80450	450	D-16863
280	D-08682		

#### Bull point for 17mm Hex shank hammers/ Sharper edge



Length (mm)	Part No.	Length (mm)	Part No.
280	D-26303	350	D-29860

#### Cold chisel for 17mm Hex shank hammers

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Part No.	Size (mm)	Part No.
17 x 280	A-80569	17 x 450	A-80575
19 x 210	D-26587	19 x 450	D-16879
19 x 280	D-08707		

#### Grooving chisel for 17mm Hex shank hammers

(For grooving, channeling or removal of heavy scale, especially in narrow or recessed areas.)



Size (mm)	Part No.	Size (mm)	Part No.
22 x 280	A-48555	26 x 280	A-48561

#### Scaling chisel for 17mm Hex shank hammers

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Part No.	Size (mm)	Part No.
50 x 280	A-80606	50 x 450	D-52548
50 x 280	D-20694		

#### Clay spade for 17mm Hex shank hammers



Size (mm)	Part No.
105 x 400	A-25214

#### Bushing tool for 17mm Hex shank hammers

(For concrete surface removal)



Size (mm)	Part No.
60 x 60	A-21484

#### Rammer for 17mm Hex shank hammers

(For tamping)



Diameter (mm)	Part No.
140	A-21428



**Tools for 19mm Hex shank hammers**



**Bull point for 19mm Hex shank hammers**

(For demolishing concrete)



Length (mm)	Part No.	Length (mm)	Part No.
300	D-20074	450	D-19196

**Cold chisel for 19mm Hex shank hammers**

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Part No.	Size (mm)	Part No.
26 x 300	D-20080	26 x 450	D-19205

**Scaling chisel for 19mm Hex shank hammers**

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Part No.
50 x 300	D-20096

**Clay spade for 19mm Hex shank hammers**



Size (mm)	Part No.
105 x 400	798148-7

**Rammer for 19mm Hex shank hammers**

(For tamping)



Diameter (mm)	Part No.
140	A-21478

**Tools for 21mm Hex shank hammers**



**Bull point for 21mm Hex shank hammers**

(For demolishing concrete)



Length (mm)	Part No.	Length (mm)	Part No.
320	D-16499	450	D-23824
450	A-80553	600	D-30994

**Cold chisel for 21mm Hex shank hammers**

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Length (mm)	Part No.	Length (mm)	Part No.
26 x 320	D-17588	26 x 450	D-17594
26 x 450	A-80581		

**Scaling chisel for 21mm Hex shank hammers**

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Part No.
70 x 320	D-20672

**Grooving chisel for 21mm Hex shank hammers**

(For grooving, channeling or removal of heavy scale, especially in narrow or recessed areas.)



Size (mm)	Part No.
26 x 370	798274-2

**Clay spade for 21mm Hex shank hammers**



Size (mm)	Part No.
130 x 460	A-47391

**Bushing tool for 21mm Hex shank hammers**

(For concrete surface removal)



Size (mm)	Part No.
60 x 60	A-21490

**Rammer for 21mm Hex shank hammers**

(For tamping)



Diameter (mm)	Part No.
140	A-21434

### Tools for 28.6mm Hex Shank Hammers



With Brim



Without Brim



### Self sharpening bull point for 28.6mm Hex shank hammers

(For demolishing concrete)



Length (mm)	Brim	Part No.
400	Without	B-10372

### Bull point for 28.6mm Hex shank hammers

(For demolishing concrete)



Length (mm)	Brim	Part No.
350	with	D-65034
410	with	798381-1
410	with	D-17631
410	without	D-61531
520	with	D-17675
520	without	D-61569

### Cold chisel for 28.6mm Hex shank hammers

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Brim	Part No.
28 x 410	with	798383-7
28 x 410	with	D-17647
28 x 410	without	D-61547
28 x 520	with	D-17681
28 x 520	without	D-61575

### Scaling chisel for 28.6mm Hex shank hammers

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Brim	Part No.
75 x 410	with	D-29228
75 x 410	without	D-61553
75 x 520	with	D-20725
75 x 520	without	D-61581

### Clay spade for 28.6mm Hex shank hammers



Size (mm)	Brim	Part No.
140 x 546	Without	A-44644

### Rammer for 28.6mm Hex shank hammers

(For tamping)



Diameter (mm)	Brim	Part No.
200	Without	798385-3

### Tools for 30mm Hex shank hammers



### Self sharpening bull point for 30mm Hex shank hammers

(For demolishing concrete)



Length (mm)	Part No.
400	B-10388

### Bull point for 30mm Hex shank hammers

(For demolishing concrete)



Length (mm)	Part No.
400	D-15285
410	A-80466

### Cold chisel for 30mm Hex shank hammers

(For chipping, edging, channeling and breaking away larger chunks of concrete)



Size (mm)	Part No.
30 x 400	D-15300

### Scaling chisel for 30mm Hex shank hammers

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Part No.
75 x 310	D-23868

### Clay spade for 30mm Hex shank hammers



Size (mm)	Part No.
120 x 500	B-10300

### Rammer for 30mm Hex shank hammers

(For tamping)



Diameter (mm)	Part No.
200	A-31485

### Tools for Makita small shank



### Bull point for Makita small shank



Length (mm)	Part No.
220	B-06921

### Scaling chisel for Makita small shank

(A wide chisel for chipping away scale of dried concrete spatter)



Size (mm)	Part No.	Size (mm)	Part No.
30 x 150	B-07331	20 x 220	B-07004
50 x 150	B-07347	50 x 220	B-07010

### Grooving chisel for Makita small shank

(For grooving, channeling or removal of heavy scale, especially in narrow or recessed areas.)



Size (mm)	Part No.	Size (mm)	Part No.
8 x 170	A-21543	20 x 170	798297-0
12 x 170	A-21559		

### Scraper assembly for Makita small shank

(For removing linoleum tile and other flooring)



Size (mm)	Type	Part No.
100	-	A-68155
100	Cutter	343411-9

# ACCESSORIES

## Fastening



Hex (H)



PZ



Square (SQ)



Slotted (SL)



T



Phillips (PH)



TH



With magnet



Made of chrome-molybdenum alloy steel



Made of chrome-molybdenum alloy steel



For 3/8" square drive



For 1/2" square drive

# Accessories

## Fastener drive and screwdriving series

<p><b>1. C-form</b></p> 	
<p><b>2. E-form</b></p> 	
<p><b>3. Double-end</b></p> 	
<p><b>4. Bit holder</b></p> 	
<p><b>5. Nutsetter</b></p> 	
<p><b>6. Bit Set</b></p> 	
<p><b>7. Socket adapter / Socket bit</b></p> 	
<p><b>8. Impact socket</b></p> 	
<p><b>9. Other</b></p> 	



# Accessories

## Impact GOLD Xtreme Torsion Technology



### Torsion Screw Bit

25mm Non-Mag & 50mm Mag



### ShorTon Screw Bit

The total length is 30mm. Extremely Short Torsion Bit. Suitable for working in the small spaces.



### Torsion Grip Bit Wood

Specifically suited to provide a stronger connection between screw + tip. (Available in Ph2 only - 25mm Non-Mag & 50mm Mag)



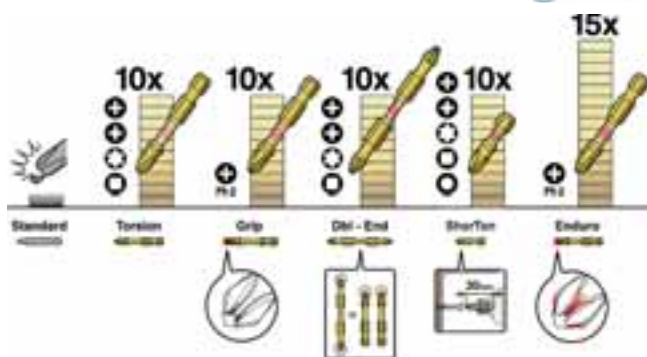
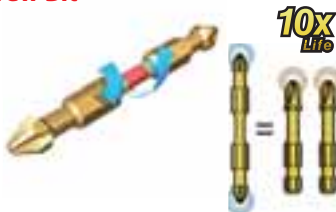
### Torsion Enduro Bit Metal

Specifically suited to provide a longer lasting connection between screw + tip in metal fastening applications. (Available in Ph2 only - 25mm Non-Mag & 50mm Mag)

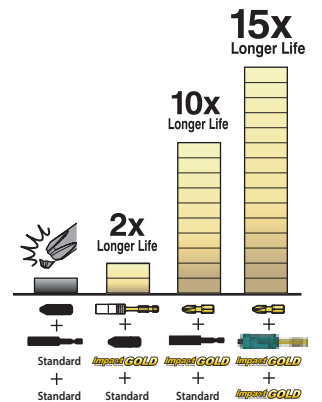


### Double Ended Torsion Screw Bit

Able to use both sides of the bit. It works as much as 2 regular bits.

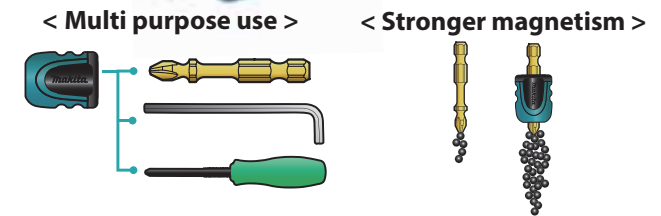


### Torsion Bit Holder



The extra strong magnet holds even long screws securely for accurate driving.

### Mag boost



### 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

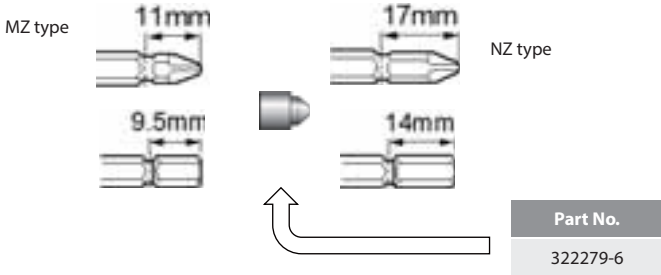


The socket can tilt up to 15° angle to assist fastening in confined applications.



**Bit piece for screwdriver & impact driver**

You can change from MZ type bit to NZ type bit.



**Drive type**

Phillips (PH)	PZ	Hex (H)	T	TH	Square (SQ)	Slotted (SL)

**1. Screw bit (C-form)**

**Screw bit (C-form) 3pcs. set / Blister pack**



	Size	Length (mm)	Shank Type	Per pkg.	Part No.
	PH 0	25	C-form	3	B-23444
	PH 1	25	C-form	3	B-23450
	PH 2	25	C-form	3	B-23466
	PH 3	25	C-form	3	B-23472
	PH1,PH2,PH3	25	C-form	3	B-24511
	PZ 1	25	C-form	3	B-23488
	PZ 2	25	C-form	3	B-23494
	PZ 3	25	C-form	3	B-23503
	PZ1,PZ2,PZ3	25	C-form	3	B-24527
	SL 0.5x4.0	25	C-form	3	B-23519
	SL 0.6x4.5	25	C-form	3	B-23525
	SL 0.8x5.5	25	C-form	3	B-23531
	SL 1.0x5.5	25	C-form	3	B-23547
	SL 1.2x6.5	25	C-form	3	B-23553
	SL 1.2x8.0	25	C-form	3	B-23569
	SL 1.6x8.0	25	C-form	3	B-23575
	SL 3-4	25	C-form	3	B-24181
	SL 4-5	25	C-form	3	B-24197
	SL 5-6	25	C-form	3	B-24206
	SL 6-8	25	C-form	3	B-24212
	SL 8-10	25	C-form	3	B-24228
	SL 10-12	25	C-form	3	B-24234
	SL 12-14	25	C-form	3	B-24240
	T 6	25	C-form	3	B-24402
	T 7	25	C-form	3	B-24418
	T 8	25	C-form	3	B-23581
	T 9	25	C-form	3	B-24430
	T 10	25	C-form	3	B-23597
	T 15	25	C-form	3	B-23606
	T 20	25	C-form	3	B-23612
	T 25	25	C-form	3	B-23628
	T 27	25	C-form	3	B-23634
	T 30	25	C-form	3	B-23640
	T 40	25	C-form	3	B-23656
	T20,T25,T30	25	C-form	3	B-24533

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
	H 1.5	25	C-form	3	B-23662
	H 2.0	25	C-form	3	B-23678
	H 2.5	25	C-form	3	B-23684
	H 3.0	25	C-form	3	B-23690
	H 4.0	25	C-form	3	B-23709
	H 5.0	25	C-form	3	B-23715
	H 6.0	25	C-form	3	B-23721
	H 8.0	25	C-form	3	B-23737
	H 1/16"	25	C-form	3	B-24256
	H 5/64"	25	C-form	3	B-24262
	H 3/32"	25	C-form	3	B-24278
	H 7/64"	25	C-form	3	B-24284
	H 1/8"	25	C-form	3	B-24290
	H 9/64"	25	C-form	3	B-24309
	H 5/32"	25	C-form	3	B-24315
	H 3/16"	25	C-form	3	B-24321
	H 7/32"	25	C-form	3	B-24337
	H 1/4"	25	C-form	3	B-24343
	H 5/16"	25	C-form	3	B-24359
	H 3/8"	25	C-form	3	B-24365
	SQ 0	25	C-form	3	B-24147
	SQ 1	25	C-form	3	B-23743
	SQ 2	25	C-form	3	B-23759
	SQ 3	25	C-form	3	B-23765

**Screw bit (C-form) 25pcs. set / Flip top case**



	Size	Length (mm)	Shank Type	Per pkg.	Part No.
	PH 1	25	C-form	25	B-24577
	PH 2	25	C-form	25	B-24583
	PH 3	25	C-form	25	B-24599
	PZ 1	25	C-form	25	B-24608
	PZ 2	25	C-form	25	B-24614
	PZ 3	25	C-form	25	B-24620
	SL 6-8	25	C-form	25	B-24810
	SL 8-10	25	C-form	25	B-24826
	T 15	25	C-form	25	B-24636
	T 20	25	C-form	25	B-24642
	T 25	25	C-form	25	B-24658
	T 30	25	C-form	25	B-24664
	SQ 2	25	C-form	25	B-24670

**Screw bit (C-form) 100pcs. set / Mini candy jar**



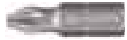
	Size	Length (mm)	Shank Type	Per pkg.	Part No.
	PH 2	25	C-form	100	B-24876
	PZ 2	25	C-form	100	B-24882
	SQ 2	25	C-form	100	B-24898

### Screw bit (C-form) 250pcs. set / Candy jar



Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 2	25	C-form	250	B-62452

### Screw bit (C-form) 100pcs. set / Plastic bag



Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 2	25	C-form	100	B-24957
PZ 2	25	C-form	100	B-24963
SQ 2	25	C-form	100	B-24979

### Screw bit (C-form) for screwdriver

Size	Length (mm)	Shank Type	Per pkg.	Model No.	Part No.
PH 2	25	C-form	3	DFS440	798398-4
PH 3	25	C-form	3	DFS450	798314-6

### Dry wall bit (C-form) / Bister pack



Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 2	30	C-form	1	D-61690

### Screw bit (C-form) 2pcs. set / Blister pack



Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH1	25	C-form	2	B-63600
	25	C-form	2	B-63616
	25	C-form	2	B-63622
PH2	25	C-form	2	B-63638
	25	C-form	2	B-63644
	25	C-form	2	B-63650
PH3	25	C-form	2	B-63666
	25	C-form	2	B-63672
	25	C-form	2	B-63688
	25	C-form	2	B-63694
PH4	25	C-form	2	B-63703

### Torsion screw bit (C-form) / Blister pack

Impact GOLD

10x  
Life



Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 1	25	C-form	2	B-28329
	25	C-form	2	B-28335
	25	C-form	2	B-62337
	25	C-form	5	B-28357
	25	C-form	2	B-28341
PH 2	25	C-form	2	B-28444
	25	C-form	2	B-28450
	25	C-form	2	B-62343
	25	C-form	5	B-28472
PH 3	25	C-form	2	B-28466
	25	C-form	2	B-28391
	25	C-form	2	B-28400
PH 4	25	C-form	2	B-28416
	25	C-form	2	B-28422
	25	C-form	2	B-28438
	25	C-form	2	B-28363
PH 5	25	C-form	2	B-28379
	25	C-form	2	B-28385

### Torsion grip bit (C-form) for wood / Blister pack

Impact GOLD

10x  
Life

Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 2 (Grip)	25	C-form	2	B-28488
	25	C-form	5	B-28494

### Torsion enduro bit (C-form) for metal / Blister pack

Impact GOLD

15x  
Life

Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 2 (Enduro)	25	C-form	2	B-28503
	25	C-form	5	B-28519

### Torsion screw bit (C-form) 10pcs. set / Flip top case with hanger display

Impact GOLD

10x  
Life



B-XXXX-10 contains 10 sets of B-XXXX with hanger display

Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 2	25	C-form	10	B-39512-10
PH 3	25	C-form	10	B-39534-10
PH 4	25	C-form	10	B-39556-10

## 2. Screw bit (E-form)

### Screw bit (E-form) 3pcs. set / Blister pack



With magnet



1/4"Hex (MZ) 50mm

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH 1	50	MZ	3	B-25214
	PH 2	50	MZ	3	B-25220
	PH 3	50	MZ	3	B-25236
	PH1,PH2,PH3	50	MZ	3	B-26179
+	PZ 1	50	MZ	3	B-25242
	PZ 2	50	MZ	3	B-25258
	PZ 3	50	MZ	3	B-25264
	PZ1,PZ2,PZ3	50	MZ	3	B-26185
-	SL 0.5x3.0	50	MZ	3	B-25270
	SL 0.5x4.0	50	MZ	3	B-25286
	SL 0.6x4.5	50	MZ	3	B-25292
	SL 0.8x5.5	50	MZ	3	B-25301
	SL 1.0x5.5	50	MZ	3	B-25317
	SL 1.2x6.5	50	MZ	3	B-25323
	SL 1.2x8.0	50	MZ	3	B-25339
	SL 1.6x8.0	50	MZ	3	B-25345
	SL 3-4	50	MZ	3	B-25878
	SL 4-5	50	MZ	3	B-25884
	SL 5-6	50	MZ	3	B-25890
	SL 6-8	50	MZ	3	B-25909
	SL 8-10	50	MZ	3	B-25915
	SL 10-12	50	MZ	3	B-25921
	SL 12-14	50	MZ	3	B-25937
	+	T 6	50	MZ	3
T 7		50	MZ	3	B-26076
T 8		50	MZ	3	B-25351
T 9		50	MZ	3	B-25367
T 10		50	MZ	3	B-25373
T 15		50	MZ	3	B-25389
T 20		50	MZ	3	B-25395
T 25		50	MZ	3	B-25404
T 27		50	MZ	3	B-25410
T 30		50	MZ	3	B-25426
T 40		50	MZ	3	B-25432
	T20,T25,T30	50	MZ	3	B-26191
○	H 3.0	50	MZ	3	B-25448
	H 4.0	50	MZ	3	B-25454
	H 5.0	50	MZ	3	B-25460
	H 6.0	50	MZ	3	B-25476
	H 1/16"	50	MZ	3	B-25943
	H 5/64"	50	MZ	3	B-25959
	H 3/32"	50	MZ	3	B-25965
	H 7/64"	50	MZ	3	B-25971
	H 1/8"	50	MZ	3	B-25987
	H 9/64"	50	MZ	3	B-25993
	H 5/32"	50	MZ	3	B-26004
	H 3/16"	50	MZ	3	B-26010
	H 1/4"	50	MZ	3	B-26026
	□	SQ 1	50	MZ	3
SQ 2		50	MZ	3	B-25498
SQ 3		50	MZ	3	B-25507

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
1/4"Hex (NZ)					
+	PH1	50	NZ	3	B-25068
	PH2	50	NZ	3	B-25074
	PH3	50	NZ	3	B-25080
	PH1,PH2,PH3	50	NZ	3	B-25105

### Screw bit (E-form) / Blister pack



With magnet  
1/4"Hex (MZ)

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH 1	90	MZ	1	B-57772
	PH 2	90	MZ	1	B-57788
	PH 3	90	MZ	1	B-57794
+	PZ 1	90	MZ	1	B-59879
	PZ 2	90	MZ	1	B-59885
	PZ 3	90	MZ	1	B-59891
+	T 15	90	MZ	1	B-59900
	T 20	90	MZ	1	B-59916
	T 25	90	MZ	1	B-59922
	T 30	90	MZ	1	B-59938
□	SQ 1	90	MZ	1	B-57803
	SQ 2	90	MZ	1	B-57819
	SQ 3	90	MZ	1	B-57825

1/4"Hex (MZ)

+	PH 1	150	MZ	1	B-57831
	PH 2	150	MZ	1	B-57847
	PH 3	150	MZ	1	B-57853
+	PZ 1	150	MZ	1	B-59944
	PZ 2	150	MZ	1	B-59950
	PZ 3	150	MZ	1	B-59966
+	T 15	150	MZ	1	B-59972
	T 20	150	MZ	1	B-59988
	T 25	150	MZ	1	B-59994
	T 30	150	MZ	1	B-60006
□	SQ 1	150	MZ	1	B-57869
	SQ 2	150	MZ	1	B-57875
	SQ 3	150	MZ	1	B-57881

### Screw bit (E-form) 10pcs. set / Flip top case



With magnet  
1/4"Hex (MZ)



	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH 1	50	MZ	10	B-26238
	PH 2	50	MZ	10	B-26244
	PH 3	50	MZ	10	B-26250
+	PZ 1	50	MZ	10	B-26266
	PZ 2	50	MZ	10	B-26272
	PZ 3	50	MZ	10	B-26288
-	SL 6-8	50	MZ	10	B-26478
	SL 8-10	50	MZ	10	B-26484
+	T 15	50	MZ	10	B-26294
	T 20	50	MZ	10	B-26303
	T 25	50	MZ	10	B-26319
+	T 30	50	MZ	10	B-26325
	SQ 2	50	MZ	10	B-26331

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
1/4"Hex (NZ)					
+	PH1	50	NZ	10	B-25149
	PH2	50	NZ	10	B-25155
	PH3	50	NZ	10	B-25161

### Screw bit (E-form) 50pcs. set / Mini candy jar



With magnet



Size	Length (mm)	Shank Type	Per pkg.	Part No.	
1/4"Hex (MZ)					
+	PH 2	50	MZ	50	B-26490
	PZ 2	50	MZ	50	B-26509
	SQ 2	50	MZ	50	B-26515

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
1/4"Hex (NZ)					
+	PH 2	50	NZ	50	B-25183

### Screw bit (E-form) 100pcs. set / Candy jar



With magnet  
1/4"Hex (MZ)



Size	Length (mm)	Shank Type	Per pkg.	Part No.	
+	PH 2	50	MZ	100	B-62468

### Screw bit (E-form) 50pcs. set / Plastic bag



With magnet  
1/4"Hex (MZ)



Size	Length (mm)	Shank Type	Per pkg.	Part No.	
+	PH 2	50	MZ	50	B-26571
	PZ 2	50	MZ	50	B-26587
	SQ 2	50	MZ	50	B-26593

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
1/4"Hex (NZ)					
+	PH 2	50	NZ	50	B-25208

### Screw bit (E-form) / Blister pack

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
1/4"Hex (MZ)					
+	PH 0 (Slim)	85	MZ	1	B-42575
	PH 2	110	MZ	3	784234-0

Size	Length (mm)	Shank Type	Per pkg.	Part No.		
1/4"Hex (NZ)						
+	PH 2	117	NZ	5	A-12697	
	-	SL 0.6x5.0	45	NZ	3	798301-5
		SL 0.8x6.0	70	NZ	3	798298-8
		SL 1.0x6.35	45	NZ	3	798299-6
		SL 1.2x8.0	45	NZ	3	798300-7
		SL 1.2x8.0	70	NZ	3	798302-3
		SL 1.2x10.0	52	NZ	3	798303-1
		SL 1.4x10.0	52	NZ	1	784018-6

### Screw bit (E-form) for screwdriver / 5pcs. set



Size	Length (mm)	Shank Type	Per pkg.	Model No.	Part No.	
1/4"Hex (NZ)						
+	PH 2	122	NZ	5	DFR440, 6845, 6841R	A-45858
	PH 2	132	NZ	5	6833 series, 6835D	A-16536
	PH 2	162	NZ	5	6842, 6843, DFR540, DFR550	B-10481
	PH 2	182	NZ	5	6844, DFR750	B-10475

### Dry wall bit (E-form) / Blister pack

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
1/4"Hex (MZ)					
+	PH 2	50	MZ	1	B-60399

### Screw bit (E-form) 2pcs. set / Blister pack



Size	Length (mm)	Shank Type	Per pkg.	Part No.	
1/4"Hex (MZ)					
+	PH1	50	MZ	2	B-63719
	PH2	50	MZ	2	B-63725
	PH3	50	MZ	2	B-63731
+	PZ1	50	MZ	2	B-63747
	PZ2	50	MZ	2	B-63753
	PZ3	50	MZ	2	B-63769
+	T15	50	MZ	2	B-63775
	T20	50	MZ	2	B-63781
	T25	50	MZ	2	B-63797
	T30	50	MZ	2	B-63806
T40	50	MZ	2	B-63812	

### Silver torsion screw bit (E-form) / Blister pack



With magnet

10x  
Life



Size	Length (mm)	Shank Type	Per pkg.	Part No.	
1/4"Hex (MZ)					
+	PH2 (Slim)	100	MZ	1	B-56948
	PZ2 (Slim)	100	MZ	1	B-56954

\* Japanese Package

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
1/4"Hex (NZ)					
+	PH1 (Slim)	65	NZ	3	A-57451 *
	PH1 (Slim)	100	NZ	3	A-57467 *
	PH2 (Slim)	65	NZ	3	A-57473 *
	PH2 (Slim)	65	NZ	6	A-57510 *
	PH2 (Slim)	85	NZ	3	A-57489 *
	PH2 (Slim)	85	NZ	6	A-57526 *
	PH2 (Slim)	100	NZ	3	A-57495 *
	PH2 (Slim)	100	NZ	6	A-57532 *
	PH2 (Slim)	120	NZ	3	A-57504 *
	PH2 (Slim)	120	NZ	6	A-57445 *

**Torsion screw bit (E-form) / Blister pack**



With magnet



1/4"Hex (MZ)

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH 1	50	MZ	2	B-28167
	PH 2 (Dbl-torsion)	50	MZ	2	B-39160
	PH 2 (Slim)	50	MZ	2	B-62359
	PH 3	50	MZ	2	B-28189
+	PZ 1	50	MZ	2	B-28276
	PZ 2 (Dbl-torsion)	50	MZ	2	B-39182
	PH 2 (Slim)	50	MZ	2	B-62365
	PZ 3	50	MZ	2	B-28298
+	T 10	50	MZ	2	B-28226
	T 15	50	MZ	2	B-28232
	T 20	50	MZ	2	B-28248
	T 25	50	MZ	2	B-28254
	T 30	50	MZ	2	B-28260
□	SQ 1	50	MZ	2	B-28195
	SQ 2	50	MZ	2	B-28204
	SQ 3	50	MZ	2	B-28210

**Torsion grip bit (E-form) for wood / Blister pack**



With magnet



1/4"Hex (MZ)

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH 2 (Grip)	50	MZ	2	B-28307

**Torsion enduro bit (E-form) for metal / Blister pack**



With magnet



1/4"Hex (MZ)

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH 2 (Enduro)	50	MZ	2	B-28313

**Torsion screw bit (E-form) 10pcs. set / Flip top case with hanger display**



With magnet



B-XXXX-10 contains 10 sets of B-XXXX with hanger display  
1/4"Hex (MZ)

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH 2 (Dbl-torsion)	50	MZ	10	B-42874-10
+	PZ 2	50	MZ	10	B-39540-10
□	SQ 2	50	MZ	10	B-39562-10

**ShorTon Screw bit (E-form) 2pcs. set / Blister pack**

The total length is 30mm. Extremely Short Torsion Bit. Suitable for working in the small spaces.



With magnet



1/4"Hex (MZ)

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH1	30	MZ	2	B-42189
	PH2 (Dbl-torsion)	30	MZ	2	B-42195
	PH3	30	MZ	2	B-42204
+	PZ1	30	MZ	2	B-42210
	PZ2 (Dbl-torsion)	30	MZ	2	B-42226
	PZ3	30	MZ	2	B-42232
+	T10	30	MZ	2	B-42248
	T15	30	MZ	2	B-42254
	T20	30	MZ	2	B-42260
	T25	30	MZ	2	B-42276
□	T30	30	MZ	2	B-42282
	SQ1	30	MZ	2	B-42298
	SQ2	30	MZ	2	B-42307
□	SQ3	30	MZ	2	B-42313
	H2.5	30	MZ	2	B-42329
	H3.0	30	MZ	2	B-42335
	H4.0	30	MZ	2	B-42341

**3. Double-end**

**Screw bit (Double-end) 10pcs. set / Blister pack**



With magnet



1/4"Hex (MZ)

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH 2	65	MZ	10	D-34366
	PH 2	110	MZ	10	D-34849

1/4"Hex (NZ)

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH 2	45	NZ	10	D-34827
	PH 2	65	NZ	10	D-33679
	PH 2	110	NZ	10	D-34833

Straight

	Size	Length (mm)	Shank Type	Per pkg.	Part No.
+	PH 2-SL 5	110	Straight	10	D-65551

### Screw bit (Double-end) 100pcs. set / Candy jar



With magnet



1/4"Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 1	65	MZ	100	D-65517
PH 2	65	MZ	100	D-31669
PZ 2	65	MZ	100	D-34914
SQ 2	50	MZ	100	D-34920

1/4"Hex (NZ)

PH 2	65	NZ	100	D-31653
PH 2(Slim)	65	NZ	100	D-63959

Straight

PH 2-SL 5	65	Straight	100	D-65539
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### Screw bit (Double-end) 10pcs. set / Plastic bag



With magnet

1/4"Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 1	65	MZ	10	D-65523
PH 2	65	MZ	10	D-65078

Straight

PH 2-SL 5	65	Straight	10	D-65545
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### Screw bit (Double-end)

1/4"Hex (NZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 2	45	NZ	3	798308-1
PH 2	45	NZ	1	784229-3
PH 2	65	NZ	3	798309-9
PH 2	65	NZ	1	784203-1
PH 2	65	NZ	1	784230-8
PH 2	110	NZ	3	798337-4
PH 2	110	NZ	1	784206-5
PH 2	150	NZ	3	798338-2
PH 2	250	NZ	1	784221-9
PH 3	45	NZ	3	798310-4
PH 3	65	NZ	3	798311-2
PH 3	110	NZ	3	798339-0
PH2 - SL0.8	45	NZ	1	784614-0

### Silver torsion screw bit (Double-end) / Blister pack



With magnet



1/4"Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.
PH 1	65	MZ	3	B-21836
PH 1	85	MZ	3	B-21842
PH 1	110	MZ	3	B-21858
PH 2	65	MZ	3	B-20703
PH 2	85	MZ	3	B-12326
PH 2	110	MZ	3	B-21864
PH 3	65	MZ	3	B-21870
PH 3	85	MZ	3	B-21886
PH 3	110	MZ	3	B-21892
PZ 1	65	MZ	3	B-21901
PZ 1	85	MZ	3	B-21917
PZ 1	110	MZ	3	B-21923
PZ 2	65	MZ	3	B-20719
PZ 2	85	MZ	3	B-12790
PZ 2	85	MZ	18	B-16259
PZ 2	110	MZ	3	B-21939
PZ 3	65	MZ	3	B-20725
PZ 3	85	MZ	3	B-20731
PZ 3	110	MZ	3	B-21945
SQ 1	2-1/2" (65mm)	MZ	3	B-20884
SQ 1	3-3/8" (85mm)	MZ	3	B-20890
SQ 1	4-3/8" (110mm)	MZ	3	B-20909
SQ 2	2-1/2" (65mm)	MZ	3	B-20915
SQ 2	3-3/8" (85mm)	MZ	3	B-20921
SQ 2	4-3/8" (110mm)	MZ	3	B-20937
SQ 3	2-1/2" (65mm)	MZ	3	B-20943
SQ 3	3-3/8" (85mm)	MZ	3	B-20959
SQ 3	4-3/8" (110mm)	MZ	3	B-20965

\* Japanese Package

1/4"Hex (NZ)

PH 1 (Slim)	65	NZ	3	A-52881 *
PH 1 (Slim)	110	NZ	3	A-52897 *
PH 2	65	NZ	3	A-49563 *
PH 2	65	NZ	6	A-49579 *
PH 2	85	NZ	3	A-49585 *
PH 2	110	NZ	3	A-49600 *
PH 2	150	NZ	3	A-50120 *
PH2 (Slim)	65	NZ	3	A-50924 *
PH2 (Slim)	85	NZ	3	A-50952 *
PH2 (Slim)	110	NZ	3	A-50980 *
PH 3	65	NZ	3	A-52906 *
PH 3	110	NZ	3	A-52912 *



**Torsion screw bit (Double-end) / Blister pack**

Able to use both sides of the bit.  
It works as much as 2 regular bits.



With magnet

**Impact GOLD**

**10x Life**



1/4"Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
+	PH1	65	MZ	3	B-45129
	PH1	90	MZ	1	B-45157
	PH1	150	MZ	1	B-45185
	PH2	65	MZ	3	B-45135
	PH2	90	MZ	1	B-45163
	PH2	150	MZ	1	B-45191
	PH3	65	MZ	3	B-45141
	PH3	90	MZ	1	B-45179
	PH3	150	MZ	1	B-45200
+	PZ1	65	MZ	3	B-45216
	PZ1	90	MZ	1	B-45244
	PZ1	150	MZ	1	B-45272
	PZ2	65	MZ	3	B-45222
	PZ2	90	MZ	1	B-45250
	PZ2	150	MZ	1	B-45288
	PZ3	65	MZ	3	B-45238
	PZ3	90	MZ	1	B-45266
	PZ3	150	MZ	1	B-45294
*	T20	65	MZ	3	B-52489
	T25	65	MZ	3	B-52495
	T30	65	MZ	3	B-52504
□	SQ1	65	MZ	3	B-55201
	SQ2	65	MZ	3	B-55217
	SQ3	65	MZ	3	B-55223
Assort	PH2-PZ2 T20-T25 T30-PH2	65	MZ	3	B-52510

**Torsion screw bit (Double-end) 10pcs. set / Magnet bottle with counter display**



With magnet

**Impact GOLD**



B-XXXX-6 contains 6 sets of B-XXXX with Counter display  
1/4"Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
+	PH2	65	MZ	10	B-52912-6
+	PZ2	65	MZ	10	B-52928-6
*	T20,T25,T30	65	MZ	10	B-54112-6

**Ultra mag attacher & Neck torsion bit (Double-end) / Blister pack**

With Ultra mag attacher on the bits, extra strong magnet holds even long screws securely for accurate driving.



With magnet

**Impact GOLD**

**8x Life**



Absorbs the small vibration which occurred from the start of screwing



1/4"Hex (NZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
+	PH 2	65	NZ	1	B-30483

**Twist torsion screw bit (Double-end) / Blister pack**



With magnet



**20x Life**

\* Japanese Package  
1/4"Hex (NZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
+	PH2	65	NZ	3	A-67505*
	PH2(Slim)	65	NZ	3	A-67511*
	PH2	90	NZ	3	A-59570*
	PH2 (Slim)	90	NZ	3	A-59601*
	PH2	120	NZ	3	A-59586*
	PH2 (Slim)	120	NZ	3	A-59617*
	PH2	150	NZ	3	A-59592*
	PH2 (Slim)	150	NZ	3	A-59623*

**Twist torsion screw bit (Double-end) 10pcs. set / Magnet bottle**



With magnet



B-XXXX-6 contains 6 sets of B-XXXX with Counter display  
1/4"Hex (NZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.	
+	PH2(Slim)	65	NZ	10	B-63127

## 4. Bit holder

### Magnetic bit holder for screwdriver



With magnet  
1/4"Hex (MZ)

Length (mm)	Shank Type	Per pkg.	Part No.
60	MZ	1	784811-8
76	MZ	1	784801-1

### Magnetic bit holder / Blister pack

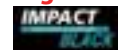
C-ring spring is installed only for North America specification (B-52451).



With magnet  
1/4"Hex (MZ)

Length (mm)	Shank Type	Part No.	Note
60	MZ	B-52445	-
60	MZ	B-52451	with C-ring
150	MZ	B-57750	with C-ring
300	MZ	B-57766	with C-ring

### Magnetic bit holder / Blister pack



With magnet  
1/4"Hex (MZ)

Length (mm)	Shank Type	Part No.	Note
60	MZ	B-66793	-

### Sleeve chuck bit holder / Blister pack



With magnet  
1/4"Hex (MZ)

Length	Shank Type	Part No.
60mm	MZ	B-52467

### Sleeve chuck bit holder / Blister pack



With magnet  
1/4"Hex (MZ)

Length (mm)	Shank Type	Part No.
60	MZ	B-66802

### Screw guide bit holder / Blister pack

It can prevent the screw from tilting and the screw be driven in vertical direction.



With magnet

1/4"Hex (MZ)

Length (mm)	Shank Type	Per pkg.	Part No.
80	MZ	1	B-48751
120	MZ	1	B-48767

### Screw guide bit holder / Blister pack

It can prevent the screw from tilting and the screw be driven in vertical direction.



With magnet

1/4"Hex (MZ)

Length (mm)	Shank Type	Per pkg.	Part No.
80	MZ	1	B-66818

### Screw guide bit holder (Clear type) / Blister pack

It can prevent the screw from tilting and the screw be driven in vertical direction. You can see the screw while driving in it.



With magnet



1/4"Hex (MZ)

Length (mm)	Shank Type	Per pkg.	Part No.
120	MZ	1	B-52934

### 26pcs.Screw guide bit holder set / Clamshell

It can prevent the screw from tilting and the screw be driven in a vertical direction. Flip top case screw bit set



1/4"Hex (MZ)

	Bit	Bit holder Length (mm)	Part No.
+	5xPH2 x 25mm	80	B-48773
	5xPZ2 x 25mm		
+	5xT20, 5xT25, 5xT30 x 25mm	120	B-48789
	5xPH2 x 25mm		
+	5xPZ2 x 25mm	80	B-49890
	5xT20, 5xT25, 5xT30 x 25mm		
+	5xPH1, 5xPh2, 5xPh3 x 25mm	120	B-49909
	5xSL5, 5xSL6 x 25mm		
+	5xPH1, 5xPh2, 5xPh3 x 25mm	120	B-49909
	5xSL5, 5xSL6 x 25mm		

### Torsion bit holder / Blister pack

1/4"Hex (MZ)



With magnet



1/4"Hex (MZ)

Length (mm)	Shank Type	Per pkg.	Part No.
66	MZ	1	B-28525

**Ultra mag torsion bit holder / Blister pack**

1/4"Hex (MZ)



With strong magnet

**Impact GOLD**

**2X  
Life**



1/4"Hex (MZ)

Length (mm)	Shank Type	Per pkg.	Part No.
79	MZ	1	B-28531

**Flexible bit holder / Blister pack**

Flexible extension for driving into hard to access corners.



With magnet



Overall length	Part No.
200mm	B-29088
300 mm	B-29103

**Flexible tough bit holder / Blister pack**

It is able to use with Impact Driver.

Flexible extension for driving into hard to access corners.



1/4"Hex

Overall length	Shank Type	Part No.
300mm	NZ	B-51851
300mm	MZ	B-51867

**5.Nutsetter**

**Magnet nutsetter(E-from) / Blister pack**



With magnet



1/4"Hex (MZ or NZ)

Size	A	Length (mm)	Shank Type	Per pkg.	Part No.
M3	5.5mm	50	MZ	1	B-38906
M3.5	6mm	50	MZ or NZ	1	B-38912
M4	7mm	50	MZ or NZ	1	B-38928
M5	8mm	50	MZ or NZ	1	B-38934
M6	10mm	50	MZ or NZ	1	B-38940
M7	11mm	50	MZ	1	B-61999
M8	12mm	50	MZ or NZ	1	B-38956
M8	13mm	50	MZ or NZ	1	B-38962
M10	17mm	50	MZ	1	B-38978
1/8"	1/4"	50	MZ	1	B-38984
3/16"	5/16"	50	MZ	1	B-38990
1/4"	3/8"	50	MZ	1	B-39001

**Magnet nutsetter (E-form) 5pcs.assortment / Blister pack**



With magnet



1/4"Hex (MZ or NZ)

A (mm)	Length (mm)	Shank Type	Per pkg.	Part No.
6,8,10,12,13	50	MZ or NZ	1pc each	B-39176

**Magnet nutsetter (E-form) / Candy jar**



With magnet  
1/4"Hex (MZ)



A (mm)	Length (mm)	Shank Type	Per pkg.	Part No.
8	50	MZ	50	B-67773
10	50	MZ	30	B-67789

1/4"Hex (NZ)

A (mm)	Length (mm)	Shank Type	Per pkg.	Part No.
8	50	NZ	50	B-68345

**Magnet nutsetter (E-form),imperial / Blister pack**

Total length: 1-7/8" (50mm)



Size: inch  
1/4"Hex (MZ)

A (Inch)	Length (Inch)	Shank Type	Per pkg.	Part No.
1/4"	1-7/8"	MZ	1	B-38794
5/16"	1-7/8"	MZ	1	B-38803
3/8"	1-7/8"	MZ	1	B-38819
7/16"	1-7/8"	MZ	1	B-38825
1/2"	1-7/8"	MZ	1	B-38831

**Magnet nutsetter (E-form) 3pcs.assortment,imperial / Blister pack**



Size: inch  
1/4"Hex (MZ)

A (Inch)	Length (Inch)	Shank Type	Per pkg.	Part No.
1/4", 5/16", 3/8"	1-7/8"	MZ	1pc each	B-38847

**Magnet nutsetter (E-form) 4pcs.assortment,imperial / Blister pack**



Size: inch  
1/4"Hex (MZ)

A (Inch)	Length (Inch)	Shank Type	Per pkg.	Part No.
1/4", 5/16", 3/8", 7/16"	1-7/8"	MZ	1pc each	B-38853

**Magnet nutsetter (E-form), imperial / Blister pack**

Total length: 2-9/16" (65mm)



With magnet



Size: inch  
1/4"Hex (MZ)

A (Inch)	Length (Inch)	Shank Type	Per pkg.	Part No.
1/4"	2-9/16"	MZ	1	B-45076
5/16"	2-9/16"	MZ	1	B-45082
3/8"	2-9/16"	MZ	1	B-45098
7/16"	2-9/16"	MZ	1	B-45107

### Magnet nutsetter (E-form) / Candy jar



With magnet  
1/4"Hex (MZ)



A (Inch)	Length (Inch)	Shank Type	Per pkg.	Part No.
1/4"	2-9/16"	MZ	50	E-01856
5/16"	2-9/16"	MZ	50	E-01862
3/8"	2-9/16"	MZ	30	E-01878

### Magnet nutsetter(C-form) 4pcs.assortment / Blister pack



With magnet



A (mm)	Length (mm)	Shank Type	Per pkg.	Part No.
8,10,12,13	48	C-form	1pc each	B-57554

### Magnet nutsetter(C-form) 4pcs.assortment,imperial / Blister pack



With magnet

A (Inch)	Length (Inch)	Shank Type	Per pkg.	Part No.
5/16",3/8",7/16",1/2"	1-7/8"	C-form	1pc each	B-59265

### Magnet nutsetter(E-form) / Blister pack



With magnet  
1/4"Hex (MZ)

Size	A (mm)	Length (mm)	Shank Type	Per pkg.	Part No.
M3.5	6	50	MZ	1	B-66824
M5	8	50	MZ	1	B-66830
M6	10	50	MZ	1	B-66846
M8	13	50	MZ	1	B-66852

### Ring nutsetter / Blister pack

The spring-loaded clip retains the fastener, eliminating all build up of swarf on the magnet which prevents correct fastener connection.

**Impact GOLD**



1/4"Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.
8mm(5/16")	50	MZ	1	B-28569
3/8"(9.6mm)	50	MZ	1	B-28575
10mm	50	MZ	1	B-28581
1/4"Hex (NZ)				
8mm(5/16")	50	NZ	1	B-30455

### Detachable nutsetter / Blister pack

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).

**20x  
Life**



**Impact GOLD**

With magnet



\* Shank 1pc. + Socket 1pc.  
\*\*Shank 1pc. + Socket 3pcs.  
1/4"Hex (MZ)

Size	Length	Shank Type	Per pkg.	Part No.
8mm(5/16")	61mm	MZ	1*	B-40266
8mm(5/16")	61mm	MZ	3**	B-40353
3/8"(9.6mm)	61mm	MZ	1*	B-40272
3/8"(9.6mm)	61mm	MZ	3**	B-40369
10mm	61mm	MZ	1*	B-40288
10mm	61mm	MZ	3**	B-40375
8, 9.6, 10mm	61mm	MZ	3**	B-40381

### 6.Bit set

1/4"Hex

#### 10pcs. Screw bit set / Clamshell

- PH1,PH2 x 50mm, PZ1,PZ2 x 50mm
- SL4.0,SL5.5 x 50mm, T20, T25, T30 x 50mm



Magnetic bit holder

Shank Type	Part No.
MZ	D-65028
NZ	D-67620

#### 11pcs. Screw bit set / Counter display

(D-XXXX-12 contains 12 sets of D-XXXX in counter display)

- PH1,PH2,PH3 x 25mm, PZ1,PZ2,PZ3 x 25mm

- T15, T20, T25, T30 x 25mm

Magnetic bit holder MZ



Shank Type	Part No.
MZ	D-30651-12

- PH1,PH2,PH3 x 25mm, SL 3/16", SL 1/4" x 25mm

- T15, T20 x 25mm, SQ1,SQ2,SQ3 x 25mm

Magnetic bit holder MZ

Shank Type	Part No.
MZ	D-31625-12

#### 11pcs. Screw bit set / Clamshell

- PH2 x 25mm, PZ1,PZ2,PZ3 x 25mm

- T10, T15, T20, T25, T30, T40 x 25mm

Magnetic bit holder MZ



Shank Type	Part No.
MZ	D-31756

### 11 pcs. screw bit set / Clamshell

PH1,PH2,PH3 x 25mm, PZ1,PZ2,PZ3 x 25mm

T15, T20, T25, T30 x 25mm

Magnetic bit holder



Shank Type	Part No.
MZ	D-64995
NZ	D-67636

PH2 x 25mm, PZ1,PZ2,PZ3 x 25mm

T20,T25,T30,T40 x 25mm, H4.5 x 25mm

Magnetic bit holder MZ

Shank Type	Part No.
MZ	D-65006

### 12 pcs. Screw bit set / Counter display (B/D-XXXXX-12 contains 12 sets of B/D-XXXXX in counter display)

PH1,PH2,PH3 x 25mm, PZ1,PZ2,PZ3 x 25mm

T10, T15, T20, T25, T30 x 25mm

Magnetic bit holder MZ



Shank Type	Part No.
MZ	D-31083-12

PH1,PH2,PH3 x 25mm, SL 3/16", SL 1/4" x 25mm

T15, T20, T25 x 25mm, SQ1,SQ2,SQ3 x 25mm, Magnetic bit holder MZ

Shank Type	Part No.
MZ	D-31619-12

PH1,PH2,PH3 x 25mm, PZ1,PZ2,PZ3 x 25mm

T10, T15, T20, T25, T30 x 25mm, Magnetic bit holder NZ

Shank Type	Part No.
NZ	D-31011-12

PH1,PH2,PH3 x 25mm, T10, T15, T20, T25, T30 x 25mm

H4, H5, H6 x 25mm, Magnetic bit holder NZ

Shank Type	Part No.
NZ	B-45381-12

### 18 pcs. Screw bit set / Counter display

(B-XXXXX-6 contains 6 sets of B-XXXXX with hanger display)

(B-XXXXX-12 contains 12 sets of B-XXXXX in counter display)

PH1, 2xPH2, PH3 x 25mm, PH1, PH2, PH3 x 50mm

PZ1, 2xPZ2, PZ3 x 25mm, PZ1, PZ2, PZ3 x 50mm

SL4, SL5, SL6 x 50mm

Sleeve chuck bit holder MZ



Shank Type	Part No.
MZ	B-28896-6

PH1, 2xPH2, PH3 x 25mm, PH1, 2xPH2, PH3 x 50mm

SQ1, 2xSQ2, SQ3 x 25mm, SQ1, 3xSQ2, SQ3 x 50mm

Sleeve chuck bit holder MZ

Shank Type	Part No.
MZ	B-40571-6

3xPH2 x 25mm, 3xPH2 x 50mm, PZ1, PZ2, PZ3 x 50mm

SL4, SL5, SL6 x 50mm

Sleevechuck bit holder MZ

Shank Type	Part No.
MZ	B-43000-12

PH1, 2xPH2, PH3 x 25mm, PH1, PH2, PH3 x 50mm, SL4, SL5, SL6 x 50mm

T10, T15, T20, T25 x 25mm, H4, H5, H6 x 50mm

Sleevechuck bit holder NZ

Shank Type	Part No.
NZ	B-45397-6

### 28 pcs. Screw bit / Counter display

(B-XXXXX-6 contains 6 sets of B-XXXXX with hanger display)

(B-XXXXX-12 contains 12 sets of B-XXXXX in counter display)



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, Magnetic bit holder MZ

Shank Type	Part No.
MZ	B-28911-6

15xPH2, 3xPH3 x 25mm, SL4, SL5, SL6 x 25mm

T10, T15, T20, T25, T30, T40 x 25mm, Magnetic bit holder MZ

Shank Type	Part No.
MZ	B-40347-12

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

T10, T15, T20, T25, T27, T30, T40 x 25mm, H2, H2.5, H3, H4, H5, H6 x 25mm

Magnetic bit holder NZ

Shank Type	Part No.
NZ	B-45412-6

### 31 pcs. Screw bit set / Counter display

(D-XXXXX-12 contains 12 sets of D-XXXXX in counter display)

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

Sleeve chuck bit holder MZ



Shank Type	Part No.
MZ	D-30667-12

### 31 pcs. Screw bit set / Counter display

(B/D-XXXXX-12 contains 12 sets of B/D-XXXXX in counter display)

PH1, 2xPH2, PH3 x 25mm, PZ1, 2xPZ2, PZ3 x 25mm

3xT10, 3xT15, 4xT20, 4xT25, 3xT30, 2xT40 x 25mm, H4, H5, H6 x 25mm

Magnetic bit holder MZ



Shank Type	Part No.
MZ	D-34936-12

PH1, 2xPH2, PH3 x 25mm, SL4, 2xSL5, SL6 x 25mm

3xT10, 3xT15, 4xT20, 4xT25, 3xT30, 2xT40 x 25mm, H4, H5, H6 x 25mm

Magnetic bit holder NZ

Shank Type	Part No.
NZ	B-45406-12



### 32pcs. Screw bit set / Shrink rap

PH0, 2xPH1, 4xPH2, 2xPH3 x 25mm, 2xPZ1, 3xPZ2, PZ3 x 25mm  
 SL4.0, SL6.0 x 25mm, T10, T15, 2xT20, 2xT25, T27, T30, T40 x 25mm  
 H3, H4, H5, H6 x 25mm, Sleeve chuck bit holder MZ, SQ1/2"



Shank Type	Part No.
MZ	D-65084
NZ	D-67642

### 21pcs. Screw bit set / Clamshell

PH1, 2xPH2, PH3 x 50mm, PZ1, 2xPZ2, PZ3 x 50mm, SL5.5, SL6.5 x 50mm, T10, T15, T20, 2xT25, 2x T30, x 50mm, H3, H4, H5, H6 x 50mm



Shank Type	Part No.
MZ	B-68323

### 31pcs. Screw bit set / Clamshell

PH0, PH1, 4xPH2, PH3 x 25mm, PZ0, PZ1, 4xPZ2, PZ3 x 25mm  
 SL4.5, SL5.5, SL6.5 x 25mm, T10, T15, 2xT20, 2xT25, T27, T30, T40 x 25mm,  
 H3, H4, H5, H6 x 25mm, Skeeve chuck bit holder



Shank Type	Part No.
MZ	B-68317
NZ	B-69901

### 31pcs. Screw bit set / Shrink rap with counter display

(E-00022 contains 12 sets of E-00016 in counter display)

PH0, PH1, 4xPH2, PH3 x 25mm, PZ0, PZ1, 4xPZ2, PZ3 x 25mm  
 SL4.5, SL5.5, SL6.5 x 25mm, T10, T15, 2xT20, 2xT25, T27, T30, T40 x 25mm,  
 H3, H4, H5, H6 x 25mm, Skeeve chuck bit holder



Shank Type	Part No.
MZ	E-00022

### 37pcs. Screw bit set / Clamshell with counter display

(B-XXXX-10 contains 10 sets of B-XXXX in counter display)

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, Magnetic bit holder MZ



Shank Type	Part No.
MZ	B-28606-10

### 21pcs. Screw bit & Socket set with Ratchet handle / Clamshell

PH1, PH2, PH3 x 25mm, PZ1, PZ2 x 25mm, SL0.8x5.5, SL1.2x6.5 x 25mm,  
 T20, T25, T30 x 25mm, H4, H6 x 25mm, Socket, H5, H6, H8, H10, H12, H13  
 Magnetic bit holder MZ, Ratchet handle 1/4"



Shank Type	Part No.
MZ/NZ	B-54081

### 43pcs. Color screw bit set / Clamshell

PH1, 2xPH2, PH3 x 25mm, PZ1, 2xPZ2, PZ3 x 25mm  
 SL3.0, SL4.0, SL4.5, SL5.5 x 25mm, T10, 2xT15, 2xT20, T25, T27, T30, T40 x 25mm  
 T10H, T15H, T20H, T25H, T27H, T30H, T40H x 25mm, H3, H4, H5, H6  
 PH2 x 75mm, PZ2 x 75mm,  
 SL4.5 x 75mm

Magnetic Nutsetter 6,8,10mm,

Sleeve chuck bit holder 60mm

Screw guide bit holder 80mm



Shank Type	Part No.
MZ/NZ	B-55697

### Tough case / Shrink rap



Size	Part No.
Small	B-62066
Middle	B-62072
Large	B-62088

### Battery type case / Shrink rap

\*with 21pcs. inner module



Part No.
B-69917
*E-00315

### 33pcs. Screw bit & Drill bit set / Clamshell

PH1, 3xPH2, PH3 x 25mm, PH2 x 50mm  
 PZ1, 3xPZ2, PZ3 x 25mm, PZ2 x 50mm  
 T15, 2xT20, 2xT25, T30 x 25mm, T15, T20, T25, T30 x 50mm

1/4" Hex Shank drill

Magnet nutsetter: 6,8,10mm

Magnetic bit holder 60mm

Screw guide bit holder 80mm



Shank Type	Part No.
MZ	B-66896

### 35pcs. Screw bit set / Clamshell

PH1, 3xPH2, PH3 x 25mm, PH1, 2xPH2, PH3 x 50mm  
 PZ1, 3xPZ2, PZ3 x 25mm, PZ1, 2xPZ2, PZ3 x 50mm  
 T15, 2xT20, 2xT25, T30 x 25mm, T15, T20, 2xT25, T30 x 50mm  
 SL5.5 x 50mm

Magnet nutsetter: 6,8,10,13mm

Magnetic bit holder 60mm



Shank Type	Part No.
MZ	B-66880



**11 pcs. Torsion screw bit set / Blister pack**



- PH1,PH2,PH3 x 25mm
- PZ1,PZ2,PZ3 x 25mm
- T15, T20, T25, T30 x 25mm



Torsion bit holder

Shank Type	Part No.
MZ	B-28597

- PH1,PH2,PH3 x 25mm, PZ1,PZ2,PZ3 x 25mm, T15, T20, T25, T30 x 25mm
- Ultra mag torsion bit holder

Shank Type	Part No.
MZ	B-30754

- PH1,3xPH2,PH3 x 25mm, SQ1,3xSQ2,SQ3 x 25mm

Ultra mag torsion bit holder

Shank Type	Part No.
MZ	B-30760

**26 pcs. Torsion screw bit set / Clamshell**

- PH1,2xPH2,PH3 x 25mm, PH2 x 50mm
- PZ1,2xPZ2,PZ3 x 25mm, PZ2 x 50mm
- SQ1,2xSQ2,SQ3 x 25mm, SQ2 x 50mm
- T10, T15, 2xT20, 2xT25, 2xT30 x 25mm, T25 x 50mm



Ultra mag torsion bit holder  
Mag boost



Shank Type	Part No.
MZ	B-49915

**26 pcs. Torsion screw bit set / Clamshell**



- PH1,2xPH2,PH3 x 25mm, PH2-PH2 x 65mm
- PZ1,2xPZ2,PZ3 x 25mm, PZ2-PZ2 x 65mm
- SQ1,2xSQ2,SQ3 x 25mm, SQ2 x 50mm
- T10, T15, 2xT20, 2xT25, 2xT30 x 25mm



Detachable Nutsetter, Torsion bit holder, Mag boost

Shank Type	Part No.
MZ	B-49921

**38 pcs. Torsion screw bit set / Clamshell**



- PH1,3xPH2,PH3 x 25mm, PH2-PH2 x 65mm
- PZ1,3xPZ2,PZ3 x 25mm
- SQ1,3xSQ2,SQ3 x 25mm
- T10, T15, 3xT20, 3xT25, 3xT30 x 25mm



Assort, PZ2-T20,PZ-T25,PZ2-T30,PH2-SQ2 x 65mm

Detachable nutsetter, Torsion bit holder, 1/4" Socket adapter, Mag boost

Shank Type	Part No.
MZ	B-54536

**7. Socket adapter / Socket bit**

**Socket adapter / Blister pack**

It allows impact driver to fasten or loosen bolt and nut.



1/4"Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.
SQ 3/8"	50	MZ	1	B-54667
SQ 1/2"	50	MZ	1	B-54673

1/4"Hex (NZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.
SQ 3/8"	50	NZ	1	B-54689
SQ 1/2"	50	NZ	1	B-54695

1/4"Hex (MZ) 150mm

Size	Length (mm)	Shank Type	Per pkg.	Part No.
SQ 3/8"	150	MZ	1	B-57738
SQ 1/2"	150	MZ	1	B-57744

**Socket adapter with 7/16" hex shank / Blister pack**



Size	Length (mm)	Shank Type	Per pkg.	Part No.
SQ 3/8"	75	7/16" Hex	1	B-59835
SQ 1/2"	75	7/16" Hex	1	B-59841

**Socket adapter / Blister pack**

It allows impact driver to fasten or loosen bolt and nut.



1/4"Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.
SQ 3/8"	50	MZ	1	B-66868
SQ 1/2"	50	MZ	1	B-66874

**9 pcs. Socket adapter assortment / Blister pack**



It allows impact driver to fasten or loosen bolt and nut.

8,10,12,13,14,15,17,18mm  
Socket adapter 50mm



1/4"Hex (MZ)

Size	Shank Type	Per pkg.	Part No.
SQ 3/8"	MZ	9	B-54651
SQ 1/2"	MZ	9	B-54645

1/4"Hex (NZ)

Size	Shank Type	Per pkg.	Part No.
SQ 3/8"	NZ	9	B-55778
SQ 1/2"	NZ	9	B-55762

## 7pcs.Socket adapter assortment / Clamshell



It allows impact driver to fasten or loosen bolt and nut.  
13,17,19,21,22,24mm  
Socket adapter 50mm



1/4"Hex (MZ)

Size	Shank Type	Per pkg.	Part No.
SQ 1/2"	MZ	1	B-69733

## Tilt socket adapter / Blister pack

The socket can tilt up to 15°angle  
to assist fastening in confined applications.

**Impact GOLD**



1/4"Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	Part No.
SQ 3/8"	56	MZ	1	B-28547
SQ 1/2"	56	MZ	1	B-28553

## Semi long socket bit / Hanger hook

Able to screw the nut on the long protruded bolt as the sockets inside is hollow and able to reach the nut without interference of the bolt.

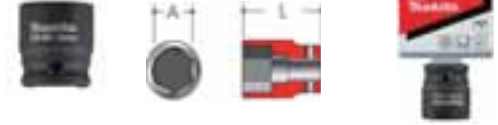


1/4"Hex (NZ)

A (mm)	D (mm)	L (mm)	Shank Type	Per pkg.	Part No.
8	50	90	NZ	1	A-58914
10	50	90	NZ	1	A-58920
12	50	90	NZ	1	A-58936
13	50	90	NZ	1	A-58942
14	50	90	NZ	1	A-58958
17	50	90	NZ	1	A-58964
19	50	90	NZ	1	A-58970
21	50	90	NZ	1	A-58986
24	50	90	NZ	1	A-58992

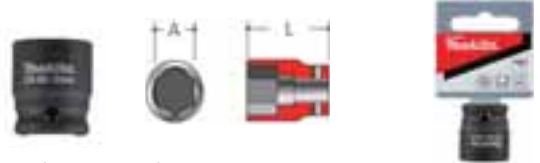
## 8. Impact socket

### Impact socket / Hanger hook



For impact wrenches with 3/8" square drive.

A(mm)	L(mm)	Part No.	A(mm)	L(mm)	Part No.
6	28	B-39883	15	28	B-39970
7	28	B-39899	16	28	B-39986
8	28	B-39908	17	30	B-39992
9	28	B-39914	18	30	B-40004
10	28	B-39920	19	30	B-40010
11	28	B-39936	20	30	B-40026
12	28	B-39942	21	30	B-40032
13	28	B-39958	22	30	B-40048
14	28	B-39964			



\*3pcs / set

For impact wrenches with 1/2" square drive.

A(mm)	L(mm)	Impact socket	Pin		O-ring	
		Part No.	Part No.	Part No.	Part No.	Part No.
8	38	B-40054	*B-54586	268056-1	*B-54542	213396-2
9	38	B-40060	*B-54586	268056-1	*B-54542	213396-2
10	38	B-40076	*B-54586	268056-1	*B-54542	213396-2
11	38	B-40082	*B-54586	268056-1	*B-54542	213396-2
12	38	B-40098	*B-54586	268056-1	*B-54542	213396-2
13	38	B-40107	*B-54586	268056-1	*B-54542	213396-2
14	38	B-40113	*B-54586	268056-1	*B-54542	213396-2
15	38	B-40129	*B-54586	268056-1	*B-54542	213396-2
16	38	B-40135	*B-54586	268056-1	*B-54542	213396-2
17	38	B-40141	*B-54586	268056-1	*B-54558	213370-0
18	38	B-40157	*B-54601	268057-9	*B-54564	213398-8
19	38	B-40163	*B-54601	268057-9	*B-54564	213398-8
20	38	B-40179	*B-54617	268057-9	*B-54570	213399-6
21	38	B-40185	*B-54617	268057-9	*B-54570	213399-6
22	38	B-40191	*B-54617	268057-9	*B-54570	213399-6
23	38	B-40200	*B-54617	268057-9	*B-54570	213399-6
24	38	B-40216	*B-54617	268057-9	*B-54570	213399-6
27	42	B-40222	*B-54617	268057-9	*B-54570	213399-6
30	44	B-40238	*B-54617	268057-9	*B-54570	213399-6
32	44	B-40244	*B-54617	268057-9	*B-54570	213399-6

### Impact socket /Bulk



\*3pcs / set

For impact wrenches with 1/2" square drive.

A(mm)	L(mm)	Impact socket	Pin		O-ring	
		Part No.	Part No.	Part No.	Part No.	Part No.
10	38	B-10497	*B-54586	268056-1	*B-54542	213396-2
12	38	A-89931	*B-54586	268056-1	*B-54542	213396-2
13	38	134825-1	*B-54586	268056-1	*B-54542	213396-2
14	38	134826-9	*B-54586	268056-1	*B-54542	213396-2

A(mm)	L(mm)	Impact socket	Pin			O-ring	
			Part No.	Part No.	Part No.	Part No.	Part No.
16	38	B-10506	*B-54586	268056-1	*B-54542	213396-2	
17	38	134829-3	*B-54592	268056-1	*B-54558	213397-0	
19	38	134831-6	*B-54601	268057-9	*B-54564	213398-8	
21	38	134838-2	*B-54617	268057-9	*B-54570	213399-6	
22	38	134851-0	*B-54617	268057-9	*B-54570	213399-6	
23	38	134840-5	*B-54617	268057-9	*B-54570	213399-6	
24	45	134841-3	*B-54617	268057-9	*B-54570	213399-6	
26	50	134842-1	*B-54617	268057-9	*B-54570	213399-6	
27	50	134844-7	*B-54617	268057-9	*B-54570	213399-6	
30	50	134846-3	*B-54617	268057-9	*B-54570	213399-6	
32	50	134848-9	*B-54617	268057-9	*B-54570	213399-6	
13	52	134827-7	*B-54586	268056-1	*B-54542	213397-0	
14	52	134828-5	*B-54586	268056-1	*B-54542	213397-0	
17	52	134830-8	*B-54592	268056-1	*B-54558	213397-0	
19	52	134832-4	*B-54601	268057-9	*B-54564	213398-8	
21	52	134833-2	*B-54617	268057-9	*B-54570	213398-8	
22	52	134834-0	*B-54617	268057-9	*B-54570	213398-8	
23	52	134835-8	*B-54617	268057-9	*B-54570	213398-8	
24	52	134836-6	B-546017	268057-9	*B-54570	213398-8	

## Deep type

12	75	134867-5	*B-54586	256095-3	*B-54542	213370-0
19	78	134837-4	*B-54601	268057-9	*B-54564	213399-6
21	78	134839-0	*B-54617	268057-9	*B-54570	213399-6
26	78	134843-9	*B-54617	268057-9	*B-54570	213399-6
27	78	134845-5	*B-54617	268057-9	*B-54570	213399-6
30	78	134847-1	*B-54617	268057-9	*B-54570	213399-6
32	78	134849-7	*B-54617	268057-9	*B-54570	213399-6



For impact wrenches with 19mm (3/4") square drive.

A(mm)	L(mm)	Impact Socket	Pin	O-ring
		Part No.	Part No.	Part No.
17	50	A-85494	-	-
19	50	A-85519	256283-2	213461-7
21	52	A-85531	256283-2	213461-7
22	52	A-85553	256283-2	213461-7
24	52	A-85575	256283-2	213461-7
26	52	134853-6	213461-7	256283-2
27	52	134855-2	213461-7	256283-2
30	52	134857-8	213514-2	256282-4
32	52	134871-4	213514-2	256282-4
35	56	134860-9	213514-2	256282-4
36	56	134862-5	213514-2	256282-4

## Deep type

17	95	A-85503	-	-
19	95	A-85525	256282-4	213514-2
21	95	A-85547	256282-4	213514-2
22	95	A-85569	256282-4	213514-2
24	95	A-85581	256282-4	213514-2
26	95	134854-4	213514-2	256282-4
27	95	134856-0	213514-2	256282-4
30	95	134858-6	213514-2	256282-4
32	95	134859-4	213514-2	256282-4
35	95	134861-7	213514-2	256282-4
36	95	134863-3	213514-2	256282-4



For impact wrenches with 25mm (1") square drive.

A(mm)	L(mm)	Impact socket	Pin	O-ring
		Part No.	Part No.	Part No.
35	80	134864-1	256284-0	213570-2
36	80	134865-9	256284-0	213570-2
41	80	134872-2	256284-0	213570-2

## Impact socket (Deep type) / Hanger hook



\*3pcs / set

For impact wrenches with 3/8" square drive.

A(mm)	L(mm)	Part No.	A(mm)	L(mm)	Part No.
7	63	B-55398	15	63	B-52227
8	63	B-55407	16	63	B-52233
9	63	B-55413	17	63	B-52249
10	63	B-55429	18	63	B-52255
11	63	B-55435	19	63	B-52261
12	63	B-55441	20	63	B-52277
13	63	B-55457	21	63	B-52283
14	63	B-55463	22	63	B-52299



For impact wrenches with 3/8" square drive.

A(Inch)	L(inch)	Part No.	A(Inch)	L(inch)	Part No.
1/4"	2-1/2"	A-99518	5/8"	2-1/2"	A-99580
5/16"	2-1/2"	A-99524	11/16"	2-1/2"	A-99596
11/32"	2-1/2"	A-99530	3/4"	2-1/2"	A-99605
3/8"	2-1/2"	A-99546	13/16"	2-1/2"	A-99611
7/16"	2-1/2"	A-99552	7/8"	2-1/2"	A-99627
1/2"	2-1/2"	A-99568	15/16"	2-1/2"	A-99633
9/16"	2-1/2"	A-99574	1"	2-1/2"	A-99649

## Deep type / Hanger hook



\*3pcs / set

For impact wrenches with 1/2" square drive.

A(mm)	L(mm)	Impact socket	Pin			O-ring	
		Part No.	Part No.	Part No.	Part No.	Part No.	
8	81.5	B-52146	*B-54586	268056-1	*B-54542	213396-2	
10	81.5	B-52152	*B-54586	268056-1	*B-54542	213396-2	
11	81.5	B-52168	*B-54586	268056-1	*B-54542	213396-2	
12	81.5	B-52174	*B-54586	268056-1	*B-54542	213396-2	
13	81.5	B-52180	*B-54586	268056-1	*B-54542	213396-2	
14	81.5	B-52196	*B-54586	268056-1	*B-54542	213396-2	
16	81.5	B-52205	*B-54586	268056-1	*B-54542	213396-2	
17	81.5	B-52211	*B-54586	268056-1	*B-54558	213370-0	
18	81.5	B-52227	*B-54601	268057-9	*B-54564	213398-8	
19	81.5	B-52233	*B-54601	268057-9	*B-54564	213398-8	
21	81.5	B-52249	*B-54617	268057-9	*B-54570	213399-6	
22	81.5	B-52255	*B-54617	268057-9	*B-54570	213399-6	
24	81.5	B-52261	*B-54617	268057-9	*B-54570	213399-6	
27	81.5	B-52277	*B-54617	268057-9	*B-54570	213399-6	
30	81.5	B-52283	*B-54617	268057-9	*B-54570	213399-6	
32	81.5	B-52299	*B-54617	268057-9	*B-54570	213399-6	



For impact wrenches with 1/2" square drive.

A(Inch)	L	Part No.	A(Inch)	L(inch)	Part No.
3/8"	3-3/16"	A-96235	7/8"	3-3/16"	A-96316
7/16"	3-3/16"	A-96241	15/16"	3-3/16"	A-96322
1/2"	3-3/16"	A-96257	1"	3-3/16"	A-96338
9/16"	3-3/16"	A-96263	1-1/16"	3-3/16"	A-96344
5/8"	3-3/16"	A-96279	1-1/8"	3-3/16"	A-96350
11/16"	3-3/16"	A-96285	1-3/16"	3-3/16"	A-96394
3/4"	3-3/16"	A-96291	1-1/4"	3-3/16"	A-96366
13/16"	3-3/16"	A-96300			

### Impact socket (Deep type) / Bulk



A(mm)	L(mm)	Impact Socket	Pin		O-ring	
		Part No.	Part No.	Part No.	Part No.	Part No.
12	75	134867-5	*B-54586	256095-3	*B-54542	213370-0
19	78	134837-4	*B-54601	268057-9	*B-54564	213399-6
21	78	134839-0	*B-54617	268057-9	*B-54570	213399-6
26	78	134843-9	*B-54617	268057-9	*B-54570	213399-6
27	78	134845-5	*B-54617	268057-9	*B-54570	213399-6
30	78	134847-1	*B-54617	268057-9	*B-54570	213399-6
32	78	134849-7	*B-54617	268057-9	*B-54570	213399-6

### 9pcs. Impact socket set / Shrink rap



(With pin and O ring)

8,10,13,16,17,18,19,21,24mm



Part No.

D-41517

8,10,12,13,14,16,17,19,21mm

Part No.

B-66232

### 9pcs. Impact socket set / Clamshell



(With pin and O ring)

10,11,13,17,19,21,22, 24, 27 mm



Part No.

B-69749

### 14pcs. Impact socket (Deep type) set / Paper sleeve



\*With pin and O ring

Drive	Size	Part No.
1/2" Drive	7/16",1/2",9/16",5/8",11/16",3/4",13/16",7/8",15/16",1",1-1/16",1-1/8",1-3/16",1-1/4"	A-96372
1/2" Drive	10,11,12,13,14,16,17,19,21,22,24,27,30,32mm	*B-52308
3/8" Drive	1/4",5/16",11/32",3/8",7/16",1/2",9/16",5/8",11/16",3/4",13/16",7/8",15/16",1"	A-99655
3/8" Drive	8,9,10,11,12,13,14,15,16,17,18,19,21,22mm,	B-55550

### Socket extension / Hanger hook



1/2" anvil

Size	Length (mm)	Anvil	Impact socket	Pin	O-ring
			Part No.	Part No.	Part No.
SQ1/2"	75	SQ1/2"	B-55706	B-54586	B-54542
SQ 1/2"	150	SQ 1/2"	B-55712	B-54586	B-54542
SQ1/2"	300	SQ1/2"	B-55728	B-54586	B-54542

### Bit adapter / Clamshell



1/4"Hex (MZ)

Drive size	Bit size	Part No.	Pin	O-ring
			Part No.	Part No.
SQ3/8"	1/4"Hex(MZ)	B-68454	-	-
SQ1/2"	1/4"Hex(MZ)	B-68448	B-54586	B-54558

1/4"Hex (NZ)

SQ3/8"	1/4"Hex(NZ)	B-68482	-	-
SQ1/2"	1/4"Hex(NZ)	B-68476	B-54586	B-54558

### Extension bar / Bulk

(With pin and O ring)



Model No.		Drive Size	L (mm)	Part No.
DC	DTW1002, DTW450, DTW285, DTW284, DTW250, DTW190,	SQ1/2"	100	134874-8
AC	6953, 6904VH, 6905B, 6905H, TW0200, TW0350			
DC	DTW1001	SQ3/4"	150	134869-1
AC	6906			
AC	TW1000	SQ1"	200	134870-6

### Universal joint / Bulk

(With pin and O ring)

For use in tight areas where the tool cannot be held in line with bolt or nut



Model No.		Drive size	L (mm)	Part No.
DC	DTW1002, DTW450, DTW285, DTW284, DTW250, DTW190,	SQ1/2"	84	134877-2
AC	6953, 6904VH, 6905B, 6905H, TW0200, TW0350			
DC	DTW1001	SQ3/4"	105.5	134876-4
AC	6906			

### Bit adapter assembly / Bulk

(With pin and O ring)



Model No.		Drive size	Bit size	Part No.
DC	DTW190,	SQ1/2"	Hex. 6.35(1/4")	134873-0
AC	6904VH, 6953, TW0200			

**Pin & O-ring for 1/2" Impact socket / Plastic bag**



3pcs set

For socket size	Pin	O-ring
	Part No.	Part No.
8-16mm	B-54586	B-54542
17mm	B-54592	B-54558
18,19mm	B-54601	B-54564
20-32mm	B-54617	B-54570

**8.Other**

**Threaded rod socket bit / Hanger hook**

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.	Part No.
M6	66	MZ	1	B-42961
M8	66	MZ	1	B-42977
M10	66	MZ	1	B-42983
3/8"	66	MZ	1	B-51611
1/2"	66	MZ	1	B-51627

**9pcs.Threaded rod socket bit set / Display**

Pop with threaded rod (8mm)



1/4"Hex (MZ)

Size	Length (mm)	Shank Type	Per pkg.	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	9	B-43022

**Mag boost / Blister pack**



1/4"Hex (MZ)

Size	Length	Shank Type	Part No.
Mag boost	-	-	B-42422

1 (Mag boost) + 5 (Screw bit 50mm) set

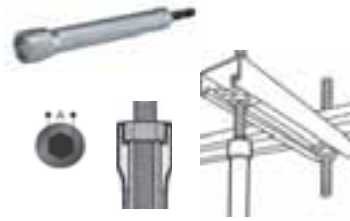
	PH2	50mm	MZ	B-42488
	PZ2	50mm	MZ	B-42472
	T25	50mm	MZ	B-42494
	SQ2	50mm	MZ	B-42519

Assortment

	(2 x PH2, 2 x PH2, T25)	50mm	MZ	B-42503
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**Hollow socket bit / Hanger hook**

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.	Part No.
10	75	MZ	1	B-52526
10	150	MZ	1	B-52532
10	300	MZ	1	B-52548
10	500	MZ	1	B-52554
10	700	MZ	1	B-52560
13	75	MZ	1	B-52576
13	150	MZ	1	B-52582
13	300	MZ	1	B-52598
13	500	MZ	1	B-52607
13	700	MZ	1	B-52613
17	75	MZ	1	B-52629
17	150	MZ	1	B-52635
17	300	MZ	1	B-52641
17	500	MZ	1	B-52657
17	700	MZ	1	B-52663

Size:inch  
1/4"Hex (MZ)

A (Inch)	Length (Inch)	Shank Type	Per pkg.	Part No.
7/16"	3"	MZ	1	B-50784
7/16"	6"	MZ	1	B-50790
7/16"	12"	MZ	1	B-50809
7/16"	18"	MZ	1	B-50815
7/16"	24"	MZ	1	B-50821
9/16"	3"	MZ	1	B-43290
9/16"	6"	MZ	1	B-43309
9/16"	12"	MZ	1	B-43315
9/16"	18"	MZ	1	B-43321
9/16"	24"	MZ	1	B-43337
3/4"	3"	MZ	1	B-43343
3/4"	6"	MZ	1	B-43359
3/4"	12"	MZ	1	B-43365
3/4"	18"	MZ	1	B-43371
3/4"	24"	MZ	1	B-43387
15/16"	3"	MZ	1	B-50837
15/16"	6"	MZ	1	B-50843
15/16"	12"	MZ	1	B-50859
15/16"	18"	MZ	1	B-50865
15/16"	24"	MZ	1	B-50871

**Bit catcher for MZ shank / Paper hook**



Color	Shank Type	Part No.
Makita Blue	MZ	B-54411



### Bit catcher for NZ shank / Paper hook



Color	Shank Type	Part No.
Makita Blue	NZ	B-63096
Black	NZ	B-63105

### Key adapter for NZ shank / Paper hook



Shank Type	Part No.
NZ	B-63111

### Earth auger drill bit / Pouch

It can drill into ground.  
It is suitable for building greenhouse



Bit Di(mm)	Length (mm)	Working length (mm)	Part No.
20	600	530	B-54346
25	600	530	B-54352
30	600	530	B-54368
35	600	530	B-54374
40	600	530	B-57582

### Earth auger drill bit set (Comes with socket, pin and O-rings) / Pouch



Bit Dia. (mm)	Length (mm)	Working length (mm)	Part No.
20	600	530	B-54302
25	600	530	B-54318
30	600	530	B-54324
35	600	530	B-54330
40	600	530	B-57576

### Socket for earth auger drill bit / Clamshell



Part No.
B-54380

### Pin for Socket (For earth auger drill bit) / plastic bag



Part No.
B-54396

### O-ring for socket (For earth auger drill bit) / plastic bag



Part No.
B-54405









# ACCESSORIES

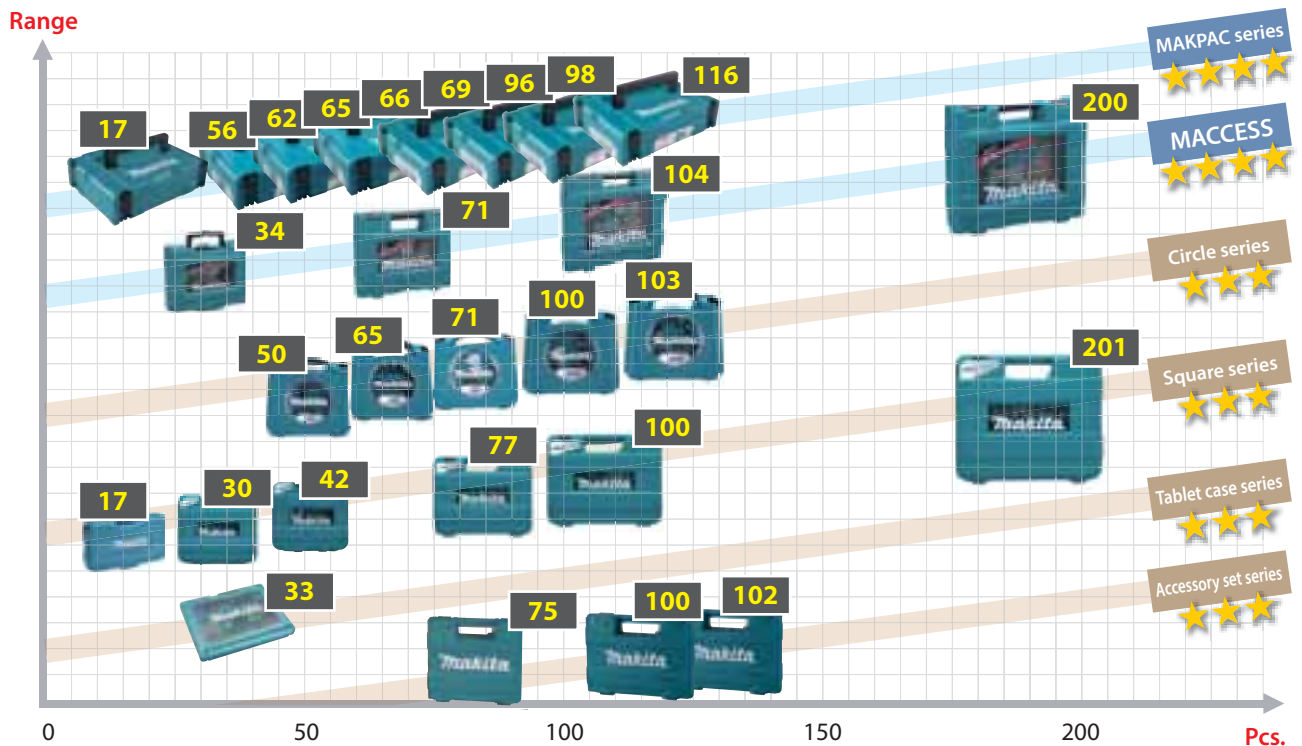
## ▣ Drill and Screw Bit Sets



# Accessories

## Accessory set Lineup

Range	Series	Pcs.	Contents						Size						
			Screw bit	Metal	Wood	Masonry	SDS-PLUS	Hand tool	Metric (Shank type MZ)		Metric (Shank type NZ)	Inch (Shank type MZ)	Metric SDS-PLUS		
									Screw bit mainly PZ & PH	Screw bit mainly SQ & PH				W	W
★★★★	<b>MAKPAC series</b>  <p>MAKPAC accessory set comes with Makpac type 1. It consists of drill bit, screw bit and hand tools.</p>	17					•							B-52059 B-53877	
		56	•	•	•				B-53768						
		62	•	•	•	•			B-53908	B-53148					
		65	•	•	•		•							B-69478	
		66	•	•	•				B-43050		B-43072	B-51661			
		69	•	•	•	•			B-49638						
		96	•	•	•	•		•	B-49725						
		98	•	•	•	•		•		B-53154					
		116	•	•	•	•		•	B-49884						
		★★★★	<b>MACCESS series</b>  <p>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.</p>	34	•	•	•	•		D-36996					
				71	•	•	•	•		•	D-37144				
104	•			•	•	•		•	D-37150						
200	•			•	•	•		•	D-37203						
★★★	<b>Circle series</b>  <p>Circle series comes with bit and hand tool set. These series are more reasonable than MACCESS series.</p>	50	•	•	•	•		•	D-42313-6		D-53687				
		65	•					•	D-42329-6						
		71	•	•	•	•		•	D-47189-6			D-53001			
		100	•	•	•	•		•	D-42335-5						
		103	•	•	•	•		•	D-42341-5			D-53017			
	<b>Square series</b>  <p>Square series does not contain neither high quality expensive items nor hand tools, to keep it less expensive.</p>	17	•	•		•		•	D-40216	D-46551	D-53693	D-45836			
		30	•	•	•	•		•	D-47210-10			D-53702			
		42	•	•	•			•	D-58877						
		77	•	•	•	•		•	D-47232-5						
		100	•	•	•	•		•	D-47254-5						
201	•	•	•	•		•	D-47276-2								
★★★★	<b>Tablet case series</b>  <p>This is a slim case set and easy to carry and it is stylish design. You can put in and take out the bits smoothly and it will increase your work effort.</p>	33	•	•	•	•			B-49389						
		<b>Accessory set series</b>  <p>Accessory set series is the set item with the reasonable price. This is the item eliminating the window on the plastic case of Square series.</p>	75	•	•	•	•			B-49373					
			100	•	•	•	•			B-54520 B-54879					
102	•	•	•	•			B-68432								



**MAKPAC series**

MAKPAC accessory set comes with Makpac type 1. It consists of drill bit, screw bit and hand tools.



**MAKPAC 17pcs. Drill bit & Chisel assortment (SDS-PLUS)**

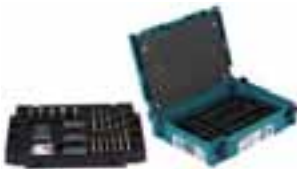
metric size  
Drill bit x12pcs. Bull point x2pcs.  
Cold chisel x2pcs. Scaling chisel x1pcs



Bit Dia. (mm)	Length (mm)	Working length (mm)	Part No.
5, 5.5, 6, 7,	110	42	B-52059
6, 7, 8, 10	160	92	
8, 10	210	140	
14	260	175	
Bull Point 140, 250			
Cold Chisel 20x140, 20x250			B-53877
Scaling Chisel 50x400			
5, 6, 7, 8	110	42	
5, 6, 7, 10	160	92	
8, 10, 12	210	140	
14	260	175	B-53877
Bull Point 140, 250			
Cold Chisel 20 x 140, 20 x 250			
Scaling Chisel 40x250			

**MAKPAC 56pcs. Set for impact driver**

HSS-TiN impact drill bit x6pcs. Wood drill bit x5pcs, Screw bit 100mm x6pcs.  
Screw bit 50mmx34pcs. Socket x5pcs.



metric size Type MZ
Part No.
B-53768

**MAKPAC 62pcs. Drill & Screw bit set**

18pcs. Metal drill box set, 37pcs. Screw bit set, Socket x5pcs. Drywall bit, Sleeve chuck bit holder



metric size Type MZ
Part No.
B-53908

**MAKPAC 66pcs. Drill & Screw bit set**

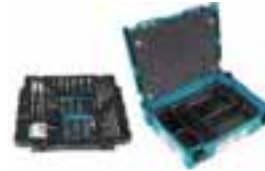
HSS-G drill bit x11pcs. Wood drill bit x5pcs,  
Flat bit x3pcs. Sleeve chuck bit holder,  
Screw bit 25mm x36pcs. Magnetic bit holder,  
Screw bit 50mmx10pcs. Socket x5pcs.



metric size Type MZ	metric size Type NZ	inch size Type MZ
Part No.	Part No.	Part No.
B-43050	B-43072	B-51661

**MAKPAC 69pcs. Drill & Screw bit set**

HSS-G drill bit x5pcs. Wood drill bit x5pcs. Flat bit x3pcs. Masonry drill bit x4pcs.  
Sleeve chuck bit holder, Screw bit 25mm x36pcs. Magnetic bit holder,  
Screw bit 50mmx10pcs. Socket x5pcs.



metric size Type MZ
Part No.
B-49638

**MAKPAC 96pcs. Bit & Hand tool set**

18pcs. Metal drill box set, 37pcs. Screw bit set x2, Tape measure 3m,  
Ratchet screwdriver, Mini screwdriver, Snap-off knife



metric size Type MZ
Part No.
B-49725

**MAKPAC 98pcs. Bit & Hand tool set**

18pcs. Metal drill box set, 37pcs. Screw bit set, Socket x5pcs. Drywall bit,  
Sleeve chuck bit holder, Ratchet screwdriver, Stubby screwdriver, Snap-off knife  
Tape measure 3m



metric size Type MZ
Part No.
B-53154

**MAKPAC 116pcs. Bit & Hand tool set**

18pcs. Metal drill bit box set, 47pcs. Ratchet & Bit set,  
48pcs. HSS-G, screw & Screw bit set, Tape measure 3m  
Snap-off knife, LED pen light



metric size Type MZ
Part No.
B-49884

**MAKPAC 65pcs. Set for SDS-PLUS**

HSS-TiN drill bit for SDS-PLUS x8pcs. Wood drill bit for SDS-PLUS x5pcs, Masonry drill  
bit for SDS-PLUS x5pcs, Screw bit 25mm x40pcs, Nutsetter x4pcs.  
Countersink, Sleevechuck bitholder for SDS-PLUS, Measure



metric size
Part No.
B-69478



### 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.



### 34pcs. Combination set

HSS-R metal drill bit x7pcs. Masonry drill bit x5pcs. Brad point drill bit x5pcs. Countersink bit, Screw bit 25mm x12pcs. Nutsetter x3pcs. Magnetic bit holder



metric size Type MZ

Part No.

D-36996

### 71pcs. Combination set

HSS-TiN drill bit x12pcs., Masonry drill bit x5pcs. Brad point drill bit x 5pcs. Flat bit x3pcs., Countersink bit, Screw bit 25mm x24pcs. Magnetic bit holder, Sleeve chuck bit holder, Screw bit 50mm x10pcs. Nutsetter x4pcs. Measure 3m, Center punch, Diameter gauge, Cutter knife with 7 spare blades (1set), Screw driver for C form (hand tool)



metric size Type MZ

Part No.

D-37144

### 104pcs. Combination set

HSS-TiN drill bit x14pcs. Masonry drill bit x5pcs. Brad point drill bit x7pcs. Flat bits x3pcs. Countersink, Depth gauge x4pcs. Hex. wrench 2.5 for depth gauge, Screw bit 25mm x40pcs. Magnetic bit holder, Sleeve chuck bit holder, Screw bit 50mm x18pcs, Nutsetter x4pcs., Leveler, Measure 3m, Diameter gauge, Cutter knife with 7 spare blades (1set), Screw driver for C form (hand tool)



metric size Type MZ

Part No.

D-37150

### 200pcs. Combination set

HSS-TiN drill bit x16pcs. Masonry drill bit x7pcs. Brad point drill bit x7pcs. Flat bit x3pcs. Screw bit 100mm x16pcs. Screw bit 50mm x42pcs. Screw bits 25mm x66pcs. Sleeve chuck bit holder, Nutsetter x10pcs. Depth gauges x4pcs. Hex. wrench 2.5 for depth gauge, Countersink, Hole saw x5pcs. Arbor for hole saw, Leveler, Measure 5m, Diameter gauge, Cutter knife with 7 spare blades (1set), Pen light, 300mm flexible bit holder, Nutsetter x8pcs. Socket adapter, Ratchet for screwdriver, Nose plier, Combination plier, Center punch, Adjustable wrench



metric size Type MZ

Part No.

D-37203

### Circle series come with bit and hand tool set

These series are more reasonable than MACCESS series.



### 50pcs. Bit & Hand tool display set (6pcs. set)

Masonry drill bit x6pcs. Wood drill bit x5pcs, Flat bit x2pcs. HSS-R drill bit x11pcs. Diameter gauge 1-10mm, Countersink bit, Knife, Screw bit 25mm x18pcs. Magnetic bit holder, Socket x3pcs. Socket adapter



metric size Type MZ

metric size Type NZ (Bulk, without counter display)

Part No.

Part No.

D-42313-6

D-53687

### 65pcs. Ratchet & Bit display set (6pcs. set)

Ratchet driver, Screw bit 50mm x10pcs. Screw bit 25mm x31pcs, Magnetic bit holder, Flex shaft, Socket mm x6pcs, Socket inch x6pcs. Socket adapter for 25mm screw driver



metric size Type MZ

Part No.

D-42329-6

### 71pcs. Bit & Hand tool set (6pcs. set)

Masonry drill bit x6pcs. Wood drill bit x5pcs, Flat Bit x3pcs. HSS-R drill bit x11pcs. Measure 3m, Diameter gauge 1-10mm, countersink, Screw bit 50mm x10pcs. Socket x7pcs. Screw bit 25mm x24pcs. Magnetic bit holder, Socket adapter for 25mm screw driver



metric size Type MZ

metric size Type NZ (Bulk, without counter display)

Part No.

Part No.

D-47189-6

D-53001

### 100pcs. Bit & Hand tool display set (5pcs. set)

Masonry drill x7pcs. Wood drill x5pcs, Flat bit x3pcs. HSS-R drill bit x11 pcs. Hole saw, Hole saw arbor, Depth stop, Level, Diameter gauge 1-10mm, Hex key wrench, Countersink, Ratchet driver, Screw bit 25mm x24pcs. Magnetic bit holder, Socket x8pcs. Socket adapter for 25mm screw driver, LED light



metric size Type MZ

Part No.

D-42335-5

### 103pcs. Bit & Hand tool display set (5pcs. set)

Masonry drill x7pcs. Wood drill x7pcs. Flat bit x3pcs. HSS-R drill bit x11 pcs, Hole saw, Hole saw arbor, Depth stop, Measure 3m, Diameter gauge 1-10mm, Hex key wrench, Level, Countersink, Screw bit 25mm x24pcs, Magnetic bit holder, Socket x7pcs. Socket adapter for 25mm screw driver, Long nose plier, Combination plier, Adjustable wrench, Nail hammer



metric size Type MZ

metric size Type NZ (Bulk, without counter display)

Part No.

Part No.

D-42341-5

D-53017

**Square series**

Square series does not contain neither high quality expensive items nor hand tools, to keep it less expensive.



**17pcs. Combination set**

HSS-R drill bit x4pcs. Masonry drill bit x4pcs. Screw bit 25mm x12pcs. Magnetic bit holder



metric size Type MZ	metric size Type NZ	inch size Type MZ
Part No.	Part No.	Part No.
D-40216	D-53693	D-45836

**30pcs. Combination set**

HSS-R drill bit x4pcs. Masonry drill bit x4pcs. Wood drill bit x4pcs. Screw bit 25mm x16pcs. Magnetic bit holder, Countersink



metric size Type MZ	metric size Type NZ (Bulk, without counter display)
Part No.	Part No.
D-47210-10	D-53702

**34pcs. Combination set**

HSS-TiN drill bit x7pcs, Masonry drill x 5pcs. , Wood drill x 5pcs. Nutsetter x3pcs. Screw bit 25mm x12pcs, Magnetic bit holder, Countersink,



metric size Type MZ (Bulk, without counter display)
Part No.
B-68498

**42pcs. Combination set (1/4" Hex shank)**

HSS-G drill bit x5pcs, Nutsetter x7pcs. Screw bit 50mm x25pcs, Screw bit 100mm x2pcs. Magnetic bit holder, Socket adapter 1/4", Screw bit holder



metric size Type MZ (Bulk, without counter display)
Part No.
D-58877

**77pcs. Combination set**

HSS-R drill bit x12pcs. Masonry drill bit x6pcs. Wood drill bit x5pcs. Flat bit x3pcs, Screw bit 25mm x 32pcs. Nutsetter x 6pcs. Screw bit 50mm x 10pcs, Magnetic bit holder, Countersink, Diameter gauge



metric size Type MZ
Part No.
D-47232-5

**100pcs. Combination set**

HSS-R metal drill bit x14pcs. Masonry drill bit x6pcs. Wood drill bit x7pcs. Flat bit x3pcs. Screw bit 25mm x40pcs. Nutsetterx6pcs. Screw bit 50mm x16pcs. Depth gauge x4pcs. Hex. wrench 2.5 for depth gauge, Countersink, Magnetic bit holder, Diameter gauge



metric size Type MZ
Part No.
D-47254-5

**201pcs. Combination set**

HSS-R drill bit x25pcs. Masonry drill bit x11pcs. Wood drill bit x12pcs. Flat bit x5pcs. Countersink bit, Depth gauge x4pcs. Hex. wrench 2.5 for depth gauge, Hole saws x5pcs. Hole saw arbor, Screw bit 25mm x60pcs. Screw bit 50mm x50pcs. Nutsetter x10pcs. Sockets for hand tool x9pcs. Socket adpoter 25mm, Socket adpoter 50mm, SLeeve chuck Bit holder, Magnetic bit holder, Bit stopper, Diameter gauge, Screw guide



metric size Type MZ
Part No.
D-47276-2

**Tablet case series**

This is a slim case set and easy to carry and it is stylish design. You can put in and take out the bits smoothly and it will increase your work effort.



**33pcs. Tablet case set**

HSS-R drill bit x7pcs. Masonry drill bit x5pcs. Wood drill bit x6pcs. Screw bit 25mm x10pcs. Nutsetter x3pcs, Countersink bit, Magnetic bit holder



metric size Type MZ
Part No.
B-49389



### Accessory set

Accessory set is the set item with the reasonable price. This is the item eliminating the window on the plastic case of Square series.



### 75pcs. Drill & Screw bit set

metric size Type MZ  
HSS-TiN drill Bit x19pcs. Masonry drill bit x5pcs. Wood drill bit x4pcs. Screw bit 25mm x20pcs.  
Screw bit 50mm x16pcs. Nutsetter x8pcs, Countersink bit, Center punch, Magnetic bit holder



metric size Type MZ
Part No.
B-49373

### 100pcs. Drill & Screw bit set

HSS-R drill Bit x6pcs. Masonry drill bit x4pcs. Wood drill bit x7pcs. Flat bit x2pcs.  
Screw bit 25mm x61pcs. Screw bit 50mm x12pcs. Nutsetter x3pcs, Countersink bit, Hole saw x2pcs, Hole saw adapter, Magnetic bit holder



metric size, Type MZ	metric size, Type MZ
Size of screw bit : mainly PZ	Size of screw bit : mainly PH
Part No.	Part No.
B-54520	B-54879

### 102pcs. Drill & Screw bit set

HSS-TiN drill Bit x13pcs. Masonry drill bit x10pcs. Wood drill bit x6pcs. Screw bit 25mm x30pcs. Screw bit 50mm x20pcs. Drywall bit 25mm x 3pcs. Nutsetter x14pcs, Countersink bit, Magnetic bit holder, Diameter gauge, Depth stop, Hex wrench



metric size Type MZ
Part No.
B-68432

### Drill bit assortment with 1/4" Hex. shank



for metal 5, 6, 8mm, for wood 5, 6mm

metric size, Type MZ	metric size, Type NZ
Part No.	Part No.
D-20769	D-31516

for masonry 6mm, for wood 5, 6mm, for metal 5, 6mm

D-23759	D-31522
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for masonry 3/16", 1/4"; for metal & wood 1/8", 3/16", 1/4"

inch size, Type MZ	Part No.
D-23765	

### 17pcs. Drill bits & Screw bit set

with Textile Case metric size packed in double blister pack 1/4" Hex. Shank, HSS-TiN metal drill bit x4pcs., wood drill bit x2pcs. Screw bit x11pcs. magnetic bit holder



metric size, Type MZ	metric size, Type NZ
Part No.	Part No.
D-31762	D-31893

### Drill bit assortment

#### 9pcs. Assortment

HSS-TiN drill bit, Carbide tipped drill bit, Wood drill bit



metric size		inch size
Part No.	Part No.	Part No.
D-16405	D-30069	D-16449

### HSS Metal drill 5pcs. drill bit assortment

for metal 5/ 6/ 8mm, for wood 6/ 8mm



metric size, Type MZ	inch size, Type MZ
Part No.	Part No.
D-30106	D-30112

### 18pcs. Metal drill box set

HSS-G metal drill bit (for metal)  
Masonry drill bit (for brick)  
Wood drill bit (for wood)



metric size	inch size
Part No.	Part No.
D-46399	D-59178

### 21pcs. Drill bit assortment set

M-force HSS metal drill bit (for metal)  
Masonry drill bit (for masonry)  
Wood drill bit (for wood)



metric size
Part No.
B-44884

**38pcs. Drill & Screw bit set**

HSS-R Drill Bit x4pcs. Screw bit 25mm x21 pcs. Screw bit 50mm x6pcs. Screw bit 100mm x3pcs. Nutsetter 2pcs. Socket adapter, Magnetic Bit Holder



metric size, Type MZ
Size of screw bit : mainly PZ
Part No.
B-54106



**71pcs. Drill & Screw bit set**

HSS-R Drill Bit x10pcs. Flat Bit x5pcs. Screw bit 25mm x45pcs. Screw bit 50mm x10pcs. Magnetic Bit Holder



metric size Type MZ	Inch size Type MZ
Part No.	(Package & counter display: MC design)
B-50295	Part No.
	B-50273



**47pcs. Ratchet & Bit set**

Screw bit 25mm, Nutsetter, Sleeve chuck bit holder, Ratchet screwdriver



metric size Type MZ	Inch size Type MZ
Part No.	(Package & counter display: MC design)
B-36186-10	Part No.
	B-50289

**48pcs. HSS-G/ Screw & Socket set**

Screw bit 25mm, Nutsetter, Sleeve chuck bit holder, HSS-G drill bit



metric size, Type MZ
Part No.
B-36201-10

# ACCESSORIES

## ▣ Cutting



Dia / Bore



Rake



Tip embedded



Clean cut



Long life



No. Teeth



Ring



Silent



Extra clean cut



PCD tip



Kerf



Rip cut



M-Force



Coated



Sharp



Thickness



Cross cut



Fast cut



Heavy duty

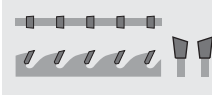
# Accessories

## Carbide-tipped saw blade

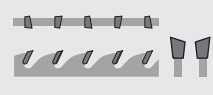
### Tooth shape



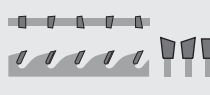
**ATB**  
 Alternate top bevel  
 For wood and aluminum.  
**ATBR:** Added flat teeth to ATB for easy straight cutting



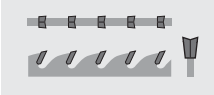
**ATAF**  
 Alternate top alternate face  
 Enables to cut wood fiber sharply.



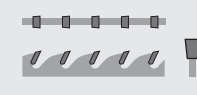
**ATAFR**  
 Added flat teeth to ATAF for easy straight cutting.  
**MATAFR:** Modified ATAFR for less cutting resistance.



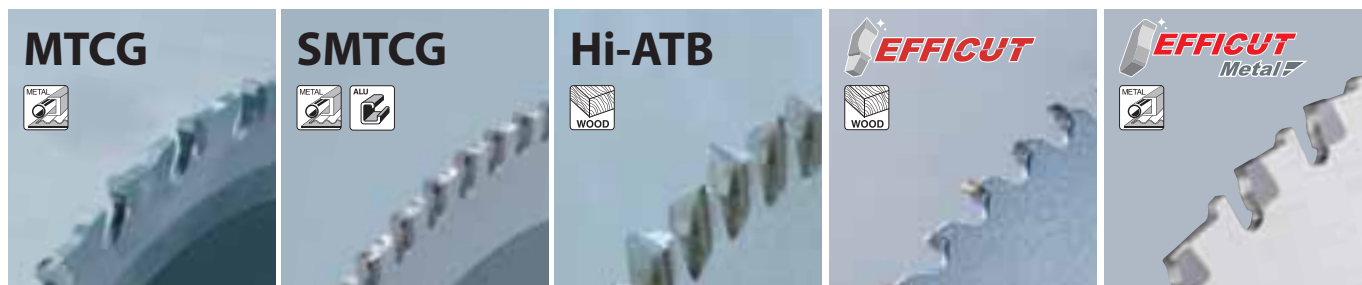
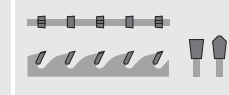
**M-FORCE**  
 Tooth front and top shapes symmetric V groove having features of ATB and FTG.



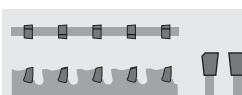
**FTG**  
 Flat teeth, allows easy straight cutting and tips are rarely chipped. For cutting wood along the grain and cutting thin metal.



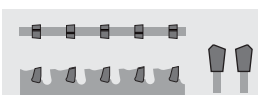
**TCG**  
 Trapezoidal and flat teeth are arranged alternatively and they divide debris by three. Allows easy straight cutting and tips are rarely chipped.



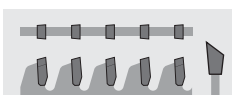
**MTCG**  
 Flat teeth with alternating bevel Less cutting resistance than flat teeth. Tips are rarely chipped



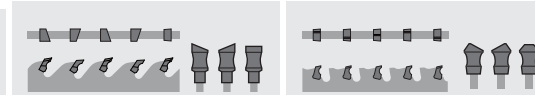
**SMTCG**  
 Contrast to MTCG, asymmetric two bevels on a tooth top producing sharp edges Allows easy bite to materials.



**Hi-ATB**  
 Alternate top bevel (ATB) with a larger top bevel angle



**EFFICUT**  
 Special tooth design increased work amount per 1 battery charge



### Technical term

<p><b>Laser Slit</b></p>	<p><b>Coated</b></p>	<p><b>Tip Embedded</b></p>	<p><b>P.C.D Tip</b></p>
<p>Vibration dampening system Resinbond filled laser cut body slots for smoother and quieter cuts.</p>	<p>PTFE (polytetrafluoroethylene) coating plate to reduce pitch build-up and to lower resistance.</p>	<p>Inserted tooth design will greatly increases the body-to-tip braze area for greater support and tip strength.</p>	<p>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.</p>





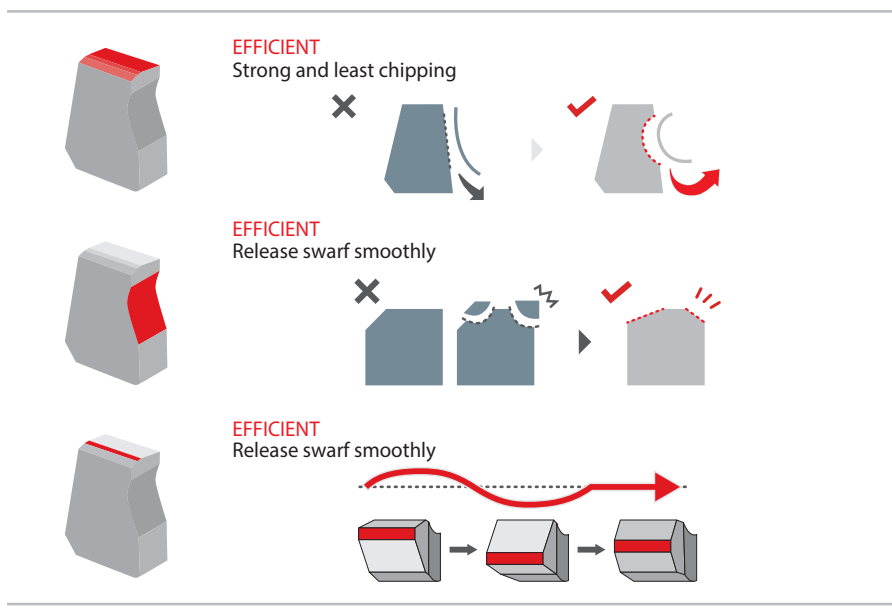


# EFFICUT Metal

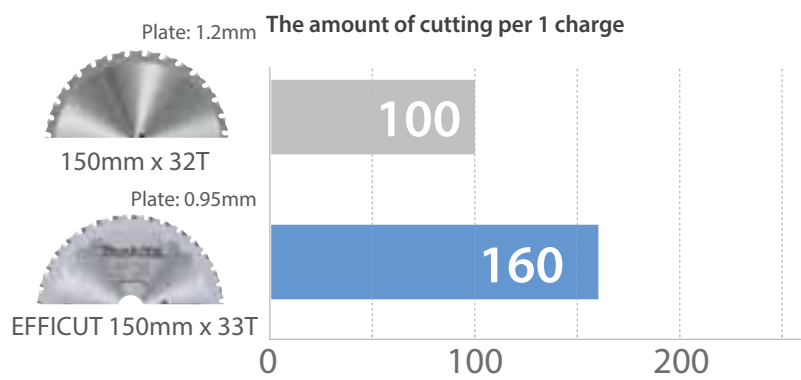


This movie was filmed in Japan.  
Models and specs may vary by country.

## Feature of EFFICUTs



Cutting



x1.6 more



Model: DC5553 ( BL1860B )  
Material: Carbon steel pipe ( Dia: 31mm / Thickness: 3mm )



Outer dia (mm)	Bore (mm)	No. of teeth	Part No.
136	20	30	B-69428
136	20	45	B-69434
150	20	33	B-69440
150	20	48	B-69456



for Wood

### Ideal for Cordless Circular Saw



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	1.4	1.0	25	23	ATAFR	Wood	Specialized for cordless saws	1	B-63018
165	20	-	1.45	1.0	56	23	ATAFR	Wood/MDF	Specialized for cordless saws	1	B-57364
185	20	-	1.45	1.0	24	23	ATAFR	Wood		1	B-62022
185	20	-	1.45	1.0	45	23	ATAFR	Wood		1	B-68616
190	20	-	1.45	1.0	24	23	ATAFR	Wood	Specialized for cordless saws	1	B-64200
190	20	-	1.45	1.0	45	23	ATAFR	Wood	Specialized for cordless saws	1	B-68644
235	25	-	2.2	1.5	24	20°	ATBR	Wood		1	E-01959

### Ideal for Cordless Plunge Saw



(Plunge Cut Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	1.45	1	56	23	ATAFR	Wood/MDF	Specialized for cordless saws	1	B-57364

### Ideal for Cordless Slide Compound Saw



(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	1.85	1.35	60	10	ATBR	Wood		1	B-69892
260	25.4	-	2.15	1.65	45	10	ATAFR	Wood		1	B-64668
260	25.4	-	2.15	1.65	60	10	ATAFR	Wood		1	B-67430
260	25.4	-	2.15	1.65	80	10	ATAFR	Wood		1	B-67446
305	25.4	-	2.15	1.65	60	10	ATAFR	Wood		1	B-67452
305	25.4	-	2.15	1.65	80	10	ATAFR	Wood		1	B-67468
305	25.4	-	2.15	1.65	100	10	ATAFR	Wood		1	B-67474

★★★★★

for Metal

Ideal for Cordless Metal Cutting Saw



Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
136	20	-	1.1	0.95	30	0	EFFICUT METAL	Metal		1	B-69428
136	20	-	1.1	0.95	45	0	EFFICUT METAL	Metal & SUS		1	B-69434
150	20	-	1.1	0.95	33	0	EFFICUT METAL	Metal		1	B-69440
150	20	-	1.1	0.95	48	0	EFFICUT METAL	Metal & SUS		1	B-69456

★★★★★

for Wood

Ideal for Cordless Circular Saw



Double cut tooth



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	1.45	1.0	44	23	MATAFR	MDF / Wood	Coated / Laser Slit	1	B-53279
190	20	-	1.45	1.0	44	23	MATAFR	MDF / Wood	Coated / Laser Slit	1	B-54508

Ideal for Cordless Plunge Saw



(Plunge Cut Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	1.6	1.1	55	20	ATAFR	Wood/MDF	Specialized for cordless saws	1	B-57059

Ideal for Cordless Slide Compound Saw Double cut tooth



(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
190	20	-	1.7	1.3	60	20	ATBR (4+1) Extra sharp tooth	MDF / Wood	Coated / Laser Slit Europe design	1	B-53291

★★★★

for Wood

Ideal for Cordless Circular Saw

Double cut tooth



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	1.45	1.0	44	23	MATAFR	Wood	-	1	B-53285
190	20	-	1.45	1.0	44	23	MATAFR	Wood	-	1	B-54514

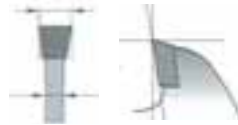
## Ideal for Cordless Slide Compound Saw



(Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	1.9	1.4	64	10	ATAF	Wood	Laser Slit	1	B-56487

## Standard wood cutting



Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
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(Cordless Saw)

85	15	-	1	0.7	20	10	ATB	Wood	-	1	B-14607
136	20	-	1.5	1.0	16	20	ATB	Wood	-	1	B-09949
165	20	-	1.5	1.0	24	20	ATAF	Wood	-	1	A-85101
165	20	-	1.6	1.0	40	18	ATAF	Wood	-	1	A-85226
165	20	-	1.6	1.0	52	20	ATAF	Wood	-	1	A-85189



(Cordless Slide Compound Saw)

190	20	-	1.9	1.4	40	10	ATB	Wood	-	1	A-86147
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(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
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	18	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

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
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	25	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

## Economy (Circular Saw)

165	20	-	1.6	1	40	18	ATAF	Wood	-	1	B-17027
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	20	-	1.6	1	40	18	ATAF	Wood	-	1	B-17083
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	25.4	25	2.4	1.6	40	25	ATB	Wood	-	1	B-17192
235	25.4	25	2.4	1.6	48	20	ATAF	Wood	-	1	B-17201
235	25.4	25	2.4	1.6	60	20	ATAF	Wood	-	1	B-17217
235	25.4	25	2.4	1.6	80	15	ATAF	Wood	-	1	B-17223



## (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	-	2.5	1.9	70	0	ATAF	Wood	-	1	B-57560
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



Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
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

## Economy (Slide Compound Saw / Miter Saw)



(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	25	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	25	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	25	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

## Economy (Table Saw)

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

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
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



### for quiet cutting

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
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(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



### for plunge cutting

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
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(Plunge Cut Circular Saw)

165	20	-	2.0	1.4	28	15	ATB	Wood	-	1	B-56649
165	20	-	2.2	1.6	28	15	ATB	Wood	-	1	B-07434
165	20	-	1.85	1.25	48	8	ATB	Wood	-	1	B-56166
165	20	-	2.2	1.6	48	8	ATB	Wood	-	1	B-07353
165	20	-	2.0	1.4	60	5	Hi-ATB	MDF	-	1	B-56661
165	20	-	2.0	1.4	60	5	TCG	MDF	-	1	B-56677
165	20	-	2.0	1.4	48	5	TCG	CORIAN®	-	1	B-56683
165	20	-	2.4	1.7	48	5	TCG	CORIAN®	-	1	B-10344
165	20	-	2.0	1.4	56	-3	TCG	Aluminum	-	1	B-56655
165	20	-	2.4	1.7	56	-3	TCG	Aluminum	-	1	B-07440



### for Fiber-cement board cutting

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
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(Circular Saw)

185	20	-	2	1.5	28	10	ATAF	Fiber Cement Board	for 5057KB	1	A-86088
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### for sandwich panel cutting

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	1.75	1.4	42	0	SMTCCG	sandwich panel	-	1	B-63161



### for aluminum

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
											
(Cordless Saw)											
136	20	-	1.6	1	50	0	ATB	Aluminum	-	1	B-40331
150	20	-	1.6	1	52	0	ATB	Aluminum	-	1	B-47020



(Cordless Slide Compound Saw / Miter Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	-	1.8	1.2	60	5	TCG	Aluminum	Laser Slit	1	B-56530




(Slide Compound Saw / Miter Saw)

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



### for metal

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of 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-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
150	20	-	1.5	1.2	32	0	MTCG	Mild steel	-	1	B-46296
150	20	-	1.4	1.1	52	-15	ATB	Thin sheet metal	-	1	B-47008
150	20	-	1.1	0.95	32	10	TCG	Thick metal	Laser Slit	1	B-68292
150	20	-	1.1	0.95	60	0	SMTCG	Stainless/Mild steel	Laser Slit	1	B-47014



(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



for Wood



Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
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Economy (Circular Saw)

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	1.3	24	20	ATB	Wood	-	1	*D-03333
165	20	-	2	1.3	40	18	ATB	Wood	-	1	*D-03349
185	30	20/15.88	2	1.3	16	20	ATB	Wood	-	1	*D-03903
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	20	-	2	1.3	40	18	ATB	Wood	-	1	*D-03361
185	30	20/15.88	2	1.3	40	18	ATB	Wood	-	1	*D-03919
195	25.4	16/20	2	1.3	80	10	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	-	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	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	30	25	2.4	1.6	60	15	ATB	Wood	-	1	*D-09640



Economy (Slide Compound Saw / Miter Saw)

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



(Circular Saw)

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)

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
255	25.4	-	2.6	1.8	84	-5	TCG	MDF	-	1	D-62452
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
305	25.4	-	3.2	2.2	96	-5	TCG	MDF	-	1	D-62468



### for Aluminium

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of 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



Economy (Slide Compound Saw / Miter Saw)



### for Wood



Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of 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	25.4	20	2.2	1.4	16	18	ATB	Wood	-	1	D-50516
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	25.4	20	2.2	1.4	40	14	ATB	Wood	-	1	D-50538
235	25.4	25	2.5	1.6	20	14	ATB	Wood	-	1	D-50544
235	25.4	25	2.5	1.6	40	12	ATB	Wood	-	1	D-50550
235	25.4	25	2.5	1.6	40	12	ATB	Wood	-	1	D-50566



Economy (Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
260	25.4	-	2.6	1.8	40	12	ATB	Wood	-	1	D-65414
260	25.4	-	2.6	1.8	60	12	ATB	Wood	-	1	D-65420
260	25.4	-	2.6	1.8	80	12	ATB	Wood	-	1	D-65436
260	25.4	-	2.6	1.8	100	12	ATB	Wood	-	1	D-65442



Economy (Slide Compound Saw / Miter Saw)



### for MDF

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
165	20	15.88	2.2	1.4	52	-5	TCG	MDF	-	1	D-62474
185	20	20/15.88	2.2	1.4	60	-5	TCG	MDF	-	1	D-61466



(Circular Saw)



Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
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(Slide Compound Saw / Miter Saw)

255	30	25.4	3	2	100	12	ATB	Wood/MDF	-	1	D-57130
255	25.4	-	2.8	1.8	84	10	TCG	MDF	-	1	D-62480
305	25.4	-	3	2	96	10	TCG	MDF	-	1	D-62496



for Multi-purpose (wood,MDF,aluminum,PVC)



(Circular Saw)

Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
160	30	15.88/16/19/20	2.2	1.4	60	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63600
165	30	15.88/16/19/20	2.2	1.4	60	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63616
185	30	15.88/16/20	2.2	1.4	60	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63622
190	30	15.88/16/20	2.2	1.4	60	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63638
210	30	16/20/25/25.4	2.4	1.6	60	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63644
216	30	16/20/25/25.4	2.4	1.6	60	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63650
216	30	16/20/25/25.4	2.4	1.6	80	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63878
235	30	16/20/25/25.4	2.4	1.6	60	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63557



(Slide Compound Saw / Miter Saw)

260	30	16/20/25/25.4	2.6	1.8	80	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63563
260	30	16/20/25/25.4	2.6	1.8	100	5	TCG	wood,MDF,aluminum,PVC	-	1	D-62234
260	30	16/20/25/25.4	2.6	1.8	120	5	TCG	wood,MDF,aluminum,PVC	-	1	D-62240
305	30	16/20/25/25.4	2.8	2.0	80	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63579
305	30	16/20/25/25.4	2.8	2.0	100	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63585
305	30	16/20/25/25.4	2.8	2.0	120	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63591
355	30	16/20/25/25.4	3.0	2.2	100	5	TCG	wood,MDF,aluminum,PVC	-	1	D-63884

Specialized for CA5000



Outer dia (mm)	Bore (mm)	Ring (mm)	Kerf (mm)	Plate (mm)	No. of teeth	Rake	Tooth shape	Material	Note	Per pkg	Part No.
118	20	-	14	6	6	5	90°	Aluminium composite	-	1	B-48832
118	20	-	18	6	6	5	135°	Aluminium composite	-	1	B-48860

# 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



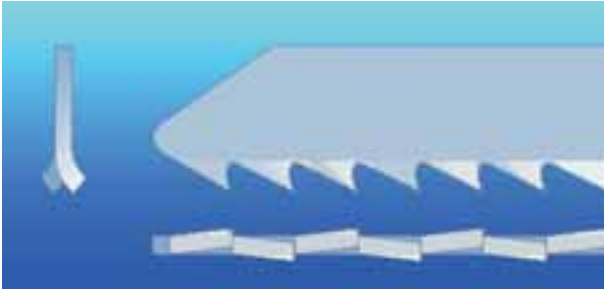
Use coolant, cool

# 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

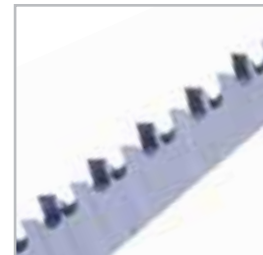
#### Milled teeth

- Low cost type of manufacturing
- For general cutting
- Soft to hard materials
- Long blade life




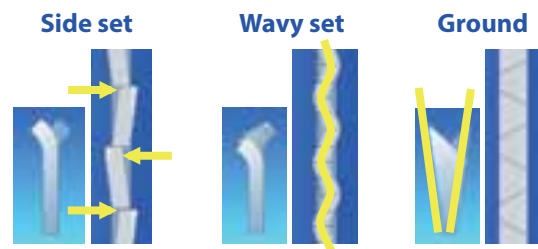
#### Ground teeth

- Costly type of manufacturing
- Very sharp!
- Accurate, clean cut
- Soft to medium hard materials



### Production method

- **Side set:** each individual tooth is alternately bent 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.

## Makita type Jig Saw blade

For Model:  
4300BA/BV, 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.	Part No.
<b>Wood/ Basic</b>													
	3	3-50	3-50	-	-	-	For general cutting	60	9	HCS		2	A-86533
												5	A-85868
	16	3-50	3-50	-	-	-	For scroll cutting	60	9	HCS		2	792212-6
												5	A-85830
<b>Wood/ Fast</b>													
	8	4-50	4-50	-	-	-	For fast cutting	60	8	HCS		2	792267-1
												5	A-85911
<b>Wood/ Finish</b>													
	9	4-50	4-50	-	-	-	For fast finish work	60	8	HCS		2	792325-3
												5	A-85927
	10	4-50	4-50	-	-	-	For fast finish work, especially suitable for plywood	60	9	HCS		2	792326-1
												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
<b>Hardwood / Decorative veneers</b>													
	2	3-50	3-50	2-6	-	2-6	For decorative veneers.	60	14	HSS		2	A-86527
												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
												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
												5	A-85846
<b>Finish for decorative veneers</b>													
	41	3-50	3-50	-	-	-	Reverse tooth for splinter-free cuts. for tough plastic and decorative veneers	60	12	HCS		5	A-85880
	42	2-50	2-50	-	-	-	For decorative veneer	60	16	HSS		5	A-85896
<b>Metal/ Basic</b>													
	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
												5	A-85802
	5	-	1.5-6	1-6	-	1-3	For mild steel	42	24	HSS		2	792131-6
												5	A-85905

## Bayonet type Jig Saw blade


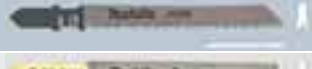


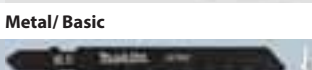

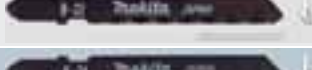

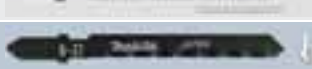

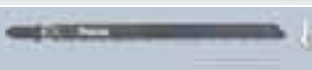
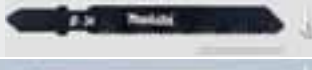



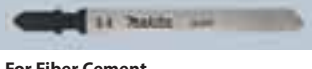
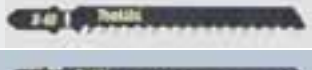
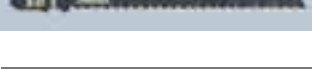
For Model:

DJV181, DJV182, DJV180, JV183D, JV143D, JV0600, JV100D, J V101D, JV102D, J V103D, JV141D, J V142D  
DJR185, JR102D, JR105D, 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.	Part No.
<b>Super Express Jig saw Blade</b>													
	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
<b>Wood/ Basic</b>													
	B-13	4-65	4-65	-	-	-	For general cutting	70	8	HCS	↑	2 5	B-01286 A-85656
	B-15	3-35	3-35	-	-	-	Ideal for cutting thin materials	50	12	HCS	↑	5	A-85678
	B-14	2-35	2-35	-	-	-	Ideal for cutting thin materials	50	18	HCS	↑	5	A-85662
	B-18	2-35	2-35	-	-	-	For scroll cutting	45	14	HCS	↻	5	A-85709
<b>Wood/ Fast</b>													
	58	4-65	4-65	-	-	-	For fast cutting	75	8	HCS	↑	5	A-86577
	B-16	5-65	5-65	-	-	-	For fast and rough cutting	75	6	HCS	↑	2 5	B-01292 A-85684
	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
	B-17	5-60	5-60	-	-	-	For fast and scroll cutting	70	6	HCS	↻	2 5	B-01301 A-85690
	B-8	4-65	4-65	-	-	-	Hook angle: 2 degrees	75	8	HCS	↑	5	A-85232
<b>Wood/ Finish</b>													
	59	4-65	4-65	-	-	-	For fast finish work	75	8	HCS	↑	5	A-86583
	B-10	3-65	3-65	-	-	-	For fast finish work, especially suitable for plywood	75	9	HCS	↑	5	A-85628
	B-11	3-60	3-60	-	-	-	For fast finish work in wood and plastics	75	9	HCS	↑	2 5	B-01270 A-85634
	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
	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
<b>Hardwood / Decorative veneers</b>													
	B-25	3-60	3-60	3-6	-	3-6	For hardwood, thick mild steel plate and hard plastics.	75	9	HSS	↑	2 5	B-01345 A-85765
	B-26	3-60	3-60	3-10	-	3-10	For scroll cutting in hardwoods and for hard plastics.	70	9	HSS	↑	2 5	B-01351 A-85771








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.	Part No.
<b>Finish for decorative veneers</b>													
	B-19	3-50	3-50	-	-	-	Reverse tooth for splinter-free cuts. For tough plastics and decorative veneers	65	12	HCS	↑	5	A-85715
	B-28	2-50	2-50	-	-	-	For decorative veneers	63	16	HSS	↑	5	A-80391
	B-53	1.5-15	1.5-15	-	-	-	Laminates, Hard wood and Laminated panels	60	15	Bi-Metal	↑	5	B-10970
	B-54	1.5-15	1.5-15	-	-	-	Laminates, Hard wood and Laminated panels	60	18	Bi-Metal	↙	5	B-10986
	B-55	1.5-30	1.5-30	-	-	-	Laminates, Hard wood and Laminated panels	75	15	Bi-Metal	↑	5	B-31887
<b>Metal/ Basic</b>													
	51	-	1.5-6	1.5-6	1-3	1-3	For mild steel	65	24	HSS	↑	5	A-86561
	B-22	-	1-6	1-3	1-3	1-3	For mild steel, tough plastics. Especially for thin metal plate	50	24	HSS	↑	2 5	B-01323 A-85737
	B-24	-	1-3	1-2	0.5-2	0.5-2	For very thin metal plate	50	32	HSS	↑	5	A-85759
	B-23	3-35	3-35	2-6	-	2-6	For decorative veneers, medium-thick metal plate	50	14	HSS	↑	2 5	B-01339 A-85743
	B-27	-	1-6	1-3	1-3	1-3	For scroll cutting in mild steel	50	24	HSS	↙	2 5	B-01367 A-85787
	B-32	-	-Ø65	-Ø65	-	1.5-3	For thin metal plate, pipes and profiles. Also Aluminum and plastics.	107	18	HSS	↑	5	B-10431
	B-33	-	-Ø65	-Ø65	-	2-3	For midium-thick metal plate, pipes and profiles. Also Aluminum	107	14	HSS	↑	5	B-10447
	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	*	-Ø114	2-6	-	-	For sandwich materials * Wood with nails -Ø120	154	14	Bi-Metal	↑	5	B-10469
<b>For Plastics</b>													
	B-21	-	3-60	1-10	-	-	For plastics finish work	75	12	HSS	↑	2 5	B-01317 A-85721
<b>For Rubber</b>													
	B-K	-	-	-	-	-	Ideal for cutting of paper, cork, rubber, leather	75	-	HCS	-	5	A-80416
<b>For Fiber Cement</b>													
	B-60	-	-	-	-	-	Fiber Cement/Plaster Board 5-50, FRP/Plastic 5-20	75	6	TC/HM	-	3	B-06890
	B-61	-	-	-	-	-	Fiber Cement/Plaster Board 5-80, FRP/Plastic 5-50	105	6	TC/HM	-	3	B-06909


## Economy type Jig Saw blade

For Model:


DJV181, DJV182, DJV180, JV183D, JV0600, JV100D, J V101D, JV102D, JV103D, JV141D, JV142D  
DJR185, JR102D, JR105D, 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.	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.
 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



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

### 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>



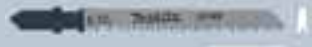


Length Wide Height

47mm x 170mm x 27.5mm







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.	Part No.
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#### Jig Saw blade set A 5 items (total 10pcs / set)





	B-13	4-65	4-65	-	-	-	For general cutting	70	8	HCS	↑	2	B-44410
	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-22	-	1-6	1-3	1-3	1-3	For mild steel, tough plastics. Especially 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)

	B-50	5-50	5-50	-	-	-	For fast finish work in wood and plastic	77	8.5-10.6	HCS	↑	4	B-44426
	B-51	-	-	-	1-3	1-8	Fast cut for mild steel, stainless steel	77	9.8-18.1	HSS	↑	2	
	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	



#### Jig Saw blade set B 4 items (total 5pcs / set)

	B-50	5-50	5-50	-	-	-	For fast finish work in wood and plastic	77	8.5-0.6	HCS	↑	2	B-48527
	B-51	-	-	-	1-3	1-8	Fast cut for mild steel, stainless steel	77	9.8-8.1	HSS	↑	1	
	B-52	5-50	5-50	3-35	3-5	3-8	Fast cut for universal materials	77	5.5-9.8	HSS	↑	1	
	B-53	1.5-15	1.5-15	-	-	-	Laminates, Hard wood and laminated panels	60	15	Bi-Metal	↑	1	

## 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

## 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, Aluminum, 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.	Part No.
<b>Wood/ Fast</b>													
	B-8	4-65	4-65	-	-	-	Ideal for fast cutting of wood and plastics. Hook angle: 2degrees	75	8	HCS		5	A-85232
<b>Wood/ Finish</b>													
	B-10	3-65	3-65	-	-	-	For fast finish work, especially in plywood.	75	9	HCS		5	A-85628
<b>Finish for decorative veneers</b>													
	B-19	3-50	3-50	-	-	-	Reverse tooth for splinter-free cuts. For tough plastics and decorative veneers	65	12	HCS		5	A-85715
	B-19S	3-25	3-25	-	-	-	Short type of B-19	43	12	HCS		5	B-04933
<b>Metal/ Basic</b>													
	B-22	-	1-6	1-3	1-3	1-3	For mild steel, tough plastics. Especially for thin metal plate	50	24	HSS		2	B-01323
	B-22S	-	1-6	1-3	1-3	1-3	Short type of B-22	32	24	HSS		5	B-04949
<b>Metal/ Thin cutting</b>													
	B-24	-	1-3	1-2	0.5-2	0.5-2	For very thin metal plate	50	32	HSS		5	A-85759
	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
<b>For Paper, Cork, Rubber, Leather</b>													
	B-K	50	30	10	5	-	Ideal for cutting of paper, cork, rubber and leather.	75	-	HCS		5	A-80416


## Recipro saw blade

Type	Teeth per inch	Overall length (mm)	Blade thickness (mm)	Application	Tooth Material	Per pkg.	Part No.
<b>Super Express Recipro saw Blade</b>							
	7-18	152	0.9	Fast cut for metal (Iron/steel 1.5-8.0mm, Plastic 5-77mm)	Bi-Metal	2 5 25	B-05038-2 B-05038 B-05038-25
	6-11	152	0.9	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 5 25	B-05044-2 B-05044 B-05044-25
	6-10	203	1.0	Fast cut for wood	HCS	2 5 25	B-05153-2 B-05153 B-05153-25
<b>For Metal / Basic</b>							
No.21 	24	125	1.0	For steel plate 1.5mm-3.0 mm. For iron pipe 50 mm dia. or less.	HSS	5	792146-3
No.22 	18	165	1.0	For steel plate, aluminum 3.0mm-5.0mm. For iron pipe 90 mm dia. or less.	HSS	5	792147-1
No.24 	24	165	1.0	For steel plate 1.5mm-3.0 mm. For iron pipe 90 mm dia. or less.	HSS	5	792149-7
	14	100	0.9	For thick metal 3-8mm	Bi-Metal	5	B-20410
	14	152	0.9	metal plate 3-8mm pipe 10-100mm	Bi-Metal	2 5 25	B-16841-2 B-16841 B-16841-25
	14	225	0.9	metal plate 3-8mm pipe 10-175mm	Bi-Metal	2 5 25	B-16776-2 B-16776 B-16776-25
	18	100	0.9	For thin metal 1.5-4.0mm.	Bi-Metal	5	B-20404
	18	152	0.9	For thin metal 1.5-4.0mm. For iron pipe 100mm dia or less.	Bi-Metal	2 5 25	B-05169-2 B-05169 B-05169-25
	18	225	0.9	metal plate 1.5-4mm pipe 5-175mm	Bi-Metal	2 5 25	B-16782-2 B-16782 B-16782-25
	24	100	0.9	For thin metal 0.7-3.0mm.	Bi-Metal	5	B-20395
	24	152	0.9	metal plate 0.7-3mm pipe 5-100mm	Bi-Metal	2 5	B-16835-2 B-16835
	24	225	0.9	metal plate 0.7-3mm pipe 5-175mm	Bi-Metal	2 5	B-43169-2 B-43169
	10-14	305	0.9	metal tubing 5-200mm, Aluminum & plastic 5-20mm	Bi-Metal	2 5	B-16857-2 B-16857
<b>For Metal / Heavy</b>							
	14+18	152	1.1	metal plate 3-8mm, pipe <100mm	Bi-Metal	5	B-43131
	14+18	225	1.1	metal plate 3-8mm, pipe <175mm	Bi-Metal	5	B-43175
	14+18	305	1.1	metal plate 3-8mm, pipe <250mm	Bi-Metal	5	B-43206
	8+10	152	1.1	thick sheet metal 4-12mm, pipe <100mm (fast cut)	Bi-Metal	5	B-43147
	8+10	225	1.1	thick sheet metal 4-12mm, pipe <175mm (fast cut)	Bi-Metal	2 5	B-43181-2 B-43181
	8+10	305	1.1	thick sheet metal 4-12mm, pipe <250mm (fast cut)	Bi-Metal	2 5	B-43212-2 B-43212
	10-14	152	1.25	thick sheet metal 2-10mm, pipe <100mm (fine cut)	Bi-Metal	5	B-43153
	10-14	225	1.25	thick sheet metal 2-10mm, pipe <175mm (fine cut)	Bi-Metal	2 5	B-43197-2 B-43197
	10-14	305	1.25	thick sheet metal 2-10mm, pipe <250mm (fine cut)	Bi-Metal	5	B-43228








Type	Teeth per inch	Overall length (mm)	Blade thickness (mm)	Application	Tooth Material	Per pkg.	Part No.
<b>For Metal / Heavy / Curve shape</b>							
	14+18	152	1.1	metal plate 3-8mm, pipe <100mm	Bi-Metal	5	B-55815
	14+18	225	1.1	metal plate 3-8mm, pipe <175mm	Bi-Metal	5	B-55821
	14+18	305	1.1	metal plate 3-8mm, pipe <225mm	Bi-Metal	5	B-55837
<b>For Metal / Heavy / TC</b>							
	8	100	1.25	thick sheet metal 4-12mm, pipe <50mm	TC/HM	1	B-55566
	8	152	1.25	thick sheet metal 4-12mm, pipe <100mm	TC/HM	1	B-55572
	8	228	1.25	thick sheet metal 4-12mm, pipe <175mm	TC/HM	10	B-55572-10
	8	305	1.25	thick sheet metal 4-12mm, pipe <250mm	TC/HM	1	B-55588
					TC/HM	10	B-55588-10
					TC/HM	1	B-55594
					TC/HM	10	B-55594-10
<b>For Wood / Basic</b>							
	3	152	1.25	soft wood, chipboard, wood core plywood <100mm	HCS	5	B-16813
	5	305	1.5	pruning green wood <250mm	HCS	5	B-16863
	6	152	1.25	soft wood, chipboard, wood core plywood <100mm	HCS	5	B-16798
	6	305	1.25	soft wood, chipboard, wood core plywood <250mm	HCS	2	B-16829-2
					HCS	5	B-16829
	9	165	1.0	For wood 5mm-90 mm.	HCS	5	792148-9
	10	150	1.0	For wood, plywood 5mm-90mm	HCS	5	A-02319
	10	152	0.8	soft wood, chipboard, wood core plywood <100mm	HCS	5	B-16807
	10	250	1.25	For thick wood 5mm-190mm	HCS	5	B-00767
<b>For Wood / Fast</b>							
	6	150	1.0	For fast finish work in wood 10mm-90mm	HCS	5	792707-9
	4	150	1.0	For fast and rough cutting in thick wood. 20mm-90mm	HCS	5	A-02303
	6	300	1.25	For roughing work on thick wood. 10mm-250mm	HCS	5	B-03030
<b>for Wood / Clean cut</b>							
	8.5	225	0.9	For planting green wood < φ140mm, wood < 140mm	Bi-Metal	1	B-57386
	15	225	0.9	For bamboo < φ140mm, wood < 140mm, PVC < φ140mm	Bi-Metal	1	B-57392
	8.5	250	1.0	For planting green wood < φ160mm, wood < 160mm	HCS	1	B-62016
<b>for Wood and Metal</b>							
<b>*White Lacquered, **Unlacquered</b>							
	6	100	0.9	For wood with nails 10.0mm-50.0mm,	Bi-Metal	5	B-20432
	6	152	1.25	For wood with nails 10mm-100mm, Glass Fiber 8-50mm	Bi-Metal	5	B-05175
	10	100	0.9	For sheet metal 3.0-12.0mm, wood 10.0-50.0mm	Bi-Metal	5	B-20426
	10	152	0.9	For pallets, wood with nails 5-100mm sheet metal, pipes, aluminum profiles 3-12mm	Bi-Metal	5	B-31843
					Bi-Metal	200	*B-54259
					Bi-Metal	200	**B-54265
	10	228	0.9	For pallets, wood with nails 5-175mm sheet metal, pipes, aluminum profiles 3-12mm	Bi-Metal	5	B-31859
					Bi-Metal	200	B-54271
					Bi-Metal	200	**B-54287
	5-8	305	1.25	Wood with nails/metal, chipboards (10-250mm), aerated concrete (10-250mm), plastics/Glass fibre reinforced plastics, profiles (5-60mm)	Bi-Metal	3	B-10637
	10-14	152	0.9	wood with metal 5-100mm, aluminum 3-10mm, plastic 3-100mm	Bi-Metal	5	B-43240
	10-14	225	0.9	wood with metal 5-175mm, aluminum 3-10mm, plastic 3-175mm	Bi-Metal	5	B-43262



Type	Teeth per inch	Overall length (mm)	Blade thickness (mm)	Application	Tooth Material	Per pkg.	Part No.
	14-18	100	0.9	For thick metal 3.0-8.0mm, wood 10.0-50.0mm	Bi-Metal	5	B-20454
<b>For Wood and Metal / Heavy</b>							
	5-8	152	1.6	wood with metal, chipboard 10-100mm	Bi-Metal	5	B-43234
	5-8	225	1.6	wood with metal, chipboard 10-175mm	Bi-Metal	2	B-43256-2
						5	B-43256
	5-8	305	1.6	wood with metal, chipboard 10-235mm	Bi-Metal	2	B-43278-2
						5	B-43278
	6-8	152	1.25	Wood with nails/metal, chipboards (5-100mm), plastics/Glass fibre reinforced plastics (<100mm)	TC/HM	1	B-49834
						10	B-49834-10
	6-8	228	1.25	Wood with nails/metal, chipboards (5-175mm), plastics/Glass fibre reinforced plastics (<175mm)	TC/HM	1	B-49840
						10	B-49840-10
	6-8	305	1.25	Wood with nails/metal, chipboards (5-250mm), plastics/Glass fibre reinforced plastics (<250mm)	TC/HM	1	B-49840
						10	B-49856-10
<b>For Special Purpose</b>							
	-	225	1.5	Insulation Material, Glass Wool, Stone Wool (10-175mm)	HCS	2	B-52118
	-	300	1.5	Insulation Material, Glass Wool, Stone Wool (10-250mm)	HCS	2	B-52124
	-	400	1.5	Insulation Material, Glass Wool, Stone Wool (10-300mm)	HCS	1	B-52130
	18	152	1.0	For stainless steel plate 2mm-4mm, stainless steel pipe 80mm dia or less, fiber glass	TC/HM	2	B-07250
	18	203	1.0	For stainless steel plate 2mm-4mm, stainless steel pipe 150mm dia or less, fiber glass	TC/HM	2	B-51312
	2	240	1.5	Aerated Concrete / Soft Brick < 150mm	TC/HM	1	B-12809
	2	305	1.5	Aerated Concrete / Soft Brick < 215mm	TC/HM	1	B-10394
	2	455	1.5	Aerated Concrete / Soft Brick < 365mm	TC/HM	1	B-10403
	3	305	1.5	Aerated Concrete / Soft Brick 10-250mm epoxy 6-150mm	TC/HM	2	B-63585
	2	400	1.5	Aerated Concrete / Soft Brick 20-350mm epoxy 6-150mm	TC/HM	2	B-63591
	-	228	1.0	Cast-steel pipe 150mm dia or less, for red brick 10-175mm, FRP/Epoxy 3-175mm	Diamond Grit	2	B-31871
<b>For Ice/Frozen Material</b>							
	3	305	1.25	For Ice 10-250 mm	Stainless Steel	1	B-10609
	6	152	1.2	For Ice 10-80 mm	Stainless Steel	1	B-52043
	6	228	1.2	For Ice 10-175 mm	Stainless Steel	1	B-30564
	6	305	1.2	For Ice 10-250 mm	Stainless Steel	1	B-23248
	10	228	1.2	For Ice 10-175 mm	Stainless Steel	1	B-30570
	10	305	1.2	For Ice 10-250 mm	Stainless Steel	1	B-23254
<b>For Plasterboards</b>							
	6	100	0.9	For plasterboard 5.0-50.0mm	Bi-Metal	5	B-20448
<b>For Rescue</b>							
	6-8	152	1.25	Wood with nails/metal, chipboards (5-100mm), plastics/Glass fibre reinforced plastics (<100mm)	TC/HM	1	B-67206
	6-8	228	1.25	Wood with nails/metal, chipboards (5-175mm), plastics/Glass fibre reinforced plastics (<175mm)	TC/HM	1	B-67212
For Model: DJR185, DJR183, DJR145, JR100D, JR103D, JR105D for Wood / Clean cut							
	8.5	190	0.6	For planting green wood < φ100mm, wood < 100mm	HCS	1	B-56580




	15	190	0.6	For bamboo <math>\phi</math>100mm, wood <math>< 100\text{mm}</math>, PVC <math>< \phi 100\text{mm}</math>	HCS	1	B-56596
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### Economy type Recipro saw blade

Type	Teeth per inch	Overall length (mm)	Blade thickness (mm)	Application	Tooth Material	Per pkg.	Part No.
<b>For Metal</b>							
	14	152	0.9	metal plate 3-8mm pipe 10-100mm	Bi-Metal	2	D-51627
						25	D-51627-25
	14	225	0.9	metal plate 3-8mm pipe 10-175mm	Bi-Metal	2	D-51655
						25	D-51655-25
	18	152	0.9	metal plate 1.5-4mm pipe 5-100mm	Bi-Metal	2	D-51633
						25	D-51633-25
	18	225	0.9	metal plate 1.5-4mm pipe 5-175mm	Bi-Metal	2	D-51661
						25	D-51661-25
	24	152	0.9	metal plate 0.7-3mm pipe 5-100mm	Bi-Metal	2	D-51649
						25	D-51649-25
	24	225	0.9	metal plate 0.7-3mm pipe 5-175mm	Bi-Metal	2	D-51677
						25	D-51677-25
<b>For Wood</b>							
	6	152	1.2	For wood <math>< 100\text{mm}</math>.	HCS	2	D-53089







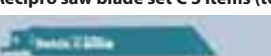
### Recipro saw blade assortment

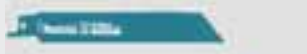



Type	No.	Teeth per inch	Overall length (mm)	Blade thickness (mm)	Application	Tooth Material	Per pkg.	Part No.
	B-05038	7-18	152	0.9	Fast cut for metal (Iron/steel 1.5-8.0mm, Plastic 5-77mm)	Bi-Metal	1	B-13677
	B-05044	6-11	152	0.9	Fast cut for non-ferrous metal, aluminum, plastics, wood with nail, steel (Iron/steel 5-8mm, Plastic 5-77mm, Wood 5-77mm)	Bi-Metal	1	
	B-05153	6-10	203	1.0	Fast cut for wood	HCS	1	

### Recipro saw blade plastic case assortment



Type	No.	Teeth per inch	Overall length (mm)	Blade thickness (mm)	Application	Tooth Material	Per pkg.	Part No.
<b>Recipro saw blade set A 3 items (total 6pcs / set)</b>								
	B-05153	6-10	203	1.0	Fast cut for wood	HCS	2	B-44432
	B-16798	6	152	1.25	For Softwood, chipboard, wood core plywood	HCS	2	
	B-05175	6	152	1.25	For wood with nails 10mm-100mm	Bi-Metal	2	
<b>Recipro saw blade set B 3 items (total 6pcs / set)</b>								
	B-05044	6-11	152	0.9	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	0.9	metal plate 3-8mm pipe 10-175mm	Bi-Metal	2	
	B-16782	18	228	0.9	metal plate 1.5-4mm pipe 5-175mm	Bi-Metal	2	
<b>Recipro saw blade set C 3 items (total 6pcs / set)</b>								
	D-51627	14	152	0.9	metal plate 3-8mm pipe 10-100mm	Bi-Metal	2	D-53051

Type	No.	Teeth per inch	Overall length (mm)	Blade thickness (mm)	Application	Tooth Material	Per pkg.	Part No.
	D-51633	18	152	0.9	metal plate 1.5-4mm pipe 5-100mm	Bi-Metal	2	
	D-53089	6	152	1.2	For wood <100mm.	HCS	2	

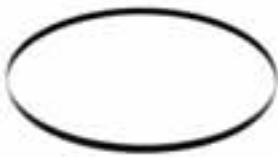
**Board Cutter Blade**



For Model:  
DSD140, DSD180, SD100D

Blade length (mm)	Blade width (mm)	Blade thickness (mm)	Application	Tooth Material	Per pkg.	Part No.
55	18	0.55	Plasterboard (<30mm)	HCS	2	B-49703
					10	B-49703-10
					25	B-49703-25
55	18	0.55	Wood (<30mm)	HCS	2	B-49719
					10	B-49719-10
					25	B-49719-25

**Band saw blade**



**Teeth shape (Image)**





Wave teeth










Raker teeth



Thickness : 0.5 mm, Length : 2,240 mm

Model No.	Type	Width (mm)	No. of teeth per inch	Teeth shape	Application	Part No.
LB1200F	Carbon steel (3pcs./set)	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

Width : 13 mm, Thickness : 0.5 mm, Length : 1,140 mm

Model No.	Type	Width (mm)	No. of teeth per inch	Teeth shape	Application	Part No.
DPB180, 2107F, 2107FW	Carbon steel (3pcs./set)	More than 5 mm	6		Wood	792567-9
		4 mm- 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
		4 mm- 5 mm	18			194691-8
		Less than 4 mm	24			792556-4
					194692-6	

Width : 13 mm, Thickness : 0.5 mm, Length : 835 mm

Model No.	Type	Width (mm)	No. of teeth per inch	Teeth shape	Application	Part No.
DPB181 DPB182	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 Grainder



### Wire Type



**Crimped**  
Ideal for light rust removal



**Knotted**  
Ideal for heavy work



**Knotted2**  
Ideal for especially heavy work



Fine



Coarse



### Shape Type



**Cup type**  
Effective for flat or rugged surface

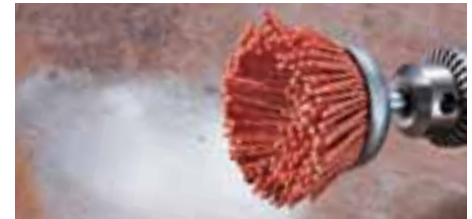


**Wheel type**  
Effective for working at spot



**Bevel type**  
Effective for working at corner

## Brushes for drill



### Brush Type



**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.

**AA** : Recommended

**A** : Acceptable

Wood			AA	AA
PVC			AA	AA
Metal		AA	AA	AA
Finishing (Metal surface)				 brushed by Nylon fine (#240) after brushing by Nylon Coarse (#80)

### Shape Type



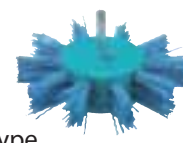
**Cup type**  
Effective for flat or rugged surface



**Wheel type**  
Effective for working at spot



**End type**  
Effective for tight or narrow place



**Flap type**  
Effective for treatment for wood



## Nylon brush for Drill

Nylon cup brush



Size	Grit	Shank dia.	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.	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.	Part No.
12mm (1/2")	coarse(#80)	6mm (1/4")	D-45668
17mm (3/4")	coarse(#80)	6mm (1/4")	D-45674
24mm (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
17mm (3/4")	Fine(#240)	6mm (1/4")	D-45711
24mm (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.	Part No.
100mm(4")	coarse(#80)	6mm (1/4")	D-45749
100mm(4")	Fine(#240)	6mm (1/4")	D-45755

## Wire brush for Drill

Wire cup brush, Crimped wire



Size	Shank dia.	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.	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.	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 set for Drill



Brush type	Size	Shank dia.	Part No.
Wire cup-Crimped	63mm(2-1/2")	6mm (1/4")	D-65729
Wire cup-Crimped	75mm(3")		
Wire wheel-Crimped	75mm(3")		
Wire wheel-Crimped	100mm(4")		
Wire End-Crimped	25mm(1")	6mm (1/4")	D-66070
Wire Wheel-Crimped	50mm(2")		
Wire Cup-Crimped	50mm(2")		

## Wire brush

For Model:

A: 100mm Disc / Angle Grinder

B: 125, 150mm Angle Grinder

C: 180, 230mm Angle Grinder

D: 230mm Angle Grinder

## Wire Cup brush, Crimped wire

0.3mm crimped steel wire  
(Ideal for light rust removal  
from flat surfaces and edges.)



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
C	100mm	M14 x 2	D-29284
C	4"	5/8"-11	D-31697

### 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

### 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 Cup brush, Knotted wire 2

0.5mm knotted steel wire2  
(Ideal for especially heavy work.)



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 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 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

### 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



### Grinding

### Grinding wheel



Diameter 100mm~230mm  
Thickness: 6.0mm~7.2mm



### Cutting

### Thin cut-off wheel (Flat)



Diameter 100mm~230mm  
Thickness: 0.8mm~2.0mm



### Flexible grinding wheel



Diameter 100mm~230mm  
Thickness: 2.0mm~4.0mm



\*ALWAYS USE BACK-UP PAD

### Thin cut-off wheel (Depressed)



Diameter 100mm~230mm  
Thickness: 0.8mm~2.0mm



### Cut-off wheel for portable cut-off



Diameter 305mm~405mm  
Thickness: 2.4mm~3.0mm



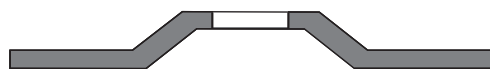
### Cut-off wheel (Flat)



Diameter 100mm~230mm  
Thickness: 2.0mm~3.0mm



### Cut-off wheel (Depressed)



Diameter 100mm~230mm  
Thickness: 3.0mm





# Accessories

## Abrasive Disc

**Validity** — 10/2017 1010435

**Part number** — B-45733

**Size** — 125 x 0.8 x 22.23mm  
7" x 1/32" x 7/8"

**Max operating speed** — max. 80m/s (4800m/min)  
max. 12250rev/min (12250rpm)

**Standard** — EN 12413

**Pictograms for safety use**

**Spec** — Z60T-BF INOX

**Application** — INOX

**Color code**

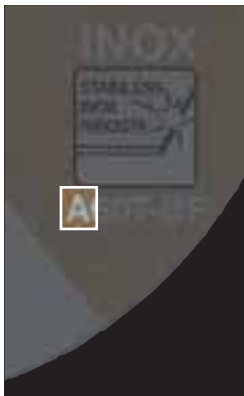
- Blue: Metal
- Gold: INOX
- Green: Masonry
- Silver: Aluminum

**125x0.8mm**

**Fast Cutting**

Makita Corporation  
Aichi, Japan

## How to read the spec.



### Aluminum Oxide Group (mainly for metal & INOX)

#### Brown Fused Aluminum : A

The most common abrasive material for metal.



#### Single Aluminum Oxide : SA

Single crystal abrasive material with high tenacity. Higher durability and grinding/cutting performance than A.



#### White Aluminum Oxide : WA

High purity abrasive material, eliminated extraneous elements from A. Higher grinding and cutting performance than A.



#### Alumina Zirconium : Z

Extremely sharp and hard abrasive material. Higher durability and grinding/cutting performance than SA.



#### Ceramic : CERAMIC

Extremely sharp and high resistant to shock/heat/wear. High grade abrasive material with excellent grinding performance and durability.

### Silicon Oxide Group (mainly for non-metallic)

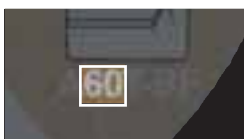
#### Black Silicon Carbide : C

The most common abrasive material for non-metal.



#### Green Silicon Carbide : GC

Higher purity than C, eliminated extraneous elements, thus having higher grinding and cutting performance than C, but a little lower durability than C.



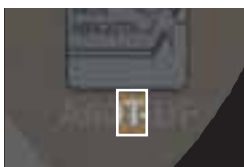
### Grit Size

24      36      60      80      120

Coarse



Fine

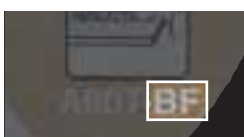


### Hardness of grinding wheel

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

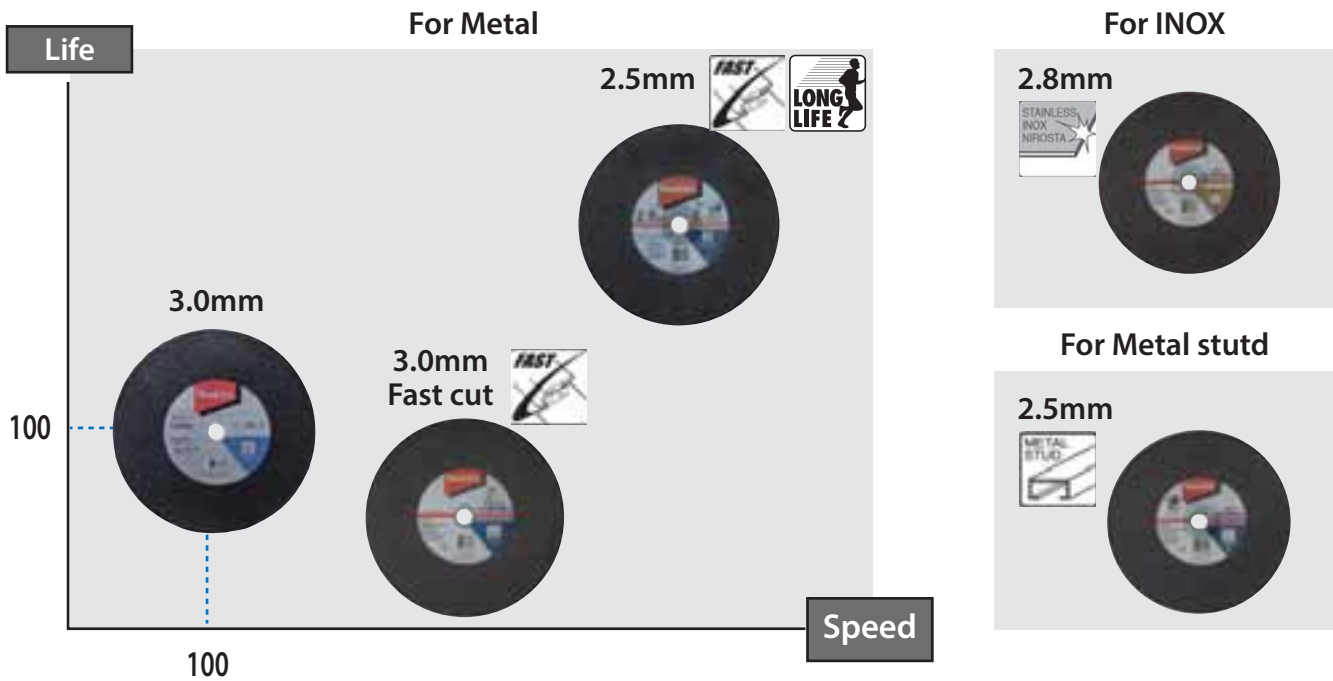


### Type of Bond

BF : Reinforced resinoid bond  
V : Vitrified bond



## Abrasive cut-off wheel series for portable cut-off

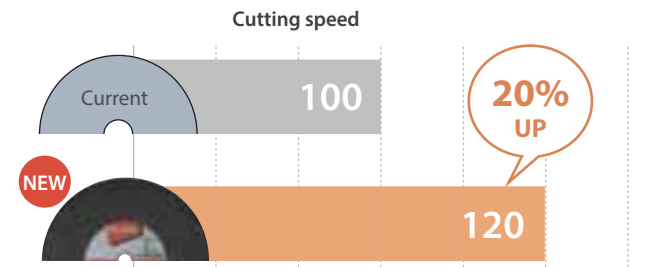


## Abrasive Cut-off wheel Fast cut type



### Feature

1. Fast cutting



\* The test results depend to a great extent on the hardness of materials, etc.  
 \* The number in the bar graphs are relative values when the capacity of current wheel is indexed at 100.

2. Smooth cutting



A little softer wheels provides nice sense of cutting. Lightens the worker's load.

3. Less burr and burning



Current

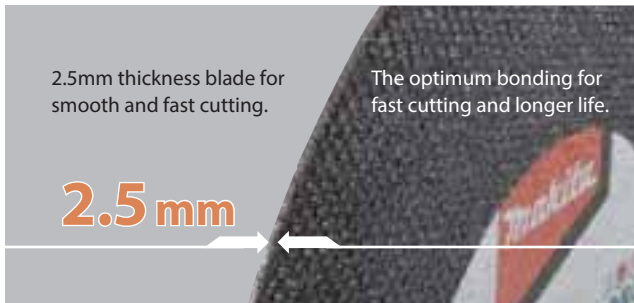
**NEW**

## Abrasive Cut-off wheel for Metal stud

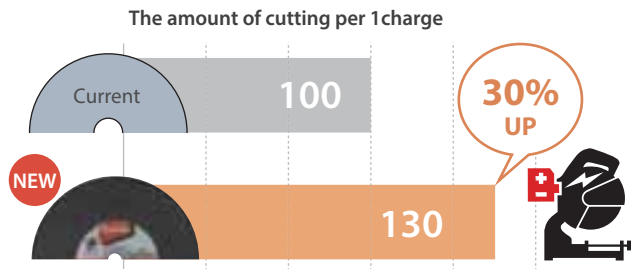


### Feature

1. Thinner blade & the optimum bonding



2. Ideal for cordless tools



\* The test results depend to a great extent on the hardness of materials, etc.  
 \* The number in the bar graphs are relative values when the capacity of current wheel is indexed at 100.

## Abrasive Cut-off wheel for INOX

Bonded Abrasive

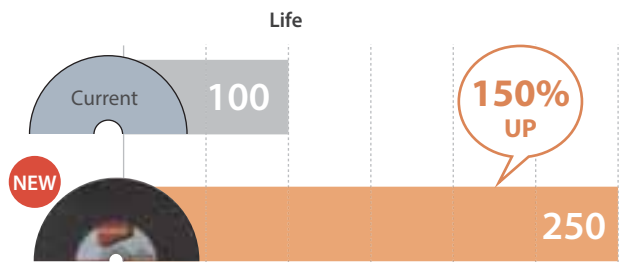


### Feature

1. Thinner blade & the optimum bonding



2. Long life



\* The test results depend to a great extent on the hardness of materials, etc.  
 \* The number in the bar graphs are relative values when the capacity of current wheel is indexed at 100.



Grinding wheel/ Metal

Size (mm)	Grit	Per pkg.	Part No.
100 x 6 x 22.23	A36P	1	E-00480(EN)
115 x 6 x 22.23	A36P	1	E-00365(EN)
125 x 6 x 22.23	A36P	1	E-00393(EN)

Grinding wheel/ Stainless

100 x 6 x 22.23	WA36N	1	E-00496(EN)
115 x 6 x 22.23	WA36N	1	E-00371(EN)
125 x 6 x 22.23	WA36N	1	E-00402(EN)

Thin Cut-off wheel (Flat)

100 x 1.2 x 22.23	A60T	1	E-00505(EN)
115 x 1.2 x 22.23	A60T	1	E-00387(EN)
125 x 1.2 x 22.23	A60T	1	E-00418(EN)

Grinding wheel/ Metal



Three-star range



Size (mm)	Grit	Per pkg.	Part No.
100 x 4 x 16	A36P	1	A-80905(EN)
100 x 6 x 16	A36P	1	A-80911(EN)
100 x 6 x 16	A36P	1	B-46246 (EN)
115 x 6 x 22.23	A36P	1	741458-1
115 x 6 x 22.23	A36P	1	A-80927(EN)
115 x 6 x 22.23	A36P	1	B-46252 (EN)
125 x 6 x 22.23	A36P	1	A-80933(EN)
125 x 6 x 22.23	A36P	1	B-46268 (EN)
150 x 6 x 22.23	A36P	1	A-84981(EN)
180 x 6 x 22.23	A24P	1	741425-6
180 x 6 x 22.23	A24R	1	A-88886(EN)
180 x 6 x 22.23	A36P	1	741426-4
180 x 6 x 22.23	A36P	1	A-80949(EN)
180 x 6 x 22.23	A36P	1	B-46274 (EN)
230 x 6 x 22.23	A36P	1	A-80955(EN)
230 x 6 x 22.23	A36P	1	B-46280 (EN)

Two-star range



100 x 6 x 16	A24R	1	D-18443(EN)
100 x 6 x 16	A24P	1	D-65090(EN)
115 x 6 x 22.23	A24R	1	D-18459(EN)
125 x 6 x 22.23	A24R	1	D-18465(EN)
150 x 6 x 22.23	A24R	1	D-26163(EN)
180 x 6 x 22.23	A24R	1	D-18471(EN)
180 x 6 x 22.23	A24P	1	D-65931(EN)
230 x 6 x 22.23	A24R	1	D-18487(EN)

Grinding wheel/ Stainless



CERAMIC



Five-star range



Size (mm)	Grit	Per pkg.	Part No.
115 x 7 x 22.23	A24P	1	B-66911(EN)
125 x 7 x 22.23	A24P	1	B-66927(EN)



Three-star range



Size (mm)	Grit	Per pkg.	Part No.
100 x 6 x 16	WA36N	1	A-80852(EN)
100 x 6 x 16	WA36N	1	B-46349 (EN)
115 x 6 x 22.23	WA36N	1	A-80640(EN)
125 x 6 x 22.23	WA36N	1	A-80874(EN)
125 x 6 x 22.23	WA36N	1	B-46361 (EN)
150 x 6 x 22.23	WA36N	1	A-80846(EN)
180 x 6 x 22.23	WA36O	1	A-80880(EN)
180 x 6 x 22.23	WA36O	1	B-46377 (EN)
230 x 6 x 22.23	WA36O	1	A-80896(EN)
230 x 6 x 22.23	WA36O	1	B-46383 (EN)



Two-star range



Size (mm)	Grit	Per pkg.	Part No.
100 x 6 x 16	C24R	1	D-18493(EN)
115 x 6 x 22.23	C24R	1	D-18502(EN)
125 x 6 x 22.23	C24R	1	D-18518(EN)
150 x 6 x 22.23	C24R	1	D-18524(EN)
180 x 6 x 22.23	C24R	1	D-18530(EN)
230 x 6 x 22.23	C24R	1	D-18546(EN)



Three-star range



Size (mm)	Grit	Per pkg.	Part No.
100 x 6 x 16	A36N	1	B-17706(EN)
115 x 6 x 22.23	A36N	1	B-14560(EN)
125 x 6 x 22.23	A36N	1	B-17653(EN)
150 x 6 x 22.23	A36N	1	B-17669(EN)
180 x 6 x 22.23	A36N	1	B-14576(EN)
230 x 6 x 22.23	A36N	1	B-14582(EN)

### Grinding wheel for Heavy Industries



Four-star range

★★★★

Size (mm)	Grit	Per pkg.	Part No.
115 x 7.2 x 22.23	A24S	1	B-56362 (EN)
115 x 7.2 x 22.23	AZ24N	1	B-56378 (EN)
125 x 7.2 x 22.23	A24S	1	B-56384 (EN)
125 x 7.2 x 22.23	AZ24N	1	B-56390 (EN)
180 x 7.2 x 22.23	A24S	1	B-56409 (EN)
180 x 7.2 x 22.23	AZ24N	1	B-56415 (EN)



Three-star range

★★★

Size (mm)	Grit	Per pkg.	Part No.
100 x 6 x 16	A24R	1	B-21107(EN)
115 x 6 x 22.23	A24R	1	B-21113(EN)
125 x 6 x 22.23	A24R	1	B-21129(EN)
180 x 6 x 22.23	A24R	1	B-21135(EN)
230 x 6 x 22.23	A24R	1	B-21141(EN)

### Flexible grinding wheel



Always use back-up pad  
Three-star range

★★★

Size (mm)	Grit	Per pkg.	Part No.
100 x 2 x 16	AC46	1	B-18203
100 x 2 x 16	AC60	1	A-85139
100 x 2 x 16	AC80	1	B-18219
100 x 2 x 16	AC120	1	B-18225
100 x 3 x 16	AC36	1	B-18231(EN)
100 x 3 x 16	AC46	1	B-18247(EN)
100 x 3 x 16	AC60	1	B-18253(EN)
100 x 3 x 16	AC80	1	B-18269(EN)
115 x 3 x 22.23	AC36	1	B-18275(EN)
115 x 3 x 22.23	AC46	1	B-18281(EN)
115 x 3 x 22.23	AC60	1	B-18297(EN)
115 x 3 x 22.23	AC80	1	B-18306(EN)
125 x 3 x 22.23	AC36	1	B-18312
125 x 3 x 22.23	AC46	1	B-18328
125 x 3 x 22.23	AC60	1	B-18334
125 x 3 x 22.23	AC80	1	B-18340
180 x 3 x 22.23	AC36	1	B-18356
180 x 3 x 22.23	AC46	1	B-18362
180 x 3 x 22.23	AC60	1	A-88490
180 x 3 x 22.23	AC80	1	B-18378
230 x 3 x 22.23	AC36	1	B-18384
230 x 3 x 22.23	AC46	1	B-18390
230 x 3 x 22.23	AC60	1	B-18409
230 x 3 x 22.23	AC80	1	B-18415



Needless to use Back up pad  
Three-star range

★★★

Size (mm)	Grit	Per pkg.	Part No.
100 x 3.8x 16	36	1	B-29147
100 x 3.8x 16	60	1	B-29153



Always use back-up pad  
Three-star range

★★★

Size (mm)	Grit	Per pkg.	Part No.
100 x 2 x 16	WA46	1	B-18421
100 x 2 x 16	WA60	1	B-18437
100 x 2 x 16	WA80	1	B-18443
100 x 2 x 16	WA120	1	B-18459
100 x 3 x 16	WA36	1	B-18465(EN)
100 x 3 x 16	WA46	1	B-18471
100 x 3 x 16	WA60	1	B-18487(EN)
100 x 3 x 16	WA80	1	B-18493
115 x 3 x 22.23	WA36	1	B-18502(EN)
115 x 3 x 22.23	WA46	1	B-18518
115 x 3 x 22.23	WA60	1	B-18524
115 x 3 x 22.23	WA80	1	B-18530
125 x 3 x 22.23	WA36	1	B-18546
125 x 3 x 22.23	WA46	1	B-18552
125 x 3 x 22.23	WA60	1	B-18568
125 x 3 x 22.23	WA80	1	B-18574
180 x 3 x 22.23	WA36	1	B-18580
180 x 3 x 22.23	WA46	1	B-18596
180 x 3 x 22.23	WA60	1	B-18605
180 x 3 x 22.23	WA80	1	B-18611
230 x 3 x 22.23	WA36	1	B-18627
230 x 3 x 22.23	WA46	1	B-18633
230 x 3 x 22.23	WA60	1	B-18649
230 x 3 x 22.23	WA80	1	B-18655



Always use back-up pad  
Three-star range

★★★

Size (mm)	Grit	Per pkg.	Part No.
100 x 3 x 16	GC60P	1	B-51356 (EN)
100 x 3 x 16	GC80P	1	B-51362 (EN)
100 x 3 x 16	GC120P	1	B-51378 (EN)

### Flexible grinding wheel ideal for cordless angle grinder



Needless to use Back up pad  
Four-star range

★★★★

Size (mm)	Grit	Per pkg.	Part No.
100 x 4.0 x 16	WA36P	1	B-52392(EN)
115 x 4.0 x 22.23	WA36P	1	B-49775(EN)
125 x 4.0 x 22.23	WA36P	1	B-53110(EN)



## Back up pad for Flexible grinding wheel



Size (mm)	Per pkg.	Part No.
for 100mm	1	B-20476
for 115/125mm	1	B-20482
for 180mm	1	B-20498
for 230mm	1	B-20507

## Thin Cut-off wheel



Three-star range

★★★

Type A: Flat wheel

Type B: Depressed center wheel



Size (mm)	Grit	Type	Per pkg.	Part No.
115 x 1.6 x 22.23	A46U	A	1	B-14102(EN)
125 x 1.6 x 22.23	A46U	A	1	B-35134(EN)



Three-star range

★★★



Size (mm)	GrGrit	Type	Per pkg.	Part No.
100 x 1.0 x 16	A60T	A	1	B-12201(EN)
100 x 1.0 x 16	A60T	A	12 (Plastic case)	B-12201-12(EN)
100 x 1.6 x 16	A36S	A	1	B-45749(EN)
115 x 1.0 x 22.23	A60T	A	1	B-12217(EN)
115 x 1.0 x 22.23	A60T	A	12 (Plastic case)	B-12217-12(EN)
115 x 1.2 x 22.23	A60T	B	1	B-64587(EN)
115 x 1.6 x 22.23	A36S	A	1	B-45755(EN)
125 x 1.0 x 22.23	A60T	A	1	B-12239(EN)
125 x 1.0 x 22.23	A60T	A	12 (Plastic case)	B-12239-12(EN)
125 x 1.2 x 22.23	A60T	B	1	B-64593(EN)
125 x 1.6 x 22.23	A36S	A	1	B-46931(EN)
150 x 1.6 x 22.23	A60T	A	1	B-12251(EN)
180 x 1.6 x 22.23	A60T	A	1	B-12267(EN)
180 x 1.6 x 22.23	A60T	B	1	B-64602(EN)
180 x 1.8 x 22.23	A36S	A	1	B-60458(EN)
230 x 1.9 x 22.23	A60T	A	1	B-12273(EN)
230 x 1.9 x 22.23	A60T	B	1	B-64618(EN)
230 x 2 x 22.23	A36S	A	1	B-60464(EN)



Two-star range

★★

100 x 1.0 x 16	WA60T	A	1	D-18758(EN)
100 x 1.2 x 16	WA46R	A	1	D-65947(EN)
100 x 1.2 x 16	WA46R	A	12 (Can)	D-65947-12(EN)
100 x 1.2 x 16	WA60T	B	1	D-18801(EN)
115 x 1.2 x 22.23	WA60T	A	1	D-18764(EN)
115 x 1.2 x 22.23	WA60T	A	10 (Can)	D-18764-10(EN)
115 x 1.2 x 22.23	WA46R	A	1	D-65953(EN)

Size (mm)	GrGrit	Type	Per pkg.	Part No.
115 x 1.2 x 22.23	WA46R	A	12 (Can)	D-65953-12(EN)
115 x 1.2 x 22.23	WA60T	B	1	D-18817(EN)
125 x 1.2 x 22.23	WA60T	A	1	D-18770(EN)
125 x 1.2 x 22.23	WA60T	A	10 (Can)	D-18770-10(EN)
125 x 1.2 x 22.23	WA46R	A	1	D-65969(EN)
125 x 1.2 x 22.23	WA46R	A	12 (Can)	D-65969-12(EN)
125 x 1.6 x 22.23	WA46S	B	1	D-18823(EN)
150 x 2 x 22.23	WA36R	A	1	D-29424(EN)
180 x 2 x 22.23	WA36R	A	1	D-18786(EN)
180 x 2 x 22.23	WA46R	A	1	D-65975(EN)
180 x 2 x 22.23	WA36R	B	1	D-18839(EN)
230 x 2 x 22.23	WA36R	A	1	D-18792(EN)
230 x 2 x 22.23	WA36R	B	1	D-18845(EN)



Three-star range

★★★



Size (mm)	Grit	Type	Per pkg.	Part No.
100 x 1.0 x 16	A60T	A	1	B-45319(EN)
115 x 1.0 x 22.23	A60T	A	1	B-45325(EN)
125 x 1.0 x 22.23	A60T	A	1	B-45331(EN)
150 x 1.6 x 22.23	A60T	A	1	B-45347(EN)
180 x 1.6 x 22.23	A60T	A	1	B-45353(EN)
230 x 1.9 x 22.23	A60T	A	1	B-45369(EN)

## Thin Cut-off wheel ideal for cordless angle grinder



Four-star range

★★★★

Type A: Flat wheel

Type B: Depressed center wheel



Size (mm)	Grit	Type	Per pkg.	Part No.
100 x 0.8 x 16	Z60T	A	1	B-45711(EN)
100 x 0.8 x 16	Z60T	A	12 (Plastic case)	B-45711-12(EN)
115 x 0.8 x 22.23	Z60T	A	1	B-45727(EN)
115 x 0.8 x 22.23	Z60T	A	12 (Plastic case)	B-45727-12(EN)
115 x 0.8 x 22.23	Z60T	B	1	B-46947(EN)
125 x 0.8 x 22.23	Z60T	A	1	B-45733(EN)
125 x 0.8 x 22.23	Z60T	A	12 (Plastic case)	B-45733-12(EN)
125 x 0.8 x 22.23	Z60T	B	1	B-46953(EN)



## Cut-off wheel



Three-star range



Type A: Flat wheel

Type B: Depressed center wheel



Size (mm)	Grit	Type	Per pkg.	Part No.
100 x 2.0 x 16	A46S	A	1	A-85123(EN)
100 x 2.5 x 16	A30R	A	1	A-85298(EN)
100 x 2.5 x 16	A30R	A	1	B-46399 (EN)
100 x 3 x 16	A30T	B	1	A-83587(EN)
115 x 2.5 x 22.23	A30R	A	1	A-85307(EN)
115 x 2.5 x 22.23	A30R	A	1	B-46408 (EN)
115 x 3 x 22.23	A30T	B	1	A-83593(EN)
125 x 2.5 x 22.23	A30R	A	1	A-85313(EN)
125 x 2.5 x 22.23	A30R	A	1	B-46414 (EN)
125 x 3 x 22.23	A30T	B	1	A-83602(EN)
150 x 3 x 22.23	A30T	B	1	B-05050(EN)
180 x 2.5 x 22.23	A30R	A	1	A-85329(EN)
180 x 2.5 x 22.23	A30R	A	1	B-46420 (EN)
180 x 3 x 22.23	A30T	B	1	A-83618(EN)
230 x 2.5 x 22.23	A30R	A	1	A-85335(EN)
230 x 2.5 x 22.23	A30R	A	1	B-46436 (EN)
230 x 3 x 22.23	A30T	B	1	A-83624(EN)

Two-star range



Size (mm)	Grit	Type	Per pkg.	Part No.
100 x 2.5 x 16	A30S	A	1	D-18655(EN)
100 x 3 x 16	A30S	B	1	D-18552(EN)
115 x 2.5 x 22.23	A30S	A	1	D-18661(EN)
115 x 3 x 22.23	A30S	B	1	D-18568(EN)
125 x 2.5 x 22.23	A30S	A	1	D-18677(EN)
125 x 3 x 22.23	A30S	B	1	D-18574(EN)
150 x 3 x 22.23	A30S	B	1	D-29418(EN)
150 x 2.5 x 22.23	A30S	A	1	D-29402(EN)
180 x 2.5 x 22.23	A30S	A	1	D-18683(EN)
180 x 3 x 22.23	A30S	B	1	D-18580(EN)
230 x 2.5 x 22.23	A30S	A	1	D-18699(EN)
230 x 3 x 22.23	A30S	B	1	D-18596(EN)



Three-star range



Size (mm)	Grit	Type	Per pkg.	Part No.
100 x 3 x 16	C30T	A	1	A-86739(EN)
100 x 3 x 16	C30T	B	1	A-86745(EN)
115 x 3 x 22.23	C30T	A	1	A-85357(EN)
115 x 3 x 22.23	C30T	B	1	A-85254(EN)
125 x 3 x 22.23	C30T	A	1	A-85363(EN)
125 x 3 x 22.23	C30T	B	1	A-85260(EN)
180 x 3 x 22.23	C30T	A	1	A-85379(EN)
180 x 3 x 22.23	C30T	B	1	A-85276(EN)
230 x 3 x 22.23	C30T	A	1	A-85385(EN)
230 x 3 x 22.23	C30T	B	1	A-85282(EN)

Two-star range



Size (mm)	Grit	Type	Per pkg.	Part No.
100 x 3 x 16	C30S	A	1	D-18708(EN)
100 x 3 x 16	C30S	B	1	D-18605(EN)
115 x 3 x 22.23	C30S	A	1	D-18714(EN)
115 x 3 x 22.23	C30S	B	1	D-18611(EN)
125 x 3 x 22.23	C30S	A	1	D-18720(EN)
125 x 3 x 22.23	C30S	B	1	D-18627(EN)
180 x 3 x 22.23	C30S	A	1	D-18736(EN)
180 x 3 x 22.23	C30S	B	1	D-18633(EN)
230 x 3 x 22.23	C30S	A	1	D-18742(EN)
230 x 3 x 22.23	C30S	B	1	D-18649(EN)

## 2in1 grinding wheel



Appropriate wheel cover is required  
Three-star range



Size (mm)	Grit	Per pkg.	Part No.
100 x 3.2 x 16	A36T	1	B-21222 (EN)
115 x 3.2 x 22.23	A36T	1	B-21238 (EN)
125 x 3.2 x 22.23	A36T	1	B-21244 (EN)
180 x 4.0 x 22.23	A36T	1	B-21250 (EN)

## 2in1 grinding wheel ideal for Cordless Angle Grinder



Appropriate wheel cover is required  
Four-star range



Size (mm)	Grit	Per pkg.	Part No.
100 x 2.2 x 16	SA46P	1	B-51649 (EN)
115 x 2.0 x 22.23	SA46P	1	B-50360 (EN)
125 x 2.2 x 22.23	SA46P	1	B-51655 (EN)

### Abrasive cut-off wheel for portable cut-off



Four-star range

★★★★

Size (mm)	Grit	Rough or Smooth	G.F.Q'ty	Per pkg.	Part No.
355 x 2.5 x 25.4	A36P	-	2.0G	5	B-49448-5(EN)
355 x 2.5 x 25.4	A36P	-	2.0G	25	B-49448-25(EN)

Three-star range

★★★

305 x 2.8 x 25.4	A36P	Rough	1.0G	5	A-01345
305 x 2.8 x 25.4	A36P	Rough	1.0G	25	A-05038
305 x 3 x 25.4	A36P	Rough	1.0G	25	A-88456-25
305 x 3 x 25.4	A36P	Smooth	1.0G	25	A-87650-25
355 x 2.4 x 25.4	A30Q	Rough	1.0G	5	B-20769-5
355 x 2.4 x 25.4	A30Q	Rough	1.0G	25	B-20769-25
355 x 3 x 25.4	A30P	Smooth	1.0G	5	B-64353-5(EN)
355 x 3 x 25.4	A30P	Smooth	1.0G	25	B-64353-25(EN)
355 x 3 x 25.4	A30P	-	2.0G	5	B-16891-5(EN)
355 x 3 x 25.4	A30P	-	2.0G	25	B-16891-25(EN)
355 x 3 x 25.4	A30Q	Rough	1.0G	5	B-20775-5
355 x 3 x 25.4	A30Q	Rough	1.0G	25	B-20775-25
355 x 3 x 25.4	A30R	-	2.0G	5	B-20753-5(EN)
355 x 3 x 25.4	A30R	-	2.0G	25	B-20753-25(EN)
355 x 3 x 25.4	A36P	Rough	1.0G	5	A-01351
355 x 3 x 25.4	A36P	Rough	1.0G	25	A-05044
355 x 3 x 25.4	A36P	Rough	1.0G	25	A-87585-25
355 x 3 x 25.4	A36P	Rough	1.0G	5	B-10665-5(EN)
355 x 3 x 25.4	A36P	Rough	1.0G	25	B-10665-25(EN)
355 x 3 x 25.4	A36P	Rough	1.0G	5	B-10730-5
355 x 3 x 25.4	A36P	Rough	1.0G	25	B-10730-25
355 x 3 x 25.4	A36P	Smooth	1.0G	5	A-87672-5
355 x 3 x 25.4	A36P	Smooth	1.0G	25	A-87672-25
355 x 3 x 25.4	A36P	Smooth	1.0G	5	A-89545-5
355 x 3 x 25.4	A36P	Smooth	1.0G	25	A-89545-25
355 x 3 x 25.4	A36P	Smooth	1.5G	5	B-19881-5(EN)
355 x 3 x 25.4	A36P	Smooth	1.5G	25	B-19881-25(EN)
355 x 3 x 25.4	A36P	-	2.0G	25	B-55360-25(EN)
405 x 3 x 25.4	A36P	Rough	1.0G	5	A-01367
405 x 3 x 25.4	A36P	Rough	1.0G	25	A-05050
405 x 3 x 25.4	A36P	Rough	1.0G	25	A-88478-25
405 x 3 x 25.4	A36P	Smooth	1.0G	25	A-87694-25

Two-star range

★★

305 x 3 x 25.4	A30R	-	2.0G	5	D-41551-5(EN)
305 x 3 x 25.4	A30R	-	2.0G	25	D-41551-25(EN)



Three-star range

★★★

Size (mm)	Grit	Rough or Smooth	G.F.Q'ty	Per pkg.	Part No.
305 x 3.0 x 25.4	A30P	-	2.0G	5	B-64571-5(EN)
305 x 3.0 x 25.4	A30P	-	2.0G	25	B-64571-25(EN)
355 x 2.8 x 25.4	A30P	-	2.0G	5	B-64565-5(EN)
355 x 2.8 x 25.4	A30P	-	2.0G	25	B-64565-25(EN)

### Abrasive cut-off wheel for cordless portable cut-off



Specialized

Size (mm)	Grit	Rough or Smooth	G.F.Q'ty	Per pkg.	Part No.
355 x 2.5 x 25.4	A36P	-	2.0G	5	B-64696-5(EN)
355 x 2.5 x 25.4	A36P	-	2.0G	25	B-64696-25(EN)

### Grinding wheel for Bench grinder



Size (mm)	Grit	Part No.
150 x 16 x 12.7	A36M	B-51904 (EN)
150 x 16 x 12.7	A60M	B-51910 (EN)
150 x 16 x 12.7	WA60K	B-51926(EN)
150 x 16 x 12.7	GC120H	B-51932 (EN)
150 x 6.4 x 12.7	A60M	A-47195
205 x 19 x 15.88	A36P	B-51948 (EN)
205 x 19 x 15.88	A60P	B-51954 (EN)
205 x 19 x 15.88	WA60K	B-51960(EN)
205 x 19 x 15.88	GC120H	B-51976 (EN)

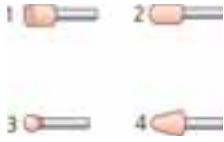
### Grinding wheel for Straight grinder



Size (mm)	Grit	Part No.
125 x 19 x 12.7	24P	741015-5
125 x 19 x 12.7	36P	741016-3
125 x 20 x 20.0	24P	B-28662 (EN)
125 x 20 x 20.0	36P	B-28678 (EN)
150 x 20 x 20.0	24P	B-28684 (EN)
150 x 20 x 20.0	36P	B-28690 (EN)

### 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.
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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

### Tungsten carbide burrs



#### Cut and application

For rough cut  
<Feature> High efficiency  
<Surface> Rough  
<Material> Metal, Stainless



#### For Smooth cut

<Feature> Less vibration  
<Surface> Smooth  
<Material> Metal, Stainless



#### For Non-ferrous cut

<Feature> Less clogging up  
<Surface> Rough  
<Material> Non-ferrous, Plastic



#### Shape and application

Shape : A



Shape : C



Shape : F



Shape : L



Shape : M



Clean the burrs on inox



Deburr of aluminium



Wipe the welding line between steel plate



### Tungsten carbide burrs

Application :  
Steel, Cast iron, Stainless, Ni-Co etc  
For Model:  
GD0600, GD0601C, GD0602, GD0800, GD0800C, GD0801C



Head shape	Cut type	per pkg.	Size (mm)	Part No.
A	Standard cut	10	10x20x6mm	B-52716-10
A	Diamond cut	10	10x20x6mm	B-52722-10
A	Non-ferrous cut	10	10x20x6mm	B-52738-10
C	Standard cut	10	10x20x6mm	B-52744-10
C	Diamond cut	10	10x20x6mm	B-52750-10
C	Non-ferrous cut	10	10x20x6mm	B-52766-10
F	Standard cut	10	10x20x6mm	B-52772-10
F	Diamond cut	10	10x20x6mm	B-52788-10
F	Non-ferrous cut	10	10x20x6mm	B-52794-10
L	Standard cut	10	10x25x6mm	B-52803-10
L	Diamond cut	10	10x25x6mm	B-52819-10
L	Non-ferrous cut	10	10x25x6mm	B-52825-10
M	Standard cut	10	10x20x6mm	B-52831-10
M	Diamond cut	10	10x20x6mm	B-52847-10
M	Non-ferrous cut	10	10x20x6mm	B-52853-10

Size: inch

Head shape	Cut type	per pkg.	Size (inch)	Part No.
A	Standard cut	10	3/8"x3/4"x1/4"	B-52962-10
A	Diamond cut	10	3/8"x3/4"x1/4"	B-52978-10
A	Non-ferrous cut	10	3/8"x3/4"x1/4"	B-52984-10
C	Standard cut	10	3/8"x3/4"x1/4"	B-52990-10
C	Diamond cut	10	3/8"x3/4"x1/4"	B-53001-10
C	Non-ferrous cut	10	3/8"x3/4"x1/4"	B-53017-10
F	Standard cut	10	3/8"x3/4"x1/4"	B-53023-10
F	Diamond cut	10	3/8"x3/4"x1/4"	B-53039-10
F	Non-ferrous cut	10	3/8"x3/4"x1/4"	B-53045-10
L	Standard cut	10	3/8"x1"x1/4"	B-53051-10
L	Diamond cut	10	3/8"x1"x1/4"	B-53067-10
L	Non-ferrous cut	10	3/8"x1"x1/4"	B-53073-10
M	Standard cut	10	3/8"x3/4"x1/4"	B-53089-10
M	Diamond cut	10	3/8"x3/4"x1/4"	B-53095-10
M	Non-ferrous cut	10	3/8"x3/4"x1/4"	B-53104-10

# ACCESSORIES

## Coated Abrasive



Hook & Loop backing



Grit size



Sanding wood



Sanding wood



Sanding wood



Sanding wood, large surfaces



Sanding paint



Sanding paint



Sanding plastic



Removing paint



Removing paint from metal or polishing



Sanding metal



Polishing



Wood, hard and soft



Ceramic




# 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	 Aluminum oxide	 Zirconia alumina	 Silicon carbide	 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

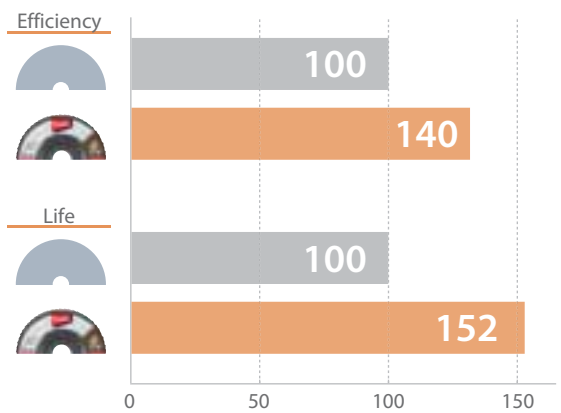
## Flap Disc

### Industrial Flap Disc for Heavy Duty



#### Feature

- High efficiency
- Long life
- Suitable for Industry use  
High-speed Grinding with high-power grinder.



### Flexible Flap Disc



Coated Abrasive

#### Feature

- High flexibility
- Suitable for grinding on CURVE/EDGE/CORNER surface.



### Industrial Flap Disc for Heavy Duty

#### Material: Zirconia aluminum

High efficiency & Long life.  
Suitable for Industry use.

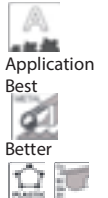


Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
Fiber Glass	Angled	115	22.23	Z40	B-55603
			22.23	Z60	B-55619
			22.23	Z80	B-55625
			22.23	Z120	B-55631
		125	22.23	Z40	B-53920
			22.23	Z60	B-53936
			22.23	Z80	B-53942
			22.23	Z120	B-53958
		180	22.23	Z40	B-55647
			22.23	Z60	B-55653
			22.23	Z80	B-55669
			22.23	Z120	B-55675

### Flexible Flap Disc

#### Material: Aluminum oxide

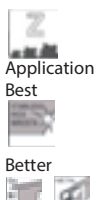
High flexibility.  
Suitable for grinding on CURVE/EDGE/CORNER surface.



Backing Type	Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
Backing less	Flat	100	16	A40	D-62686
			16	A60	D-62692
			16	A80	D-62701
			16	A120	D-62717

### Premium Zirconia Aluminum flap disc

#### Material: Zirconia aluminum

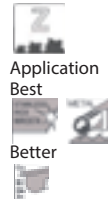


Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
Fiber Glass	Angled	115	22.23	Z40	B-22626
			22.23	Z60	B-22632
			22.23	Z80	B-22648
			22.23	Z120	B-22654
		125	22.23	Z40	B-22660
			22.23	Z60	B-22676
			22.23	Z80	B-22682
			22.23	Z120	B-22698
		180	22.23	Z40	B-22707
			22.23	Z60	B-22713
			22.23	Z80	B-22729
			22.23	Z120	B-22735

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
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

### Flap Disc series

#### Material: Zirconia aluminum



Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.	
Fiber Glass	Angled	100	16	Z36	D-27377	
			16	Z40	D-27383	
			16	Z60	D-27399	
			16	Z80	D-27408	
			16	Z120	D-27414	
		115	22.23	Z36	D-27420	
			22.23	Z40	D-27436	
			22.23	Z60	D-27442	
			22.23	Z80	D-27458	
			22.23	Z120	D-27464	
		125	22.23	Z36	D-27470	
			22.23	Z40	D-27486	
			22.23	Z60	D-27492	
			22.23	Z80	D-27501	
		180	22.23	Z120	D-27517	
			22.23	Z36	D-27523	
			22.23	Z40	D-27539	
			22.23	Z60	D-27545	
			22.23	Z80	D-27551	
		100	Flat	16	Z36	D-27573
					Z40	D-27589
					Z60	D-27595
					Z80	D-27604
					Z120	D-27610
22.23	Z36			D-27626		
	Z40			D-27632		
	Z60			D-27648		
	Z80			D-27654		
115	22.23			Z120	D-27660	
	22.23			Z36	D-27676	
	22.23			Z40	D-27682	
	22.23			Z60	D-27698	
	22.23			Z80	D-27707	
125	22.23	Z120	D-27713			
	22.23	Z36	D-27729			
	22.23	Z40	D-27735			
	22.23	Z60	D-27741			
	22.23	Z80	D-27757			
180	22.23	Z120	D-27763			

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
Nylon	Flat	100	16	Z36	D-27779
			16	Z40	D-27785
			16	Z60	D-27791
			16	Z80	D-27800
		115	22.23	Z120	D-27816
			22.23	Z36	D-27822
			22.23	Z40	D-27838
			22.23	Z60	D-27844
		125	22.23	Z80	D-27850
			22.23	Z120	D-27866
			22.23	Z36	D-27872
			22.23	Z40	D-27888
		180	22.23	Z60	D-27894
			22.23	Z80	D-27903
			22.23	Z120	D-27919
			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	

**Material: Ceramic aluminum oxide**



Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	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

**Material: Aluminum oxide**



Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
Fiber Glass	Angled	100	16	A36	D-26973
			16	A40	D-26989
			16	A60	D-26995
			16	A80	D-27006
		115	22.23	A120	D-27012
			22.23	A36	D-27028
			22.23	A40	D-27034
			22.23	A60	D-27040
		125	22.23	A80	D-27056
			22.23	A120	D-27062
			22.23	A36	D-27078
			22.23	A40	D-27084
		180	22.23	A60	D-27090
			22.23	A80	D-27109
			22.23	A120	D-27115
			22.23	A36	D-27121
Fiber Glass	Flat	100	22.23	A40	D-27137
			22.23	A60	D-27143
			22.23	A80	D-27159
			22.23	A120	D-27165
		115	16	A36	D-27171
			16	A40	D-27187
			16	A60	D-27193
			16	A80	D-27202
		125	16	A120	D-27218
			22.23	A36	D-27224
			22.23	A40	D-27230
			22.23	A60	D-27246
		180	22.23	A80	D-27252
			22.23	A120	D-27268
			22.23	A36	D-27274
			22.23	A40	D-27280
125	22.23	A60	D-27296		
	22.23	A80	D-27305		
	22.23	A120	D-27311		
	22.23	A36	D-27327		
180	22.23	A40	D-27333		
	22.23	A60	D-27349		
	22.23	A80	D-27355		
	22.23	A120	D-27361		

**Material: Silicon carbide**



Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
Fiber Glass	Flat	100	16	C36	D-27975
			16	C40	D-27981
			16	C60	D-27997
			16	C80	D-28008
		115	16	C120	D-28014
			22.23	C36	D-28020
			22.23	C40	D-28036
			22.23	C60	D-28042
		125	22.23	C80	D-28058
			22.23	C120	D-28064
			22.23	C36	D-28070
			22.23	C40	D-28086
		180	22.23	C60	D-28092
			22.23	C80	D-28101
			22.23	C120	D-28117
			22.23	C36	D-28123
		180	22.23	C40	D-28139
			22.23	C60	D-28145
			22.23	C80	D-28151
			22.23	C120	D-28167

Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
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

**Flap Disc Economy type**  
Material: Zirconia aluminum

Application Best  
Better



Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.	
Fiber Glass	Angled	100	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	
			22.23	Z36	D-53768	
		125	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	

**Flap Disc Economy type**  
Material: Aluminum oxide

Application Best  
Better



Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
Fiber Glass	Angled	100	16	A40	D-63395
			16	A60	D-63404
			16	A80	D-63410
			16	A120	D-63426
		115	22.23	A40	D-63432
			22.23	A60	D-63448
			22.23	A80	D-63454
			22.23	A120	D-63460
		125	22.23	A40	D-63476
			22.23	A60	D-63482
			22.23	A80	D-63498
			22.23	A120	D-63507
		180	22.23	A40	D-63513
			22.23	A60	D-63529
			22.23	A80	D-63535
			22.23	A120	D-63541

**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

**Flap Disc Economy type**  
Material: Zirconia aluminum

More economy type.

Application Best  
Better



Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
Fiber Glass	Angled	100	16	Z40	D-63703
			16	Z60	D-63719
			16	Z80	D-63725
			16	Z120	D-63731
		115	22.23	Z40	D-63747
			22.23	Z60	D-63753
			22.23	Z80	D-63769
			22.23	Z120	D-63775
		125	22.23	Z40	D-63781
			22.23	Z60	D-63797
			22.23	Z80	D-63806
			22.23	Z120	D-63812
		180	22.23	Z40	D-63828
			22.23	Z60	D-63834
			22.23	Z80	D-63840
			22.23	Z120	D-63856



# 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

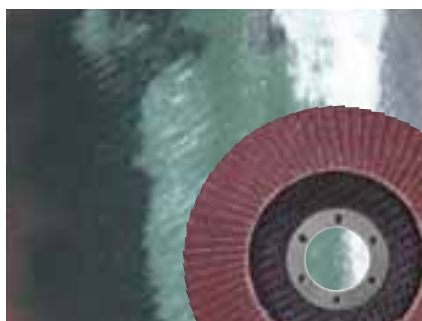
Entangled fiber acts as a cushion material and prevents from grinding too much and scratching steel.

## Features

The surface condition of strip disc is the finest.



Strip disc



Flap Wheel



Grinding Wheel

Coated Abrasive

## Application



\*Removing Paint



\*Removing Rust



\*Removing blue weld discoloration



### 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







Color	Backing Type	Dia. (mm)	Hole dia (mm)	Part No.
Black 	Fiber Glass 	100	16	B-28961
		115	22.23	B-28977
		125	22.23	B-28983
		180	22.23	B-28999
Purple 	Fiber Glass 	100	16	B-29000
		115	22.23	B-29016
		125	22.23	B-29022
		180	22.23	B-29038
Black 	Nylon 	100	16	B-29044
		115	22.23	B-29050
		125	22.23	B-29066
		180	22.23	B-36239
Purple 	Nylon 	100	16	B-36245
		115	22.23	B-36251
		125	22.23	B-36267
		180	22.23	B-36273

Coated Abrasive

### Surface Conditioning Flap Disc series

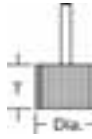
Application



Backing Type	Backing Shape	Dia. (mm)	Hole dia (mm)	Grit	Part No.
Fiber Glass 	Angled 	100	16	Coarse	B-40711
			16	Medium	B-40727
			16	Fine	B-40733
			16	Very Fine	B-40749
		115	22.23	Coarse	B-40755
			22.23	Medium	B-40761
			22.23	Fine	B-40777
			22.23	Very Fine	B-40783
		125	22.23	Coarse	B-40799
			22.23	Medium	B-40808
			22.23	Fine	B-40814
			22.23	Very Fine	B-40820
		180	22.23	Coarse	B-40836
			22.23	Medium	B-40842
			22.23	Fine	B-40858
			22.23	Very Fine	B-40864
Fiber Glass 	Flat 	100	16	Coarse	B-40870
			16	Medium	B-40886
			16	Fine	B-40892
			16	Very Fine	B-40901
		115	22.23	Coarse	B-40917
			22.23	Medium	B-40923
			22.23	Fine	B-40939
			22.23	Very Fine	B-40945
		125	22.23	Coarse	B-40951
			22.23	Medium	B-40967
			22.23	Fine	B-40973
			22.23	Very Fine	B-40989
		180	22.23	Coarse	B-40995
			22.23	Medium	B-41006
			22.23	Fine	B-41012
			22.23	Very Fine	B-41028

**Flap wheel**

Application



Dia. (mm)	T (mm)	Shank (mm)	Grit	Part No.
25.4	25.4	6	40	B-36762
			60	B-36778
			80	B-36784
			100	B-36790
			120	B-36809
38.1	25.4	6	40	B-36815
			60	B-36821
			80	B-36837
			100	B-36843
			120	B-36859
50.8	25.4	6	40	B-36865(EN)
			60	B-36871(EN)
			80	B-36887(EN)
			100	B-36893(EN)
			120	B-36902(EN)
50.8	38.1	6	40	B-36918(EN)
			60	B-36924(EN)
			80	B-36930(EN)
			100	B-36946(EN)
			120	B-36952(EN)
50.8	50.8	6	40	B-36968(EN)
			60	B-36974(EN)
			80	B-36980(EN)
			100	B-36996(EN)
			120	B-37007(EN)
63.5	25.4	6	40	B-37013(EN)
			60	B-37029(EN)
			80	B-37035(EN)
			100	B-37041(EN)
			120	B-37057(EN)
76	25.4	6	40	B-37063(EN)
			60	B-37079(EN)
			80	B-37085(EN)
			100	B-37091(EN)
			120	B-37100(EN)
76	50.8	6	40	B-37116(EN)
			60	B-37122(EN)
			80	B-37138(EN)
			100	B-37144(EN)
			120	B-37150(EN)

Dia. (inch)	T (inch)	Shank (inch)	Grit	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

Dia. (inch)	T (inch)	Shank (inch)	Grit	Part No.
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

**Fiber sanding disc**

Use with backing pad.



\*For stone (wet), For Model: PK5001C, PK5011C only

\*\*For Model: GV6010 only

Dia. (mm)	Grit	Per pkg.	Part No.
115	C24	10	794104-5
	C30	10	794105-3
	C50	10	794106-1
	C80	10	794107-9
	C120	10	794108-7
125	A50	5	794319-4
	A80	5	794320-9
	A120	5	794321-7
	*C24	10	B-14526
125	*C50	10	B-14532
	*C60	10	B-14548
	*C120	10	B-14554
	125	C24	10
C30		10	794097-6
C50		10	794098-4
C80		10	794099-2
C120		10	794100-3
150		**C50	10
	**C80	10	794088-7
	**C120	10	794090-0
150	C24	10	794070-6
	C30	10	794071-4
	C50	10	794072-2
	C80	10	794073-0
	C100	10	794219-8
	C120	10	794074-8
180	C16	10	794091-8
	C20	10	794092-6
	C24	10	794093-4
	C30	10	794218-0
	C50	10	794094-2
	C80	10	794095-0
	C100	10	794220-3
	C120	10	794221-1

**Abrasive disc**

(hook & loop type)



Disc dia. (mm)	Grit	Per pkg.	Part No.
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Pre-punched (8 hole) for Wood

For Model: BO5030, BO5031, BO5040, BO5041

Disc dia. (mm)	Grit	Per pkg.	Part No.
125	A40	10	D-54134
		50	D-54673
	A60	10	D-54140
		50	D-54689
	A80	10	D-54156
		50	D-54695
	A100	10	D-54162
		50	D-54704
	A120	10	D-54178
		50	D-54710
	A150	10	D-54184
		50	D-54726
	A180	10	D-54190
		50	D-54732
	A240	10	D-54209
		50	D-54748
A320	10	D-54215	
	50	D-54754	

Pre-punched (8 hole) for Paint

For Model: BO5030, BO5031, BO5040, BO5041

\*Additional coat

Disc dia. (mm)	Grit	Per pkg.	Part No.
125	*WA60	10	794542-1
		10	794543-9
		10	794544-7
		10	794545-5
		10	794546-3
		10	D-65816
	*A40	10	D-65822
		10	D-65838
	*A80	10	D-65844
		10	D-65850
	*A100	10	D-65866
		10	D-65872
	*A120	10	D-65888
		10	D-65894
	*A150	10	D-65888
		10	D-65894
*A180	10	D-65872	
	10	D-65888	
*A240	10	D-65888	
	10	D-65894	
*A320	10	D-65894	
	10	D-65903	

Pre-punched (9 hole) for Paint

For Model: BO6030, BO6040

\*Additional coat

Disc dia. (mm)	Grit	Per pkg.	Part No.
150	*WA40	10	794607-9
		10	794608-7
	*WA60	10	794609-5
		10	794610-0
	*WA80	10	794611-8
		10	794612-6
	*WA120	10	794613-4
		10	794613-4

Pre-punched (15 hole) for Wood

For Model: BO6030, BO6040, BO6050

Disc dia. (mm)	Grit	Per pkg.	Part No.
150	A40	10	D-54586
		50	D-54760
	A60	10	D-54592
		50	D-54776
	A80	10	D-54601
		50	D-54782
	A100	10	D-54617
		50	D-54798
	A120	10	D-54623
		50	D-54807
	A150	10	D-54639
		50	D-54813
	A180	10	D-54645
		50	D-54829
	A240	10	D-54651
		50	D-54835
	A320	10	D-54667
		50	D-54841

Disc dia. (mm)	Grit	Per pkg.	Part No.
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Pre-punched (15 hole) for Wood

For Model: BO6030, BO6040, BO6050

Disc dia. (mm)	Grit	Per pkg.	Part No.
150	A40	10	B-51415
	A60	10	B-51421
	A80	10	B-51437
	A100	10	B-51443
	A120	10	B-51459
	A180	10	B-51465
	A240	10	B-51471
	A320	10	B-51487
A400	10	B-51493	

Pre-punched (15 hole) for Paint

For Model: BO6030, BO6040, BO6050

\*Additional coat

Disc dia. (mm)	Grit	Per pkg.	Part No.
150	*A40	10	B-51502
	*A60	10	B-51518
	*A80	10	B-51524
	*A100	10	B-51530
	*A120	10	B-51546
	*A180	10	B-51552
	*A240	10	B-51568
	*A320	10	B-51574
*A400	10	B-51580	

Pre-punched (9 hole) for Dry wall

For Model: DSL800



\*Additional coat

Disc dia. (mm)	Grit	Per pkg.	Part No.
225	*A40	25	B-68389
	*A80	25	B-68395
	*A120	25	B-68404
	*A150	25	E-02375
	*A180	25	B-68410
	*A220	25	E-02381
*A320	25	B-68426	

**Abrasive Belt**



Sanding arm Assembly

For Model: 9032

6mm: 125157-7, 9mm: 125158-5, 13mm: 125159-3

Belt Size(mm)	Grit	Per pkg.	Part No.
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For Model: 9032

Belt Size(mm)	Grit	Per pkg.	Part No.
6 x 533	A40	10	A-34512
	A60	10	A-34528
	A80	10	A-34534
	A100	10	A-34540
	A120	10	A-34556
9 x 533	A40	10	A-34447
	A60	10	A-34453
	A80	10	A-34469
	A100	10	A-34475
	A120	10	A-34481
13 x 533	A40	10	A-34562
	A60	10	A-34578
	A80	10	A-34584
	A100	10	A-34590
	A120	10	A-34609

For Model: 9031

Belt Size(mm)	Grit	Per pkg.	Part No.
30x533	A40	5	D-67066
	A60	5	D-67072
	A80	5	D-67088
	A100	5	D-67094
	A120	5	D-67103
	A150	5	D-67119
	A180	5	D-67125
	A240	5	D-67131

Belt Size(mm)	Grit	Per pkg.	Part No.
For Model: 9910, 9911			
76 x 457	A40	3	D-59184
	A60	3	D-59190
	A80	3	D-59209
	A100	3	D-59215
	A120	3	D-59221
	A150	3	D-59237
	A180	3	D-59243
A240	3	D-59259	

For Model: 9902, 9903

76 x 533	A40	3	D-59265
	A60	3	D-59271
	A80	3	D-59287
	A100	3	D-59293
	A120	3	D-59302
	A150	3	D-59318
	A180	3	D-59324
	A240	3	D-59330
	WA40	10	794119-2
	WA60	10	794120-7
	WA80	10	794121-5
	WA100	10	794122-3
	WA120	10	794123-1
	WA150	10	794124-9
	WA180	10	794225-3
	WA240	10	794125-7

For Model: 9920, 9924DB

76 x 610	A40	3	D-67147
	A60	3	D-67153
	A80	3	D-67169
	A100	3	D-67175
	A120	3	D-67181
	A150	3	D-67197
	A180	3	D-67206
	A240	3	D-67212
	WA40	10	794237-6
	WA60	10	794238-4
	WA80	10	794239-2
	WA100	10	794240-7
	WA120	10	794241-5
	WA150	10	794242-3
	WA180	10	794243-1
	WA240	10	794244-9

For Model: 9401, 9402, 9403, 9404

100 x 610	A40	3	D-59346
	A60	3	D-59352
	A80	3	D-59368
	A100	3	D-59374
	A120	3	D-59380
	A150	3	D-59396
	A180	3	D-59405
	A240	3	D-59411
	WA40	5	794133-8
	WA60	5	794134-6
	WA80	5	794135-4
	WA100	5	794136-2
	WA120	5	794137-0
	WA150	5	794138-8
	WA180	5	794222-9
	WA240	5	794139-6

## Abrasive paper



\*Additional coat

Paper Size(mm)	Grit	Per pkg.	Part No.
Pre-punched			
For Model: BO3711, BO3710			
93 x 228	*WA60	10	A-31245
	*WA80	10	A-31251
	*WA120	10	A-31267
	*WA180	10	A-31273
	*WA240	10	A-31289
	A80	10	D-65252
	A100	10	D-65268
	A120	10	D-65274
	A180	10	D-65280
	A240	10	D-65296
	A320	10	D-65305

Pre-punched hook &amp; loop

For Model:

BO4555, BO4565

114 x 102	A40	10	D-58665
	A60	10	D-58671
	A80	10	D-58687
	A100	10	D-58693
	A120	10	D-58702
	A150	10	D-58718
	A180	10	D-58724
	A240	10	D-58730
	A320	10	D-58746

Pre-punched hook &amp; loop

For Model:

BO4510H, BO4558, BO4556, BO4555, BO4557

114 x 140	A80	10	D-65311
	A100	10	D-65327
	A120	10	D-65333
	A180	10	D-65349
	A240	10	D-65355
	A320	10	D-65361

Pre-punched hook &amp; loop

For Model:

BO4900, BO4900V, BO4901, 9046

115 x 232	*WA60	5	A-14130
	*WA80	5	A-14146
	*WA100	5	A-14152
	*WA120	5	A-14168
	*WA150	5	A-14174
	*WA180	5	A-14180
	*WA240	5	A-14196

Pre-punched

For Model:

BO4900, BO4900V, BO4901, 9046

115 x 280	*WA60	10	A-14065
	*WA80	10	A-14071
	*WA100	10	A-14087
	*WA120	10	A-14093
	*WA150	10	A-14102
	*WA180	10	A-14118
	*WA240	10	A-14124

**Abrasive paper 230mm x 280mm (9" x 11")**

**How to use**



1/2 sheet



BO4900 etc

1/3 sheet



BO3710 etc

1/4 sheet



BO4555 etc

**Steared aluminum oxide Abrasive paper (9" x 11")**

Two-star range



Multipurpose

For Model:

All Finishing Sander, Handuse

Paper Size(mm)	Grit	Per pkg.	Part No.
230 x 280	80	100	D-60698
	100	100	D-60707
	120	100	D-60713
	150	100	D-60729
	180	100	D-60735
	220	100	D-60741
	240	100	D-60757
	280	100	D-60763
	320	100	D-60779
	360	100	D-60785
	400	100	D-60791
	500	100	D-60800
	600	100	D-60816
	800	100	D-60822
	80	10	D-66086
	100	10	D-66092
	120	10	D-66101
	150	10	D-66117
	180	10	D-66123
	220	10	D-66139
240	10	D-66145	

Coated Abrasive

**Abrasive paper (9" x 11")**

One-star range



for Wood

For Model:

All Finishing Sander, Handsanding

Paper Size(mm)	Grit	Per pkg.	Part No.
230 x 280	40	50	D-51683
	60	50	D-51699
	80	50	D-51708
	100	50	D-51714
	120	50	D-51720
	150	50	D-51736
	180	50	D-51742
	240	50	D-51758
	320	50	D-56873
	400	50	D-56889
	40	10	D-66313
	60	10	D-66329
	80	10	D-66335
	100	10	D-66341
	120	10	D-66357
	150	10	D-66363
	180	10	D-66379
	240	10	D-66385
	320	10	D-66391
	400	10	D-66400

for Mortar

For Model:

All Finishing Sander, Handsanding

Paper Size(mm)	Grit	Per pkg.	Part No.
230 x 280	60	50	D-56530
	80	50	D-56546
	100	50	D-56552
	120	50	D-56568
	150	50	D-56574
	180	50	D-56580
	240	50	D-56596
	60	10	D-66416
	80	10	D-66422
	100	10	D-66438
	120	10	D-66444
	150	10	D-66450
	180	10	D-66466
	240	10	D-66472

for Metal

For Model:

All Finishing Sander, Handsanding

Paper Size(mm)	Grit	Per pkg.	Part No.
230 x 280	36	50	D-56677
	40	50	D-56683
	60	50	D-56699
	80	50	D-56708
	100	50	D-56714
	120	50	D-56720
	150	50	D-56736
	180	50	D-56742
	240	50	D-56758
	36	10	D-66488
	40	10	D-66494
	60	10	D-66503
	80	10	D-66519
	100	10	D-66525
	120	10	D-66531
	150	10	D-66547
	180	10	D-66553
	240	10	D-66569



### Waterproof Abrasive paper (9" x 11")

One-star range



For Model:

All Finishing Sander, Hand sanding

In case of these items are used with power tools, dry use only.

Paper Size(mm)	Grit	Per pkg.	Part No.
230 x 280	60	50	D-58936
	80	50	D-58942
	100	50	D-58958
	120	50	D-58964
	150	50	D-58970
	180	50	D-58986
	220	50	D-58992
	280	50	D-59003
	320	50	D-59019
	400	50	D-59025
	600	50	D-59031
	800	50	D-59047
	1000	50	D-59053
	1200	50	D-56867
	1500	50	D-59069
	2000	50	D-59075
	60	10	D-66151
	80	10	D-66167
	100	10	D-66173
	120	10	D-66189
150	10	D-66195	
180	10	D-66204	
220	10	D-66210	
280	10	D-66226	
320	10	D-66232	
400	10	D-66248	
600	10	D-66254	
800	10	D-66260	
1000	10	D-66276	
1200	10	D-66282	
1500	10	D-66298	
2000	10	D-66307	

### Wool Pad

(hook & loop type)

(For high gloss polishing)



\*When use 100mm size wool pad, use suitable pad for PO5000C

Model No.	Disc dia. (mm)	Part No.
PO5000C	100	197918-5
PO5000C,DPO500	100	D-67000
PO5000C	125	197920-8
BO5030,BO5031,BO5041,BO5031,PO5000C,DPO500	125	D-70867
BO6030, BO6050, PO6000C	150	794619-2
BO6030, BO6050, PO6000C,DPO600	150	D-65735
DBO180, DBO140, BO5031, BO5041	140	794560-9
9227C/B, 9237C/CB, PV7001/C, PV7000C	180	192629-7

(Use with Backing pad and Sleeve18)

### Wool bonnet



Model No.	Size (mm)	Part No.
PV7001C, PV7000C, 9207SPB, 9218PB/L, 9227C/B	180	794176-0

### Wool bonnet double side



Model No.	Size (mm)	Type	Part No.
PV7001C, PV7000C, 9227C/B, 9237C/B, SA7000C	230	For Rough finishing	D-70873
PV7001C, PV7000C, 9227C/B, 9237C/B, SA7000C	230	For Bright finishing	D-70889

### Adapter for Wool Bonnet Double Side



Model No.	Shank Size	Part No.
PV7001C, PV7000C, 9227C/B, 9237C/B,SA7000C	M14	D-56960
PV7000C, 9227C/B, 9237C/B	M16	D-57043
PV7000C, 9227C, 9237C, SA7000C	5/8"-11	D-57087

### Felt Pad

(hook & loop type)

(For removing wax)



\*When use 100mm size felt pad, use suitable pad for PO5000C

Model No.	Disc dia. (mm)	Part No.
PO5000C	100	197916-9
DBO180, DBO140, BO5031, BO5041, DPO500, DPO600, PO5000C	125	196152-4
BO6030, BO6050, DPO500, DPO600, PO6000C	150	193288-0

### Sponge pad

(Hook & loop type)



\*When use 100mm size sponge, use suitable pad for PO5000C

Model No.	Size (mm)	Part No.
DPO500, DPO600, PO5000C, PO6000C	100	197912-7
DBO180, DBO140, BO5031, BO5041, DPO500, PO5000C	125	794558-6
BO6030, DPO600, PO6000C, BO6050	150	197914-3
9227C/CB, 9237C/CB, PV7001/C, PV7000C	190	193470-1

(Use with Backing pad)

**Sponge pad**

(Hook & loop type)



**Color & Application**

**Coarse**

Color: Orange

Use: Suitable for taking small scratches



**Middle**

Color: Blue

Use: Suitable for finishing



**Fine**

Color: Black

Use: Suitable for wax coating



**Sponge type**

Flat

Feature: Full contact surface

Use: Suitable for large, flat, panel



Wave

Feature: Air flow between the pad and the paint.

Use: Suitable for bumper made with resin.



For Model :  
DPO500, DPO600, PO5000C, PO6000C

\*When use 100mm size sponge, use suitable pad for PO5000C

Type	Size	Application	Part No.
Flat	100mm	Coarse (Orange)	D-62505
		Middle (Blue)	D-62533
		Fine (Black)	D-62561
	125mm	Coarse (Orange)	D-62511
		Middle (Blue)	D-62549
		Fine (Black)	D-62577
	150mm	Coarse (Orange)	D-62527
		Middle (Blue)	D-62555
		Fine (Black)	D-62583
Wave	100mm	Coarse (Orange)	D-62599
		Middle (Blue)	D-62620
		Fine (Black)	D-62658
	125mm	Coarse (Orange)	D-62608
		Middle (Blue)	D-62636
		Fine (Black)	D-62664
	150mm	Coarse (Orange)	D-62614
		Middle (Blue)	D-62642
		Fine (Black)	D-62670

**Rubber pad**

Use with pre-punched abrasive disc.



Model No.	Size	Type	Part No.
BO6050	150mm	Hard (For coarse sanding)	197315-5
	150mm	Soft (For general sanding)	197314-7
	150mm	Super Soft (For fine sanding)	197316-3
	130mm	Hard (For polishing)	197317-1
BO5030, BO5031, BO5040, BO5041	123mm	-	743081-8
DPO500, DPO600, PO5000C, PO6000C	100mm		197926-6
	125mm		197923-2
	150mm		197929-0

**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

**100mm Diamond polishing pad**

(Hook & loop type)

8 pads assortment (1 each) D-15805



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



Pointed teeth



Japan teeth

# Multi Tool

## Color coding for application



Metal

Wood &  
Metal

Wood

Grout  
AbrasiveMulti  
Material

Rating Suitability for application:

AA = Especially Suitable

A = Suitable

n. r = No Rating

Width (mm)	Teeth per inch	Blade Material	Curve Teeth	Japan Teeth	Wood & Metal								
					Wood				Metal				
					Wood	Plywood	Chipboard	Plaster board	Non ferrous metal	Sheet metal	Stainless	Soft nail	

### Sawing

TMA045	85	18	BiM			AA	AA	AA	A	AA	A	n. r	AA
TMA046	100	15	BiM			AA	AA	AA	A	A	n. r	n. r	n. r
TMA049	85	18	HCS			A	A	n. r	n. r	n. r	n. r	n. r	n. r
TMA064	85	18	BiM			AA	AA	AA	AA	AA	A	n. r	AA

### Plung Cutting

TMA047	32	20	BiM	●		AA	AA	AA	A	A	AA	n. r	AA
TMA048	65	20	BiM	●		AA	AA	AA	AA	A	A	n. r	AA
TMA050	24	18	HCS			A	A	A	n. r	n. r	n. r	n. r	n. r
TMA051	32	18	HCS	●		A	A	A	n. r	n. r	n. r	n. r	n. r
TMA052	65	20	HCS	●		A	A	A	n. r	n. r	n. r	n. r	n. r
TMA053	32	14	BiM	●	●	AA	AA	AA	A	n. r	n. r	n. r	n. r
TMA054	32	14	HCS	●	●	A	A	n. r	n. r	n. r	n. r	n. r	n. r
TMA055	65	14	BiM	●	●	AA	AA	AA	A	n. r	n. r	n. r	n. r
TMA056	65	14	HCS	●	●	A	A	n. r	n. r	n. r	n. r	n. r	n. r
TMA057	10	20	BiM			AA	AA	AA	AA	AA	AA	n. r	AA
TMA058	20	20	BiM			AA	AA	AA	AA	AA	AA	n. r	AA
TMA059	32	20	BiM			A	A	A	AA	AA	AA	n. r	AA
TMA060	20	23	TC			A	A	A	AA	AA	AA	n. r	AA
TMA061	32	23	TC			A	A	A	AA	AA	AA	AA	AA
TMA079	45	23	TC			A	A	A	AA	AA	A	A	A
TMA080	32	20	TC	●		A	A	A	AA	AA	A	A	A
TMA081	53	14	BiM	●		n. r	A	AA	AA	n. r	n. r	n. r	A

### Scraping

TMA065	52	-	HCS			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA066	52	-	HCS			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r

### Cutting

TMA063	100	-	BiM			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA067	28	-	HCS			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA082	12	-	Stainless			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA068	11	-	HCS			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA070	85	-	Diamond			n. r	n. r	n. r	A	n. r	n. r	n. r	n. r

### Removing

TMA074	70	-	TC #40			n. r	n. r	n. r	A	n. r	n. r	n. r	n. r
TMA076	32	-	TC #40			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA077	32	-	TC #100			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r

### Routing

TMA069	85	-	TC #30			n. r	n. r	n. r	A	n. r	n. r	n. r	n. r
TMA071	70	-	TC #50			n. r	n. r	n. r	A	n. r	n. r	n. r	n. r
TMA072	85	-	TC #40			n. r	n. r	n. r	A	n. r	n. r	n. r	n. r
TMA074	70	-	TC #40			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA075	32	-	TC #50			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r

### Sanding

TMA073	78	-	TC #20			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA076	32	-	TC #40			AA	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA077	32	-	TC #100			AA	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA083	90	-	TC #20			A	A	A	n. r	n. r	n. r	n. r	n. r
TMA084	90	-	TC #40			A	A	A	n. r	n. r	n. r	n. r	n. r
TMA085	90	-	TC #60			AA	AA	AA	n. r	n. r	n. r	n. r	n. r
TMA086	90	-	TC #100			AA	AA	AA	n. r	n. r	n. r	n. r	n. r



Rating Suitability for application:

AA = Especially Suitable

A = Suitable

n. r = No Rating

	Width (mm)	Teeth per inch	Blade Material	Curve Teeth	Japan Teeth	Multi Material					Grout Abrasive		
						Epoxy, Fiber glass	Linoleum Carpet	Carpet adhesive	Insulation material	Soft joint material	Porous Concrete Soft brick	Soft wall tiles	Mortar Tile adhesive

### Sawing

TMA045	85	18	BiM			A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA046	100	15	BiM			A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA049	85	18	HCS			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA064	85	18	BiM			AA	n. r	n. r	n. r	n. r	n. r	n. r	n. r

### Plung Cutting

TMA047	32	20	BiM	●		A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA048	65	20	BiM	●		A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA050	24	18	HCS			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA051	32	18	HCS	●		n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA052	65	20	HCS	●		n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA053	32	14	BiM	●	●	A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA054	32	14	HCS	●	●	n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA055	65	14	BiM	●	●	A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA056	65	14	HCS	●	●	n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA057	10	20	BiM			A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA058	20	20	BiM			A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA059	32	20	BiM			A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA060	20	23	TC			AA	n. r	n. r	n. r	n. r	AA	n. r	n. r
TMA061	32	23	TC			AA	n. r	n. r	n. r	n. r	AA	n. r	n. r
TMA079	45	23	TC			A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA080	32	20	TC	●		A	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA081	53	14	BiM	●		n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r

### Scraping

TMA065	52	-	HCS			n. r	n. r	AA	n. r	n. r	n. r	n. r	A
TMA066	52	-	HCS			n. r	n. r	AA	n. r	n. r	n. r	n. r	n. r

### Cutting

TMA063	100	-	BiM			n. r	AA	n. r	AA	n. r	n. r	n. r	n. r
TMA067	28	-	HCS			n. r	n. r	n. r	n. r	AA	n. r	n. r	n. r
TMA082	12	-	Stainless			n. r	n. r	n. r	n. r	AA	n. r	n. r	n. r
TMA068	11	-	HCS			n. r	AA	n. r	AA	n. r	n. r	n. r	n. r
TMA070	85	-	Diamond			AA	n. r	n. r	n. r	AA	n. r	AA	n. r

### Removing

TMA074	70	-	TC #40			AA	n. r	A	n. r	n. r	n. r	n. r	AA
TMA076	32	-	TC #40			n. r	n. r	A	n. r	n. r	n. r	n. r	A
TMA077	32	-	TC #100			n. r	n. r	A	n. r	n. r	n. r	n. r	A

### Routing

TMA069	85	-	TC #30			AA	n. r	n. r	n. r	AA	n. r	AA	n. r
TMA071	70	-	TC #50			AA	n. r	n. r	n. r	n. r	AA	A	n. r
TMA072	85	-	TC #40			A	n. r	n. r	n. r	n. r	AA	A	n. r
TMA074	70	-	TC #40			n. r	n. r	n. r	n. r	AA	n. r	AA	n. r
TMA075	32	-	TC #50			AA	n. r	n. r	n. r	n. r	AA	A	AA

### Sanding

TMA073	78	-	TC #20			n. r	n. r	n. r	n. r	n. r	n. r	n. r	AA
TMA076	32	-	TC #40			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA077	32	-	TC #100			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA083	90	-	TC #20			n. r	n. r	n. r	n. r	n. r	n. r	n. r	AA
TMA084	90	-	TC #40			n. r	n. r	n. r	n. r	n. r	n. r	n. r	AA
TMA085	90	-	TC #60			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r
TMA086	90	-	TC #100			n. r	n. r	n. r	n. r	n. r	n. r	n. r	n. r





## Sawing

For Model:  
DTM51, DTM50, DTM41, DTM40, TM3010C, TM3000C  
Size: W= width (mm), L=length (mm)



## Segment saw blade 85

TMA045



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	Per pkg.	Part No.
85	BiM, Wood&Metal	1	B-64799

## Segment saw blade 100

TMA046



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	Per pkg.	Part No.
100	BiM, Wood&Metal	1	B-64808

## Segment saw blade 85

TMA049



Application/ Recommended Use  
Wood/ Suitable for flush cutting  
Plunge-cut in solid wood  
Cut-off plastic pipe(PVC) to length

Diameter (mm)	Type	Per pkg.	Part No.
85	HCS, Wood	1	B-64836

## Segment saw blade 85

TMA064



Application/ Recommended Use  
Non-ferrous metal, FRP, PVC / Suitable for corners.  
Plunge cut in plasterboard or cement-bonded fiber boards  
Cut-off smaller mouldings to length  
Cutting recesses in epoxy/glass fiber reinforced plastic

Diameter (mm)	Type	Per pkg.	Part No.
85	BiM-TiN, Multi Material	1	B-64973

## Plung-cutting saw blades



## Bow Shape plunge cut saw blade 32

TMA047



Application/ Recommended Use  
Wood and Metal / Suitable for Precisely plunge cut  
Plunge cut in hardwood

Size (mm)	Type	Per pkg.	Part No.
32 x 50	BiM, Wood&Metal	1	B-64814
32 x 50	BiM, Wood&Metal	5	B-64814-5
32 x 50	BiM, Wood&Metal	20	B-64814-20

## Bow Shape plunge cut saw blade 65

TMA048



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	Per pkg.	Part No.
65 x 40	BiM, Wood&Metal	1	B-64820
65 x 40	BiM, Wood&Metal	5	B-64820-5

## Plunge cut saw blade 24

TMA050



Application/ Recommended Use  
Wood  
Plunge-cut in softwood  
Cutting a recess in furniture components  
Flush cutting wooden components to length

Size (mm)	Type	Per pkg.	Part No.
24 x 50	HCS, Wood	1	B-64842

## Bow Shape plunge cut saw blade 32

TMA051



Application/ Recommended Use  
Wood/ Suitable for Precisely plunge cut  
Cutting a recess in furniture components  
Plunge-cut in softwood

Size (mm)	Type	Per pkg.	Part No.
32 x 50	HCS, Wood	1	B-64858
32 x 50	HCS, Wood	5	B-64858-5
32 x 50	HCS, Wood	20	B-64858-20

## Bow Shape plunge cut saw blade 65

TMA052



Application/ Recommended Use  
Wood/ Suitable for plunge cutting  
Flush cutting wooden components

Size (mm)	Type	Per pkg.	Part No.
65 x 40	HCS, Wood	1	B-64864
65 x 40	HCS, Wood	5	B-64864-5

**Bow Shape plunge cut saw blade 32**

TMA053



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	Per pkg.	Part No.
32 x 50	BiM, Wood	1	B-64870
32 x 50	BiM, Wood	20	B-64870-20

**Bow Shape plunge cut saw blade 32**

TMA054



Application/ Recommended Use  
 Wood/ Suitable for Precisely plunge cut  
 Cutting a recess in furniture components

Size (mm)	Type	Per pkg.	Part No.
32 x 50	HCS, Wood	1	B-64886
32 x 50	HCS, Wood	5	B-64886-5

**Bow Shape plunge cut saw blade 65**

TMA055



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	Per pkg.	Part No.
65 x 40	BiM, Wood	1	B-64892
65 x 40	BiM, Wood	5	B-64892-5

**Bow Shape plunge cut saw blade 65**

TMA056



Application/ Recommended Use  
 Wood/ Suitable for plunge cutting  
 Cutting a recess in furniture components  
 Flush cutting wooden components

Size (mm)	Type	Per pkg.	Part No.
65 x 40	HCS, Wood	1	B-64901
65 x 40	HCS, Wood	5	B-64901-5

**Plunge cut saw blade 10**

TMA057

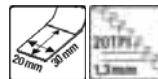


Application/ Recommended Use  
 Metal/ Suitable for flush cutting in nails or plasterboard  
 Filigree adjustment work on non-ferrous profiles  
 Plunge cuts in plasterboard

Size (mm)	Type	Per pkg.	Part No.
10 x 30	BiM, Metal	1	B-64917

**Plunge cut saw blade 20**

TMA058



Application/ Recommended Use  
 Metal/ Suitable for flush cutting in nails or copper pipe  
 Plunge cuts in plasterboard

Size (mm)	Type	Per pkg.	Part No.
20 x 30	BiM, Metal	1	B-64923
20 x 30	BiM, Metal	5	B-64923-5

**Plunge cut saw blade 32**

TMA059



Application/ Recommended Use  
 Metal/ Suitable for flush cutting in nails or copper pipe  
 Plunge cuts in plasterboard

Size (mm)	Type	Per pkg.	Part No.
32 x 50	BiM, Metal	1	B-64939
32 x 50	BiM, Metal	5	B-64939-5

**TC Bar plunge cut saw blade 20**

TMA060



Application/ Recommended Use  
 Metal/ Suitable for flush cutting in hardened screws and nails  
 Cutting stainless, aluminum, fiberglass, plasterboard

Size (mm)	Type	Per pkg.	Part No.
20 x 40	TC/HM, Metal	1	B-64945
20 x 40	TC/HM, Metal	5	B-64945-5

**TC Bar plunge cut saw blade 32**

TMA061



Application/ Recommended Use  
 Metal/ Suitable for flush cutting in hardened screws and nails  
 Cutting stainless, aluminum, fiberglass, plasterboard

Size (mm)	Type	Per pkg.	Part No.
32 x 40	TC/HM, Metal	1	B-64951
32 x 40	TC/HM, Metal	5	B-64951-5

**TC Bar plunge cut saw blade 45**

TMA079



Application/ Recommended Use  
 Metal/ Suitable for flush cutting in hardened screws and nails  
 Cutting stainless, aluminum, fiberglass, plasterboard

Size (mm)	Type	Per pkg.	Part No.
45 x 40	TC/HM, Metal	1	B-69755

**TC Bar Bow Shape plunge cut saw blade 32**

TMA080



Application/ Recommended Use  
Multi material/ Suitable for precisely plunge cut  
Plunge cut plasterboard, fiberglass, epoxy, aluminum, stainless

Size (mm)	Type	Per pkg.	Part No.
32 x 40	TC/HM, Multi Material	1	B-69761

**Bow Shape plunge cut saw blade 53**

TMA081



Application/ Recommended Use  
Multi material/ Suitable for precisely and fast plunge cut in plasterboard  
1 Blade does the job of 2 (Plunge & Cut on). Cutting plasterboard, wood, epoxy

Size (mm)	Type	Per pkg.	Part No.
53 x 40	BiM, Multi Material	1	B-69777

**Scraping****Scraper 52 Rigid**

TMA065



Application/ Recommended Use  
Removing mortar or tile adhesive  
Removing mortar and concrete residues  
Removing hard, brittle carpet adhesive residues

Size (mm)	Type	Per pkg.	Part No.
52 x 26	HCS	1	B-64989

**Scraper 52 Flexible**

TMA066



Application/ Recommended Use  
Removing soft carpet adhesive residues  
Removing paint residues  
Removing silicone joints

Size (mm)	Type	Per pkg.	Part No.
52 x 40	HCS	1	B-64995

**Cutting****Serrated Seg Blade 100**

TMA063



Application/ Recommended Use  
Polystyrene, Rubber/ Suitable for insulation material  
Flush cutting to length of protruding insulation material, especially polystyrene  
Cut-out insulation panels to size  
Cut soft materials ( cardboard, carpet, leather...)

Diameter (mm)	Type	Per pkg.	Part No.
100	BiM	1	B-64967

**General Joint Cutter**

TMA067



Application/ Recommended Use  
Cutting soft expansion joints  
Cutting window putty  
Cutting insulation materials

Size (mm)	Type	Per pkg.	Part No.
28 x 40	HCS	1	B-65006
28 x 40	HCS	5	B-65006-5

**Universal purpose knife**

TMA082



Application/ Recommended Use  
Cutting teaksealant, caulking material

Size (mm)	Type	Per pkg.	Part No.
12 x 29	Stainless	1	B-69783

**Universal purpose knife**

TMA068



Application/ Recommended Use  
Cutting insulation materials  
Cutting window putty  
Cutting expansion joints

Size (mm)	Type	Per pkg.	Part No.
11 x 24	HCS	1	B-65012

**Routing and Rasing**



**TC Remover**

TMA074



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 carbide tip

Size (mm)	Type	Per pkg.	Part No.
70	TC/HM grit #40	1	B-65078

**TC Plunge Blade 32**

TMA075



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	Per pkg.	Part No.
32 x 30	TC/HM grit #50	1	B-65084

**TC Sanding Pointer 32**

TMA076



Application/ Recommended Use  
 Sanding paint in tight gap  
 Sanding parquet varnish in hard-to-reach areas  
 Sanding wood, wood-plastic composite and epoxy

Size (mm)	Type	Per pkg.	Part No.
32 x 50	TC/HM grit #40	1	B-65090

**TC Sanding Pointer 32**

TMA077



Application/ Recommended Use  
 Sanding paint in tight gap  
 Sanding parquet varnish in hard-to-reach areas  
 Sanding wood, wood-plastic composite and epoxy

Diameter (mm)	Type	Per pkg.	Part No.
32 x 50	TC/HM grit #100	1	B-65109

**TC Seg Saw Blade 85**

TMA069



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	Per pkg.	Part No.
85	TC/HM grit #30	1	B-65028

**TC Seg Saw Blade 70**

TMA071



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	Per pkg.	Part No.
70	TC/HM grit #50	1	B-65040

**TC Seg Saw Blade 85**

TMA072



Application/ Recommended Use  
 Routing joints on floor and wall tiles  
 Routing smaller cut outs in soft wall tiles  
 Routing grooves in porous concrete

Diameter (mm)	Type	Per pkg.	Part No.
85	TC/HM grit #40	1	B-65056

**Diamond Seg Saw blade**



**Diamond Seg Saw blade 85**

TMA070



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	Per pkg.	Part No.
85	Diamond grit #40	1	B-65034

**Riff sanding**



**TC Sanding Plate 78**

TMA073



Application/ Recommended Use  
 Removing mortar or tile adhesive  
 Removing carpet adhesive residues from a mineral surface

Size (mm)	Type	Per pkg.	Part No.
78	TC/HM grit #20	1	B-65062



**TC Sanding Plate 90**

TMA083



Application/ Recommended Use  
 Removing mortar, tile adhesive, paint on fiberglass  
 Removing carpet adhesive residues from a mineral surface

Size (mm)	Type	Per pkg.	Part No.
90	TC/HM grit #20	1	B-69799

**TC Sanding Plate 90**

TMA084



Application/ Recommended Use  
 Sanding in wood with paint, paint of fiberglass  
 Removing mortar, tile adhesive, carpet adhesive residues from a mineral surface

Size (mm)	Type	Per pkg.	Part No.
90	TC/HM grit #40	1	B-69808

**TC Sanding Plate 90**

TMA085



Application/ Recommended Use  
 Sanding in wood, wood with paint roughly

Size (mm)	Type	Per pkg.	Part No.
90	TC/HM grit #60	1	B-69814

**TC Sanding Plate 90**

TMA086



Application/ Recommended Use  
 Sanding in wood for fine surfaces

Size (mm)	Type	Per pkg.	Part No.
90	TC/HM grit #100	1	B-69820

**Sanding pad**

TMA078



Size (mm)	Type	Per pkg.	Part No.
93	hook & loop	1	B-65115

**Multi tool Starlock blade sets (with Tool box)**

The components of each set are packed in tool box complete.  
 Tool box can insert to the plastic case of TM3010C, DTM51 and DTM41.



Set contents	Part No.
TMA045, TMA047, TMA053, TMA058, TMA078	199542-0

**Multi tool Starlock blade sets**

**Tile Set**

TMA058 Plunge cut saw blade 20  
 TMA065 Scraper 52 rigid  
 TMA069 HM Seg saw blade 85  
 TMA073 HM Sanding plate 78



Part No.
B-67496

**Floor Set**

TMA045 Segment saw blade 85  
 TMA048 Plunge cut saw blade 65  
 TMA051 Plunge cut saw blade 32  
 TMA066 Scraper 52 Flexible



Part No.
B-67505

**Plunge Cut Set**

TMA045 Segment saw blade 85  
 TMA047 Plunge cut saw blade 32  
 TMA053 Bow plunge cut saw blade 32  
 TMA058 Plunge cut saw blade 20



Part No.
B-67480

**Carpentry Set**

TMA045 Segment saw blade 85  
 TMA047 Plunge cut saw blade 32  
 TMA053 Bow plunge cut saw blade 32  
 Sanding Pad x 2pcs



Part No.
B-67511



## Abrasive delta paper

Use with Sanding pad (B-65115)  
(hook & loop type)

### Wood / long-life



Suitable for sanding wood, hard wood, chipboard, construction boards and metal

Paper Size (mm)	Grit	per pkg.	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.	Part No.
94	60	10	B-21624
94	80	10	B-21630
94	100	10	B-22947
94	120	10	B-21646
94	150	10	B-22953
94	180	10	B-21652
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

### Wood/ economy type



Suitable for sanding wood, wooden materials and metal

Paper Size (mm)	Grit	per pkg.	Part No.
94	40	10	D-58578
94	60	10	D-58584
94	80	10	D-58590
94	100	10	D-58609
94	120	10	D-58615
94	150	10	D-58621
94	180	10	D-58637
94	240	10	D-58643
94	320	10	D-58659

### Paint



Suitable for sanding paint, varnish or roughcast

Paper Size (mm)	Grit	per pkg.	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.	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

## Polishing fleece



Suitable for removing the rust of metal and the dirt of wood

Paper Size (mm)	Grit	per pkg.	Part No.
94	Coarse / 100	1	B-21808
94	Medium / 280	1	B-21799
94	without grit	1	B-21814

## Polishing felt



Suitable for pre-polishing very dirty or scratched surfaces

Paper Size (mm)	Grit	per pkg.	Part No.
94	Hard	1	B-21820

### 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	Metal	Steel (mild steel / carbon steel)	Stone	Marble	Granite	Glass	Perspex	Corian®	Glass fiber reinforced plastics	
Wood / long-life	Coarse	60	n.r	n.r	n.r	n.r	AA	AA	AA	AA	AA	AA	A	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r
		80																			
	Medium	100																			
		120																			
	Fine	180																			
240																					
Wood	Coarse	60	n.r	n.r	n.r	n.r	AA	A	AA	AA	AA	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r
		80																			
	Medium	100																			
		120																			
	Fine	150																			
180																					
Paint	Coarse	60	AA	AA	AA	AA	n.r	n.r	A	n.r	n.r	A	A	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r
		80																			
	Medium	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	A	A	A	A	A	A	A	A
		240																			
	Fine	400																			
		600																			
	Very fine	1200																			

Economy type

Wood	Coarse	40	A	A	n.r	n.r	AA	AA	AA	AA	A	A	A	n.r	n.r	n.r	n.r	n.r	n.r	n.r	n.r
		60																			
		80																			
	Medium	100																			
		120																			
		150																			
	Fine	180																			
		240																			
		320																			

# ACCESSORIES

## ▣ Diamond



Thread / Dia



Dia / Bore



Max speed



Wet



Dry



Not permitted for face grinding

# Accessories

## Diamond Wheels



### Segmented Type:

Most commonly used. Blade has slits and layers of diamond are sintered on edges. Cut faster than continuous rim type and attain average cutting surface.



### 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 segmented type wheel.

## SPECIALIZED



### Electrodeposited Type:

Diamonds are electrodeposited and has more exposure than bonded type. Cuts faster and more efficient.



### Vacuum brazed Type:

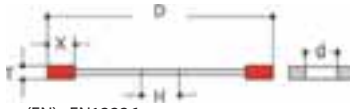
Diamonds are vacuum brazed and has more exposure than bonded type. Able to cut harder material. It is longer life than electrodeposited type because diamonds are held tightly.



### Crack Chaser:

Blade is thicker than regular blades. Designed for repair the wall easily.

### Diamond Wheel



(EN) : EN13236

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	



## Diamond Wheel for Concrete




### Segmented

Four-star range




<Ideal for Concrete, Granite / Dry>

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	115	1.6	7	22.23	-	Blue	AA	AA	AA	A				115mm Grinder	B-53780(EN)
	125	1.6	7	22.23	-	Blue	AA	AA	AA	A				125mm Grinder	B-53796(EN)

Three-star range



<Ideal for Concrete / Dry>


Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	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	
	125	2	7	22.23	5/8"	Blue	AA	AA	A	A			5005BA, 125mm Grinder	A-07331	
	105	2	10	20	16	Gold	AA	AA	A	A	A		100mm Grinder, 110mm Cutter	B-39198	
	180	2	6.5	25.4	22	Gold	AA	AA	A				180mm Grinder, 180mm Cutter	A-87155	
	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>

Laser welded / EN standard conformity


	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


	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>

Long life

	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	
														D-37552-10	
	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
															D-37574-10
	230	2.6	7	22.23	-	Gold	AA	AA	A					230mm Grinder	D-37580
D-37580-10															


Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
<b>One-star range</b>															
★															
<Ideal for Concrete / Dry >															
	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 >


Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	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		115mm Grinder	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


	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

	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 >


	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 >


Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	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>

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	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>

	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>

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	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

Two-star range



<Ideal for Granite / Dry>


	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-63688 <Dry/Wet>

	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
	105	2	8	20	16	Silver	AA	A	AA	A				100mm Grinder, 110mm Cutter	D-63688

**Corrugated**

Three-star range



<Ideal for Granite / Dry>

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	125	2	7	22.23	20	Blue	AA	AA	AA	A	A			125mm Grinder, 125mm Cutter	A-02761

Three-star range



<Ideal for Granite / Dry>

EN standard conformity

	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)

Three-star range



<Wet>

EN standard conformity

	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>



	110	2.5	7	20	-	Gold		A	AA	A				110mm Cutter	D-36968
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Two-star range



<Ideal for Granite / Dry>

EN standard conformity

	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>

	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>

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	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

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		

**One-star range**

&lt;Ideal for Concrete, Granite/ Dry&gt;


	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



&lt;Ideal for Hard material / Dry &gt;

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.	
							1	2	3	4	5	6	7			
	80	1.4	5	20	-	Blue	AA	AA	AA	AA			AA		4103KB	A-01264


**Diamond Wheel for Tile****Corrugated**

Four-star range



&lt;Ideal for Porcelain Tile / Dry&gt;


Thin type

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	105	1.4	10	22.23	16	Blue		A	A	AA		AA		100mm Grinder	B-49030(EN)
	115	1.4	10	22.23	-	Blue		A	A	AA		AA		115mm Grinder	B-46327(EN)
	125	1.4	10	22.23	-	Blue		A	A	AA		AA		125mm Grinder	B-46333(EN)

**Three-star range**

&lt;Ideal for Porcelain Tile / Dry&gt;

Thin type


	110	1.3	8	20	16	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



&lt;Wet&gt;

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	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



Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		

**Three-star range**




<Wet>

	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>

	110	1.7	8	20	-	Violet						AA		110mm Cutter, 4100NH2	D-37770
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**Two-star range**



<Dry>

	115	1.4	10	22.23	-	Violet						AA		115mm Grinder	D-65109
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**One-star range**



<Ideal for celamic tile / Wet>

	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>


Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	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)

**Continuous rim**

Three-star range



<Ideal for Bulletproof Glass / Wet>

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.
							1	2	3	4	5	6	7		
	110	1.2	5	20	-	Violet							AA	110mm Cutter, 4100NH2	D-40705

## Specialized / Electroplated Diamond Wheel

for Marble



\*D-45004 : Wet

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.	
							1	2	3	4	5	6	7			
	110	2	4.5	20	-	Green			AA						110mm Cutter	D-45004(EN)
	115	2	5	22.23	-	Green			AA						115mm Grinder	D-51085(EN)
	180	2.2	5	22.23	-	Green			AA						180mm Grinder	D-51091(EN)
	230	2.4	5	22.23	-	Green			AA						230mm Grinder	D-51100(EN)

## Specialized / Vacuum brazed Diamond Wheel

for Metal



Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.	
							1	2	3	4	5	6	7			
	100	1.3	1.5	16	-	Violet	-	-	-	-	-	-	-	-	100mm Grinder	B-53671(EN)
	115	1.3	1.5	22.23	-	Violet	-	-	-	-	-	-	-	-	115mm Grinder	B-53687(EN)
	125	1.3	1.5	22.23	-	Violet	-	-	-	-	-	-	-	-	125mm Grinder	B-53693(EN)
	180	1.3	1.5	22.23	-	Violet	-	-	-	-	-	-	-	-	180mm Grinder	B-53702(EN)
	230	1.3	1.5	22.23	-	Violet	-	-	-	-	-	-	-	-	230mm Grinder	B-53718(EN)

## Specialized / Vacuum brazed Rescue Diamond Wheel

Multi cut

Shape	D	T	X	H	d	Color	For Material							Model No.	Part No.	
							1	2	3	4	5	6	7			
	110	2	5.0	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
	100	2.8	4.0	16	-	Red	A	A	A	A	A	A	A		100mm Grinder	B-66933(EN)
	115	2.8	4.0	22.23	-	Red	A	A	A	A	A	A	A		115mm Grinder	B-55304(EN)
	125	2.8	4.0	22.23	-	Red	A	A	A	A	A	A	A		125mm Grinder	B-55310(EN)
	180	3.1		22.23		Red	A	A	A	A	A	A	A		180mm Grinder	B-66949(EN)
	230	3.1	4.0	22.23	-	Red	A	A	A	A	A	A	A		230mm Grinder	B-55326(EN)
	300	3.4	4.0	25.4	20	Red	A	A	A	A	A	A	A		305mm Power Cutter	B-55332(EN)
	350	3.4	4.0	25.4	20	Red	A	A	A	A	A	A	A		355mm Power Cutter	B-55348(EN)
405	3.6		25.4		Red	A	A	A	A	A	A	A		405mm Power Cutter	B-66955(EN)	

## Specialized / Tungsten Carbide Grit Blade



Application	D	T	X	H	d	Color	For Material							Model No.	Part No.	
							1	2	3	4	5	6	7			
PVC, Plaster board, Sanding board, Fiber material	115	2	-	22.23	-	Black	-	-	-	-	-	-	-	-	115mm Grinder	B-57716
PVC, Plaster board, Sanding board, Fiber material	125	2	-	22.23	-	Black	-	-	-	-	-	-	-	-	125mm Grinder	B-57722

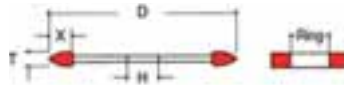
**Specialized / for Mortar raking**

For Joints



D	T	X	H	d	Color	For Material							Model No.	Part No.
						1	2	3	4	5	6	7		
125	4.5	8	22.23	-	Silver								125mm Grinder	A-02705(EN)

**Specialized / Crack Chaser**  
**Crack Chaser**



D	T	X	H	d	Color	For Material							Model No.	Part No.
						1	2	3	4	5	6	7		
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							Model No.	Part No.
							1	2	3	4	5	6	7		
High Grade / Continuous rim / Wet	80	0.8	4	15	-	Silver					AA	AA	4190DW, 4191DW	792296-4	
Standard / Continuous rim / Glass / Wet	85	0.9	4	15	-	Silver					AA	AA	CC300D	B-21082	
	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	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.	Part No.
							1	2	3	4	5	6	7		
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.	Part No.		
							1	2	3	4	5	6	7				
Standard / Segmented / Concrete / Dry	305	3	7.5	30	20, 22.23, 25.4	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.	Part No.		
							1	2	3	4	5	6	7				
Vacuum brazed / Metal	355	3.3	4	25.4	-	Violet										355mm Portable Cut-off	D-41414
Vacuum brazed / Metal / Speed type	355	3.3	4	25.4	-	Violet										355mm Portable Cut-off	B-29511

### Specialized / Wall Chaser Tools





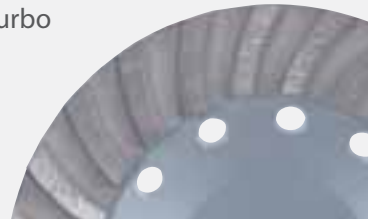



Application	D	T	X	H	d	Color	For Material							Model No.	Part No.	
							1	2	3	4	5	6	7			
Segmented / Dry	125	2	7.5	22.23	-	Blue		AA	AA	A	A				SG1251	A-80438(EN)
Segmented / Dry	155	2	7	22.23	-	Blue		AA	AA	A	A				SG150	A-83836





# Accessories





## Offset Diamond Wheels

<p>Single</p> 	<p><b>Rough work</b></p> <p>This wheel grind more efficiency. Faster than the wheel for standard work.</p>		
<p>Double</p> 	<p>Segmented</p> 	<p>Fan</p> 	<p><b>Standard work</b></p> <p>This wheel has a characteristic between Rough work offset diamond wheels and Fine work offset diamond wheels.</p>
<p>Turbo</p> 	<p>Rim</p> 	<p><b>Fine work</b></p> <p>This wheel is suitable for cleanup and finish work and chamfering works.</p>	

## SPECIALIZED

<p>PCD</p> 	<p><b>Removal of paint</b></p> <p>This wheel is suitable for removal of polyurethane, adhesive, paint, epoxy and acrylic coating. PCD is an abbreviations of "Polycrystalline Diamond". It is a kind of an artificial diamond and superior in hardness and durability.</p>
<p>Vacuum brazed</p> 	<p><b>For hard materials</b></p> <p>This wheel is suitable for hard materials. Diamonds are held tightly.</p>

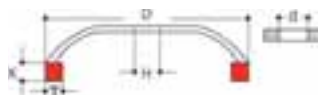
## Low Vibration Offset Diamond Wheel

	<p><b>Low Vibration</b></p> <p>The vibration is not conducted to the worker's hand and able to ease the load a lot!!</p> <p><b>Less Tapping</b></p> <p>Clinging to the material and able to cut smoothly, faster and more efficient.</p> <p><b>Low Vibration Type</b></p> <p><b>Normal</b>   <b>Low Vibration Type</b> </p>
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### Low Vibration Offset Diamond Wheel

Four-star range



AA: Specially suitable, A: Suitable  
(EN) : EN13236

Shape	Application	D	T	X	H	d	Color	For Material							For Model	Part No.
								1	2	3	4	5	6	7		

#### Rough work

Single type

	For coarse grinding work	125	8	5.5	M14	-	Gold	AA	AA	AA	A	A					125mm Grinder	B-48533(EN)
	For coarse grinding work	180	8	5	M14	-	Gold	AA	AA	AA	A	A					180mm Grinder	B-48599(EN)

#### Standard work

Double type

	For coarse grinding work, For removing point	125	8	5.5	M14	-	Gold	AA	AA	AA	A	A					125mm Grinder	B-48549(EN)
	For coarse grinding work, For removing point	180	8	5	M14	-	Gold	AA	AA	AA	A	A					180mm Grinder	B-48608(EN)

Segmeted type

	For coarse grinding work, For removing point	125	8	5.5	M14	-	Gold	AA	AA	AA	A	A					125mm Grinder	B-38560(EN)
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Fan type

	For coarse grinding work, For removing point	125	7	5.5	M14	-	Gold	AA	AA	AA	A	A					125mm Grinder	B-48555(EN)
	For coarse grinding work, For removing point	180	7	5	M14	-	Gold	AA	AA	AA	A	A					180mm Grinder	B-48614(EN)

#### Fine work

Turbo type

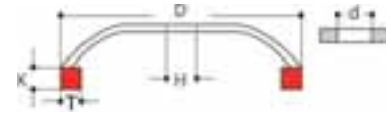
	For fine finishing	125	15	4.5	M14	-	Gold	AA	AA	AA	A	A					125mm Grinder	B-49993(EN)
	For fine finishing	180	20	5	M14	-	Gold	AA	AA	AA	A	A					180mm Grinder	B-48620(EN)

**Offset Diamond Wheel**

One-star to Three-star range



AA: Specially suitable, A: Suitable  
(EN) : EN13236



Shape	Range	Application	D	T	X	H	d	Color	For Material							For Model	Part No.
									1	2	3	4	5	6	7		

**Rough work**




Single type

	★	for Concrete	100	8	5	22.23	16	Silver	A	AA	A	A	A			100mm Grinder	D-62284
	★★★	For coarse grinding work	105	8	4	22.23	-	Silver	A	AA	A	A	A			115mm Grinder	B-14629
	★	for Concrete	115	8	5	22.23	-	Silver	A	AA	A	A	A			115mm Grinder	D-60676
	★	for Concrete	125	8	5	22.23	-	Silver	A	AA	A	A	A			PC5000, 5001C 125mm Grinder	D-60682
	★★★	For coarse grinding work	125	8	5.5	22.23	-	Silver	AA	AA	AA	A	A			PC5000, 5001C 125mm Grinder	B-48561(EN)
	★	for Concrete	180	8	5	22.23	-	Silver	A	AA	A	A	A			180mm Grinder	D-62290
	★★★	For coarse grinding work	180	8	5	22.23	-	Silver	AA	AA	AA	A	A			180mm Grinder	B-48636(EN)

**Standard work**

Double type



	★	for Concrete	100	8	5	22.23	16	Silver	AA	AA	AA	A	A			100mm Grinder	D-62309
	★	for Concrete	115	8	5	22.23	-	Silver	AA	AA	AA	A	A			115mm Grinder	D-62315
	★	for Concrete	125	8	5	22.23	-	Silver	AA	AA	AA	A	A			125mm Grinder	D-66715
	★★	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, For removing point	125	8	5	22.23	-	Gold	AA	AA	AA	A	A			PC5000, 5001C 125mm Grinder	B-12295(EN)

Shape	Range	Application	D	T	X	H	d	Color	For Material							For Model	Part No.
									1	2	3	4	5	6	7		
	★★★	For coarse grinding work, For removing point	125	8	5.5	22.23	-	Silver	AA	AA	AA	A	A			PC5000, 5001C 125mm Grinder	B-48577(EN)
	★	for Concrete	180	8	5	22.23	-	Silver	AA	AA	AA	A	A			180mm Grinder	D-62321
	★★★	For coarse grinding work, For removing point	180	8	5	22.23	-	Silver	AA	AA	AA	A	A			180mm Grinder	B-48642(EN)

## Segmeted type








	★★★	For coarse grinding work, For removing point	100	8	5	22.23	16	Gold	AA	AA	AA	A	A			100mm Grinder	A-87105
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## Fan type

	★★★	For coarse grinding work, For removing point	125	7	5.5	22.23	-	Silver	AA	AA	AA	A	A			PC5000, 5001C 125mm Grinder	B-48583(EN)
	★★★	For coarse grinding work, For removing point	180	7	5	22.23	-	Silver	AA	AA	AA	A	A			180mm Grinder	B-48658(EN)



## Fine work

## Turbo type

	★	for Concrete	100	8	5	22.23	16	Silver	AA	AA	AA	A	A			100mm Grinder	D-62337
	★★★	For general use	105	10	5	22.23	-	Gold	A	AA	A	A	A			115mm Grinder	B-44993
	★	for Concrete	115	8	5	22.23	-	Silver	AA	AA	AA	A	A			115mm Grinder	D-62343
	★	for Concrete	125	20	5	22.23	-	Silver	AA	AA	AA	A	A			125mm Grinder	D-66721
	★★★	For fine finishing	125	15	4.5	22.23	-	Silver	AA	AA	AA	A	A			PC5000, 5001C 125mm Grinder	B-50005(EN)
	★	for Concrete	180	8	5	22.23	-	Silver	AA	AA	AA	A	A			180mm Grinder	D-62359
	★★★	For fine finishing	180	20	5	22.23	-	Silver	AA	AA	AA	A	A			180mm Grinder	B-48664(EN)

Shape	Range	Application	D	T	X	H	d	Color	For Material							For Model	Part No.
									1	2	3	4	5	6	7		
	★★	For fine finishing	125	13	5	22.23	-	Silver	AA	AA	AA	A	A			PC5000, 5001C	D-41464(EN)
	★★★	For fine finishing	125	13.5	4	22.23	-	Gold	AA	AA	AA	A	A		PC5000, 5001C 125mm Grinder	B-12289(EN)	

### Specialized/PCD Offset Diamond Wheel

Shape	Application	D	T	X	H	d	Color	For Material							For Model	Part No.
								1	2	3	4	5	6	7		
	For removal of polyurethane, adhesive, paint, epoxy and acrylic coatings	125	-	-	22.23	-	Black	-	-	-	-	-	-	-	PC5000, 5001C 125mm Grinder	B-53160
	For removal of polyurethane, adhesive, paint, epoxy and acrylic coatings	180	-	-	22.23	-	Black	-	-	-	-	-	-	-	PC5000, 5001C 180mm Grinder	B-53176



### Vacuum brazed Offset Diamond Wheel

Three-star range

★★★

Standard work

Vacuum brazed type

Shape	Application	D	T	X	H	d	Color	For Material							For Model	Part No.
								1	2	3	4	5	6	7		
	Angle type	115	27.5	-	22.23	-	Gold	AA	A	A					115mm Grinder	A-87834(EN)
	Flat type	115	27.5	-	22.23	-	Gold	AA	A	A					115mm Grinder	A-87884(EN)

### Offset Diamond Wheel for PC1100

Three-star range

★★★


Standard work

Segmeted type


Shape	Application	D	T	X	H	d	Color	For Material							For Model	Part No.
								1	2	3	4	5	6	7		
	For coarse grinding work, For removing point	110	8	5	15	-	Silver	AA	AA	AA	A	A			PC1100	A-86321(EN)

Fine work

Turbo type

	For general use	110	13.5	4	15	-	Blue	AA	AA	AA	A	A			PC1100	A-07369(EN)
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Rim type

	For fine finishing	110	13.5	4	15	-	Silver	AA	AA	AA	A	A			PC1100	792289-1(EN)
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### SDS-Plus Diamond core bit (Dry type)

When drilling with diamond core bit, always use "rotation only".  
SDS-Plus adapter (with center bit) A-87563



For Model:  
SDS-PLUS hammers

Spindle threde M18

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



Spindle thread M18

13mm straight shank (three flat)

Capacity (Diameter x Depth)	Part No.	Capacity (Diameter x Depth)	Part No.
32 x 165mm	A-85036	90 x 165mm	A-85086
38 x 165mm	A-85042	105 x 165mm	A-80488
54 x 165mm	A-85058	120 x 165mm	A-80494
65 x 165mm	A-85064	127 x 165mm	A-85606
70 x 165mm	A-85070	152 x 165mm	A-85597
80 x 165mm	A-80472	162 x 165mm	A-85612

### Electroplated diamond core bit



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)

Size	Spindle thread	Part No.
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.
5 mm	M14 x 2	D-61064
6mm	M14 x 2	D-61070
8mm	M14 x 2	D-61086
10mm	M14 x 2	D-61092
12mm	M14 x 2	D-61101
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

Spindle thread M10

For: 100mm Angle Grinder

Size	Spindle thread	Part No.
5mm	M10 x 1.5	D-63264
6mm	M10 x 1.5	D-63270
8mm	M10 x 1.5	D-63286
10mm	M10 x 1.5	D-63292
12mm	M10 x 1.5	D-63301
14mm	M10 x 1.5	D-63317
16mm	M10 x 1.5	D-63323
20mm	M10 x 1.5	D-63339
25mm	M10 x 1.5	D-63345
32mm	M10 x 1.5	D-63351
37mm	M10 x 1.5	D-63367
40mm	M10 x 1.5	D-63373
50mm	M10 x 1.5	D-63389

### Vacuum Brazed diamond pin drill



For: 13mm Driver Drill  
Material : Granite/Marble/Porcelain Tile

Size	Spindle thread	Part No.
6mm	6mm x 12.5mm	B-51823
8mm	8mm x 12.5mm	B-51839
10mm	10mm x 12.5mm	B-51845



# ACCESSORIES

## ▣ Planing / Routering



### Planer blade (2 per pkg.)

HSS(High Speed Steel): Fine cutting surface.  
TC(Tungsten Carbide): Higher durability. Suitable for hard wood.



\*5 Sets

For Model:	Size (mm)	Material	Part No.
1600	80	HSS	A-07397
	80	HSS	D-65501
1100/N, N1900B, 1902, N1923B/H, KP0810/C, KP0800, DKP180, DKP181	82	HSS	A-07406
	82	HSS	D-16346
	82	HSS	D-67228
	82	HSS	*D-67234
	82	TC	D-07967
1002BA, 1911B	110	HSS	A-07412
	110	TC	D-08822
1804N	136	HSS	A-07428
1805N	155	TC	793015-1
	155	HSS	D-70910
2031, 2034	155	HSS	D-63915
1806B	170	HSS	D-63666
2012NB	306	HSS	199911-5
2030	306	HSS	199910-7
2040	400	HSS	793019-3

### 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.



For Model:	Size (mm)	Material	Type	Part No.
1100/N, N1900B, 1902, N1923B/H, KP0810/C, KP0800, DKP180, DKP181	82	TC	-	A-82921
	82	TC	-	D-07945
	82	TC	w/ Set plate	D-07951
	82	TC	5 Sets	D-35302
	82	TC		D-70823
	82	TC	5 Sets	D-70839
2012NB	306	HSS	-	793346-8
KP312/S	312	HSS	-	B-02870

### 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
100	22	4	B-20644

### 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)	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

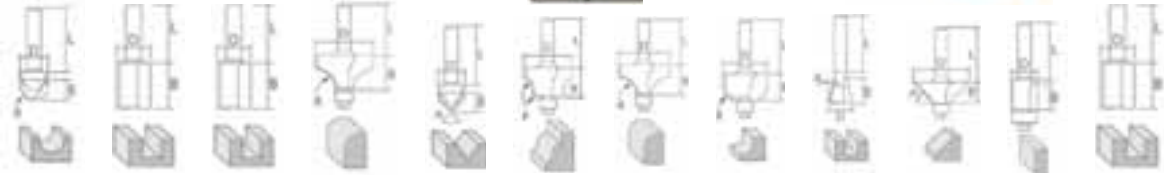
A: Use with the sprocket (part No. 221502-5) & chain bar (Part No. 122235-4)  
For Model:  
7104L



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

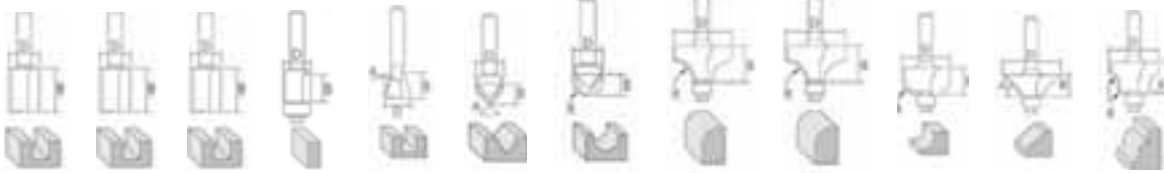
**Router bit set**

(12 pc/ set)



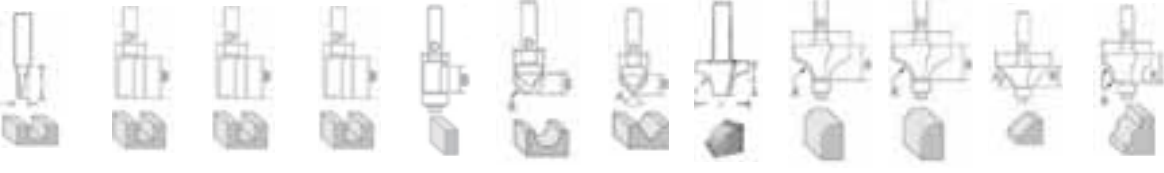
(mm)

Size	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	Part No.
8mm	D:12.7	D:16.0	D:6.0	D:28.6	D:12.7	D:25.0	D:22.2	D:22.0	D:12.7	D:32.0	D:12.7	D:12.0	A-88054
6mm	R:6.35 B:8.8	B:20.0 L:28.0	B:20.0 L:25.0	R:9.5 B:17.0	B:9.1 A:90°	R:4.0 B:16.0	R:6.3 B:13.5	R:6.3 B:12.7	B:12.7	B:12.2	B:13.0	B:20.0	A-87921
1/4"	L:29.0		L:25.0	L:25.5	L:29.0	L:26.5	L:25.0	L:26.5	L:29.0	L:30.0	L:29.0	L:28.0	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

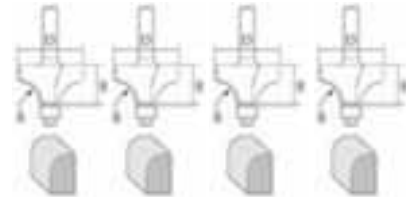


(mm)

Size	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	Part No.
6mm	D:6 B:19	D:6 B:16	D:12 B:32	D:14 B:19	D:12.7 B:13	D:6.35 R:3.2 B:12.7	D:12.7 B:12.7 A:90°	D:19 R:3.2 B:9.5	D:25.4 R:6.35 B:13.5	D:28.5 R:7.9 B:14.5	D:25.4 B:11 A:45°	D:25.3 R:3.2 B:9.5	D-57065

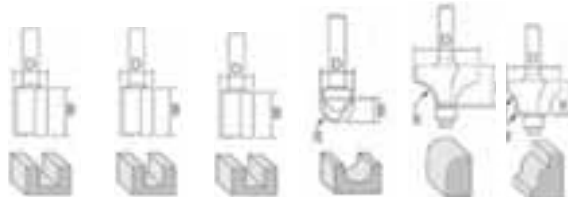
(4 pc/ set)

(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

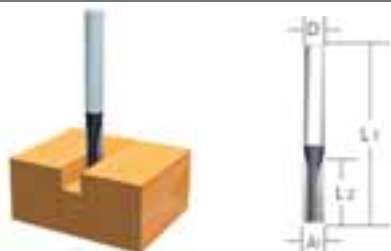
(mm)



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**

Three-star range



(mm)

D	A1	L1	L2	Part No.
6	20	50	15	D-09313
6	6	50	18	D-09167
6	8	50	18	D-09260
8	8	60	25	D-62094
12	10	60	25	D-10182
12	12	60	30	D-07892

(inch)

1/4"	20	50	15	D-15431
1/4"	6	50	18	D-09173
1/4"	8	50	18	D-15388
1/2"	10	60	25	D-15512
1/2"	12	60	30	D-07901

**Drill point double flush trimming bit**



(mm)

D	A1	L1	L2	L3	L4	Part No.
6	6	70	40	12	14	D-09341

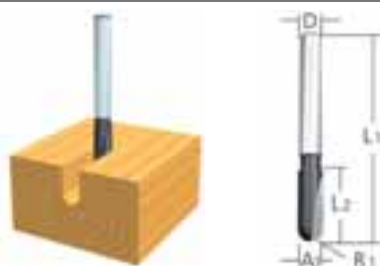
**Board-jointing bit**



(mm)

D	A1	A2	L1	L2	L3	Part No.
12	38	27	61	4	20	D-12027

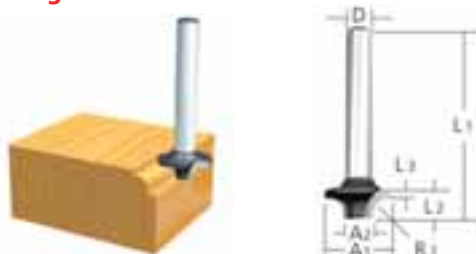
**'U' Grooving bit**



(mm)

D	A1	L1	L2	R1	Part No.
6	6	50	18	3	D-09329

**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

**'V' Grooving bit**

B:Angle



(inch)

D	A1	L1	L2	B	Part No.
1/4"	20	50	15	90	D-15453

**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

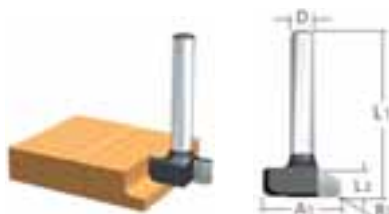
**Drill point flush trimming bit**



(mm)

D	A1	L1	L2	L3	Part No.
6	6	60	18	28	D-09335
8	8	60	20	35	D-10578
12	12	60	20	35	D-10584

**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 flush trimming bit**



(mm)

D	A1	L1	L2	Part No.
6	10	50	20	D-09472

(inch)

1/4"	10	50	20	D-04313
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**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

**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

(inch)

1/4"	21	8	40	10	3.5	6	D-15475
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**Drill point sash router bit**

For Model:  
4402



(mm)

D	A1	L1	L2	Part No.
6	6	65	18	D-16988

(inch)

1/4"	6	65	18	D-16972
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**Ball bearing chamfering bit**

B:Angle



(mm)

D	A1	A2	L1	L2	B	Part No.
6	26	8	42	12	45	D-09488
6	20	8	41	11	60	D-09494

(inch)

1/4"	26	8	42	12	45	D-15506
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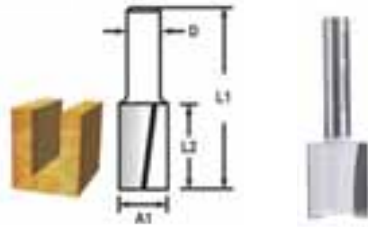
**Economy type Router bit**





### Straight bit 2 Flute

Two-star range



(mm)  
Plastic hanger display  
\*Plastic+cardboard blister

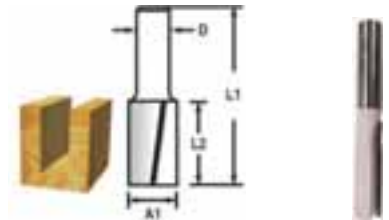
D	A1	L1	L2	Part No.
6	6	48	16	D-47422 *D-67717
6	6	57	25	D-47438 *D-67723
6	8	51	19	D-47444 *D-67739
6	8	57.4	25.4	D-47450 *D-67745
6	10	57.4	25.4	D-47466 *D-67751
6	12	64	32	D-47472 *D-67767
6	14	51	19	D-47488 *D-67773
6	20	51	19	D-47494 *D-67789
8	6	48	16	D-47503 *D-67795
8	6	51	19	D-47519 *D-67804
8	8	51	19	D-47525 *D-67810
8	10	51	19	D-47531 *D-67826
8	12	51	19	D-47547 *D-67832
8	14	51	19	D-47553 *D-67848
8	16	51	19	D-47569 *D-67854
8	18	51	19	D-47575 *D-67860
8	20	51	19	D-47581 *D-67876
8	22	57.2	25.4	D-47597 *D-67882
8	24	57	25.4	D-47606 *D-67898
12	8	70	25	D-47612 *D-67907
12	10	70	25.4	D-47628 *D-67913
12	12	73	32	D-47634 *D-67929
12	14	73	32	D-47640 *D-67935
12	16	73	32	D-47656 *D-67941
12	19	73	32	D-47662 *D-67957
12	22	73	32	D-47678 *D-67963
12	25	73	32	D-47684 *D-67979

(inch)

1/4"	1/4"	2-1/4"	1"	D-49052 *D-68921
1/4"	5/16"	2-1/4"	1"	D-49068 *D-68937
1/4"	3/8"	2-1/4"	1"	D-49074 *D-68943
1/4"	1/2"	2-1/2"	1-1/4"	D-49080 *D-68959
1/4"	1/4"	1-7/8"	5/8"	D-49096 *D-68965
1/4"	1/4"	2"	3/4"	D-49105 *D-68971
1/4"	5/16"	2"	3/4"	D-49111 *D-68987

D	A1	L1	L2	Part No.
1/4"	3/8"	2"	3/4"	D-49127 *D-68993
1/4"	1/2"	2"	3/4"	D-49133 *D-69004
1/4"	9/16"	2"	3/4"	D-49149 *D-69010
1/4"	5/8"	2"	3/4"	D-49155 *D-69026
1/4"	23/32"	2"	3/4"	D-49161 *D-69032
1/4"	3/4"	2"	3/4"	D-49177 *D-69048
1/2"	1/4"	2-1/2"	3/4"	D-62751 *D-69054
1/2"	5/16"	2-3/4"	1"	D-49183 *D-69060
1/2"	3/8"	2-7/8"	1"	D-49199 *D-69076
1/2"	1/2"	2-5/8"	1"	D-62767 *D-69082
1/2"	1/2"	2-7/8"	1-1/4"	D-49208 *D-69098
1/2"	1/2"	3"	1-1/2"	D-62773 *D-69107
1/2"	1/2"	4-1/2"	2-1/2"	D-58512 *D-69191
1/2"	9/16"	2-7/8"	1-1/4"	D-49214 *D-69113
1/2"	5/8"	2-7/8"	1-1/4"	D-49220 *D-69129
1/2"	3/4"	2-5/8"	1"	D-62789 *D-69135
1/2"	3/4"	2-7/8"	1-1/4"	D-49236 *D-69141
1/2"	3/4"	3"	1-1/2"	D-62795 *D-69157
1/2"	7/8"	2-5/8"	1"	D-62804 *D-69163
1/2"	7/8"	2-7/8"	1-1/4"	D-49242 *D-69179
1/2"	1"	2-7/8"	1-1/4"	D-49258 *D-69185

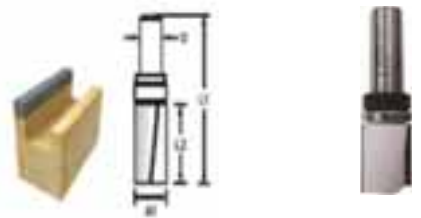
### Straight bit Super



(inch)

D	A1	L1	L2	Part No.
1/2"	1/2"	4"	2"	D-62810 *D-69200

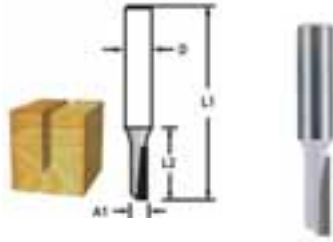
### Straight bit Pattern



(inch)

D	A1	L1	L2	Part No.
1/2"	3/4"	2-13/16"	1"	D-62826 *D-69216

**Straight bit 1 Flute**



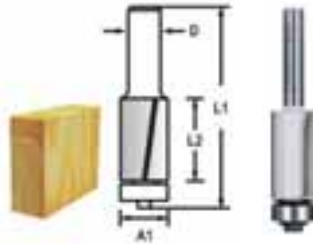
(mm)

D	A1	L1	L2	Part No.
6	6	50.8	19	D-47416 *D-67701
8	3	51	13	D-47379 *D-67664
8	4	51	13	D-47385 *D-67670
8	5	48	13	D-47391 *D-67686
8	6	50.8	19	D-47400 *D-67692

(inch)

1/4"	1/8"	2"	1/2"	D-49002 *D-68862
1/4"	5/32"	2"	1/2"	D-49018 *D-68878
1/4"	3/16"	1-7/8"	1/2"	D-49024 *D-68884
1/4"	1/4"	2"	3/4"	D-49030 *D-68890
1/2"	1/4"	2-1/2"	3/4"	D-62739 *D-68909
1/2"	3/8"	2-1/2"	1"	D-62745 *D-68915

**Flush Trim Bit 2 Flute**



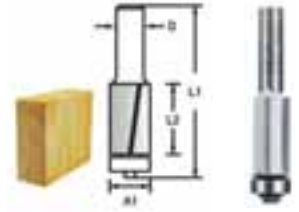
(mm)

D	A1	L1	L2	Part No.
6	9.5	66.9	26	D-47690 *D-67985
6	12.7	56	13	D-47709 *D-67991
6	12.7	68.5	26	D-47715 *D-68002
8	9.5	67	26	D-47721 *D-68018
8	12.7	55.7	13	D-47737 *D-68024
8	12.7	68.5	26	D-47743 *D-68030

(inch)

1/4"	1/4"	2-1/8"	1/2"	D-58528 *D-69266
1/4"	3/8"	2-5/8"	1"	D-49264 *D-69238
1/4"	3/8"	2-1/8"	1/2"	D-58534 *D-69272
1/4"	1/2"	2-3/16"	1/2"	D-49270 *D-69244
1/4"	1/2"	2-11/16"	1"	D-49286 *D-69250
1/2"	1/2"	3"	1"	D-58540 *D-69288
1/2"	1/2"	3-19/32"	1-1/2"	D-62832 *D-69294
1/2"	1/2"	4-1/64"	2"	D-62848 *D-69303
1/2"	3/4"	3"	1"	D-62854 *D-69319
1/2"	3/4"	3-5/16"	1-1/4"	D-62860 *D-69325

**Flush Trim Bit 3 Flute**



(mm)

D	A1	L1	L2	Part No.
8	12.7	68.5	26	D-47759 *D-68046
12	12.7	91.4	38	D-47765 *D-68052

(inch)

1/4"	1/2"	2-11/16"	1"	D-49292 *D-69331
1/2"	1/2"	3-19/32"	1-1/2"	D-49301 *D-69347

**Panel Pilot Bit**



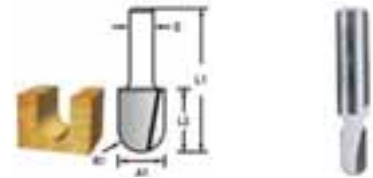
(mm)

D	A1	L1	L2	Part No.
6	6.35	65	19	D-47771 *D-68068
8	6.35	65	19	D-47787 *D-68074
12	9.5	75	26	D-47793 *D-68080

(inch)

1/4"	1/4"	2-9/16"	3/4"	D-49317 *D-69375
1/2"	3/8"	3"	1"	D-49323 *D-69381
1/2"	1/2"	3-5/8"	1-17/64"	D-58566
1/2"	1/2"	3-9/16"	1-1/8"	D-63133

**Round Nose Bit**



(mm)

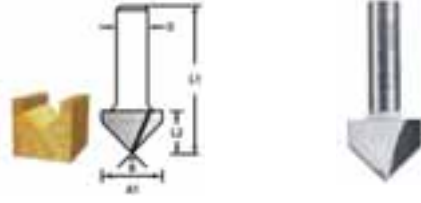
D	A1	L1	L2	R1	Part No.
6	6.35	44.5	12.7	3.2	D-47802 *D-68096
6	9.5	44.5	12.7	4.8	D-47818 *D-68105
6	12.7	51	19	6.35	D-47824 *D-68111
8	6.35	44.5	12.7	3.2	D-47830 *D-68127
8	9.5	44.5	12.7	4.8	D-47846 *D-68133
8	12.7	51	19	6.35	D-47852 *D-68149

(inch)

1/4"	1/2"	2"	3/4"	1/4"	D-49339 *D-69397
1/4"	1/4"	1-3/4"	1/2"	1/8"	D-49345 *D-69406
1/4"	3/8"	1-3/4"	1/2"	3/16"	D-49351 *D-69412
1/2"	3/8"	2-1/4"	1/2"	3/16"	D-62876 *D-69428
1/2"	1/2"	2-3/8"	3/4"	1/4"	D-62882 *D-69434
1/2"	3/4"	2-5/8"	1"	3/8"	D-62898 *D-69440

**V Groove Bit**

B:Angle



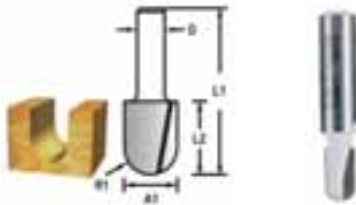
(mm)

D	A1	L1	L2	B	Part No.
6	12.7	44.7	12.7	90dg	D-47868 *D-68155
6	12.7	48	16	60dg	D-47874 *D-68161
6	19	47.6	16	90dg	D-47880 *D-68177
8	12.7	44.7	12.7	90dg	D-47896 *D-68183
8	15.9	44	12.7	90dg	D-47905 *D-68199
8	12.7	48	16	60dg	D-47961 *D-68258
8	19	47.6	16	90dg	D-47933 *D-68220
12	12.7	54	12.7	90dg	D-47911 *D-68208
12	15.9	50.8	12.7	90dg	D-47927 *D-68214
12	19	57.3	16	90dg	D-47949 *D-68236
12	28.6	60.3	22.2	90dg	D-47955 *D-68242

(inch)

1/4"	1/2"	1-7/8"	5/8"	60dg	D-49367 *D-69456
1/4"	3/4"	1-7/8"	5/8"	90dg	D-49373 *D-69462
1/4"	1/2"	1-3/4"	1/2"	90dg	D-49389 *D-69478
1/4"	5/8"	1-3/4"	1/2"	90dg	D-49395 *D-69484
1/2"	1/2"	2-1/8"	1/2"	90dg	D-49404 *D-69490
1/2"	5/8"	2"	1/2"	90dg	D-49410 *D-69509
1/2"	7/8"	2-1/4"	5/8"	90dg	D-62907 *D-69515
1/2"	3/4"	2-1/4"	5/8"	90dg	D-49426 *D-69521
1/2"	1"	2-3/8"	3/4"	90dg	D-62913
1/2"	1-1/8"	2-3/8"	7/8"	90dg	D-49432 *D-69537

**Core Box Bit**



(mm)

D	A1	L1	L2	R1	Part No.
8	6.35	38.3	6.35	3.2	D-47977 *D-68264
8	7.9	40	8	4	D-47983 *D-68270
8	9.5	41.3	9.5	4.8	D-47999 *D-68286
8	12.7	41.5	10	6.35	D-48000 *D-68292
8	15.8	44.5	12.7	7.9	D-48016 *D-68301
12	15.8	54	12.7	7.9	D-48022 *D-68317
12	19	50.8	12.7	9.5	D-48038
12	25.4	57	16	12.7	D-48044

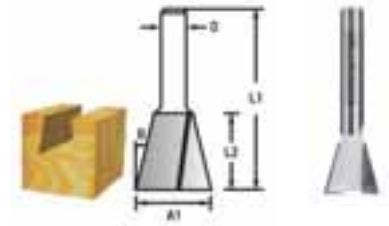
D	A1	L1	L2	R1	Part No.
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(inch)

1/4"	1/4"	1-1/2"	1/4"	1/8"	D-49448 *D-69543
1/4"	5/16"	1-37/64"	5/16"	5/32"	D-49454 *D-69559
1/4"	3/8"	1-5/8"	3/8"	3/16"	D-49460 *D-69565
1/4"	1/2"	1-5/8"	3/8"	1/4"	D-49476 *D-69571
1/4"	5/8"	1-3/4"	1/2"	5/16"	D-49482 *D-69587
1/2"	1/4"	2"	1/4"	1/8"	D-62929
1/2"	5/16"	2"	5/16"	5/32"	D-62935
1/2"	3/8"	2"	3/8"	3/16"	D-62941
1/2"	1/2"	2"	3/8"	1/4"	D-62957
1/2"	5/8"	2-1/8"	1/2"	5/16"	D-49498
1/2"	3/4"	2"	1/2"	3/8"	D-49507 *D-69593
1/2"	1"	2-1/4"	5/8"	1/2"	D-49513 *D-69602
1/2"	1"	2-9/32"	11/16"	1/2"	D-62963
1/2"	1-1/4"	2-3/8"	3/4"	5/8"	D-62979 *D-69618
1/2"	1-1/2"	2-7/8"	7/8"	3/4"	D-62985

**Dovetail Bit**

B: Angle



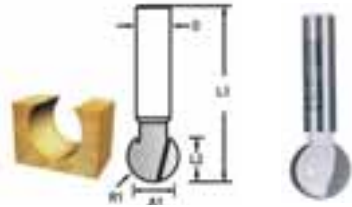
(mm)

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 *D-68323
8	15	52	14.3	15 dg	D-48088 *D-68339
12	19	63.4	22.2	7 dg	D-48094 *D-68345
12	25.4	64	22.2	14 dg	D-48103 *D-68351

(inch)

1/4"	1/4"	2-1/2"	5/16"	7.5 dg	D-49529 *D-69624
1/4"	3/8"	1-9/16"	3/8"	9 dg	D-49535 *D-69630
1/4"	1/2"	1-3/4"	1/2"	14 dg	D-49541 *D-69646
1/4"	19/32"	2-3/64"	9/16"	15 dg	D-49557
1/2"	3/8"	2-1/8"	3/8"	9dg	D-62991 *D-69652
1/2"	1/2"	2-1/4"	1/2"	14dg	D-63002
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**



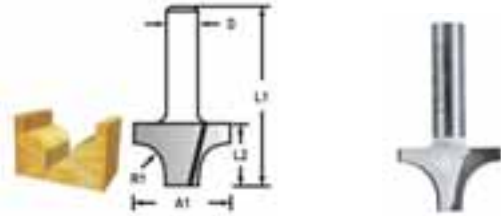
(mm)

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

(inch)

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 *D-69668
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**



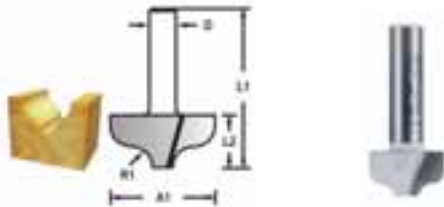
(mm)

D	A1	L1	L2	R1	Part No.
8	19	44.7	12.7	6.35	D-48153 *D-68367
8	25.4	47.6	16	9.5	D-48169
8	38.1	60.3	28.6	12.7	D-48175

(inch)

1/4"	3/4"	1-3/4"	1/2"	1/4"	D-49622 *D-69674
1/4"	1"	1-7/8"	5/8"	3/8"	D-49638 *D-69680
1/4"	1-1/2"	2-3/8"	1-1/8"	1/2"	D-49644

**Ogee Bit**



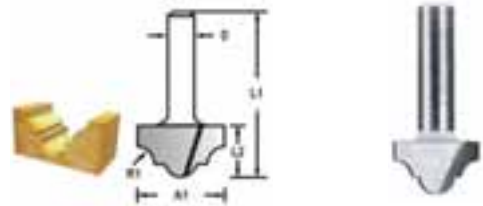
(mm)

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

(inch)

1/4"	3/4"	1-11/16"	7/16"	1/8"	D-49650 *D-69696
1/4"	1-15/64"	1-7/8"	5/8"	1/4"	D-49666
1/2"	3/4"	1-15/16"	7/16"	1/8"	D-63018

**Classic Plunge Cut Bit**



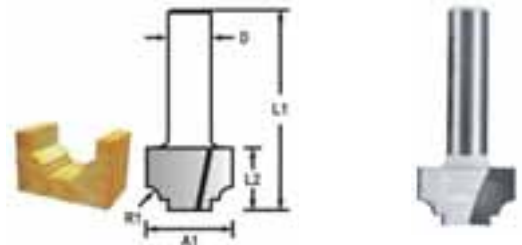
(mm)

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

(inch)

1/4"	1/2"	1-21/32"	3/8"	3/32"	D-49672 *D-69705
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 *D-69711
1/2"	1-1/4"	2-1/4"	3/4"	11/32"	D-49703

**Classical Plunge Bit**



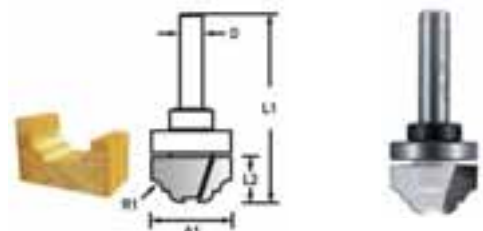
(mm)

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

(inch)

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 *D-69727

**Classical Plunge Cut - Top Bearing -**



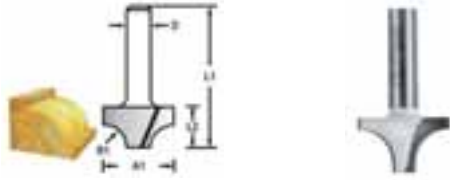
(mm)

D	A1	L1	L2	R1	Part No.
8	22	54	13	3.2	D-48262

(inch)

1/4"	7/8"	2-1/8"	1/2"	1/8"	D-49731
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**Ovolo Bit**



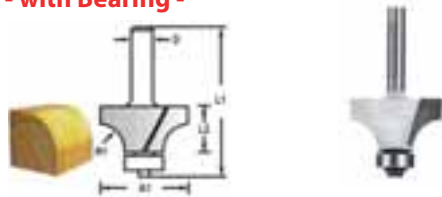
(mm)

D	A1	L1	L2	R1	Part No.
6	19	42.5	9.5	3.2	D-48278 *D-68373
6	25.4	45.5	13.5	6.35	D-48284 *D-68389

(inch)

1/4"	3/4"	1-11/16"	3/8"	1/8"	D-49747 *D-69733
1/4"	1"	1-13/16"	17/32"	1/4"	D-49753
1/2"	3/4"	1-7/8"	3/8"	1/8"	D-63024
1/2"	1"	2-7/64"	17/32"	1/4"	D-63030

**Roundover Bit - with Bearing -**



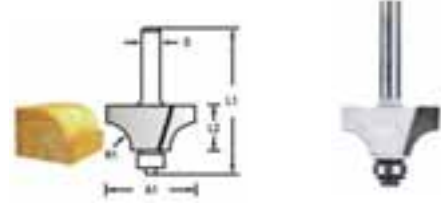
(mm)

D	A1	L1	L2	R1	Part No.
6	19	53.4	9.5	3.2	D-48290 *D-68395
6	20.6	58.6	10	4	D-48309 *D-68404
6	25.4	56.5	13.5	6.35	D-48315 *D-68410
6	28.6	57.3	14.5	7.9	D-48321 *D-68426
6	31.8	59.7	16.7	9.5	D-48337 *D-68432
8	17.3	51	8	2.3	D-48343 *D-68448
8	19	53.4	9.5	3.2	D-48359 *D-68454
8	20.7	52.3	10	4	D-48365 *D-68460
8	22.2	55	12.7	4.8	D-48371 *D-68476
8	25.4	56.5	13.5	6.35	D-48387 *D-68482
8	28.6	57.3	14.5	7.9	D-48393 *D-68498
8	31.8	59.7	16.7	9.5	D-48402 *D-68507
8	38.1	62	19	12.7	D-48418 *D-68513
12	50.8	76.2	25.4	19	D-48424 *D-68529

(inch)

1/4"	3/4"	2-1/8"	3/8"	1/8"	D-49769 *D-69749
1/4"	7/8"	2-5/32"	1/2"	3/16"	D-49775 *D-69755
1/4"	1"	2-1/4"	17/32"	1/4"	D-49781 *D-69761
1/4"	1-1/8"	2-1/4"	9/16"	5/16"	D-49797 *D-69777
1/4"	1-1/4"	2-5/16"	21/32"	3/8"	D-49806 *D-69783
1/4"	1-1/2"	2-7/16"	3/4"	1/2"	D-49812 *D-69799
1/2"	5/8"	2-5/32"	15/64"	1/16"	D-63046
1/2"	3/4"	2-5/16"	3/8"	1/8"	D-63052
1/2"	1-1/4"	2-11/16"	21/32"	3/8"	D-63068
1/2"	1-1/2"	2-11/16"	3/4"	1/2"	D-63074 *D-69808
1/2"	2"	2-15/16"	1"	3/4"	D-49828 *D-69814

**Beading Bit - with Bearing -**



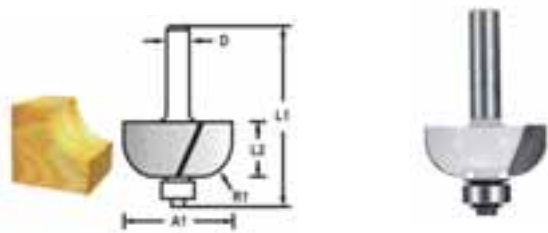
(mm)

D	A1	L1	L2	R1	Part No.
6	17	49.1	8	2.3	D-48430 *D-68535
6	19	51.6	9.5	3.2	D-48446 *D-68541
6	20.3	50.5	10	4	D-48452 *D-68557
6	22.2	53.2	12.7	4.8	D-48468 *D-68563
6	28.6	55.5	14.5	7.9	D-48474 *D-68579
8	17.3	49.1	8	2.3	D-48480 *D-68585
8	19	51.6	9.5	3.2	D-48496 *D-68591
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 *D-68600
8	28.6	55.5	14.5	7.9	D-48533 *D-68616
8	31.8	57.9	17	9.5	D-48549 *D-68622
8	38.1	60.2	19	12.7	D-48555 *D-68638
12	50.8	74.5	25.4	19	D-48561 *D-68644

(inch)

1/4"	3/4"	2-1/32"	3/8"	1/8"	D-49834 *D-69820
1/4"	7/8"	2-1/8"	1/2"	3/16"	D-49840 *D-69836
1/4"	1"	2-5/32"	17/32"	1/4"	D-49856 *D-69842
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 *D-69858
1/4"	1-1/2"	2-3/8"	3/4"	1/2"	D-49884 *D-69864
1/2"	2"	2-61/64"	1"	3/4"	D-49890

**Cove Bit - with Bearing -**



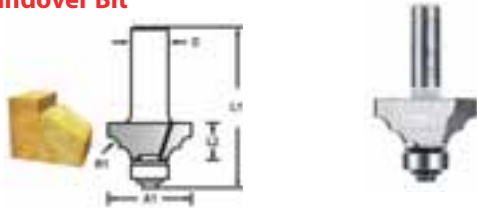
(mm)

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 *D-68666
8	28.6	55.5	12.7	7.9	D-48620 *D-68672
8	31.8	56	14	9.5	D-48636 *D-68688
8	38.1	58.3	15.4	12.7	D-48642



D	A1	L1	L2	R1	Part No.
(inch)					
1/4"	5/8"	1-15/16"	1/4"	1/16"	D-49915 *D-69886
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 *D-69892
1/4"	7/8"	2-3/16"	1/2"	3/16"	D-49943 *D-69901
1/4"	1-1/8"	2-3/16"	1/2"	5/16"	D-49959 *D-69917
1/4"	1-1/4"	2-13/64"	17/32"	3/8"	D-49965 *D-69923
1/4"	1-1/2"	2-5/16"	5/8"	1/2"	D-49971 *D-69939
1/2"	1-1/4"	2-17/32"	17/32"	3/8"	D-63080
1/2"	1-1/2"	2-9/16"	5/8"	1/2"	D-63096
1/2"	1-3/4"	2-11/16"	3/4"	5/8"	D-63105
1/2"	2"	2-7/8"	7/8"	3/4"	D-63111

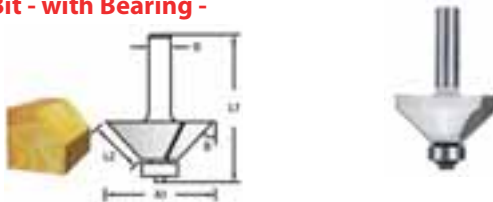
**Double Roundover Bit**



D	A1	L1	L2	R1	Part No.
(mm)					
8	28.6	50.8	12.7	4	D-48577 *D-68650
(inch)					
1/4"	1-1/8"	2"	1/2"	5/32"	D-49909 *D-69870

**Chamfer Bit - with Bearing -**

B:Angle



D	A1	L1	L2	B	Part No.
(mm)					
6	25.4	51	11	45dg	D-48658 *D-68694
6	22.2	56.1	12.7	25dg	D-48664 *D-68703
8	30.2	54.5	12.7	45dg	D-48670 *D-68719
8	31.8	55.1	13.5	45dg	D-48686 *D-68725
8	34.9	58.8	16	45dg	D-48692 *D-68731
8	41.3	58.9	20	45dg	D-48701 *D-68747
12	44.5	68.6	22.6	45dg	D-48717 *D-68753
12	50.8	70.9	27	45dg	D-48723

(inch)					
1/4"	1"	2"	3/8"	45dg	D-49987 *D-69945
1/4"	7/8"	2-3/16"	1/2"	25dg	D-49993 *D-69951
1/4"	1-3/16"	2-1/8"	1/2"	45dg	D-50005 *D-69967
1/4"	1-1/4"	2-11/64"	17/32"	45dg	D-50011 *D-69973
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 *D-69989
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 -**



D	A1	A2	L1	L2	Part No.
(mm)					
8	31.8	9.5	54.6	12.2	D-48739 *D-68769
12	31.8	9.5	60.8	12.2	D-48745

(inch)					
1/4"	1-1/4"	3/8"	2-1/8"	1/2"	D-50061 *D-69995
1/2"	1-1/4"	3/8"	2-3/16"	1/2"	D-50077 *D-70007

**Roman Ogee Bit - with Bearing -**



D	A1	L1	L2	R1	Part No.
(mm)					
6	25.4	52.5	9.5	3.2	D-48804
6	28.6	55.3	13	4	D-48810 *D-68775
8	28.6	55.3	13	4	D-48751 *D-68781
8	38.1	60	17.5	6.35	D-48767 *D-68797

(inch)					
1/4"	1-1/8"	2-11/64"	1/2"	5/32"	D-50083 *D-70013
1/4"	1-1/2"	2-3/8"	11/16"	1/4"	D-50099 *D-70029

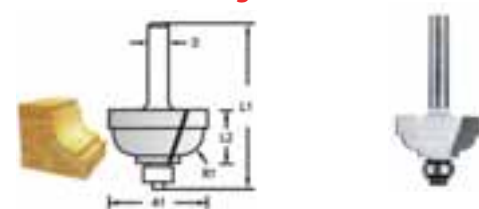
**Ogee Bit - with Bearing -**



D	A1	L1	L2	R1	Part No.
(mm)					
8	31.8	55.6	12.7	4.8	D-48773
8	38.1	58.9	16	6.35	D-48789

(inch)					
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 *D-70035

**Cove with Fillet Bit - with Bearing -**



D	A1	L1	L2	R1	Part No.
(mm)					
6	25.4	53.7	12.7	4.8	D-48795 *D-68806

(inch)					
1/4"	1"	2-3/16"	1/2"	3/16"	D-50120
1/2"	1-1/4"	2-7/16"	19/32"	5/16"	D-63127

**Full Bead Bit**



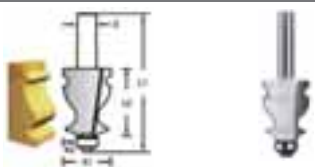
(mm)

D	A1	L1	L2	R1	Part No.
8	25.4	61.2	13	4.8	D-48826

(inch)

1/4"	1"	2-13/32"	1/2"	3/16"	D-50136
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**Fish Handrail Bit**



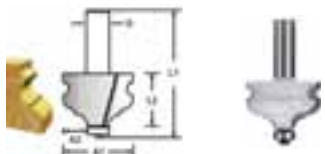
(mm)

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

(inch)

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**



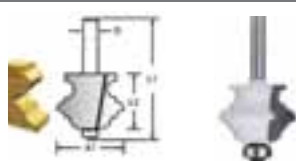
(mm)

D	A1	A2	L1	L2	Part No.
12	44.5	15.9	79.2	28.6	D-48854

(inch)

1/2"	1-3/4"	5/8"	3-1/8"	1-1/8"	D-50164
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**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

(inch)

1/4"	1-3/8"	—	2-3/4"	1"	D-50170
1/2"	2-1/4"	—	4"	1-7/8"	D-50186 *D-70041

**Reversible Rail & Stile Bit**



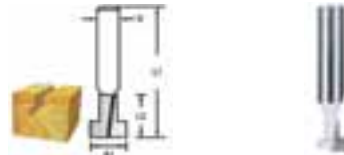
(mm)

D	A1	L1	L2	Part No.
12	41	78.5	23.4	D-48882
12	41	78.5	23.4	D-48898

(inch)

1/2"	1-5/8"	3-3/32"	29/32"	D-50192 *D-70057
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 *D-68812

(inch)

1/4"	3/8"	1-7/8"	13/32"	D-50217 *D-70063
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**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

(inch)

1/2"	1-5/8"	5/16"	3"	1"	D-50223 *D-70079
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**Tongue & Groove Assembly**



(mm)

D	A1	A2	L1	L2	Part No.
12	41	8.5	71	19	D-48935 *D-68828

(inch)

1/2"	1-39/64"	11/32"	2-51/64"	3/4"	D-50239 *D-70085
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**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 *D-68834
8	47.6	12.7	59	4	D-48979 *D-68840
8	47.6	12.7	59	5	D-48985 *D-68856
8	47.6	12.7	59	5.5	D-48991

(inch)

1/4"	1-7/8"	1/2"	2-5/16"	5/64"	D-50245 *D-70091
1/4"	1-7/8"	1/2"	2-5/16"	3/32"	D-50251 *D-70100
1/4"	1-7/8"	1/2"	2-5/16"	1/8"	D-50267 *D-70116
1/4"	1-7/8"	1/2"	2-5/16"	5/32"	D-50273 *D-70122
1/4"	1-7/8"	1/2"	2-5/16"	3/16"	D-50289 *D-70138
1/4"	1-7/8"	1/2"	2-5/16"	7/32"	D-50295 *D-70144

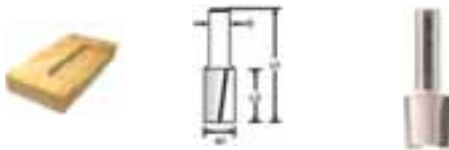
### Top Bearing Straight



(inch)

D	A1	L1	L2	Part No.
1/4"	1/2"	1-7/8"	1/4"	D-58497 *D-69353
1/4"	1/2"	2-5/8"	1"	D-58506 *D-69369

### Hinge Mortising



(inch)

D	A1	L1	L2	Part No.
1/4"	1/2"	2-1/64"	3/4"	D-58562 *D-69222
1/2"	1/2"	2-3/8"	3/4"	D-63149

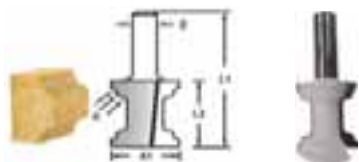
### Bull Nose Bit



(inch)

D	A1	L1	L2	R1	Part No.
1/2"	7/8"	2-3/8"	3/4"	1/8"	D-63155

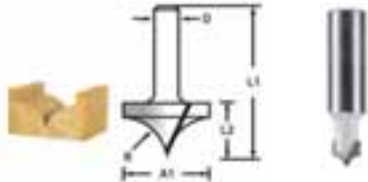
### Roman Ogee Bit



(inch)

D	A1	L1	L2	R1	Part No.
1/2"	1-1/4"	2-29/32"	1-27/64"	3/32"	D-63161

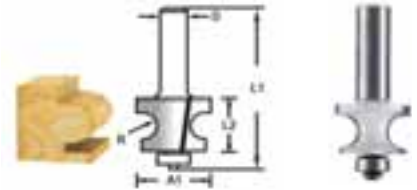
### Point Cut Roundover Bit



(inch)

D	A1	L1	L2	R1	Part No.
1/2"	3/8"	2-1/4"	3/8"	3/16"	D-63177

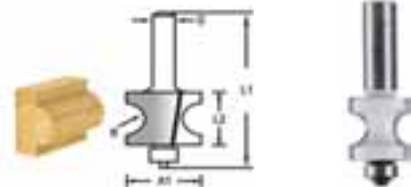
### Edge Beading Bit



(inch)

D	A1	L1	L2	R1	Part No.
1/2"	1"	2-5/8"	11/16"	3/16"	D-63183
1/2"	1-1/8"	2-11/16"	3/4"	1/4"	D-63199

### Bull Nose Bit -with Bearing-



(inch)

D	A1	L1	L2	R1	Part No.
1/2"	3/4"	2-9/16"	5/8"	1/8"	D-63208
1/2"	7/8"	2-15/16"	1"	3/16"	D-63214
1/2"	1"	2-15/16"	1"	1/4"	D-63220

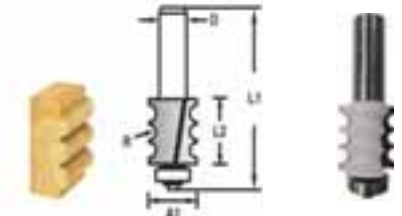
### Classica Bit



(inch)

D	A1	L1	L2	R1	Part No.
1/2"	1-3/8"	2-9/16"	5/8"	3/16"	D-63236 *D-70150

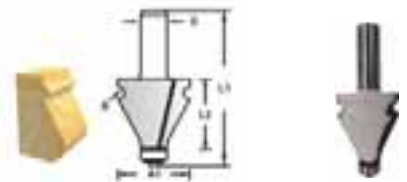
### Triple Bead Bit



(inch)

D	A1	L1	L2	R1	Part No.
1/2"	7/8"	2-61/64"	1"	1/8"	D-63242

### Handrail Bit



(inch)

D	A1	L1	L2	R1	Part No.
1/2"	1-3/8"	3-7/16"	1-1/2"	1/8"	D-63258

# ACCESSORIES

▣ Outdoor Power Equipment



## Blade Nut, Cup, Clamp Washer, Grass Guard and Receive Washer

\*with chisel blade (Arbor size 20mm)



### Petrol Brushcutter

Model No.	Spindle Size	Market	Receive Washer			Blade Clamp Washer		Blade Cup		Blade Nut
			Arbor size (mm)	Size (mm)	Parts No.	Size (mm)	Parts No.	Size (mm)	Parts No.	Parts No.
EM2500L, EM2500U, EM2600L, EM2601U	M8x1.25LH		25.4	-	DA00000162	-	-	46.5	DA00000170	NUT:DA00000172 WASHER:DA00000171
EBH252L, EBH252U, EBH253L, EBH253U, EM2650LH, EM2650UH, EM2651LH, EM2651UH, EM2653LH, EM2654LH	M10x1.25LH		25.4	60	326821-5	50	346084-7	68	168526-9	264025-0
EM2510LH, EM2511LH, EM2653LH	M10x1.25LH		25.4	60	326840-1	50	346084-7	68	168526-9	264025-0
EBH252L, EBH252U, EBH253L, EBH253U	M10x1.25LH	CANADA	25.4	60	331861-0 326821-5	49	346660-7	68	168526-9	264088-6
EM2650LHN	M10x1.25LH	THAILAND, TURKEY, SOUTH AFRICA	-	60	331861-0 326821-5	-	-	-	-	-
EM2650LH	M10x1.25LH	USA	25.4	60	331861-0 326821-5	49	346660-7	68	168526-9	264088-6
EM2650UH	M10x1.25LH	GAMBIA, SAUDI, ARABIA	-	60	331861-0 326821-5	-	-	-	-	-
EM2650UH	M10x1.25LH	USA	25.4	60	331861-0 326821-5	49	346660-7	68	168526-9	264088-6
EM2653LH	M10x1.25LH	CANADA	25.4	60	331861-0 326821-5	49	346660-7	68	168526-9	264088-6
EM2652LHN	M10x1.25LH	USA	-	66	332056-8	-	-	-	-	252236-9
EBH341L, EBH341U, EM4350L, EM4350R, EM4350U, EM4351U, RBC411U, RBC412U, RBC413U, RBC414U	M10x1.25LH		25.4	71	326823-1	49	346355-2	68	168526-9	264025-0
EM4350UH	M10x1.25LH	GUAM	25.4	71	332114-0	49	346660-7	68	168526-9	264088-6
EM3400L, EM3400U	M10x1.25LH		25.4	-	KC00000013		KC00000004	68	168526-9	KC00000016 264025-0
*EBH341U, *EM4350U, *EM4351U,	M10x1.25LH		20	71	332051-8	49	346355-2	68	168526-9	264025-0

### AC Brushcutter

Model No.	Spindle Size	Market	Receive Washer			Blade Clamp Washer		Blade Cup		Blade Nut
			Arbor size (mm)	Size (mm)	Parts No.	Size (mm)	Parts No.	Size (mm)	Parts No.	Parts No.
UR2300	M10x1.25LH		25.4	-	YA00000540	50	346084-7	68	168526-9	264025-0
UR3502	M10x1.25LH		-	-	YA00000540	-	-	-	-	-

### Multi-tool attachments

Model No.	Spindle Size	Market	Receive Washer			Blade Clamp Washer		Blade Cup		Blade Nut
			Arbor size (mm)	Size (mm)	Parts No.	Size (mm)	Parts No.	Size (mm)	Parts No.	Parts No.
EM400MP, EM402MP	M10x1.25LH		25.4	60	326821-5	50	346084-7	68	168526-9	264025-0
EM400MP	M10x1.25LH	USA	25.4	60	331861-0 326821-5	49	346660-7	68	168526-9	264088-6
EM401MP	M10x1.25LH		25.4	60	331861-0 326821-5	50	346084-7	68	168526-9	264025-0
EM403MP, EM404MP	M10x1.25LH		25.4	64.5	144312-2	43	347105-8	68	457290-0	252236-9
EM405MP, EM406MP	M10x1.25LH		-	64.5	144312-2	-	-	-	-	252236-9

### Cordless brushcutter / Cordless string trimmer

\*\*with Grass Guard for Receive Washer Part No. 346622-5

\*\*\* Receive Washer with Grass Guard

Model No.	Spindle Size	Market	Receive Washer			Blade Clamp Washer		Blade Cup		Blade Nut
			Arbor size (mm)	Size (mm)	Parts No.	Size (mm)	Parts No.	Size (mm)	Parts No.	Parts No.
DUR365U, DUR366L	M10x1.25LH		25.4	42	**326518-6	50	346084-7	68	168526-9	264025-0
				---	***140L84-9					
DUR368A, DUR368L	M10x1.25LH		25.4	---	***140L84-9	50	346084-7	68	168526-9	264025-0
DUR369A, DUR369L, UR101C, UR201C	M10x1.25LH		25.4	64.5	144312-2	43	347104-0	68	457274-8	252236-9

### Edger






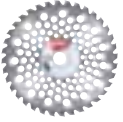
Model No.	Spindle Thread	Receive Washer			Blade Clamp Washer		Blade Nut
		Arbor size (mm)	Size (mm)	Parts No.	Size (mm)	Parts No.	Parts No.
EE2650H, EE400MP	M10x1.25LH	25.4	54	326734-0	47	326381-7	264025-0

## Cordless string trimmer

Model No.	Spindle Size	Receive Washer		Grass Guard for Receive Washer	Model No.	Spindle Size	Receive Washer		Grass Guard for Receive Washer
		Size (mm)	Parts No.				Size (mm)	Parts No.	
DUR364L	M8x1.25RH	44	319245-2	346857-8	DUR184L	M8x1.25RH	36.5	326683-1 144512-4	346857-8
DUR366L	M10x1.25LH	42	326518-6	346622-5	DUR187L, DUR187U, DUR188L, DUR188U	M8x1.25LH	36.5	144512-4	346857-8
DUR369N, UR202C	M10x1.25LH	65	140N88-3		DUR189	M8x1.25RH	36.5	144512-4	346857-8










**Blade selection guide**

	For short grass	For tall grass	For bush
			
		<b>2-tooth, 3-tooth, 4-tooth, 8-tooth</b> *For cutting thick grass, *Suitable for cutting wide space	
		<b>80-tooth</b> *For trimming bush, thick grass and etc.	
		<b>TCT</b> *Adopted TCT tips. *For thick grass	

**Brushcutter blades**

Hole Dia.: 25.4mm  
 \* Japanese Package

	Application	Blade dia. / No. of teeth	Thickness	Model No.	Part No.
<b>2-tooth blade</b>					
		230mm / 2	2.0mm	EBH252U, EBH253U, EM2500U/L, EM2510LH, EM2511LH, EM2600U/L, EM2650LH/UH, EM2651LH/UH, EM2653LH, EM2654LH, EM400MP, EM401MP, EM402MP, EM403MP, EM404MP	197808-2 D-66058
		230mm / 2	2.0mm	DUR369A/L, EM2510LH, EM2511LH, EM2653LH, EM2654LH, UR101C, UR201C	197997-3
		255mm / 2	2.0mm	DUR369A/L, UR101C, UR201C	198345-9
		305mm / 2	2.0mm	EBH341L/U, EM4350LH/UH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U	195624-6
<b>3-tooth blade</b>					
	for tall, thick grass, scrub and tangled undergrowth	230mm / 3	3.0mm	DUR368A, DUR368L, DUR369A, DUR369L, EBH252U, EBH253U, EM2500U/L, EM2510LH, EM2511LH, EM2600U/L, EM2650LH/UH, EM2651LH/UH, EM2653LH, EM2654LH, UR101C, UR201C, EM400MP, EM401MP, EM402MP, EM403MP, EM404MP	195298-3 D-66020
		255mm / 3	3.0mm	EBH340U/R, EBH341L/U/R, EM3400U/L, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U, UR101C, UR201C	195299-1 D-66036
		305mm / 3	3.0mm	EBH341L/U, EM4350LH/UH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U	195300-2 D-66042
<b>4-tooth blade</b>					
	for tall grass and scrub	230mm / 4	1.8mm	DUR361U, DUR362U, EBH252U, EBH253U, EM2500U/L, EM2510LH, EM2511LH, EM2600U/L, EM2650LH/UH, EM2651LH/UH, EM2653LH, EM2654LH, EM400MP, EM401MP, EM402MP, EM403MP, EM404MP	B-14118 D-66008
		230mm / 4	1.8mm	DUR365U, DUR368A/L, DUR369A/L, UR101C, UR201C, EM401MP, EM402MP	195150-5
		255mm / 4	2.0mm	EBH340U/R, EBH341L/U/R, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U	B-14124
		255mm / 4	2.0mm	DUR369A, DUR369L, EM3400U/L, UR101C, UR201C	196895-8 D-66014
<b>8-tooth blade</b>					
	for thick grass and scrub	230mm / 8	1.8mm	DUR361U, DUR362U, EBH252U, EBH253U, EM2500U/L, EM2510LH, EM2511LH, EM2600U/L, EM2650LH/UH, EM2651LH/UH, EM2653LH, EM2654LH, EM400MP, EM401MP, EM402MP, EM403MP, EM404MP	B-14130
		255mm / 8	2.0mm	EBH340U/R, EBH341L/U/R, EM3400U/L, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U	B-14146
<b>Saw blade</b>					
	for bushes and thin tree trunks Not available in some countries due to local regulation	230mm / 80	1.8mm	DUR361U, DUR362U, EBH252U, EBH253U, EM2500U/L, EM2510LH, EM2511LH, EM2600U/L, EM2650LH/UH, EM2651LH/UH, EM2653LH, EM2654LH, EM400MP, EM401MP, EM402MP, EM403MP, EM404MP	B-14152
		255mm / 80	2.0mm	EBH340U/R, EBH341L/U/R, EM3400U/L, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U	B-14168
<b>TCT Saw blade</b>					
	for gnarled bushes and thin tree trunks Not available in some countries due to local regulation	230mm / 36	1.25mm	EBH252U, EBH253U, EBH340U/R, EBH341U/L, EBH341R, EM2500U/L, EM2510LH, EM2511LH, EM2600U/L, EM2650LH/U, EM2651L/U, EM2653LH, EM2654LH, EM4340L	B-50697 *A-56926 D-65981
		230mm / 36	1.25mm	DUR369A/L, UR101C, UR201C	198023-1
		230mm / 32	1.25mm	DUR369A/L, UR101C, UR201C	199248-0
		250mm / 40	1.25mm	EBH340U/R, EBH341L/U/R, EM3400U/L, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U	*A-56932 D-65997
		250mm / 40	1.25mm	DUR369A/L, UR101C, UR201C	198024-9
		250mm / 36	1.25mm	DUR369A/L, UR101C, UR201C	199652-3

	Application	Blade dia. / No. of teeth	Thickness	Model No.	Part No.
 <p><b>Chisel blade</b></p>	For brush and thin tree trunks and new growth. Not available in some countries due to local regulation	200mm / 22 Hole Dia.: 20mm	1.6mm	EM4351UH, EM4350UH, EBH341U	196242-3
		225mm / 24 Hole Dia.: 20mm	1.8mm	EM4351UH, EM4350UH	196243-1

Special flunge (Dia: 20mm) . . . Part No.332051-8 (Including Chisel blade guard set 196480-7, 196481-5)

**Edger blade**



Blade dia. / No. of teeth	Thickness	Model No.	Part No.
203mm / 2	2.5mm	EE2650H, EE400MP	196745-7


**String trimmer head**

(for grass, light weeds)

\* with adapter (Poly bag with header)

	Description	Ref.	Size	Arbore size	Model No.	Cord/ Line		Part No.
 <p><b>Bump &amp; Feed</b></p> <p>There is no need to ever split the trimmer head to replace or remove line. This head is simple to operate with reliability in performance.</p>		UN-74L	4.4"	M10x1.25LH	DUR365U, DUR366L, DUR368A/L, DUR369A/L/N, EBH252U/L, EBH253U/L, EBH341U, EM3400L, EM2510LH, EM2511LH, EM2650UH/LH, EM2651UH/LH, EM2653LH, EM2654LH, UR101C, UR201C, UR202C, EM400MP, EM401MP, EM403MP, EM404MP, EM405MP, EM406MP	2.4mm x 3.6m	-	196324-1
		UN-72L	5"	M10x1.25LH	DUR369A /L/N, EM4350UH/RH/LH, EM4351UH, UR101C UR201C UR202C	2.4mm x 6m	Poly bag with header	198266-5
 <p><b>Bump &amp; Feed</b></p>			3"	M8x1.25RH	UR100D	1.65mm x 8m	Poly bag with header	198853-0 EU:198854-8
		95-M8R	4"	M8x1.25RH	DUR189	2.0mm x 3m	Poly bag with header	198972-2 EU:198971-4
		95-M8L	4"	M8x1.25LH	DUR187U/L, DUR188U/L, EM2500U/L, EM2600U/L	2.0mm x 3m	Poly bag with header	198386-5 EU:198385-7
		95-M10L	4"	M10x1.25LH	DUR365U, DUR366L, DUR368A/L, DUR369A/L, EBH252U/L, EBH253U/L, EM2510LH, EM2511LH, EM2650UH/LH, EM2651UH/LH, EM2653LH, EM2654LH, UR101C, UR201C, UR202C, EM400MP, EM401MP, EM403MP, EM404MP, EM405MP, EM406MP	2.0mm x 3m	Poly bag with header	198892-0 EU:198893-8
						2.4mm x 3m	Poly bag with header	197804-0 EU:197993-1
 <p><b>Bump &amp; Feed</b></p>	Bump & Feed ECO 4R	4" Low profile	M8x1.25RH	DUR189, DUR364L	2.0mm x 3m	Poly bag with header	197297-1	
	Bump & Feed 4R	4"	M8x1.25RH	ER2550LH, ER2650LH, ER2600L, ER400MP	2.4mm x 3m	Blister pack	A-89137	
	Bump & Feed ECO 4L	4" Low profile	M8x1.25LH	DUR187L/U DUR188L/U	2.0mm x 3m	Poly bag with header	196589-5	
	Bump & Feed ECO 4L	4" Low profile	M10x1.25LH	DUR365U, DUR366L, DUR368A/L, DUR369A/L/N, UR101C, UR201C, UR202C	2.0mm x 3m	Poly bag with header	197296-3	
	Bump & Feed ECO 5	5"	M10x1.25LH	EM3400U/L, EBH341U	3.0mm x 2.5m	Poly bag with header	161342-8	
	Bump & Feed Z5L	5"	M10x1.25LH	EBH252U/L, EBH253U/L, EM2510LH, EM2511LH, EM2650UH/LH, EM2651UH/LH, EM2653L, EM2654L, EM3400U/L, EBH340U, EBH341U/L/R, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U, EM400MP, EM401MP, EM403MP, EM404MP, EM405MP, EM406MP	2.4mm x 3m	Blister pack	B-05131	
	Bump & Feed ECO 6	6"	M10x1.25LH	EBH341U/L/R, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U	3.0mm x 3m	Carton box	197030-1	
	 <p><b>Automatic feed and Bump &amp; Feed</b></p> <p>Line will be feeded about 3cm, in either one of the following cases -Head rotation are reached at 8,500rpm. -Bottom of the head is bumped on the ground when it is spinning.</p>	Ultra Auto 4R	4"	M8x1.25RH	ER2550L, ER2650L, ER2600L, ER400MP	2.4mm x 3m	Carton box	B-03006
Ultra Auto 4L		4"	M8&10x1.25 LH	DUR187U/L, DU188U/L, EM2500U/L, EM2600U/L, EBH252U/L, EBH253U/L, EM2510LH, EM2511LH, EM2650UH/LH, EM2651UH/LH, EM2653LH, EM2654LH, EM400MP, EM401MP, EM403MP, EM404MP, EM405MP, EM406MP	2.4mm x 3m	Carton box	*B-02945	
					2.4mm x 3m	Blister pack	B-05125	
Ultra Auto 6L		6"	M10x1.25LH	EBH340R, EBH341U/L/R, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U	3.0mm x 2m	Blister pack	*A-81658	

Eyellet 2pcs/set for Bump & Feed 4L/4R/Z5L, Ultra Auto 4R/4L/6L Part No. A-15992

 <p><b>Manual</b></p>			5"	-	EBH252U/L, BH253U/L, EM2510LH, EM2511LH, EM2650UH/LH, EM2651UH/LH, EM2653L, EM2654L, EM3400U/L, EBH340U/R, EBH341U/L/R, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U, EM400MP, EM401MP, EM403MP, EM404MP, EM405MP, EM406MP	2.4mm x 0.75m x 2	Carton box	B-02951
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## Line Character

	Sharpness	Energy Saving	Quietness
Round		A	A
Square	AA		
Four-Leaf	A	AA	AA



## Nylon cord



Size	Part No.	Size	Part No.	Size	Part No.
1.65mmx15m	DA0000003	2.4mmx5m	B-01971	3.0mmx4m	B-07375

## Four-leaf clover-like cross section

Spiral cord body





Size	Color	Part No.	Size	Color	Part No.
1.65mmx15m	Blue	198859-8 EU:198860-3	1.65mmx30m	Blue	198862-9 EU:198863-7
2.0mmx15m	Green	197472-9	2.0mmx160m	Green	197474-5
2.0mmx30m	Green	197473-7	2.0mmx280m	Green	197475-3
2.4mmx15m	Orange	198501-1	2.4mmx120m	Orange	198503-7
2.4mmx30m	Orange	198502-9	2.4mmx180m	Orange	198504-5
2.7mmx15m	Red	198505-3	2.7mmx90m	Red	198507-9
2.7mmx30m	Red	198506-1	2.7mmx160m	Red	198508-7

Size	Color	Part No.	Size	Color	Part No.	Size	Color	Part No.
1.65mmx15m	Blue	E-01731	1.65mmx30m	Blue	E-01747	1.65mmx445m	Blue	E-01753
2.0mmx15m	Green	E-01769	2.0mmx30m	Green	E-01775	2.0mmx310m	Green	E-01781
2.4mmx15m	Orange	E-01797	2.4mmx30m	Orange	E-01806	2.4mmx225m	Orange	E-01812
2.7mmx15m	Red	E-01828	2.7mmx30m	Red	E-01834	2.7mmx30m	Red	E-01840



## Protection guard

Shape	Type	Model No.	Description	Part No.
	Universal	DUR369A, DUR369L, UR101C, UR201C	With protector extension	191B54-1
		EM401MP	With protector extension, protector cover and protector clamp	195349-2
		EM401MP	Without protector extension	451566-7
		EM2500U/L, EM2600U/L	Without protector extension	DA00000525
		EBH252U, EBH253U, EM2510LH, EM2511LH, EM2650LH/UH, EM2651LH/UH, EM2653LH, EM2654LH, EM400MP	Without protector extension	452260-4
		EM403MP, EM404MP	Without protector extension	457271-4
		EBH340U, EM3400U/L, RBC411U	Without protector extension	451878-8
		EBH341U/L, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U	With protector clamp Without protector extension	196052-8
		EBH341U/L, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U	Without protector extension	452259-9
	Universal	EM401MP	Toolless / Without cord/line cutter	140583-9
		EBH252U, EBH253U, EM2650LH/UH, EM2651LH/UH, EM2510LH, EM2511LH, EM2653LH, EM2654LH, EBH341U/L, EM4350UH/LH/RH, EM4351UH, RBC411U, RBC412U, RBC413U, RBC414U, EM400MP	Toolless / With cord/line cutter	135398-7
		EM404MP	Toolless / Without cord/line cutter	144316-4
		EBH340U, EM3400U/L, RBC411U	Toolless / With cord/line cutter	140424-9
		EM2500U/L, EM2600U/L	Without cord/line cutter	DA00000526
	Exclusive	RBC411U, RBC412U, RBC413U, RBC414U	With protector clamp	196051-0
		EM4350RH, RBC411U, RBC412U, RBC413U, RBC414U		453874-2
		EM402MP	With protector clamp	125478-7
		EBH340R		XNR0000302
		EBH341R		XNR0000501

Shape	Type	Model No.	Description	Part No.
	Exclusive	UR100D	With cord/line cutter	135950-1
		DUR184L DUR189	Without cord/line cutter	456651-1
		DUR189	For AUSTRALIA Without cord/line cutter	458531-7
		DUR187L, DUR187U, DUR188L, DUR188U	Without cord/line cutter	457324-9
		DUR364L	Without cord/line cutter	455622-5
		DUR365U, DUR366L	With protector clamp	197295-5
		DUR369A/L/N, UR101C, UR201C, UR202C	Narrow type	191B55-9
		ER2550L, ER2650L		195803-6
		ER2600L		DA00000630
		EM2652LHN	Narrow type	196117-6
		EM2510LH, EM2511LH, EM2653LH, EM2654LH		197806-6 EU:197995-7
		EM405MP, EM406MP	Narrow type / Without cord/line cutter	457273-0
		EBH341R		XNR0000342
		EBH341U/L, EM4350UH/LH/RH, EM4351U RBC411U, RBC412U, RBC413U, RBC414U		197756-5
		DUR365U, DUR368A/L		197294-7
	for 200mm blade	EM4351UH, EM4350UH, EBH341U	With receive washer Part No. 332051-8	196480-7
	for 225mm blade	EM4351UH, EM4350UH	With receive washer Part No. 332051-8	196481-5

Conversion kit for Cutting blade (Protector for Cutting blade, Protector clamp and blade clamping washer & nut.)

### Plastic blade set

	Model No.	Plastic blade set			Replacement plastic blade	
		Arbore size	Cutting width	Part No.	per pkg.	Part No.
 X5	UR100D	M8x1.25RH	230mm	198848-3	5	198850-6 EU:198851-4
 x12	DUR187L/U, DUR188L/U, DUR189, DUR364L, DUR365U, DUR366L, DUR368A/L, DUR369A/L/N, UR101C, UR201C, EM403MP, EM404MP, EM405MP, EM406MP	M8x1.25RH M8x1.25LH M10x1.25LH	255mm	198383-1	12	198426-9
	DUR369A/L/N, UR101C, UR201C	M10x1.25LH	305mm	199868-0	12	199870-3

### Spool assembly



Model No.	Part No.
UR180D, DUR181	196146-9

### Shoulder strap assembly

Comfort: Part No.122906-3

Single: Part No.125516-5

\*Poly bag with header



Type	Model No.	Part No.
Single	DUR181, DUR184L, DUR187L, DUR188L, DUR189, DUR364L, DUR365U, UR100D, UR180D, DUR366L, DUX60, EBH252L, EBH253L, EBH341L, EM2510LH, EM2511LH, EM2650LH, EM2651LH, EM2653LH, EM2654LH, EM3400L, EN4950H, EN4951SH, EY2650H, EX2650LH, RBC411U, RBC412U	125516-5
Single	DUR187U, DUR188U, DUR368A/L, DUR369L, RBC413U, RBC414U	125520-4
Single	RBC411U	123633-5
Single	UR101C, UR201C	123422-8
W	RBC411U, RBC412U, EM3400U	125802-4
W	EM4350LH	126187-1
Comfort	DUR369A, EBH252U, EBH253U, EBH341U, EM2650UH, EM2651UH, EM4350UH, RBC411U, RBC412U, RBC413U, RBC414U	122906-3
Comfort	DUR369A, EBH252U, EBH253U, EBH341U, EM2650UH, EM2651UH, EM4350UH, EM4351UH	*199378-7

### String trimmer harness for DPC01





item	Part No.
A	191E43-4
B	197243-4

### Attachments for loop handle brushcutter

Do not use following attachments with DUR369L, DUR369N, UR201C & UR202C.

Shape	Model No.	Part No.
 Hedge trimmer Blade length: 490mm	EM2650LH, EM2651LH, EM2653LH, EN2654LH	198579-4
 Pole saw Bar length: 25cm (10") Saw chain: 91VXL-39links	EM2650LH, EM2651LH, EM2653LH, EN2654LH	196315-2
 Cultivator	EBH251L, EM2510LH,	B-04818
 Coffee harvester	EM2651LH	B-80210
 Coffee harvester	EJ2650LH, EM2650L	197666-6

### Attachments for back pack brushcutter

 Coffee harvester	EBH340R, EBH341R	B-80226
 Coffee harvester	EBH340R, EBH341R	197163-2

### Multi-tool attachments

Shape	Model No.	Part No.
 <b>Brushcutter</b> Cutting width: 420mm Spindle size: M10 x 1.25LH	EX2650LH	EM400MP

### String trimmer

Cutting width: 410mm  
 Spindle size:  
 M8 x 1.25RH



EX2650LH	ER400MP
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### Brushcutter

Cutting width: 300mm  
 Spindle size:  
 M10 x 1.25LH



DUX60	EM401MP
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### Brushcutter

Blade size: 230mm  
 Spindle size:  
 M10 x 1.25LH



DUX60, EX2650LH	EM402MP
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### Brushcutter

Cutting width: 450mm  
 Spindle size:  
 M10 x 1.25LH



DUX60, EX2650LH	EM403MP
DUX60 with CE mark	EM404MP

### Brushcutter

Cutting width: 450mm  
 Spindle size:  
 M10 x 1.25LH



DUX60, EX2650LH	EM405MP
DUX60 with CE mark	EM406MP

### Pole saw

Bar length: 25cm (10")  
 Saw chain: 91VXL-39links



DUX60, EX2650LH	EY401MP
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### Blower



EX2650LH	UB400MP
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Shape	Model No.	Part No.
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**Pole hedge trimmer**

Angle adjustment



DUX60, EX2650LH	EN401MP
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Straight



DUX60, EX2650LH	EN410MP
-----------------	---------

Ground trimmer



DUX60, EX2650LH	EN420MP
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**Cultivator**

Cultivating width: 160mm



DUX60, EX2650LH	KR400MP
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**Cultivator**

Cultivating width: 220mm

\* Rotor LR set :

P/N : 199204-0



DUX60, EX2650LH,	KR401MP
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**Power brush**

\* Brush wheel (1pc)

P/N : XNR0000548



DUX60, EX2650LH,	BR400MP
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**Power sweep**

\* Sweeper wheel (1pc) :

P/N : XNR0000549



DUX60, EX2650LH,	SW400MP
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**Coffee harvester**



DUX60, EX2650LH	EJ400MP
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**Edger attachment**



DUX60, EX2650LH	EE400MP
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Shape	Model No.	Part No.
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**Shaft extension attachment**

S For Pole saw, Pole hedge trimmer and Coffee harvester

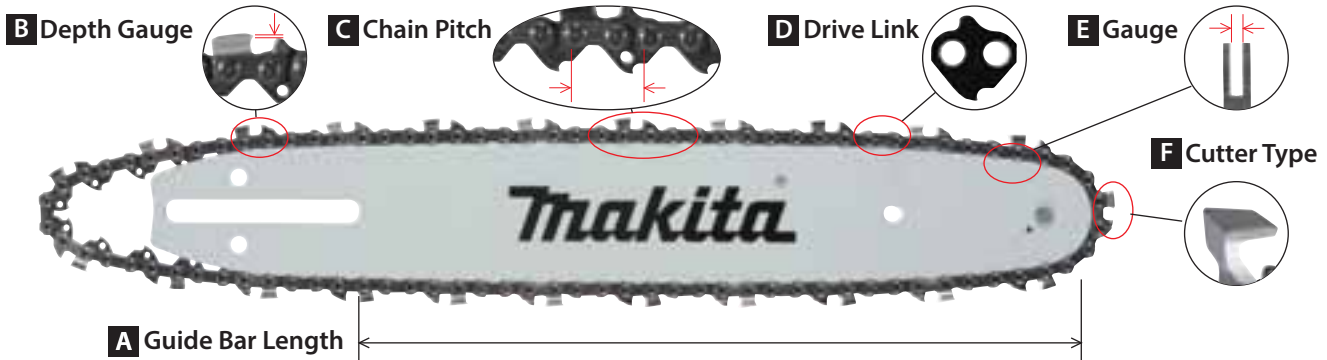


DUX60, EX2650LH	LE400MP
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# Accessories

## Saw Chain and Guide Bar



### A Guide Bar Length

Guide bar's length is represented by the cutting length, which is different from its total length.



### B Depth Gauge

Depth gauge means the gap between the top of the depth gauge and the top of the cutter and determines how deep the cutting teeth gets into the wood.



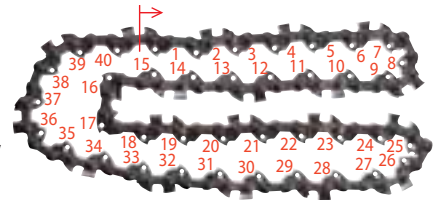
### C Chain Pitch

Chain pitch is the size of the chain, and is defined as the distance between any three consecutive rivets divided by two. Pitch is important because the drive sprocket must be the same pitch as the chain.



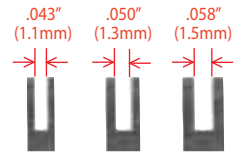
### D Drive Link

The length of saw chain is determined by counting the number of drive links in the saw chain.



### E Gauge

Chain Gauge is the drive link's thickness where it fits into the guide bar groove, matching the guide bar gauge. The gauge of the chain and the gauge of the bar must match.



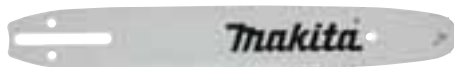
### F Cutter Type

F Cutter Type	MICRO CHISEL	SEMI CHISEL	CHAMFER CHISEL	FULL CHISEL
Abbreviation	MC	SC	CC	FC
End View				

## Guide Bar Type

### Sprocket Nose Bars

Sprocket nose bars have a rotating sprocket mounted on at the tip of the bar. As the chain moves along the bar, the sprocket teeth carry the chain around the tip smoothly with less friction.



### Hard Nose Bars(Solid Bar)

High wear resistant stellite is welded onto the tip. Hard nose bars are made for difficult situation, including fire-damaged forests, deserts, or sandy environments.



### Carving Bars

Carving bars are made of high-quality steel and high wear resistant stellite is welded onto the tip. The small nose radius is designed for precision cutting. The carving bars are made for especially pruning and carving.



## Guide Bar Maintenance

### Chain Tension

From time to time the saw chain tension before use. The saw chain may become loose after many hours of use.



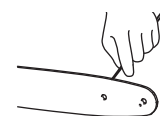
### File Bar Edge

File bar edge with a flat file to keep 90° once a week.



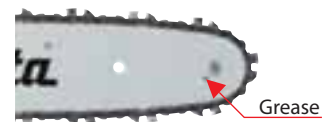
### Clean Guide Bar

Clean out the chips and sawdust every time when you sharpen or replace the saw chain



### Bar Nose Grease

Lubricate a whole sprocket regularly to make sure that the saw chain can rotate with less friction.

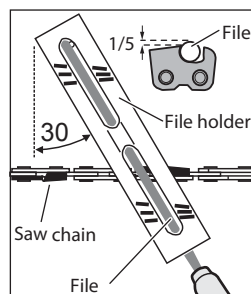


## Sharpening Saw Chain

### Round File and File holder



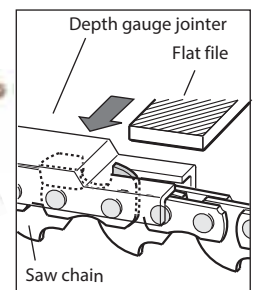
The file can be guided more easily if a file holder is employed. The file holder has markings for the correct sharpening angle of 30° (align the markings parallel to the saw chain) and limits the depth of penetration (to 4/5 of the file diameter).



### Depth gauge jointer

After sharpening the chain, check the height of the depth gauge using the chain gauge tool.

### Flat file



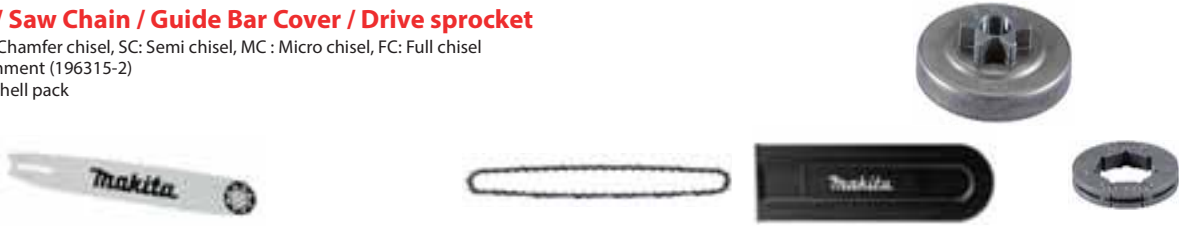
## Chain Saws

### Guide Bar / Saw Chain / Guide Bar Cover / Drive sprocket

Cutter type: CC: Chamfer chisel, SC: Semi chisel, MC : Micro chisel, FC: Full chisel

\* Pole saw attachment (196315-2)

\*\*without Clamshell pack



Model No.	Guide Bar					Saw Chain						Bar Cover	Drive sprocket		
	Bar length	Motor Mount	Type	Drive tooth	Part No.	No. of drive links	Gauge	Pitch	Type OREGON / DOLMAR	Cutter type	Part No. (Carton)	Part No. (Clamshell Pack )	Part No.	Type	Part No.
EY2650H, EY401MP 196315-2*	25cm/10"	A218	Sprocket nose bar	7	191G11-9	39	1.3mm/ .050"	3/8" LP	91VXL / 196	SC	191H20-4	191H91-1	452093-7	Sprocket 3/8"LP	XTM0000014
EA3110T	25cm/10"	A041	Sprocket nose bar	7	191G22-4	40	1.3mm/ .050"	3/8" LP	91PX / 492	CC	191H08-4	191H79-1	452093-7	Clutch drum	MR00286238
	30cm/12"	A041		7	MR00288413**	46					191H10-7	191H81-4	419561-3	3/8"LP	
EA3200S, EA3201S, EA3202S, EA3203S, EA3500S, EA3501S, EA3502S, EA3503S	30cm/12"	A041	Sprocket nose bar	7	191G15-1	46	1.1mm/ .043"	3/8" LP	90PX / 291	CC	191H01-8	191H72-5	419559-0 952010630	Clutch drum 3/8"LP	140484-1
	35cm/14"	A041		7	191G16-9	52					191H02-6	191H73-3	419560-5 952010640		
	40cm/16"	A041		7	191G17-7	56					191H03-4	191H74-1	419560-5 952010640		
	30cm/12"	A041	Sprocket nose bar	7	191G23-2	46	1.3mm/ .050"	3/8" LP	91PX / 492	CC	191H10-7	191H81-4	419559-0 952010630		
	35cm/14"	A041		7	191G24-0	52					191H11-5	191H82-2	419560-5 952010640		
	40cm/16"	A041		7	191G25-8	56					191H12-3	191H83-0	419560-5 952010640		
EA3600F, EA3601F	35cm/14"	A041	Sprocket nose bar	7	191G24-0	52	1.3mm/ .050"	3/8" LP	91PX / 492	CC	191H11-5	191H82-2	419559-0 952010630	Clutch drum 3/8"LP	165725-4
	40cm/16"	A041		7	191G25-8	56					191H12-3	191H83-0	419560-5 952010640		
EA4300F, EA4301F	35cm/14"	A041	Sprocket nose bar	7	191G24-0	52	1.3mm/ .050"	3/8" LP	91PX / 492	CC	191H11-5	191H82-2	419560-5 952010640	Clutch drum 3/8"LP	143339-9
	40cm/16"	A041		7	191G25-8	56					191H12-3	191H83-0	419560-5 952010640		
	45cm/16"	A041		7	191G26-6	62					191H13-1	191H84-8	419560-5 952010640		
	33cm/13"	K041	Sprocket nose bar	10	191G38-9	56	1.3mm/ .050"	.325"	95VPX / 484	MC	191H22-0	191H93-7	419559-0 952010630		
	38cm/15"	K041		10	191G39-7	64					191H23-8	191H94-5	419560-5 952010640		
45cm/18"	K041	Narrow Karf	10	191G40-2	72	191H24-6	191H95-3	419560-5 952010640							
EA5000P, EA5001P	33cm/13"	A095	High durability Sprocket nose bar	10	191G44-4	56	1.5mm/ .058"	.325"	21BPX / 086	MC	191H28-8	191H99-5	419559-0 952010630	Rim sprocket .325" SM7-7	181224040
	38cm/15"	A095		10	191G45-2	64					191H29-6	191J00-2	419560-5 952010640		
	45cm/18"	K095		10	191G46-0	72					191H30-1	191J01-0	952020650		
	38cm/15"	A095	High durability Sprocket nose bar	10	191G45-2	64	1.5mm/ .058"	.325"	21LPX / 686	FC	191H35-1	191J06-0	419560-5 952010640		
	45cm/18"	K095		10	191G46-0	72					191H36-9	191J07-8	952020650		
	38cm/15"	K095		High durability Sprocket nose bar	11	191G50-9					56	1.5mm/ .058"	3/8"		
	45cm/18"	K095	11		191G51-7	64	191H43-2	--	952020640						
	50cm/20"	K095	11		191G52-5	72	191H44-0	--	952020650						
	38cm/15"	K095	High durability Sprocket nose bar		11	191G50-9	56	1.5mm/ .058"	3/8"	73LPX / 099	FC				
	45cm/18"	K095		11	191G51-7	64	191H50-5					--	952020640		
50cm/20"	K095	11		191G52-5	72	191H52-1	--					952020650			
EA5600F	38cm/15"	A095	High durability Sprocket nose bar	10	191G45-2	64	1.5mm/ .058"	.325"	21BPX / 086	MC	191H29-6	191J00-2	419560-5 952010640	Rim sprocket .325" SM7-7	181224040
	45cm/18"	K095		10	191G46-0	72					191H30-1	191J01-0	952020650		
	38cm/15"	A095	High durability Sprocket nose bar	10	191G45-2	64	1.5mm/ .058"	.325"	21LPX / 686	FC	191H35-1	191J06-0	419560-5 952010640		
	45cm/18"	K095		10	191G46-0	72					191H36-9	191J07-8	952020650		
	38cm/15"	K095	High durability Sprocket nose bar	11	191G50-9	56	1.5mm/ .058"	3/8"	73DPX / 093	SC	191H42-4	--	419560-5 952010640		
	45cm/18"	K095		11	191G51-7	64					191H43-2	--	952020640		
	50cm/20"	K095		11	191G52-5	72					191H44-0	--	952020650		
	38cm/15"	K095		High durability Sprocket nose bar	11	191G50-9					56	1.5mm/ .058"	3/8"		
	45cm/18"	K095	11		191G51-7	64	191H50-5	--	952020640						
	50cm/20"	K095	11		191G52-5	72	191H52-1	--	952020650						

Model No.	Guide Bar						Saw Chain						Bar Cover	Drive sprocket	
	Bar length	Motor Mount	Type	Drive tooth	Part No.	No. of drive links	Gauge	Pitch	Type OREGON / DOLMAR	Cutter type	Part No. (Carton)	Part No. (Clamshell Pack)	Part No.	Type	Part No.
EA6100P, EA6101P	38cm/15"	A095	High durability Sprocket nose bar	10	191G45-2	64	1.5mm / .058"	.325"	21LPX / 686	FC	191H29-6	191J00-2	419560-5 952010640	Rim sprocket .325" SM7-7	181224040
	45cm/18"	K095		10	191G46-0	72					191H30-1	191J01-0	952020650		
	38cm/15"	K095	Solid bar with replaceable tip	11	191G50-9	56	1.5mm / .058"	3/8"	73LPX / 099	FC	191H48-2	--	419560-5 952010640	Rim sprocket 3/8" SM7-7	026224010
	45cm/18"	K095		11	191G51-7	64					191H50-5	--	952020640		
	50cm/20"	K095		11	191G52-5	72					191H52-1	--	952020650		
	45cm/18"	K095		11	191G56-7	64					191H50-5	--	952020650		
50cm/20"	K095	11		191G57-5	72	191H52-1					--	952020650			
60cm/24"	K095	11	191G58-3	84	191H54-7	--	952020660								
EA7300P, EA7301P, EA7900P, EA7901P	35cm/14"	D009	High durability Sprocket nose bar	11	445035655**	56	1.5mm / .058"	3/8"	73LPX / 099	FC	191H48-2	--	952020640	Rim sprocket 3/8" SD7-7	119224070
	38cm/15"	D009		11	445038655**	60					191H49-0	--	952020640		
	43cm/17"	D009		11	445043655**	64					191H50-5	--	952020640		
	45cm/18"	D009		11	445045655**	68					191H51-3	--	952020650		
	50cm/20"	D009		11	445050655**	72					191H52-1	--	952020650		
	60cm/24"	D009		11	445060655**	84					191H54-7	--	952020660		
	45cm/18"	D009	Solid bar	---	445045455**	68					191H51-3	--	952020650		
	50cm/20"	D009		---	445050455**	72					191H52-1	--	952020650		
	60cm/24"	D009		---	445060455**	84					191H54-7	--	952020660		
	70cm/28"	D009		---	445070455**	94					191H55-5	--	952030680		
	45cm/18"	D009		???	445045555**	68					191H51-3	--	952020650		
	50cm/20"	D009		Solid bar with replaceable tip	11	445050652**					72	191H52-1	--		
60cm/24"	D009	11	445060555**		84	191H54-7	--	952020660							
70cm/28"	D009	11	445070652**		94	191H55-5	--	952030680							

Cordless Chain Saws

DUC121, DUC122	16cm/ 6-1/4"	---	without sprocket	---	191G59-1	42	1.3mm / .050"	1/4"	25AP / 466	MC	191G95-7	191H66-0	416311-7	Sprocket 1/4"	221527-9
DUC204, DUC254, DUC254C	25cm/10"	---	Solid carving bar	---	191G61-4	60	1.3mm / .050"	1/4"	25AP / 466	MC	191G96-5	191H67-8	452093-7	Sprocket 1/4"	198259-2
	20cm/8"	A041	Sprocket nose bar	7	191G13-5	33	1.1mm / .043"	3/8" LP	90PX / 291	CC	191G99-9	191H70-9	458503-2	Sprocket 3/8" LP	199063-2
	25cm/10"	A041		7	191G14-3	40					191H00-0	191H71-7	452093-7		
DUC252, DUC302, DUC352, DUC252C	25cm/10"	---	Solid carving bar	---	191G61-4	60	1.3mm / .050"	1/4"	25AP / 466	MC	191G96-5	191H67-8	452093-7	Sprocket 1/4"	221528-7
	25cm/10"	A041	Sprocket nose bar	7	191G15-1	40	1.1mm / .043"	3/8" LP	90PX / 291	CC	191H00-0	191H71-7	452093-7	Sprocket 3/8" LP	221526-1
	30cm/12"	A041		7	191G16-9	46					191H01-8	191H72-5	419288-5		
	35cm/14"	A041		7	191G17-7	52					191H02-6	191H73-3	419288-5		
	25cm/10"	A041	Sprocket nose bar	7	191G23-2	40	1.3mm / .050"	3/8" LP	91PX / 492	CC	191H08-4	191H79-1	452093-7	Sprocket 1/4"	198259-2
	30cm/12"	A041		7	191G24-0	46					191H10-7	191H81-4	419288-5		
35cm/14"	A041	7		191G25-8	52	191H11-5					191H82-2	419288-5			
DUC256, DUC306, DUC356, DUC406, DUC256C	25cm/10"	---	Solid carving bar	---	191G61-4	60	1.3mm / .050"	1/4"	25AP / 466	MC	191G96-5	191H67-8	452093-7	Sprocket 1/4"	198259-2
	25cm/10"	A041	Sprocket nose bar	7	191G14-3	40	1.1mm / .043"	3/8" LP	90PX / 291	CC	191H00-0	191H71-7	452093-7	Sprocket 3/8" LP	199063-2
	30cm/12"	A041		7	191G15-1	46					191H01-8	191H72-5	419288-5		
	35cm/14"	A041		7	191G16-9	52					191H02-6	191H73-3	419288-5		
	40cm/16"	A041	7	191G17-7	56	191H03-4	191H74-1	419242-9	Sprocket 1/4"	198259-2					
	25cm/10"	A041	Sprocket nose bar	7	191G22-4	40	1.3mm / .050"	3/8" LP			91PX / 492	CC	191H08-4	191H79-1	452093-7
30cm/12"	A041	7		191G23-2	46	191H10-7							191H81-4	419228-5	
35cm/14"	A041	7		191G24-0	52	191H11-5			191H82-2	419288-5					
40cm/16"	A041	7		191G25-8	56	191H12-3			191H83-0	419242-9					
DUC303, DUC353, DUC400, DUC305, DUC355, DUC405	25cm/10"	---	Solid carving bar	---	191G61-4	60	1.3mm / .050"	1/4"	25AP / 466	MC	191G96-5	191H67-8	452093-7	Sprocket 1/4"	198259-2
	30cm/12"	A041	Sprocket nose bar	7	191G15-1	46	1.1mm / .043"	3/8" LP	90PX / 291	CC	191H01-8	191H72-5	419288-5	Sprocket 3/8" LP	199063-2
	35cm/14"	A041		7	191G16-9	52					191H02-6	191H73-3	419288-5		
	40cm/16"	A041		7	191G17-7	56					191H03-4	191H74-1	419242-9		
	30cm/12"	A041	Sprocket nose bar	7	191G23-2	46	1.3mm / .050"	3/8" LP	91PX / 492	CC	191H10-7	191H81-4	419228-5	Sprocket 1/4"	198259-2
	35cm/14"	A041		7	191G24-0	52					191H11-5	191H82-2	419288-5		
40cm/16"	A041	7		191G25-8	56	191H12-3					191H83-0	419242-9			

Electric Chain Saws

UC3041A, UC3541A, UC4041A	30cm/12"	A041	Sprocket nose bar	7	191G15-1	46	1.1mm / .043"	3/8"	90PX / 291	CC	191H01-8	191H72-5	419288-5	Sprocket 3/8" LP	221526-1
	35cm/14"	A041		7	191G16-9	52					191H02-6	191H73-3	419288-5		
	40cm/16"	A041		7	191G17-7	56					191H03-4	191H74-1	419242-9		
	30cm/12"	A041	Sprocket nose bar	7	191G23-2	46					191H10-7	191H81-4	419288-5		
	35cm/14"	A041		7	191G24-0	52					191H11-5	191H82-2	419288-5		
UC3050A, UC3550A, UC4050A, UC4550A, UC3051A, UC3551A, UC4051A, UC4551A	40cm/16"	A041	Sprocket nose bar	7	191G25-8	56	1.3mm / .050"	3/8"	91PX / 492	CC	191H12-3	191H83-0	419242-9	Sprocket 3/8" LP	221521-1
	30cm/12"	A041		7	191G23-2	46					191H10-7	191H81-4	419288-5		
	35cm/14"	A041		7	191G24-0	52					191H11-5	191H82-2	419288-5		
	40cm/16"	A041		7	191G25-8	56					191H12-3	191H83-0	419242-9		
	45cm/18"	A041	High durability sprocket nose bar	7	191G26-6	62					191H13-1	191H84-8	419242-9		
	30cm/12"	A041		9	191G32-1	45					191H09-2	191H80-6	419288-5		
	35cm/14"	A041		9	191G33-9	52					191H11-5	191H82-2	419288-5		
	40cm/16"	A041		9	191G34-7	56					191H12-3	191H83-0	419242-9		
5012B	30cm/12"	---	High durability sprocket nose bar	9	191G63-0	45	1.3mm / .050"	3/8"	91PX / 492	CC	191H09-2	191H80-6	410054-3	Sprocket 3/8" LP	221514-8



### Tie Strap & Tie Strap with Rivets

Saw chain type	pitch	gauge	Tie Strap (1pc)	Tie Strap with Rivets (1pc)
			Part No.	Part No.
25AP 466	1/4"	1.3mm/.050"	558466000	558466010
90PX 291	3/8"LP	1.1mm/.043"	510090030	510090010
91PX, 91VXL 492, 196	3/8"LP	1.3mm/.050"	558092000	558092010
95VPX 484	.325"	1.3mm/.050"	510084040	510084020
20BPX, 20LPX 082	.325"	1.3mm/.050"	558486000	558486010
21BPX, 21LPX 086, 686	.325"	1.5mm/.058"	558083000	558083010
72V, 72DPX, 72LPX 496, 100, 101	3/8"	1.3mm/.050"	558496000	558496010
73LPX, 73DPX 093, 099	3/8"	1.5mm/.058"	558093000	558093010

### Bar nut



\* Pole saw attachment (196315-2)

Model No.	Part No.
EY2650H, EY401MP*	XTM0000023
EA3110T	MR00283041
EA3200S, EA3202S, EA3500S, EA3502S	264055-1
EA4300F, EA5001P, EA5000P, EA6100P, EA6101P, EA7300P, EA7301P, EA7900P, EA7901P	252145-2 923208004

### Chain Saw Case (steel)

Model No.	Part No.
EA3200S, EA3201S, EA3202S, EA3203S, EA3500S, EA3501S, EA3502S, EA3503S, EA3600F, EA3601F, EA4300F, EA4301F, EA5000P, EA5001P, EA5600F, EA6100P, EA6101P	821672-6 988959634

### File and File holder

For Model:  
Chain saw  
\*with gurip



Saw chain type	Size	File	File and File holder
		Part No.	Part No.
25AP, 91PX, 91VXL, 466, 492, 196	4mm	*744003-1	-
	4mm	953003090	195089-2 953030010
90PX, 33SL, 34SL, 291	4.5mm	953003100	195923-6 953030020
20BPX, 21BPX, 21LPX, 95VPX, 082, 086, 686, 484	4.8mm	953003070	197712-5 953030030
72DPX, 72LPX, 72V, 73DPX, 73LPX, 496, 093, 099	5.5mm	953003040	95300000



### File handle, Flat file & Depth gauge jointer

For all saw chain



File handle	Flat file	Depth gauge jointer
Part No.	Part No.	Part No.
953004010	953003060	953100090

### Chain oil

item	Size	Part No.
 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)	100ml	182229-1
	1L	195093-1 988002656
	5L	988002658
	55L	988002260
	200L	988002261
 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.	1L	980008610
	5L	980008611
	55L	980008217
	200L	980008218

### Chip receiver assembly set

Keeps branch or leaf debris from scattering around.  
• Attachable to either side of the blade



Model No.	Description	Part No.
*DUM168	with thumb nut M4 x 2pcs	195279-7
DUH202, *DUM604, UH201D, *UM600D, *UM603D	One-touch installation / removal	198402-3 198401-5(EU)
DUH551, DUH651, UH4570, UH5570, UH5580, UH6580, UH6850, UH7580	One-touch installation / removal	194681-1
DUH483, DUH521, DUH523, UH522D, UH4261, UH4861, UH5261	With binding head screw M5X12 x 5pcs	195050-9
DUH501, DUH502, DUH601, DUH602, DUH751, DUH752	One-touch installation/removal	199151-5
DUH604S		191D33-1
DUH754S		191D34-9

### Toothed edge

designed like saw teeth can catch and prevent leaf or twig debris from falling over the edge of chip receiver.



### Anti-slide ribs

on the bottom plate prevents leaf or twig debris from sliding and slipping out of chip receiver.



Model No.	Description	Part No.
EH6000S, EH7500S	without blade guard	451866-5
EH6000S	with blade guard	452165-8
EH7500S, EN7350S	with blade guard	452166-6
EH7500S, EN7350S	without blade guard	With binding head screw M5X12 x5pcs 196777-4
EH7500S, EN7350S	with blade guard	With binding head screw M5 x 12 x 5pcs. 195321-4

### Hook holder for 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

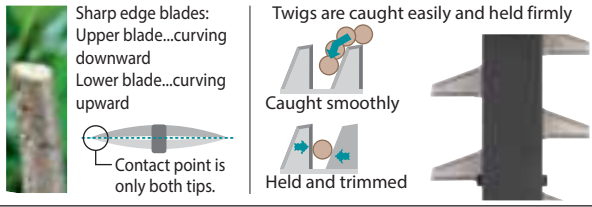


## Shear blade & Blade cover for Hedge Trimmer

### Blade type

#### A: Curving blade

Optimum blade shape for smooth cutting



#### B: High grade blade

Upper/ Lower blade teeth with 3 sharpened edges for clean cut.



#### C: Stain-free blade

Non-electrolyzed nickel plating. Evenly and strongly adhered surface coating that features high anti-abrasion surface for long lasting coating.



Model No.	Blade assembly		Blade cover
	Blade type	Part No.	Part No.

Cordless Hedge Trimmer

\*for China, Hong Kong, Korea, Malaysia, Philippines, Singapore, Taiwan & Vietnam.

\*\*for Canada & Mexico

UH201D	C	198409-9 EU:198408-1	451816-0
DUH551	C	196687-5	450489-6
DUH651	C	196688-3	450490-1
DUH481, DUH483, UH482D	C	195768-2	452684-4
DUH521, DUH523U, UH520D, UH522D	C	195769-0	452685-2
DUH501	A	199098-3	458413-3
DUH601	A	199099-1	458414-1 *459121-9
DUH604S	A	191D38-1	412355-5
DUH751	A	199100-2	458415-9 *459122-7
DUH502	B	199598-3	459120-1
DUH602	B	199599-1	459121-9
DUH752	B	199600-2	459122-7
DUH754S	A	191D39-9	412356-3
DUH502	B	**199236-7	**459120-1
DUH602	B	**199101-0	**459121-9
DUH752	B	**199102-8	**459122-7

Pole Hedge Trimmer (Cordless, Petrol, Multi-tool attachments)

\*with Blade guard

\*\*without Blade guard

DUN500W	A	191C14-9	458413-3
DUN501W	B	191E73-5	459120-1
DUN600L	A	191C13-1	458414-1
EN420MP	B	198195-2	457036-4
EN401MP, EN410MP, EN4950H, EN4951SH	B	197763-8 EU:197768-8	454279-9
EN5950S	B	*126280-1	454278-1
		**126281-9	454278-1
EN7350S	B	126285-1	451868-1

Model No.	Blade assembly		Blade cover
	Blade type	Part No.	Part No.

AC Hedge Trimmer

UH4261	C	140826-9	452683-6
UH4570	C	194660-9	450489-6
UH4861	C	140830-8	452684-4
UH5261	C	140827-7	452685-2
UH5570	C	194663-3	450489-6
UH5580	C	194671-4	450489-6
UH6580	C	194673-0	450490-1
UH6570	C	194666-7	450490-1
UH7580	C	194675-6	450490-1

Petrol Hedge Trimmer

\*for blade without end cover

\*\*for blade with end cover

EH5000W	B	198049-3	*452328-6 **454279-9
EH6000W	B	196797-8	*452327-8 **454278-1
EH7500W	B	196799-4	*452326-0 **454277-3
EH6000S	B	196803-9	451869-9
EH7500S	B	196801-3	451868-1

### End cover & Blade cover set



Model No.	Part No.
EH5000W, EN4950H, EN401MP, EN410MP	196264-3
EH6000W, EN5950S	196262-7
EH7500W, EN7350S	196261-9

### Blade guard



Model No.	Part No.
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Petrol Hedge Trimmer

EH5000W, EH6000W, EH7500W, EN4951S, EN5950S	454672-7
EH6000S, EH7500S, EN7350S	346731-0

Cordless Hedge Trimmer

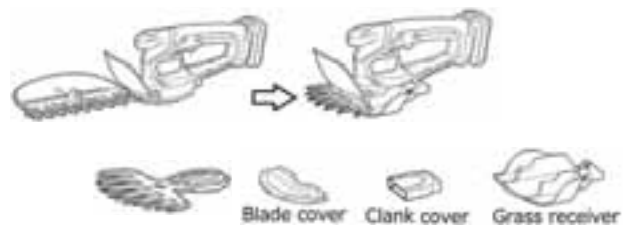
DUH501, DUH502, DUH601, DUH602, DUH751, DUH752	458408-6
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### Shear blade & Blade cover for Grass Shear



Model No.	Blade assembly	Blade cover
	Part No.	Part No.
DUM168, DUM604, UM600D, UM603D	195267-4	452055-5

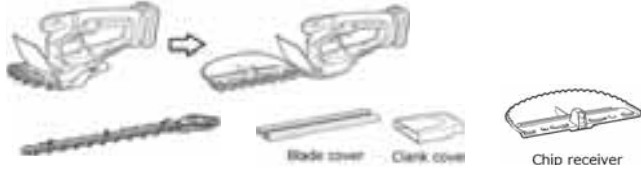
### Conversion from Hedge Trimmer to Grass Shear



\*with grass receiver and clank cover.

Model No.	Blade assembly	Blade cover	Clank cover
	Part No.	Part No.	Part No.
UH201D	195267-4	*198411-2 *198412-0(EU)	452198-3

### Conversion from Grass Shear to Hedge Trimmer



\*With clank cover

Model No.	Blade assembly	Blade cover	Chip receiver
	Part No.	Part No.	Part No.
DUM604, UM600D, UM603D	198409-9 EU:198408-1	451816-0	198402-3 EU: 198401-5
		*195274-7	
DUM168	195178-3 EU:195272-1	451816-0	195279-7
		*195274-7	

### Base frame



\*with grass Shear blade

Model No.	Part No.
DUM168	326146-7 + 451810-2

### Grass Receiver



\*with grass Shear blade

Model No.	Part No.
DUM604, UM600D, UM603D, *UH201D	457426-1

### Long attachment handle (Extension handle kit)

Photo:198486-1

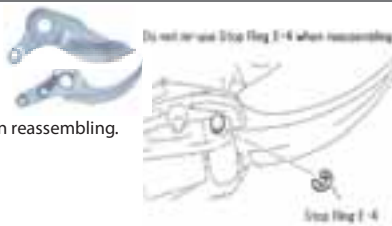


\*with grass shear blade

Model No.	Part No.
DUM604, UM600D, UM603D, *UH201D	198516-8 EU:198486-1

### Pruning Shear blade

Shear blade (U)



Shear blade (L)

Do not re-use Stop Ring E-4 when reassembling.  
Stop Ring E-4

\*With Stop Ring E-4 (P/N:961011-9)

\*\*Hex socket button head screw M3x6 P/N:266183-8 & Shoulder bolt M8 P/N:251573-8 are also necessary.

Model No.	TYPE	*Shear blade (U)	Shear blade (L)
		Part No.	Part No.
DUP361 DUP362	Standard	197748-4 EU: 197588-0*	197749-2 EU: 197367-6
	For hard branch	199168-8	199169-6
	For thin branch	199314-3**	199171-9**

### Branch catcher set



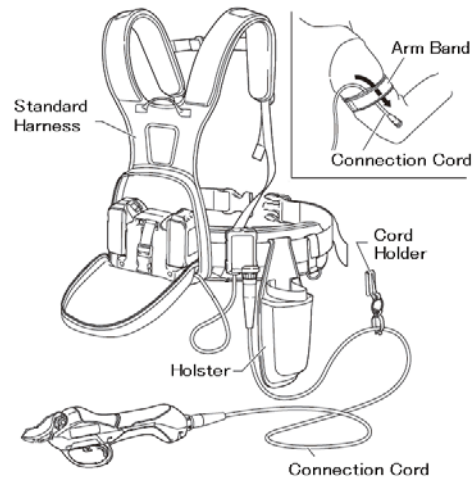
Model No.	Part No.
*DUP361, *DUP362	199311-9

### Diamond file for shear blade



Model No.	Part No.
DUP361, DUP362	794530-8

### Battery powered pruning shear others accessory



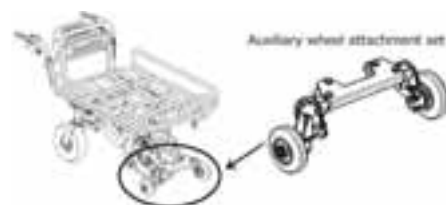
Model No.	Item	Part No.
DUP361 DUP362	Standard Harness	161377-9
	Narrow Strap Harness for Summer	161603-6
	Holster	161379-5
	Arm Band	166062-9
	Cord Holder	154511-8
	Connection Cord	661445-3

### Wheelbarrow attachment

Carrier set



Bucket set



Model No.	TYPE	Part No.
DCU180	Carrier set (Pipe deck)	199116-7 EU:199009-8
	Bucket set	198494-2 EU:199008-0
	Auxiliary wheel attachment set	191A01-6

## Rotary lawn mower blade



Model No.	Size(mm)	Part No.
Cordless Lawn Mower		
DLM380	380	196863-1
DLM382	380	191D41-2
DLM431	430	197761-2 EU:197762-0
DLM432	430	191D43-8
DML460	460	199367-2
DLM462	460	199367B2
DLM530, DLM531, DLM532, DLM533	530	191D52-7
Electric Lawn Mower		
ELM3320	330	YA00000745
ELM3720	370	YA00000746
ELM4120	410	YA00000747
ELM4121	410	YA00000738
ELM4620	460	YA00000741
ELM4621	460	YA00000741
Petrol Lawn Mower		
PLM4120N	410	671001433
PLM4620N2, PLM4621N2, PLM4622N2, PLM4626N, PLM4627N, PLM4628N, PLM4630N2, PLM4631N2, PLM4632N	460	DA00001274
PLM5130N	510	DA00001276
PLM5113N2	510	DA00000973
PLM5600N2	560	DA00001275
Petrol Mulching Mower		
PLM4817, PLM4818, PLM4819	480	DA00000532
PLM5120N2, PLM5121N2	510	DA00000944

## Rotary lawn mower swing back blade

Model No.	Swing back blade set		Replacement blade set	
	Size(mm)	Part No.	Par pkg.	Part No.
DLM530, DLM531, DLM532	530	191D48-8	4	191D48-8

## Scarifyer drum

Model No.		Part No.
UM3200	Scarifying	652024718
	Lawn Raking	652024719
UM3600	Scarifying	652024746
	Combination	652024750
	Lawn Raking	652024749

## Hose set (Delivery hoses (8m, 27ft) and two way adjustable nozzle set)

For Model:  
EW1050, EW1060  
\*Standard equipment



Part No.  
B-10671

## Trolley kit



Model No.	Part No.
EK7300, EK7301	DT2010
EK8110	DT2020
EK7650H, EK7651H	DT4000

## Vacuum attachment



Model No.	Description	Part No.
DUB363	Vacuum kit set	191E19-1
BHX2500, BHX2501	Vacuum set	197234-5 EU:197235-3

## Pipe, End pipe, Flat nozzle & others accessory



Model No.	Items	Description	Part No.
DUB184, DUB362, DUB363	Extension Nozzle		197888-8
	Flat nozzle		197889-6
DUB184	Adapter pipe 80-72 set		191B21-6
DUB184, DUB362	Shoulder belt		166094-6
EB5300TH, EB5300WH, EB7660TH, EB7660WH	Long pipe 90 set	-	197723-0
	Short pipe 90 set	-	196912-4
	End nozzle 90-60	Blowing velocity-oriented	454896-5
	End nozzle 90-62	-	198034-6
	End nozzle 90-68	-	197722-2
	End nozzle 90-70	Blowing volume-oriented	455128-3
	Flat nozzle	-	196911-6
	Sternum strap	-	196733-4 199237-5(EU)
EB5300TH, EB5300WH	Hip belt	-	198645-7 199238-3(EU)
EB7660TH, EB7660WH	Hip belt	-	196956-4
PM7650H, PM7651H	Nozzle 0.5	For ULV (Ultra-Low-Volume)	326378-6
	Nozzle 0.8	For ULV (Ultra-Low-Volume)	326214-6
	Nozzle 0.7	For ULV (Ultra-Low-Volume)	326212-0
	Bent pipe 630	-	453507-9
	Straight pipe 630	-	453699-4
	Straight pipe 380	-	453700-5
	End pipe 200	-	455631-4
	End pipe 450	-	455632-2
	Flat pipe	-	455634-8
	Top adapter	-	453986-1
	Deflector set	-	198248-7
	O ring set	-	197070-9
	Hip belt set	-	197055-5 199240-6(EU)
	Sternum strap	-	196733-4 199237-5(EU)
BHX2500, BHX2501	Pipe	-	451752-0
	End Pipe (Flat nozzle)	-	451753-8

### Nozzle assembly

A:Standard equipment



Model No.	Size(mm)	Type	Part No.
DUB182	220	A	132025-7
	430	-	134182-7

### Bending long nozzle set

\* long nozzle



Model No.	Part No.
DUB183	TP00000199

### Dust Bag



Model No.	Part No.
DUB182	122814-8

### Flexible hose set

(Total length: 95cm)



Model No.	Part No.
DUB182	191750-9

### Sprayer accessories for EF1550RH & EVH2000

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 		for general pesticide applications using insecticides, fungicides, etc.	6958025000
Long two head nozzle 		Wide sprayibg with wide angle outlet.	6949001000
U-shaped double nozzle 		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.
Jet nozzle 2 	Diffusion or straight is selectable with one tach		6939024000
Super jet nozzle 	Diffusion or straight is selectable.		6939028000

### Power washer accessories for DHW080, HW1200, & HW1300

Shape	Model No.	Part No.	
Trigger gun set 	DHW080 HW1200 HW1300	197842-2	
Variable nozzle set 	DHW080 HW1200 HW1300	197822-8	
Variospray lance set 	DHW080 HW1200 HW1300	197876-5	
Cyclone jet nozzle set 	DHW080 HW1200 HW1300	197824-4	
Cyclone guard set 	DHW080 HW1200 HW1300	197864-2	
Under body spray lance set 	DHW080 HW1200* HW1300* (*for 110-127V)	197859-5	
	HW1200** HW1300** (**for 220V-240V)	198909-9	
Extension pipe set (0.9m / 1.3m / 1.7m) 	DHW080 HW1200 HW1300	197870-7	
Rotating brush set 	DHW080 HW1200 HW1300	197831-7	
Wash brush set 	DHW080 HW1200 HW1300	197828-6	
Foam nozzle set 	DHW080 HW1200 HW1300	197886-2	
Pipe cleaning hose 	DHW080 HW1200 HW1300	10m	197837-5
		15m	197840-6
High pressure extension hose 	DHW080 HW1200 HW1300	5m	197845-6
		8m	197847-2
		10m	197850-3
Twist prevention joint set 	DHW080 HW1200 HW1300	197867-6	
Self-suction hose set 	DHW080 HW1200 HW1300	197873-1	
Accessory joint set 	DHW080 HW1200 HW1300	197853-7	
Absorption connector set 	DHW080 HW1200 HW1300	197881-2	
One touch joint set 	DHW080 HW1200 HW1300	197883-8	
Cleaner pin set 	DHW080 HW1200 HW1300	197879-9	

## Gasoline filter, Spark plug & Air cleaner element

Gasoline filter

163518-3

Air cleaner element

443171-4

PRE FILTER (Foam)

\*\*\*D010114020:Filter Repair kit, (Felt element 5pics)



Model No.	Gasoline filter	Spark plug		Air cleaner element	
	Part No.	Type	Part No.	Type	Part No.
BHX2500, BHX2501	163447-0	NGK CMR6A	168401-9	PRE FILTER (Foam)	443141-3
				AIR FILTER (Non-woven fabric)	443140-5
EA3110T	MR00286749	NGK BPMR8Y	649500-1		MR00285584
EA3200S, EA3201S, EA3202S, EA3203S, EA3500S, EA3501S, EA3502S, EA3503S	163447-0	NGK CMR6A	168401-9		423414-0
EA3600F, EA3601F	163518-3	NGK BPMR8Y	649500-1	AIR FILTER (Nylon mesh)	126370-0
EA4300F, EA4301F	163447-0	NGK CMR7A-5	168599-2	AIR FILTER (Nylon mesh)	123452-9
				AIR FILTER (Fleece)	123453-7
EA5000P, EA5001P	D010114200	NGK BPMR7A	168648-5	AIR FILTER (Nylon mesh)	181173090
				AIR FILTER (Fine Nylon mesh)	181173240
				AIR FILTER (Fleece)	181173190
EA5600F	D010114200	NGK BPMR7A	168648-5	AIR FILTER (Paper)	131173010
EA6100P, EA6101P	D010114200	NGK BPMR7A	168648-5	AIR FILTER (Paper)	130173010
EA7300P, EA7301P, EA7900P, EA7901P	D010114200	NGK BPMR7A	168648-5	AIR FILTER (Nylon mesh)	38173011
				AIR FILTER (Fleece)	38173101
				HD (HEAVY DUTY) FILTER (convert set)	957173400
				AIR-FILTER CARTRIDGE for HD FILTER	38173310
				PRE-FILTER for HD FILTER	38173350
EB5300TH/WH	163532-9	NGK CMR6H	168652-4	AIR FILTER (Paper)	198284-3 EU:198292-4
EB7650TH/WH	163532-9	NGK CMR6A	168401-9	AIR FILTER (Paper)	412145-6
EB7660TH/WH	163532-9	NGK CMR6H	168652-4	AIR FILTER (Fleece)	424809-0
EBH252U, EBH253U, EBH341L/U	163447-0	NGK CMR4A	168534-0	PRE FILTER (Foam)	443141-3
				AIR FILTER (Non-woven fabric)	443140-5
EBH340R/U, EBH341R	163447-0	NGK CMR6A	168401-9	PRE FILTER (Foam)	443141-3
				AIR FILTER (Non-woven fabric)	443140-5
EE2650H, EM2510LH, EM2511LH, EM2550UH	163518-3	NGK CMR4A	168534-0	PRE FILTER (Foam)	443171-4
				AIR FILTER (Non-woven fabric)	443169-1
EF1550RH	163447-0	NGK CMR4A	168534-0	AIR FILTER (Foam)	443141-3
EH5000W, EH6000S/W, EH7500S/W	163518-3	NGK CMR6A	168401-9	PRE FILTER (Foam)	443157-8
				AIR FILTER (Non-woven fabric)	443158-6
EK6100, EK6101	163499-1 D010114020***	NGK BPMR7A	168648-5	AIR FILTER (Paper)	424789-0
				AIR FILTER (Nylon mesh)	424790-5
EK7300, EK7301, EK8100	163499-1 D010114020***	NGK BPMR7A	168648-5	PRE FILTER (Foam)	424700-2
				AIR FILTER (Paper)	424701-0
				AIR FILTER (Nylon mesh)	424705-2
EK7650H, EK7651H	163447-0	NGK CMR6H	168652-4	Air cleaner element set (with 166106-5 DUST BAG, 195945-6 PRE FILTER SET x5, 442165-6 AIR FILTER)	195599-9
EK8110	163499-1 D010114020***	NGK BPMR7A	168648-5		399173010
EM2500L, EM2500U	DA00000119	NGK BPMR7A	168648-5		A00000105
EM2510LH, EM2511LH, EM2550UH, ER2550LH	163447-0	NGK CMR4A	168534-0	PRE FILTER (Foam)	443141-3
				AIR FILTER (Non-woven fabric)	443140-5
EM2600L/U, ER2600L	DA00000119	NGK BPMR7A	168648-5		A00000423
EM3400L/U	163447-0	NGK BPMR7A	168648-5	AIR FILTER (Paper)	443194-2
EM4350LH/RH/UH, EM4351UH	163518-3	NGK CMR6A	168401-9	PRE FILTER (Foam)	443196-8
				AIR FILTER (Paper)	442181-8
EN4950H, EN4951SH, EN5950S, EN7350S, ER2650LH, EX2650LH, EY2650H	163518-3	NGK CMR4A	168534-0	PRE FILTER (Foam)	443171-4
				AIR FILTER (Non-woven fabric)	443169-1
EVH2000	163447-0	NGK CMR6A	168401-9	AIR FILTER (Foam)	5923503200
EW1050H, EW1060H	163447-0	NGK CMR6A	168401-9	PRE FILTER (Foam)	443141-3
				AIR FILTER (Non-woven fabric)	443140-5
PE3450H	163447-0	NGK CMR6A	168401-9	PRE FILTER (Foam)	443171-4
				AIR FILTER (Non-woven fabric)	443169-1
PM7650H, PM7651H	163532-9	NGK CMR6A	168401-9	AIR FILTER (Paper)	442181-8
RBC411U, RBC412U	161446-6	NGK BPMR7A	168648-5	PRE FILTER (Foam) Square	443162-5
		/ NGK BPM7A	/ 168588-7	AIR FILTER (Foam) Round	443161-7
RBC413U, RBC414U	163447-0	NGK BPMR7A / NGK BPM7A	168648-5 / 168588-7	AIR FILTER (Foam)	443180-3



## Spark plug



Type	Wrench size (mm)	Part No.
NGK CMR4A	16	168534-0
NGK CMR6A	16	168401-9
NGK CMR6H	16	168652-4
NGK CMR7A-5	16	168599-2
NGK BPMR7A	19	168648-5
NGK BPM7A	19	168588-7
NGK BPMR8Y	19	649500-1
NGK BMR7A	19	168662-1

## 4-stroke engine oil



Size	Part No.	Description
100ml	191A18-9	without master carton
100ml x10	191A14-7	with master carton
140ml	198279-6	with master carton
	EU:198290-8	
220ml	195816-7	with master carton
	195532-1	without master carton
600ml	980308620	

## Grease vessel set



Description	Size		Part No.
For Pole hedge trimmer and Multi-tool attachments (Cultivator, Power brush and Power sweep) (GREASE NO.0)	80ml		197439-7
For string trimmer, Brushcutter and Hedge trimmer (GREASE NO.2)	80ml		199450-5
For string trimmer, Brushcutter and Hedge trimmer (GREASE NO.2)	80ml	For RUSSIA	199456-3

## High-performance two-stroke engine oil 50:1

\*with measuring cup



Size	Part No.
100ml	195957-9 980008606
1L	980008607
1L*	980008612
5L	980008618
55L	980008150
200	980008151

## Fuel mixture



Size	Part No.
1L	456236-3

## Safety goggles

Photo:  
195246-2













Part No.
192219-6
195246-2

# ACCESSORIES

## ▣ Miscellaneous



<p><b>Adjustable wrench</b></p> 			<p>Wide excursion jaw allows each tool to work with even more fastener sizes.</p>
<p><b>Spanner</b></p>	<p><b>Open end</b></p> 		<p>U-shaped opening grips with two opposite face of the bolts and nuts. Due to the opening, it can easily access to bolts and nut.</p>
	<p><b>Flare end</b></p> 		<p>Narrow opening which is wide enough to fit over the tube. Large contact surface with fastener reduces rounding. Suitable for aluminum, copper and brass hexagonal fittings on oil pipe.</p>
	<p><b>Box end</b></p> 		<p>Enclosed opening grips snugly fits the faces of the bolts and nuts. Force can be applied to bolts or nuts with decreased chance of damaging.</p>
<p><b>Ratcheting wrench</b></p> 			<p>The ratcheting mechanism allows fastener to be tightened or loosened without disconnecting the tool from it. It makes the works more rapidly.</p>
<p><b>Hex key wrench with ball-end</b></p> 			<p>Used for tightening or loosening cap screw and bolts with hexagonal sockets attached to their heads. A ball end allows the tool to be used at an angle off-axis to screw and bolt. It means it can used at tightening area.</p>



# Accessories

## Tape measure



Makita tape measure is highly durable and convenient. When the scales are blurred or hook is lost, that would be the end of it's life. This measure is for professional which has a special coated tape, hook protector and damper which absorbs shocks leads to great durability.



### ■ Feature

#### 1. Special Coating

- \* "DURA COAT" makes 5 times more durable
- \* "SILICA COAT" makes easier note



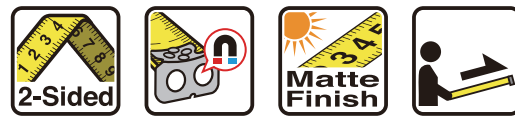
#### 2. High durability of Hook

- \* Installed damper absorbs the shock on the hook
- \* Hook protector reduces the shock on the hook
- \* Tightly fixed hook with "4rivets+protector"

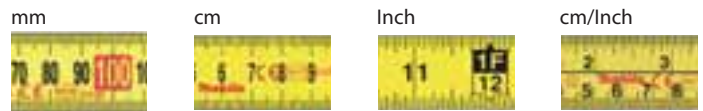


#### 3. Convenience

- \* 2-sided print
- \* Hook with magnet
- \* "Matte finish" makes easier to read scales
- \* Standout



### ■ Printed size



## New!!

### Tape measure with holder & safety cord



A safety cord prevents measure from falling which prevents an accident such as dropping a measure from high work sight. Actually, there was an fatal accident caused by the drop of measure.



Measure is attachable with a single touch. Press down the yellow lever and take off the measure.





**Tape measure**



Size	Length	Width	Part No.
cm	3.5m	16mm	B-57130



Size	Length	Width	Part No.
mm	5.5m	25mm	B-68507
	7.5m	25mm	B-68513
cm	5.5m	25mm	B-57146
	7.5m	25mm	B-57152
inch	18ft	1"	B-57180
	25ft	1"	B-57196
cm/inch	5.5m/18ft	25mm/1"	B-57211
	7.5m/25ft	25mm/1"	B-57227



Size	Length	Width	Part No.
mm	10m	25mm	B-68529
cm	10m	25mm	B-57168
inch	33ft	1"	B-57205

**Tape measure with holder & safety cord**



Size	Length	Width	Part No.
cm	7.5m	25mm	B-57174
cm/inch	7.5m/25ft	25mm/1"	B-68351

**Screw driver**



Size	Length (mm)	Part No.	
+	PH1	100	B-65903
	PH2	100	B-65919
	PH3	150	B-65931
+	PZ1	80	B-65947
	PZ2	100	B-65953
	PZ3	150	B-65969
*	T10	100	B-65975
	T15	100	B-65981
	T20	100	B-65997
	T25	100	B-66008
	T30	100	B-66014
-	SL4.0	100	B-66020
	SL5.5	100	B-66036
	SL6.5	125	B-66042
	SL8	150	B-66058

**Go thru Screw driver**



Size	Length (mm)	Part No.	
+	PH1	75	B-66064
	PH2	100	B-66070
	PH3	150	B-66086
+	PZ1	75	B-66092
	PZ2	100	B-66101
	PZ3	150	B-66117

**Shock driver**



Size	Length (mm)	Part No.	
+	PH2	125	B-42438
	PH3	150	B-42444
+	PZ2	125	B-42450
	PZ3	150	B-42466

**Ratchet screwdriver**

With screw bit 25mm (PH2)x1pcs.



Part No.
D-58833

**40 pcs. Ratcheting Tap & die set**

Small/ Medium Ratcheting T wrench, Small Tap adapter, Medium Tap adapter  
 Medium Hex die adapter, Screw driver, Pitch gauge,  
 NC Hex die: 3mmx0.50, 3mmx0.60, 4mmx0.70, 4mmx0.75, 5mmx0.80, 5mmx0.90,  
 6mmx1.00, 7mmx1.00, 8mmx1.25, 9mmx1.25, 10mmx1.50, 11mmx1.50, 12mmx1.75  
 NC Plug Tap: 8mmx1.25, 9mmx1.25, 10mmx1.50, 11mmx1.50, 12mmx1.25  
 NC Taper Tap: 3mmx0.50, 3mmx0.60, 4mmx0.70,  
 4mmx0.75, 5mmx0.80, 5mmx0.90, 6mmx1.00, 7mmx1.00  
 NF Hex Die: 9mmx1.00, 10mmx1.5, 12mmx1.50  
 NF Plug Tap: 9mmx1.00, 10mmx1.25, 12mmx1.50  
 BSP Hex Die: 1/8-28, BSP Tap 1/8-28



Part No.
B-65838

**Ratcheting tap & die handle**



Part No.
B-65866

**Tap adapter**



Part No.
B-65872

**Twist lock die adapter**



Part No.
B-65888



**Ratchet & socket set**



Drive	Contents	Sum	Part No.
1/4" SQ	84T Ratchet, bit adapter, Slide T bar, Socket: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm, Deep socket: 5, 6, 7, 8, 9, 10, 11, 12, 13mm, Extension bar: 3", 6", T bit: T8, T10, T15, T20, T25, T27, T30, T40x25mm	34	B-65567
3/8" SQ	84T Ratchet, Adapter to 1/2" SQ, Socket: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20mm, Middle socket: 8, 10, 13, 16, 17, 19mm, Extension bar: 3", 6"	23	B-65573
1/2" SQ	84T Ratchet, Adapter to 3/8" SQ, Universal joint, Socket: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm, Extension bar: 5", 10"	23	B-65589

**Pass thru socket set**



Contents	Sum	Part No.
Pass thru Socket: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm, Socket adapter: 1/4", 3/8", Pass thru Extension bar: 75mm, Ratchet handle (Pass thru handle straight)	14	B-65595
Pass thru Socket: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm, Pass thru Socket: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", Socket adapter: 1/4", 3/8", Pass thru Extension bar: 75mm, Ratchet handle (Pass thru handle straight)	21	B-65604

**Pass thru extension bar**



Part No.
B-65632

**Socket adapter**



Size	Part No.
1/4"	B-65844
3/8"	B-65850

**Locking flex pass thru handle**



Part No.
B-65626

**Pass thru handle straight**



Part No.
B-65610

**Pass thru socket**



Size	Part No.	Size	Part No.
10mm	B-65648	15mm	B-65698
11mm	B-65654	16mm	B-65707
12mm	B-65660	17mm	B-65713
13mm	B-65676	18mm	B-65729
14mm	B-65682	19mm	B-65735

**Retractable utility knife**



Part No.
B-65785

**Quick change Folding utility knife**



Part No.
B-65501

**Spare blade 10 pcs. set**

Part No.
B-65517

**Snap-off knife**



Part No.
D-58855



Part No.
D-65713

**Box joint water pump pliers**



Overall length	MAX Jaw size	Part No.
7"(180mm)	37mm	B-65741
9.5"(240mm)	49mm	B-65757
12"(300mm)	68mm	B-65763

**Water pump pliers**



Overall length	MAX Jaw size	Part No.
10"(250mm)	51mm	B-65486
12"(300mm)	76mm	B-65492

**Smooth face claw hammer**



Overall length	Size	Part No.
250mm	20OZ. (0.57kg)	B-65779

**Aviation snip**



Description	Cutting capacity		Part No.
	Cold-rolled steel	Stainless steel	
Cuts straight	18ga (1.22mm)	23ga (0.61mm)	B-65791
Cuts left			B-65800
Cuts right			B-65816
Bull dog			B-65822

**Adjustable wrench**



Length	Capacity	Part No.
6"(150mm)	29mm	B-65414
8"(200mm)	36mm	B-65420
10"(250mm)	38mm	B-65436
12"(300mm)	43mm	B-65442

**11 pcs. Pass thru adjustable wrench set**



Description	Size	Part No.
Adjustable wrench	200mm	B-65458
3/8" socket	3/8"(10mm), 7/16"(11mm), 15/32"(12mm), 1/2"(13mm), 9/16"(14mm), 19/32"(15mm), 5/8"(16mm), 11/16"(17mm), 23/32"(18mm), 3/4"(19mm)	

**Locking adjustable wrench**



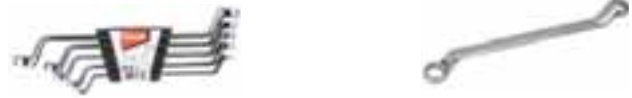
Size	MAX Jaw size	Part No.
10"(250mm)	35mm	B-65470

**Combination wrench 9pcs. set**



Size	Part No.
8, 10, 12, 13, 14, 15, 16, 17, 18mm	B-65539

**Double box wrench 5pcs. set**



Size	Part No.
8x9, 10x11, 12x13, 14x15, 18x19mm	B-65551

**Flare nut wrench 5pcs. set**



Size	Part No.
9x11, 10x12, 13x14, 15x17, 16x18mm	B-65545

**Double ratchet wrench 8pcs. set**



Size	Part No.
8, 10, 12, 13, 14, 15, 17, 19mm	B-65523

**Hex key wrench 9pcs. set**



Size	Part No.
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	B-65894

**Guide rail bag**



Size	Part No.
1,000mm	B-66905
1,400/1,500mm	B-57613

**LED Pen Light (without battery)**

Battery type: AA



Part No.
D-58752

## Nails, Staples and Screws

### Wire coil Nails (Flat Type)



Dia	Length	Shank	Nails/ carton	Part No.
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For Model:

AN560, AN611, AN621, AN635H, AN760, AN901, AN902, AN935H, AN953H

Dia	Length	Shank	Nails/ carton	Part No.
2.5mm (0.099")	45mm (1-3/4")	Smooth	10,800	F-30810
		Screw Chisel	10,800	F-30865
	50mm (2")	Smooth	10,800	F-31243

For Model:

AN611, AN621, AN635H, AN760, AN901, AN902, AN935H, AN953H, AN960, AN961

Dia	Length	Shank	Nails/ carton	Part No.
2.5mm (0.099")	57mm (2-1/4")	Screw Chisel	8,100	F-30878
		Smooth	8,100	F-31256
	65mm (2-1/2")	Smooth	8,100	F-30900
		Screw Chisel	8,100	F-31269

For Model:

AN560, AN611, AN621, AN635H, AN760, AN901, AN902, AN935H, AN953H

Dia	Length	Shank	Nails/ carton	Part No.
2.8mm (0.110")	50mm (2")	Smooth	9,000	F-30823
2.9mm (0.113")		Smooth	9,000	F-30849
2.9mm (0.113")		Screw Chisel	9,000	F-30971

For Model:

AN611, AN621, AN635H, AN760, AN901, AN902, AN935H, AN953H, AN960, AN961

Dia	Length	Shank	Nails/ carton	Part No.
2.9mm (0.113")	57mm (2-1/4")	Screw Chisel	6,750	F-31272
		Smooth	6,750	F-30881
3.1mm (0.120")	65mm (2-1/2")	Smooth	6,075	F-30836
3.3mm (0.131")		Smooth	4,050	F-30852

For Model:

AN760, AN901, AN902, AN935H, AN953H, AN960, AN961

Dia	Length	Shank	Nails/ carton	Part No.
2.9mm (0.113")	71mm (2-13/16")	Screw Chisel	6,750	F-31285
3.1mm (0.120")	75mm (3")	Smooth	4,050	F-31298
3.2mm (0.120")	75mm (3")	Screw Chisel	4,050	F-31320

For Model:

AN901, AN902, AN935H, AN953H, AN960, AN961

Dia	Length	Shank	Nails/ carton	Part No.
3.4mm (0.135")	75mm (3")	Smooth	3,600	F-31359

For Model:

AN901, AN902, AN935H, AN953H, AN960, AN961

Dia	Length	Shank	Nails/ carton	Part No.
3.1mm (0.120")	85mm (3-1/4")	Smooth	4,050	F-31304
		Screw Chisel	4,050	F-31333
	Smooth	4,050	F-31317	
3.2mm (0.120")	90mm (3-1/2")	Screw Chisel	4,050	F-31346
3.8mm (0.146")		Smooth	2,700	F-31362

### Wire coil Nails (Conical Type)



For Model:

AN560, AN611, AN635H

Dia	Length	Shank	Nails/ carton	Part No.
2.1mm (0.083")	32mm (1-1/4")	smooth	21,600	F-32766
		smooth	18,000	F-32779
	38mm (1-1/2")	smooth	18,000	F-32801
		screw	18,000	F-32801

For Model:

AN560, AN611, AN621, AN635H, AN760, AN901, AN935H

Dia	Length	Shank	Nails/ carton	Part No.
2.1mm (0.083")	45mm (1-3/4")	smooth	18,000	F-32782
		screw	18,000	F-32814
	50mm (2")	smooth	14,400	F-32795
		smooth	14,400	F-32827
		screw	14,400	F-32827
		screw	14,400	F-32827

### Wire coil Nails (Roofing Nail)

(7,200 pcs/box)

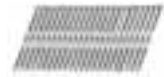


For Model:

AN454

Dia	Length	Shank	Nails/ carton	Part No.
3.1mm (0.120")	22mm (7/8")	Smooth	7,200	F-30762
	25mm (1")	Smooth	7,200	F-30775
	32mm (1-1/4")	Smooth	7,200	F-30788
	38mm (1-1/2")	Smooth	7,200	F-30791
	45mm (1-3/4")	Smooth	7,200	F-30807

### Plastic strip nail full round-head



For Model:

AN924

Dia	Length	Shank	Finish	Nails/ carton	Part No.
2.9mm (0.113")	50mm (2")	Smooth	Bright	6,000	F-30180
		Ring	Bright	6,000	F-30193
		Ring	Galvanized	6,000	F-30209
	60mm (2-3/8")	Smooth	Bright	5,000	F-30212
		Ring	Bright	5,000	F-30225
		Screw	Bright	5,000	F-30238
		Smooth	Galvanized	5,000	F-30241
		Ring	Galvanized	5,000	F-30254
		Smooth	Bright	5,000	F-30267
	65mm (2-1/2")	Ring	Bright	5,000	F-30267
		Smooth	Galvanized	5,000	F-30270
	3.1mm (0.120")	75mm (3")	Smooth	Bright	4,000
Ring			Galvanized	4,000	F-30296
Smooth			Galvanized	4,000	F-31108
3.3mm (0.131")	83mm (3-1/4")	Smooth	Bright	4,000	F-30302
		Smooth	Bright	4,000	F-31124
	75mm (3")	Smooth	Bright	4,000	F-30315
		Smooth	Galvanized	4,000	F-30328
	83mm (3-1/4")	Smooth	Bright	4,000	F-30331
		Smooth	Galvanized	4,000	F-30344
		Smooth	Bright	3,000	F-30357
		Smooth	Galvanized	3,000	F-30360
	90mm (3-1/2")	Smooth	Bright	4,000	F-31603
		Screw	Bright	4,000	F-31629
		Smooth	Galvanized	4,000	F-31568
		90mm (3-1/2")	Smooth	Bright	4,000
Screw			Bright	4,000	F-31632
Smooth			Galvanized	4,000	F-31571
3.8mm (0.148")	75mm (3")	Screw	Galvanized	4,000	F-31584
	90mm (3-1/2")	Screw	Galvanized	3,000	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	3,000	F-30566
3.1mm (0.120")	75mm (3")	Smooth	Bright	3,000	F-30579
		Smooth	Galvanized	3,000	F-30582
		Ring	Galvanized	3,000	F-30595
3.3mm (0.131")	83mm (3-1/4")	Smooth	Bright	3,000	F-30601
		Smooth	Bright	3,000	F-30614
	75mm (3")	Smooth	Galvanized	3,000	F-30627
		Smooth	Bright	3,000	F-30630
	83mm (3-1/4")	Smooth	Galvanized	3,000	F-30643
		Smooth	Bright	3,000	F-30656
3.3mm (0.131")	90mm (3-1/2")	Smooth	Galvanized	3,000	F-31645

**Pin nail**



Model No.	Type	Length	Part No.
AF201Z, AF502HP, AF353, DPT351, DPT353, PT354D	23Ga(φ0.6) Pin Nail (10,000 pcs/box)	18mm (11/16")	F-31825
		25mm (1")	F-31838
		30mm (1-3/16")	F-31841
		35mm (1-3/8")	F-31854
		45mm (1-3/4")	F-32920
AF502HP	23Ga(φ0.6) Pin Nail (10,000 pcs/box)	50mm (2")	F-32933
AF201Z, AF502HP, DPT351, DPT353, PT354D		18mm (11/16")	F-32142
AF502HP, DPT351, DPT353, PT354D	23Ga(φ0.6) Stainless Pin Nail (10,000 pcs/box)	25mm (1")	F-32155
		30mm (1-3/16")	F-32168
AF502HP, DPT351, DPT353, PT354D	23Ga(φ0.6) Stainless Pin Nail (10,000 pcs/box)	35mm (1-3/8")	F-32171

**Finish Nail**



Model No.	Type	Length	Part No.
AF601 DBN600	16 ga Finish Nail (2,000 pcs/box)	15mm (5/8")	F-33890
		19mm (3/4")	F-33906
		22mm (7/8")	F-33919
		25mm (1")	F-33922
		30mm (1-3/16")	F-33935
		32mm (1-1/4")	F-33948
		35mm (1-3/8")	F-33951
		38mm (1-1/2")	F-33964
		40mm (1-9/16")	F-33977
		45mm (1-3/4")	F-33980
		50mm (2")	F-33993
		57mm (1-1/4")	F-34001
		60mm (2-3/8")	F-34014
		64mm (2-1/2")	F-34027
		AF601 DBN600	16 ga Finish Nail Stainless (2,000 pcs/box)
38mm (1-1/2")	F-34043		
50mm (2")	F-34056		
64mm (2-1/2")	F-34069		
AF635	15Ga Finish 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
AF635	15Ga Finish Nail 34deg (4,000 pcs/box)	64mm (2-1/2")	F-32010

**Brad Nail**



Model No.	Type	Length	Part No.
AF506, AF552H 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
AF506, DBN500	18Ga Brad Nail (5,000 pcs/box)	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
AF552H	18Ga Brad Nail (5,000 pcs/box)	50mm (2")	F-31957
AF552H		55mm (2-3/16")	F-32946

**Staple**



Model No.	Type	Length	Part No.
DST112 ST113D	10mm(3/8") Crown Staple (5,040 pcs/box) *Japanese package	7mm	F-81518
		10mm	F-81521
DST221	10mm(3/8") Crown Staple (5,040 pcs/box)	10mm (3/8")	F-32647
		13mm (17/32")	F-32650
		16mm (5/8")	F-32663
		19mm (3/4")	F-32676
AT1150A	7/16" Medium Crown Staple 16Ga (10,000 pcs/box)	22mm (7/8")	F-32689
		25mm (1")	F-32078
		28mm (1-1/8")	F-32081
		32mm (1-1/4")	F-32094
		35mm (1-3/8")	F-32100
AT2550A	1" Wide Crown Staple 16Ga (10,000 pcs/box)	40mm (1-9/16")	F-32113
		45mm (3/4")	F-32126
		51mm (2")	F-32139
		22mm (7/8")	F-32197
		25mm (1")	F-32023
AT2550A	1" Wide Crown Staple 16Ga (10,000 pcs/box)	32mm (1-1/4")	F-32036
		38mm (1-1/2")	F-32049
		45mm (1-3/4")	F-32052
		51mm (2")	F-32065

**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
Standard pin	2.6	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

## Clipped Head Nails

For Model:  
GN900

Length (mm)	Shank Dia (mm)	Fuel cell /box	Nails/box	Part No.
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### Ring Stainless

51	2.9	1	1,100	194799-8
63	2.9	1	1,100	194800-9
80	3.1	1	1,100	194801-7

### Ring Bright

51	2.9	3	3,300	194764-7
51	2.9	1	1,100	194780-9
63	2.9	3	3,300	194767-1
63	2.9	1	1,100	194784-1
75	3.1	2	2,200	194772-8

### Ring Galv

51	2.9	3	3,300	194765-5
51	2.9	1	1,100	194782-5
57	2.9	3	3,300	194766-3
63	2.9	3	3,300	194768-9
63	2.9	1	1,100	194785-9
63	3.1	2	2,200	194770-2
63	3.1	1	1,100	194788-3
75	2.9	1	1,100	194792-2
75	3.1	2	2,200	194773-6

### Ring Hot Dip Galv

57	2.9	1	1,100	194783-3
63	2.9	3	3,300	194769-7
63	2.9	1	1,100	194786-7
63	3.1	2	2,200	194771-0
63	3.1	1	1,100	194790-6
75	3.1	2	2,200	194774-4
75	3.1	1	1,100	194793-0
83	3.1	1	1,100	194794-8
83	3.1	1	1,000	194795-6

### Smooth Bright

90	3.1	2	2,200	194776-0
----	-----	---	-------	----------

### Smooth Galv

90	3.1	2	2,200	194777-8
----	-----	---	-------	----------

### Smooth Hot Dip Galv

90	3.1	2	2,200	194778-6
90	3.1	1	1,100	194797-2

### Unilock Hot Dip Galv

75	3.1	2	2,200	194775-2
90	3.1	2	2,200	194779-4

## Coil tape collated screws

(2,000 pcs/box)



Model No.	Application	Length	Dia	Part No.
AR410HR AR411HR 6841R	Drywall to metal stud (Plasterboard to metal stud)	25mm (1")	3.5mm (0.139")	F-34072
		28mm (1-1/8")		F-34085
		41mm (1-5/8")		F-34098
AR410HR AR411HR 6841R	Drywall to wood (Plasterboard to wood)	25mm (1")	3.8mm (0.146")	F-34104
		28mm (1-1/8")		F-34117
		32mm (1-1/4")		F-34120
		41mm (1-5/8")		F-34133

## Reber binding attachment set with 1/4" Hex. shank



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



## Flat Tape Collated Screws

50pcs screws/belt, 1,000pcs screws/box  
 \*Sorted by the strength for corrosion resistance












### Drywall Screws

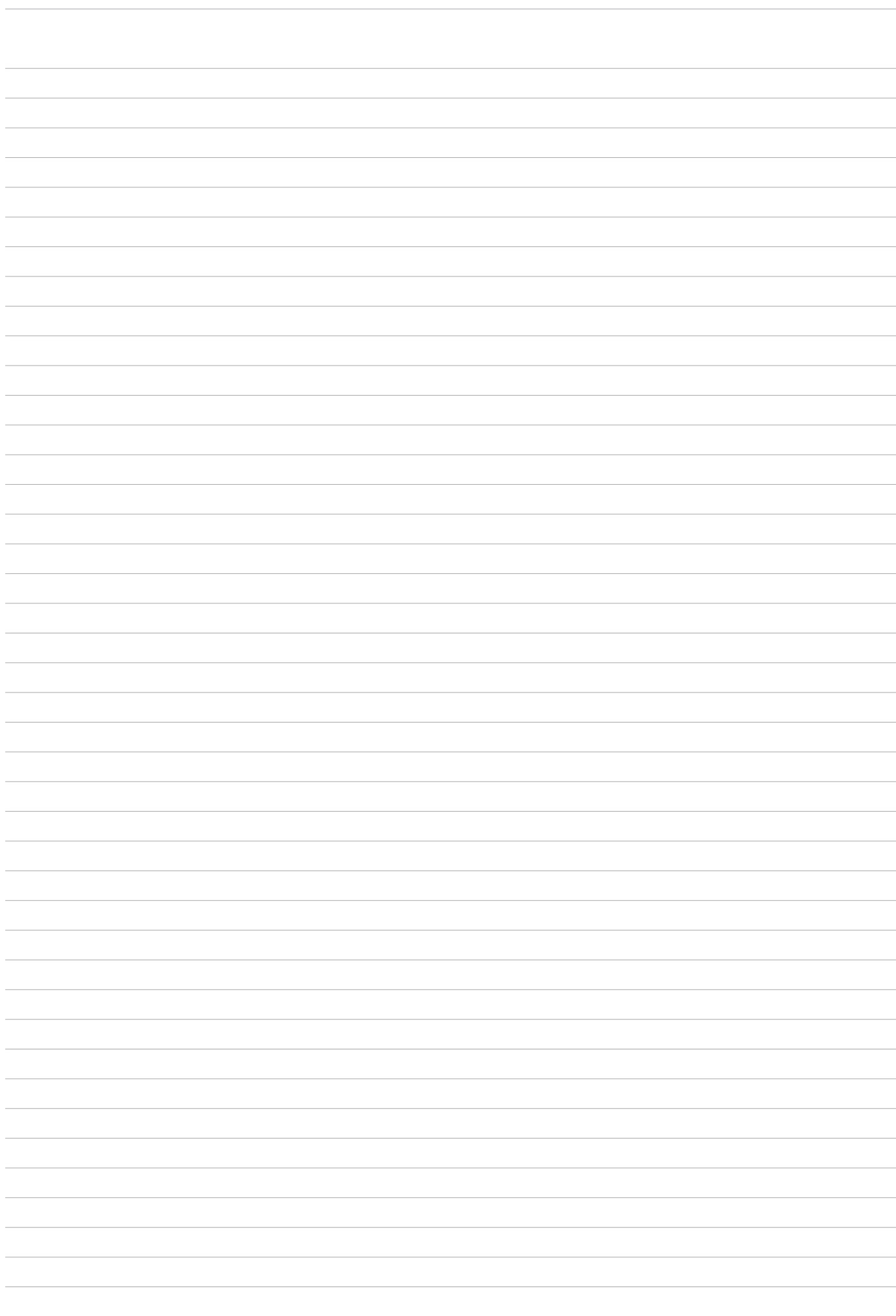
Application	L (mm)	Shank Dia (mm)	Recess	Thread	Finish	Screws /Belt	Screws /Box								Autofeed attachment set	Part No.
								DFR540	DFR550	DFR750	6842	6843	6844	6845		
								25-55mm	25-55mm	45-75mm	25-55mm	25-55mm	45-75mm	25-41mm		
Drywall to metal stad (Plasterboard to metal stad)	25	3.5	PH2	Fine	Phosphated	50pcs	1000pcs		Yes						Yes	F-31227
	25	3.9	PH2	Fine	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-30913
	30	3.9	PH2	Fine	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-30926
	32	3.5	PH2	Fine	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-31018
	35	3.5	PH2	Fine	Phosphated	50pcs	1000pcs		Yes						Yes	F-31230
	35	3.9	PH2	Fine	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-31153
	41	3.5	PH2	Fine	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-32232
	41	3.9	PH2	Fine	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-31166
	45	3.9	PH2	Fine	Phosphated	50pcs	1000pcs	Yes		Yes	Yes	Yes		Yes	Yes	F-30939
55	3.9	PH2	Fine	Phosphated	50pcs	1000pcs	Yes	Yes	Yes	Yes	Yes		Yes	Yes	F-30942	
Drywall to Steel frame (Plasterboard to Steel frame)	35	3.5	PH2	Fine/ Self Drilling	Phosphated	50pcs	1000pcs		Yes						Yes	F-31195
Drywall to wood (Plasterboard to wood)	30	3.9	PH2	Coarse	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes			Yes	F-30955
	30	3.9	PH2	Coarse	Yellow Zinc (5 micron)	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-32203
	33	3.5	PH2	Coarse	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes		F-31021
	35	3.9	PH2	Coarse	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes	Yes	Yes	Yes	F-31179
	41	3.5	PH2	Coarse	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes		F-31034
	41	3.9	PH2	Coarse	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-31182
	41	3.9	PH2	Coarse	Yellow Zinc (5 micron)	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-32216
	55	3.9	PH2	Coarse	Phosphated	50pcs	1000pcs	Yes			Yes	Yes	Yes		Yes	F-31140
	55	3.9	PH2	Coarse	Yellow Zinc (5 micron)	50pcs	1000pcs	Yes	Yes	Yes	Yes	Yes	Yes		Yes	F-32229
Drywall to wood (Plasterboard to hard wood)	30	3.9	PH2	Hi-Low	Yellow Zinc (5 micron)	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-32245
	41	3.9	PH2	Hi-Low	Yellow Zinc (5 micron)	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-32258
	55	3.9	PH2	Hi-Low	Yellow Zinc (5 micron)	50pcs	1000pcs	Yes	Yes	Yes	Yes	Yes	Yes		Yes	F-32261
Chipboard Screws (Particleboard to wood)	30	4.2	PH2	Coarse, Part Thread	Yellow Zinc (5 micron)	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-32528
	42	4.2	PH2	Coarse, Part Thread	Yellow Zinc (5 micron)	50pcs	1000pcs	Yes	Yes		Yes	Yes			Yes	F-32531
	55	4.2	PH2	Coarse, Part Thread	Yellow Zinc (5 micron)	50pcs	1000pcs	Yes	Yes	Yes	Yes	Yes	Yes		Yes	F-32544
Fermacell Screws (Gypsum Fibreboard to hard wood)	30	3.9	PH2	Hi-Low	Phosphated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-31748
	45	3.9	PH2	Hi-Low	Phosphated	50pcs	1000pcs	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	F-31751
Hardboard Screws (HDF board to hard wood)	32	3.9	PH2	Hi-Low	Dacromate	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-31793
	41	3.9	PH2	Hi-Low	Dacromate	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-31809
Decking Screws (Wood to wood)	42	4.2	PH2	Coarse, Part Thread	Stainless Steel	50pcs	1000pcs	Yes	Yes		Yes	Yes			Yes	F-32470
	55	4.2	PH2	Coarse, Part Thread	Stainless Steel	50pcs	1000pcs	Yes	Yes	Yes	Yes	Yes	Yes		Yes	F-32483
Wood Screws (Playwood to hard wood)	40	4.2	PH2	Hi-Low	Zinc Plated	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-31201
	55	4.2	PH2	Hi-Low	Zinc Plated	50pcs	1000pcs	Yes	Yes	Yes	Yes	Yes	Yes		Yes	F-31214
Wood Screws (Wood to wood)	45	4.2	SQ2	Coarse	Yellow Zinc	50pcs	1000pcs	Yes	Yes	Yes	Yes	Yes	Yes			F-33205
	50	4.2	SQ2	Coarse	Yellow Zinc	50pcs	800pcs	Yes	Yes	Yes	Yes	Yes	Yes			F-33218
Wood Screws (Wood to wood)	41	4.2	SQ2	Coarse	Geomet	50pcs	1000pcs	Yes	Yes		Yes	Yes		Yes	Yes	F-33276
	45	4.2	SQ2	Coarse	Geomet	50pcs	1000pcs	Yes	Yes	Yes	Yes	Yes	Yes		Yes	F-33289
	50	4.2	SQ2	Coarse	Geomet	50pcs	800pcs	Yes	Yes	Yes	Yes	Yes	Yes		Yes	F-33292
	63	4.2	SQ2	Coarse	Geomet	50pcs	600pcs			Yes			Yes			F-33324
	75	4.2	SQ2	Coarse	Geomet	50pcs	600pcs			Yes			Yes			F-33340

## Mixing blade

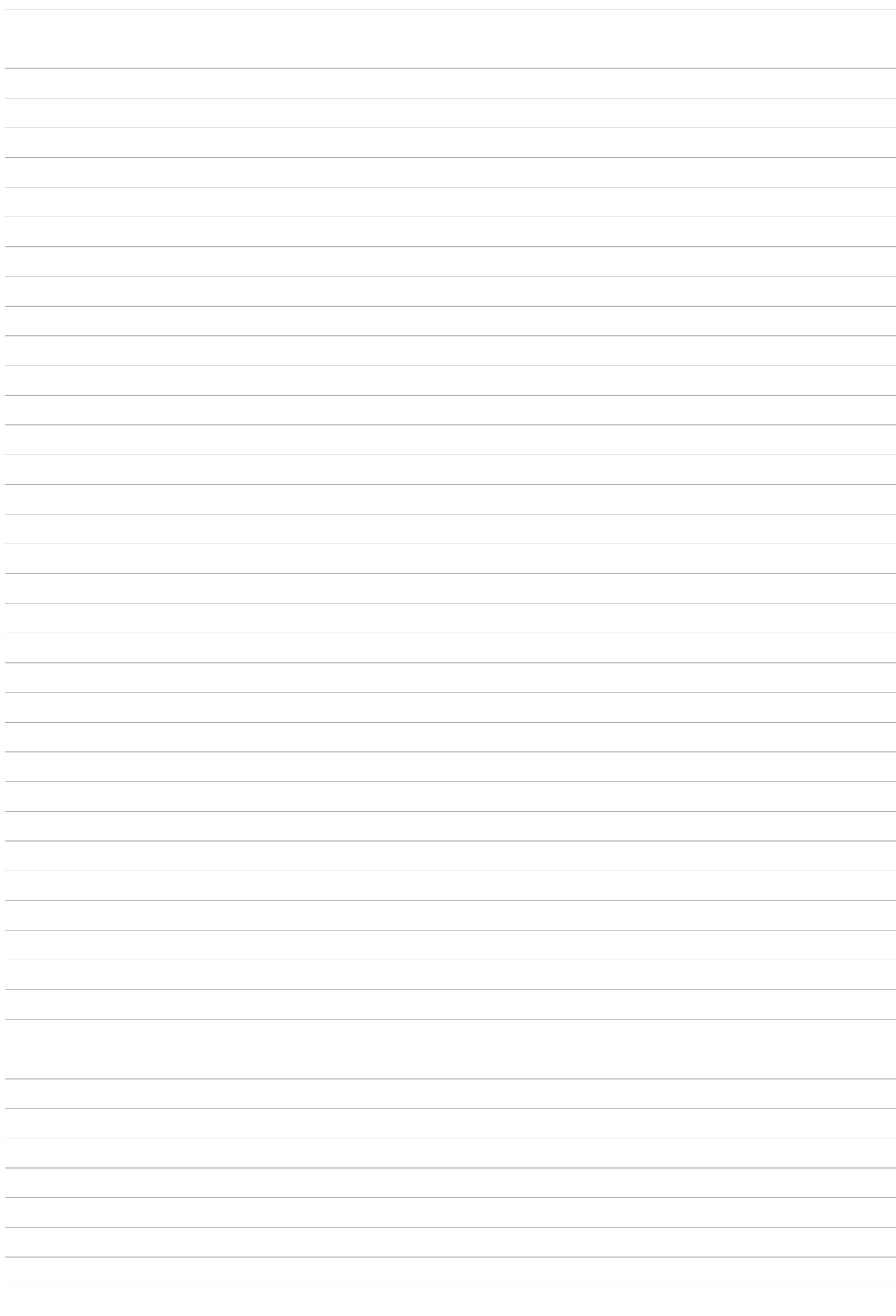


\*With Bolt & Nut M8

	Mixing Blade			Bolt		Shaft			Model
	SIZE	Material	Part No.	Bolt Size	Part No.	Bolt Size of Power Mixer	SIZE	Part No.	
	130mm	INOX	A-43670	M8 x 18	265220-5	M12	L=584mm D=12mm	168439-5	DUT130 UT1305
	135mm	Aluminum	A-43723	W5/16 x 16	265475-2	M12	L=584mm D=12mm	A-43773	DUT130 UT1305 UT2204
	150mm	INOX	*A-43686	---	---	M12	L=584mm D=12mm	168439-5	DUT130 UT1305 UT2204
	165mm	INOX	A-43692	M8 x 18	265220-5	M12	L=584mm D=12mm	168439-5	DUT130 UT1305
	175mm	Aluminum	A-43701	W5/16 x 16	265475-2	M12	L=584mm D=12mm	A-43773	UT1305 UT2204
	183mm	Aluminum	A-43739	W5/16 x 16	265475-2	M12	L=584mm D=12mm	A-43773	UT1305 UT2204
	190mm	Steel	A-33065	W5/16 x 16	265475-2	M12	L=584mm D=12mm	A-43773	UT2204
	201mm	Steel	A-33071	W5/16 x 16	265475-2	M12	L=584mm D=12mm	A-43773	UT2204
	220mm	Aluminum	A-43717	M8 x 16	265440-1	M12	L=584mm D=12mm	A-43773	UT2204









# Makita - A Global Brand



Makita have established directly operated business bases in about 50 countries around the world, and have upgraded our sales network in over 170 countries and after-sales service capabilities to become one of the leading companies in our industry. In addition, Makita is producing power tools in plants in China, U.S.A., U.K., Germany, Brazil, Romania and Thailand. Currently, about 90% of our group's manufacturing work in terms of production volume is carried out overseas. Makita's worldwide sales and service network, as well as the stable, high production quality ensured at its plants worldwide, are the embodiment of the Makita brand.



**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**  
Makita Engineering Germany



**BRAZIL**  
Makita do Brasil Ferramentas Elétricas Ltda.



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Makita (China) Co., Ltd.



**CHINA**  
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