



Cutting Tools

CATALOGUE



ABOUT US

Weihai Huitong Hardware & Machinery Co., Ltd., established in 1999, proudly launched its own brand "WIPRO".

Leveraging a professional team, the company is dedicated to high quality products, excellent service and global sales. Company's extensive range of offerings includes Power Tools, pneumatic tools, Cutting Tools, Air Compressors, Welding Machines, Automotive maintenance Tools, Woodworking Machinery, Metal Working Machine and Accessories.

With exceptional product quality, innovative design, and the strong brand philosophy, "WIPRO" products have found their way into countless households, enhancing the quality of life.

The company remains steadfast in upholding the principles of sincerity, cooperation, respect, professionalism, and user-centric experience. "WIPRO" aims to deliver an impeccable one-stop service, offering solutions for various work needs and making life more enjoyable.



CONTENT

Wood Working Drill Bits	4	Grinding Wheel	46
Auger Bit Series	5	Spongy Wheel/Flap Disc	47
Wood Chisel	7	Mini Grinder & Accessory Assortment	49
HSS Straight Shank Twist Drill	8	Rotary Burs Cylinder	51
Taper Shank Twist Drill	11	Rotary Bit	56
Hammer Drill Bit	15	File	58
Masonry Drill & Chisel	17	Deburring Blade with Handle	60
Hole Cutter	21	Polishing Wheel	61
Annular Cutter	23	Steel Wire Brush	63
Recoil Insert Kit Set	28	Router Bit	67
Tap and Die Set	31	Aluminium Knives	85
Planner Blade	32	T.C.T Shaper Cutter	88
Cemented Carbide Cutting Tools	34	Wood Sharpner Blade	94
Circle Saw Blade	38	Jig Saw Blade	97
Diamond Wheel	40	Knives	100
Resin Type Wheel	44		

Wood Working Drill Bits

High Quality Material Classic High Carbon Steel Material for fast cutting against tough wood material. High hardness, offer superior cutting power and durable.

Prevents drill bit from skipping or walking when without mark, which allows you pinpoint the mark and can penetrate surface quickly. Extra-wide flutes deliver effective and fast chip removal with less effort during drilling.

Suitable for soft wood, hard wood, Beech, Walnut, Elm, Nylon, PU, Acrylic



Size(Dia.)	Code	Length	Flute Length	Shank(Dia.)
3mm	23065	61mm	33mm	3
3.5mm	23066	70mm	39mm	3.5
4mm	23067	75mm	43mm	4
4.5mm	23068	80mm	47mm	4.5
5mm	23069	85mm	58mm	5
5.5mm	23070	93mm	57mm	5.5
6mm	23071	93mm	57mm	6
6.5mm	23072	101mm	63mm	6.5
7mm	23073	100mm	69mm	7
7.5mm	23074	109mm	69mm	7.5
8mm	23075	117mm	75mm	8
8.5mm	23076	117mm	75mm	8.5
9mm	23077	115mm	81mm	9
9.5mm	23078	125mm	81mm	9.5
10mm	74959	120mm	87mm	10
10.5mm	64810	133mm	87mm	10
11mm	23081	142mm	94mm	10
11.5mm	64812	142mm	94mm	10
12mm	74960	150mm	100mm	10
12.5mm	23084	150mm	100mm	10
13mm	23085	150mm	100mm	10
14mm	64813	150mm	100mm	10
15mm	64815	160mm	108mm	10
16mm	64816	160mm	108mm	10
17mm	23089	180mm	120mm	10
18mm	23090	180mm	120mm	10
19mm	32526	200mm	130mm	10

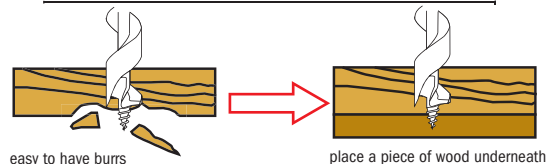
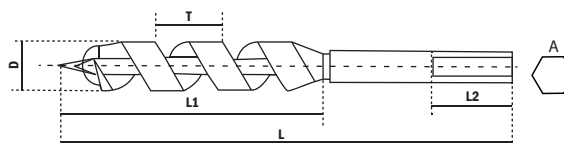


Size(Dia.)	Code	Length	Flute Length	Shank(Dia.)
3mm	46601	250mm	160mm	3mm
4mm	46602	250mm	160mm	4mm
5mm	46603	250mm	160mm	5mm
6mm	46604	250mm	160mm	6mm
7mm	46605	250mm	160mm	7mm
12mm	69332	250mm	160mm	10mm
16mm	69333	250mm	160mm	10mm
8mm	46606	350mm	190mm	8mm
9mm	46607	350mm	190mm	9mm
10mm	46608	350mm	190mm	10mm
11mm	46609	350mm	190mm	10mm
12mm	46610	350mm	190mm	10mm
13mm	64818	350mm	190mm	10mm
16mm	71688	350mm	190mm	10mm
19mm	62582	350mm	190mm	10mm

Size(Dia.)	Code	Size	Q'ty/Ctn	Meas.
3,4,5,6,8,10mm	62820	6pcs-set	100sets	44x25x26cm

Shorter 1/4" Hex Shank Auger Bit

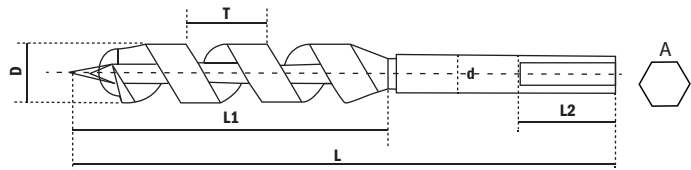
- * Self feeding screw point provides fast boring in hard and soft woods, for precise and easy drilling;
- * Solid center design provides extra rigidity and power while boring;
- * Grooved hex shank prevents slipping in drill chuck or bit extension;
- * Fits all standard 1/4" quick change chucks.



Code	Size(D)	TYPE	L	L1	L2	A
78315	3MM	Type 8	80.5mm	35.5mm	28mm	6.25mm
78316	6MM	Type 8	89mm	35.5mm	28mm	6.25mm
78317	7.5MM	Type 8	90mm	44mm	28mm	6.25mm
78318	8MM	Type 8	90.8mm	54mm	28mm	6.25mm
78319	8.5MM	Type 8	100mm	51mm	28mm	6.25mm
78320	9MM	Type 8	101mm	54mm	28mm	6.25mm
78321	10MM	Type 8	100mm	52mm	28mm	6.25mm
78322	12MM	Type 8	100mm	52mm	28mm	6.25mm
78323	15MM	Type 8	110mm	51mm	28mm	6.25mm
78324	18MM	Type 8	115mm	53mm	28mm	6.25mm

Auger Bit

Auger bit for drilling in wood
 One section of tang with hexagonal shank for firm grip in the chuck
 Lacquered for rust protection
 Spirals with Levin pattern
 Heat-Treated all over for extreme durability
 Material: 45# Steel



WIPRO Brand Quality

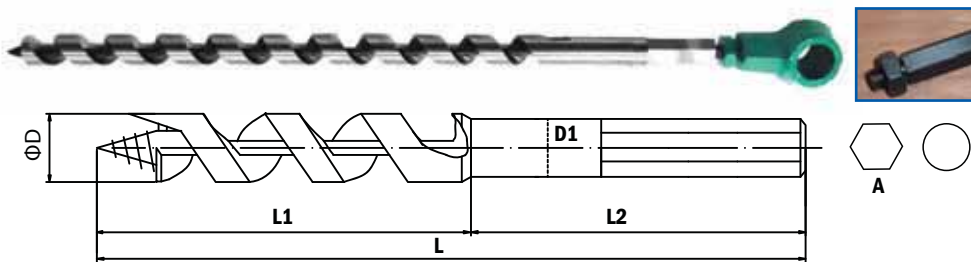
unit: mm

Code	Size(D)	Type	L	L1	L2	A	d
68177	6MM	TYPE 6	160mm	100mm	32mm	5.0mm	5.6mm
68178	8MM	TYPE 6	170mm	100mm	32mm	6.7mm	7.6mm
68179	10MM	TYPE 6	190mm	120mm	32mm	8.5mm	9.5mm
68180	13MM	TYPE 6	190mm	120mm	32mm	8.5mm	9.5mm
68181	16MM	TYPE 6	200mm	130mm	32mm	8.5mm	9.5mm
85604	10MM	TYPE 4	270mm	195mm	32mm	8.5mm	9.5mm
85605	13MM	TYPE 4	270mm	195mm	32mm	8.5mm	9.5mm
85606	16MM	TYPE 4	290mm	210mm	32mm	8.5mm	9.5mm

ALLWIN Brand Quality

Code	Size(D)	Type	L	L1	L2	A	d1
88326	1/4" 6mm	TYPE 6	160mm	100mm	32mm	5.0mm	5.6mm
88327	5/16" 8mm	TYPE 6	170mm	100mm	32mm	6.7mm	7.6mm
88328	3/8" 10mm	TYPE 6	190mm	120mm	32mm	8.5mm	9.5mm
88329	1/2" 13mm	TYPE 6	190mm	120mm	32mm	8.5mm	9.5mm
88330	5/8" 16mm	TYPE 6	200mm	130mm	32mm	8.5mm	9.5mm
88323	3/8" 10mm	TYPE 4	270mm	195mm	32mm	8.5mm	9.5mm
88324	1/2" 13mm	TYPE 4	270mm	195mm	32mm	8.5mm	9.5mm
88325	5/8" 16mm	TYPE 4	290mm	210mm	32mm	8.5mm	9.5mm

Hand And Machine Auger Bit

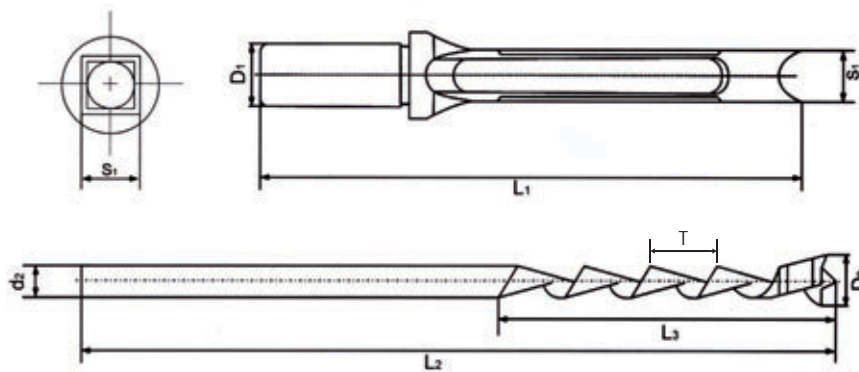


Material: 45# Steel

Code	SIZE	D	L	L1	L2	D1	A	Q'ty/Ctn
74042	6mm(1/4")	6mm(1/4")	400mm	250mm	150mm	1/4"	5.6mm	60pcs
74043	8mm(5/16")	8mm(5/16")	400mm	250mm	150mm	5/16"	7.2mm	60pcs
74044	10mm(3/8")	10mm(3/8")	400mm	250mm	150mm	3/8"	8.3mm	60pcs
74045	13mm(1/2")	13mm(1/2")	400mm	250mm	150mm	1/2"	10.5mm	30pcs
84087	22mm(7/8")	22mm(7/8")	400mm	250mm	150mm	1/2"	10.5mm	30pcs
84088	25mm(1")	25mm(1")	500mm	300mm	200mm	1/2"	10.5mm	30pcs
74237	16mm(5/8")	16mm(5/8")	460mm	300mm	160mm	1/2"	10.5mm	30pcs
74238	20mm(3/4")	20mm(3/4")	460mm	300mm	160mm	1/2"	10.5mm	30pcs
74239	22mm(7/8")	22mm(7/8")	500mm	300mm	200mm	1/2"	10.5mm	25pcs
74240	25mm(1")	25mm(1")	500mm	300mm	200mm	1/2"	10.5mm	25pcs
86194	32(1-1/4")	32(1-1/4")	460mm	300mm	160mm	1/2"	10.5mm	10pcs
74047	38mm(1-1/2")	38mm(1-1/2")	600mm	350mm	250mm	1/2"	10.5mm	10pcs

Square Hole Drill

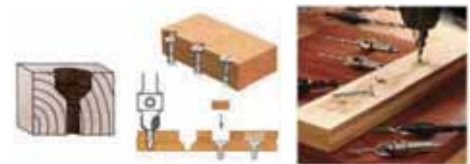
Made of 100Cr6 steel, Heat treatment, HRC48~50, high hardness, lengthened core, high concentricity. Reduce labor intensity of construction workers, speed up the construction speed, reduce construction costs for construction, installation, renovation, decoration industries. Great for drilling square holes in wood with a mortising machine or a mortising attachment. Fits all mortising machines and drill press attachments. Square hole drill is mainly used for woodworking aspects.



Size	Code	D1	L1	L2	S1	L3	D2	Q'ty/Ctn
1/4"	44913	19mm	135mm	210mm	6.35mm	70mm	4.55mm	100pcs
5/16"	44914	19mm	135mm	210mm	7.94mm	70mm	5.85mm	100pcs
3/8"	33395	19mm	135mm	210mm	9.52mm	80mm	6.85mm	50pcs
1/2"	33307	19mm	135mm	210mm	11.11mm	80mm	8.05mm	100pcs
7/16"	68403	19mm	135mm	210mm	12.70mm	80mm	9.85mm	50pcs
5/8"	44915	19mm	160mm	218mm	15.90mm	100mm	12mm	30pcs
3/4"	45985	19mm	160mm	225mm	19.00mm	105mm	12mm	30pcs
7/8"	45986	19mm	160mm	225mm	22.22mm	105mm	12mm	30pcs

5 Flute Countersink Drill Bit Set (Wood Only)

Enlarge or countersink holes, deburr edges; Adjustable counter sleeve depth with wrench. Drill and countersink for wood screws without changing. Drilling length can be adjusted for various length screws simply by loosening and tightening the setscrew. It is suitable for drilling machines with chuck, for drilling on hard wood or wooden floor.



Model	BC-07		
Code	107240		
End Drills (7 pcs) Dia. x Length x Chamfer	Φ3mm	60mm	15mm
	Φ4mm	75mm	15mm
	Φ5mm	85mm	15mm
	Φ6mm	93mm	15mm
	Φ7mm	100mm	15mm
	Φ8mm	110mm	15mm
	Φ10mm	120mm	18mm
L Wrench	2.5mm 1pc		
Q'ty/Ctn	50pcs		
Weight	300g		
Meas.	58x30x22cm		

EYB Series Wood Chisel

CR-V forged chisel is honed and sharpened ready, ensures maximum sharpness, added strength, durability and long lasting performance. Steel striking cap in the tail allows you to hit it with a hammer safely when you use it. Ergonomica TPR plastic handle designed with thread texture provide non-slip comfortable gripping. It is especially great for trimming down wood, design projects trimming. Bevel sharp edge allows various multi-purpose woodworking usages, you can also adjust the angle by sharpening to meet your demanding.



Size	Code	Knife Width	Knife Length	Overall Length	Q'ty/Ctn
6MM (1/4")	78255	6.3mm	110mm	275mm	48pcs
8MM (5/16")	45286	16mm	105mm	275mm	48pcs
10MM (3/8")	45287	9.5mm	105mm	275mm	48pcs
12MM (1/2")	45289	12.7mm	106mm	275mm	48pcs
16MM (5/8")	45288	16mm	105mm	275mm	48pcs
19MM (3/4")	32323	19mm	105mm	275mm	48pcs
24MM (1")	67375	25.6mm	105mm	275mm	48pcs
32MM (1 1/4")	67376	31.9mm	100mm	275mm	48pcs
38MM (1 1/2")	67377	37.9mm	100mm	275mm	48pcs
51MM (2")	78256	50.6mm	93mm	270mm	48pcs

Turning Chisel Set



TTS-31

Code:95571
Length: 135mm
8PCS
- Curved
- Middle Flat
- Small Slant
- Small Flat
- Middle
- Round Head
- Big Round
- Small Round



WP013

Code:60001809
Length:355m
5Pcs-
1" Skew
1/2" Spear Point
1/8" Parting Tool
1/2" Round Nose
1/2" Gouge



TTS-32

Code:95572
Length:360mm
8PCS
A. 1" Skew
B. 1/2" Skew
C. 1/2" Spear Point
D. 1/8" Parting Tool
E. 1/2" Round Nose
F. 1/4" Gouge
G. 1/2" Gouge
H. 3/4" Gouge



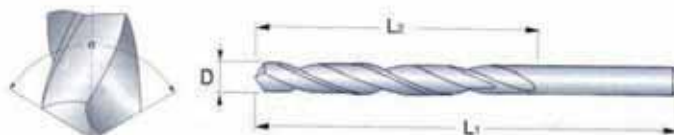
HSS Straight Shank Twist Drill

Point angle $\alpha=118^\circ$ or 135°

DIN338

Finish: Bright \ Coffee \ Rainbow \ Tin Coated

Material: HSS 4341



White Type

Dia. D (mm)	Code	Flute Length L2(mm)	Overall Length L1(mm)	Bar Code
0.5mm	69842	6	22	82-3428-0005
0.7mm	69844	9	28	82-3428-0007
0.8mm	69845	10	30	82-3428-0008
0.9mm	69846	11	32	82-3428-0009
1.2mm	69847	16	38	82-3428-0012
1mm	68770	12	34	82-3428-0010
1.5mm	68771	18	40	82-3428-0015
2mm	68772	24	49	82-3428-0020
2.5mm	68773	30	57	82-3428-0025
3mm	68774	33	61	82-3428-0030
3.5mm	68776	39	70	82-3428-0035
4mm	68777	43	75	82-3428-0040
4.5mm	68778	47	80	82-3428-0045
5mm	68780	52	86	82-3428-0050
5.5mm	68781	57	93	82-3428-0055
6mm	68782	57	93	82-3428-0060
6.5mm	68783	63	101	82-3428-0065
7mm	68784	69	109	82-3428-0070

Dia. D (mm)	Code	Flute Length L2(mm)	Overall Length L1(mm)	Bar Code
7.5mm	68785	69	109	82-3428-0075
8mm	68786	75	117	82-3428-0080
8.5mm	68787	75	117	82-3428-0085
9mm	68788	81	125	82-3428-0090
9.5mm	68789	81	125	82-3428-0095
10mm	68791	87	133	82-3428-0100
10.5mm	68792	87	133	82-3428-0105
11mm	68793	94	142	82-3428-0110
11.5mm	68794	94	142	82-3428-0115
12mm	68795	101	151	82-3428-0120
12.5mm	68796	101	151	82-3428-0125
13mm	68797	101	151	82-3428-0130
14mm	68799	108	160	82-3428-0140
14.5mm	68800	114	169	82-3428-0145
15mm	68801	114	169	82-3428-0150
15.5mm	68802	120	178	82-3428-0155
16mm	68803	120	178	82-3428-0016



Tin Coated Type

Dia. D (mm)	Code	Flute Length L2(mm)	Overall Length L1(mm)	Bar Code
1.0mm	69670	12	34	82-3818-0010
1.5mm	69671	18	40	82-3818-0015
2.0mm	69672	24	49	82-3818-0020
2.5mm	69673	30	57	82-3818-0025
3.0mm	69674	33	61	82-3818-0030
3.5mm	69675	39	70	82-3818-0035
4.0mm	69676	43	75	82-3818-0040
4.5mm	69677	47	80	82-3818-0045
5.0mm	69678	52	86	82-3818-0050
5.5mm	69679	57	93	82-3818-0055
6.0mm	69680	57	93	82-3818-0060
6.5mm	69681	63	101	82-3818-0065
7.0mm	69682	69	109	82-3818-0070
7.5mm	69683	69	109	82-3818-0075
8.0mm	69701	75	117	82-3818-0080
8.5mm	69685	75	117	82-3818-0085

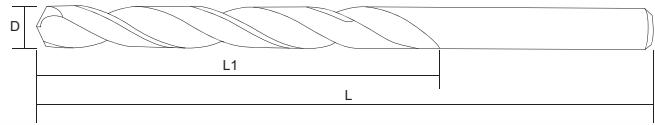
Dia. D (mm)	Code	Flute Length L2(mm)	Overall Length L1(mm)	Bar Code
9.0mm	69686	81	125	82-3818-0090
9.5mm	69687	81	125	82-3818-0095
10.0mm	69688	87	133	82-3818-0100
10.5mm	69689	87	133	82-3818-0105
11.0mm	69690	94	142	82-3818-0110
11.5mm	69691	94	142	82-3818-0115
12.0mm	69692	101	151	82-3818-0120
12.5mm	69693	101	151	82-3818-0125
13.0mm	69694	101	151	82-3818-0130
13.5mm	69695	108	160	82-3818-0135
14.0mm	69696	108	160	82-3818-0140
14.5mm	69697	114	169	82-3818-0145
15.0mm	69698	114	169	82-3818-0150
15.5mm	69699	120	178	82-3818-0155
16.0mm	69700	120	178	82-3818-0160

HSS Straight Shank Twist Drill

Point angle $\alpha=118^\circ$ DIN338

Finish: Bright

Material: M2



M2



Code	Size	Length(L1)	Length(L)	Code	Size	Length(L1)	Length(L)
92145	1MM	12	34	92163	10MM	87	133
97612	1.2MM	16	38	92164	10.5MM	87	133
92146	1.5MM	18	40	92165	11MM	94	142
92147	2MM	24	49	92166	11.5MM	94	142
92148	2.5MM	30	57	92167	12.0MM	101	151
92149	3MM	33	61	92168	12.5MM	101	151
92150	3.5MM	39	70	92169	13.0MM	101	151
92151	4MM	43	75	92170	13.5MM	108	160
92152	4.5MM	47	80	92171	14MM	108	160
92153	5.0MM	52	86	92172	14.5MM	120	178
92154	5.5MM	57	93	92173	15MM	114	169
92155	6MM	57	93	92174	15.5MM	120	178
92156	6.5MM	63	101	92175	16MM	120	178
92157	7MM	69	109				
92158	7.5MM	69	109				
92159	8MM	75	117				
92160	8.5MM	75	117				
92161	9MM	81	125				
92162	9.5MM	81	125				

HSS Cobalt Straight Shank Twist Drill

Point angle $\alpha=135^\circ$ DIN338

Black Finished

Material: M35 HSS Cobalt 5%

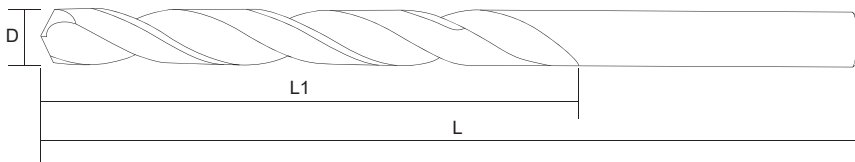
M35



Code	Size	Length(L1)	Length(L)	Code	Size	Length(L1)	Length(L)
	0.5mm	6	22	94661	7.5mm	69	109
	0.7mm	9	28	94662	8mm	75	117
	0.8mm	10	30	94663	8.5mm	75	117
	0.9mm	11	32	94664	9mm	81	125
	1.2mm	16	38	94665	9.5mm	81	125
94648	1mm	12	34	94666	10mm	87	133
94649	1.5mm	18	40	94667	10.5mm	87	133
94650	2mm	24	49	94668	11mm	94	142
94651	2.5mm	30	57	94669	11.5mm	94	142
94652	3mm	33	61	94670	12mm	101	151
94653	3.5mm	39	70	94671	12.5mm	101	151
94654	4mm	43	75	94672	13mm	101	151
94655	4.5mm	47	80	94673	13.5mm	108	160
94656	5mm	52	86	94674	14mm	108	160
94657	5.5mm	57	93	94675	14.5mm	114	169
94658	6mm	57	93	94676	15mm	114	169
94659	6.5mm	63	101	94677	15.5mm	120	178
94660	7mm	69	109	94678	16mm	120	178

M42 HSS Cobalt Straight Shank Twist Drill

Point angle $\alpha=135^\circ$
 DIN338
 Finish: Tin Coated
 Material: M42 HSS Cobalt 8%



M42



Tin Coated Type

Dia. D (mm)	Code	Flute Length L2(mm)	Overall Length L1(mm)	Shank Dia.	Single Weight	Q'ty/Box	Q'ty/Ctn	Meas.
2.5mm	114745	57	30	2.5mm	1.7g	50pcs	2000pcs	61x37x31cm
3.0mm	114746	61	33	3.0mm	2.6g	50pcs	2000pcs	61x37x31cm
3.5mm	114747	70	39	3.5mm	g	50pcs	2000pcs	61x37x31cm
4.0mm	114748	75	43	4.0mm	5.5g	50pcs	1500pcs	46x37x31cm
4.5mm	114749	80	47	4.5mm	7.3g	50pcs	1400pcs	46x37x31cm
5.0mm	114750	86	52	5.0mm	9.6g	20pcs	800pcs	56x36.5x34cm
5.5mm	114751	93	57	5.5mm	12.4g	20pcs	800pcs	56x36.5x34cm
6.0mm	114752	93	56	6.0mm	14.8g	20pcs	800pcs	56x36.5x34cm
6.5mm	114753	101	63	6.5mm	18.8g	20pcs	800pcs	56x36.5x34cm
7.0mm	114754	109	69	7.0mm	23.5g	20pcs	600pcs	41.5x36.5x23cm
7.5mm	114755	109	69	7.5mm	26.4g	20pcs	400pcs	41.5x36.5x23cm
8.0mm	114756	117	75	8.0mm	32.1g	20pcs	400pcs	41.5x36.5x23cm
8.5mm	114757	117	75	8.5mm	36.6g	20pcs	400pcs	41.5x36.5x23cm
9.0mm	114758	125	81	9.0mm	44.3g	20pcs	200pcs	44x24x24cm
9.5mm	114759	125	81	9.5mm	49.3g	20pcs	200pcs	44x24x24cm
10.0mm	114760	133	87	10.0mm	56.5g	20pcs	200pcs	44x24x24cm
10.5mm	114761	133	87	10.5mm	63.6g	20pcs	200pcs	44x24x24cm
11.0mm	114762	142	94	11.0mm	71.7g	20pcs	200pcs	44x24x24cm
11.5mm	114763	142	94	11.5mm	81.5g	20pcs	200pcs	44x24x24cm
12.0mm	114764	151	101	12.0mm	g	20pcs	200pcs	44x24x24cm
12.5mm	114765	151	101	12.5mm	98.4g	10pcs	100pcs	36x27x26cm
13.0mm	114766	151	101	13.0mm	107.8g	10pcs	100pcs	36x27x26cm
13.5mm	114767	160	108	13.5mm	118.9g	10pcs	100pcs	36x27x26cm
14.0mm	114768	160	108	14.0mm	137.3g	10pcs	100pcs	36x27x26cm
14.5mm	114769	169	114	14.5mm	148.9g	10pcs	100pcs	36x27x26cm
15.0mm	114770	169	114	15.0mm	158.1g	10pcs	100pcs	36x27x26cm
15.5mm	114771	178	120	15.5mm	184.3g	10pcs	100pcs	36x27x26cm
16.0mm	114772	178	120	16.0mm	190.3g	10pcs	100pcs	36x27x26cm



Taper Shank Twist Drill

Point angle $\alpha=118^\circ$
 DIN345
 Finish: Black Coated
 Material: HSS 4241



Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)	Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)	Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)
5		52	133	19.75		140	238	36.5		195	344
5.2		52	133	20	74776	140	238	37	74802	195	344
5.5		57	138	20.25		145	243	38	74803	200	349
5.8		57	138	20.5		145	243	38.5		200	349
6		57	138	20.75		145	243	39		200	349
6.2		63	144	21	74778	145	243	39.5		200	349
6.5		63	144	21.25		150	248	40		200	349
6.8		69	150	21.5		150	248	40.5		205	354
7		69	150	21.75		150	248	41		205	354
7.2		69	150	22	74780	150	248	41.5		205	354
7.5		69	150	22.25		150	248	42		205	354
7.8		75	156	22.5	74781	150	248	42.5		205	354
8		75	156	22.75		155	253	43		210	359
8.2		75	156	23	74782	155	253	43.5		210	359
8.5		75	156	23.25		155	276	44.5		210	359
8.8		81	162	23.5		155	276	45	74810	210	359
9		81	162	23.75		160	281	45.5		215	364
9.2		81	162	24	74784	160	281	46		215	364
9.5		81	162	24.25		160	281	46.5		215	364
9.8		87	168	24.5	74785	160	281	47		215	364
10		87	168	24.75		160	281	47.5		215	364
10.2		87	168	25	74786	160	281	48		220	369
10.5		87	168	25.25		165	286	48.5		220	369
10.8		94	175	25.5	74787	165	286	49		220	369
11		94	175	25.75		165	286	49.5		220	369
11.2		94	175	26	74788	165	286	50	74815	220	369
11.5		94	175	26.25		165	286	50.5		220	374
11.8		94	175	26.5		165	286	51	74816	225	412
12		101	182	26.75		170	291	52		225	412
12.2		101	182	27	74790	170	291	53		225	412
12.5		101	182	27.25		170	291	54		230	417
12.8		101	182	27.5	74791	170	291	55	74820	230	417
13		101	182	27.75		170	291	56		230	417
13.2		101	182	28	74792	170	291	57		235	422
13.5		108	189	28.25		175	296	58		235	422
13.8		108	189	28.5	74793	175	296	59		235	422
14	74764	108	189	28.75		175	296	60	74825	235	422
14.25		114	212	29	74794	175	296	61		240	427
14.5	74765	114	212	29.25		175	296	62		240	427
14.75		114	212	29.5	74795	175	296	63		240	427
15	74766	114	212	29.75		175	296	64		245	432
15.25		120	218	30	74796	175	296	65		245	432
15.5		120	218	30.25		180	301	66		245	432
15.75		120	218	30.5		180	301	67		245	432
16	74768	120	218	30.75		180	301	68		250	437
16.25		125	223	31		180	301	69		250	437
16.5	74769	125	223	31.25		180	301	70		250	437
16.75		125	223	31.5		180	301	71		250	437
17	74770	125	223	31.75		185	306	72		255	442
17.25		130	223	32	74798	185	334	73		255	442
17.5		130	228	32.5		185	334	74		255	442
17.75		130	228	33	74799	185	334	75		255	442
18	74772	130	228	33.5		185	334	76		260	447
18.5		135	233	34		190	339				
18.75		135	233	34.5		190	339				
19	74774	135	233	35	74840	190	339				
19.25		140	238	35.5		190	339				
19.5		140	238	36	74801	195	344				

Taper Shank Twist Drill

Point angle $\alpha=118^\circ$
 DIN345
 Finish: Black Coated
 Material: M2

M2



Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)	Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)	Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)
5		52	133	19.75		140	238	36.5	33233	195	344
5.2		52	133	20	32880	140	238	37		195	344
5.5		57	138	20.25		145	243	38	33151	200	349
5.8		57	138	20.5	33242	145	243	38.5		200	349
6		57	138	20.75		145	243	39		200	349
6.2		63	144	21	33193	145	243	39.5		200	349
6.5		63	144	21.25		150	248	40	33154	200	349
6.8		69	150	21.5	33241	150	248	40.5		205	354
7		69	150	21.75		150	248	41		205	354
7.2		69	150	22	33194	150	248	41.5		205	354
7.5		69	150	22.25		150	248	42		205	354
7.8		75	156	22.5	33212	155	253	42.5		205	354
8		75	156	22.75		155	253	43		210	359
8.2		75	156	23	33213	155	253	43.5		210	359
8.5		75	156	23.25		155	276	44	33166	210	359
8.8		81	162	23.5	33197	155	276	44.5	33167	210	359
9		81	162	23.75		160	281	45	33168	210	359
9.2		81	162	24	33215	160	281	45.5		215	364
9.5		81	162	24.25		160	281	46		215	364
9.8		87	168	24.5	33216	160	281	46.5		215	364
10		87	168	24.75		160	281	47		215	364
10.2		87	168	25	33217	160	281	47.5		215	364
10.5		87	168	25.25		165	286	48	33174	220	369
10.8		94	175	25.5	33218	165	286	48.5		220	369
11		94	175	25.75		165	286	49		220	369
11.2		94	175	26	33219	165	286	49.5		220	369
11.5		94	175	26.25		165	286	50	33178	220	369
11.8		94	175	26.5	33203	165	286	50.5		220	374
12		101	182	26.75		170	291	51	64529	225	412
12.2		101	182	27	33221	170	291	52		225	412
12.5		101	182	27.25		170	291	53		225	412
12.8		101	182	27.5	33222	170	291	54		230	417
13	33299	101	182	27.75		170	291	55		230	417
13.2		101	182	28	33223	170	291	56		230	417
13.5	13974	108	189	28.25		175	296	57		235	422
13.8		108	189	28.5	67182	175	296	58		235	422
14	32874	108	189	28.75		175	296	59		235	422
14.25		114	212	29	33224	175	296	60	60907	235	422
14.5	33298	114	212	29.25		175	296	61		240	427
14.75		114	212	29.5	33207	175	296	62		240	427
15	32875	114	212	29.75		175	296	63		240	427
15.25		120	218	30	33209	175	296	64		245	432
15.5	33243	120	218	30.25		180	301	65		245	432
15.75		120	218	30.5	33240	180	301	66		245	432
16	32876	120	218	30.75		180	301	67		245	432
16.25		125	223	31	33210	180	301	68		250	437
16.5	33190	125	223	31.25		180	301	69		250	437
16.75		125	223	31.5	33237	180	301	70		250	437
17	32877	125	223	31.75		185	306	71		250	437
17.25		130	223	32	33227	185	334	72		255	442
17.5	33191	130	228	32.5		185	334	73		255	442
17.75		130	228	33	33238	185	334	74		255	442
18	32878	130	228	33.5		185	334	75		255	442
18.5	59032	135	233	34	33235	190	339	76		260	447
18.75		135	233	34.5	33239	190	339				
19	32879	135	233	35	33230	190	339				
19.25		140	238	35.5		190	339				
19.5	33192	140	238	36	45881	195	344				

1/2" Reduced Shank Twist Drill

Point angle $\alpha=118^\circ$
 DIN345
 Finish: Black
 Material: HSS 4241



Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)	Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)	Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)
13		80mm	158mm	17	74750	80mm	158mm	21	74757	80mm	158mm
13.5	74743	80mm	158mm	17.5		80mm	158mm	21.5		80mm	158mm
14	74744	80mm	158mm	18	74752	80mm	158mm	22	74758	80mm	158mm
14.5	74745	80mm	158mm	18.5	74753	80mm	158mm	22.5		80mm	158mm
15	74746	80mm	158mm	19	74754	80mm	158mm	23	74759	80mm	158mm
15.5	74841	80mm	158mm	19.5	74755	80mm	158mm	24	74760	80mm	158mm
16	74747	80mm	158mm	20	74756	80mm	158mm	25	74761	80mm	158mm
16.5	74749	80mm	158mm	20.5		80mm	158mm	26	74762	80mm	158mm
		80mm	158mm			80mm	158mm			80mm	158mm

1/2" Reduced Shank Twist Drill

Point angle $\alpha=118^\circ$
 DIN345
 Finish: Black
 Material: M2

M2



Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)	Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)	Dia.(mm)	Code	Flute Length(mm)	Overall Length(mm)
13		82mm	158mm	17	65463	82mm	158mm	22	65471	82mm	158mm
13.5		82mm	158mm	17.5	65464	82mm	158mm	23	65472	82mm	158mm
14	69666	82mm	158mm	18	65465	82mm	158mm	24	65473	82mm	158mm
14.5	69667	82mm	158mm	18.5	65466	82mm	158mm	25	65474	82mm	158mm
15	69668	82mm	158mm	19	65467	82mm	158mm	26	65475	82mm	158mm
15.5		82mm	158mm	19.5	65468	82mm	158mm	27	95431	82mm	158mm
16	65461	82mm	158mm	20	65469	82mm	158mm	28	95432	82mm	158mm
16.5	65462	82mm	158mm	21	65470	82mm	158mm	30	95433		

HSS Straight Shank Twist Drill Set



Plastic Box

Size	Code	Size	Material
HSS-13PCS	66201	1.5-6.5(Step 0.5mm)+3.2mm+4.8mm	HSS
HSS-19PCS	65173	1.0-10(Step 0.5mm)	HSS
HSS-25PCS	65174	1.0-13(Step 0.5mm)	HSS



Steel Box

Size	Code	Size	Material
M2-13PCS	92285	1.5-6.5(Step 0.5mm)+3.2mm+4.8mm	M2
M2-19PCS	92286	1.0-10(Step 0.5mm)	M2
M2-25PCS	92287	1.0-13(Step 0.5mm)	M2

Center Drill

Each drill has a double end and is ground with a standard 60 degree angle. Center and spotting drills are traditionally used to make a conical hole for a lathe center in order to make a starting point for a standard drill, designed to prevent the drill from walking.



Model	Code	Drill Dia.	Shank Dia.	Length
BS2	105342	5/64"	3/16"	48
BS3	105343	7/64"	1/4"	51
BS4	105344	1/8"	5/16"	54
BS5	105345	3/16"	7/16"	70
BS6	105346	7/32"	1/2"	76

Double End Drill

Special for "STAINLESS STEEL"



Dia.	Code	Overall Length	Flute Length	Q'ty/Box
3.0mm	74842	46mm	14mm	10pcs
3.5mm	74843	50mm	16mm	10pcs
4.0mm	74844	50mm	17mm	10pcs
4.5mm	74845	52mm	18mm	10pcs
5.0mm	74846	57mm	24mm	10pcs

Hole Electric Hammer Drill

Material: YG8C/45#



WP-C01

Size	Code	Teeth	Length	Thread	Size	Code	Teeth	Length	Thread
30mm	74544	4T	72mm	M22X2	80mm	74553	10T	72mm	M22X2
35mm	74545	4T	72mm	M22X2	85mm	74554	10T	72mm	M22X2
40mm	74546	5T	72mm	M22X2	90mm	74555	10T	72mm	M22X2
45mm	74547	5T	72mm	M22X2	100mm	74557	12T	72mm	M22X2
50mm	74548	6T	72mm	M22X2	105mm	74558	12T	72mm	M22X2
55mm	74549	6T	72mm	M22X2	110mm	74559	14T	72mm	M22X2
60mm	74550	7T	72mm	M22X2	115mm	74560	14T	72mm	M22X2
65mm	74551	8T	72mm	M22X2	120mm	74561	14T	72mm	M22X2
70mm	74583	8T	72mm	M22X2	125mm	74562	14T	72mm	M22X2
75mm	74552	10T	72mm	M22X2	150mm	74563	15T	72mm	M22X2

Shank Drill

Hex Shank (with central drill)



Material: 40Cr

Size	Code	Hex	Drill	Thread
110mm	74564	11mm	Φ8X110mm	M22X2
160mm	74565	11mm	Φ8X110mm	M22X2
200mm	74566	12.5mm	Φ8X110mm	M22X2
250mm	74584	12.5mm	Φ8X110mm	M22X2
300mm	74568	12.5mm	Φ8X110mm	M22X2
350mm	74569	12.5mm	Φ8X110mm	M22X2
450mm	74570	12.5mm	Φ8X110mm	M22X2
600mm	74571	12.5mm	Φ8X110mm	M22X2
800mm	74572	12.5mm	Φ8X110mm	M22X2
1000mm	74573	12.5mm	Φ8X110mm	M22X2

SDS Shank (with central drill)



Size	Code	Shank Dia.	Drill	Thread
110mm	74574	10mm	Φ8X110mm	M22X2
160mm	74575	10mm	Φ8X110mm	M22X2
200mm	74576	10mm	Φ8X110mm	M22X2
250mm	74577	10mm	Φ8X110mm	M22X2
300mm	74579	10mm	Φ8X110mm	M22X2
350mm	74585	10mm	Φ8X110mm	M22X2
450mm	74579	10mm	Φ8X110mm	M22X2
600mm	74580	10mm	Φ8X110mm	M22X2
800mm	74581	10mm	Φ8X110mm	M22X2
1000mm	74582	10mm	Φ8X110mm	M22X2

Hammer Drill Bit

DIN 8039;
Double-Flutes;SDS-PLUS Shank
Material: 40Cr/YG8C



SDS Plus (TE-C)

Code	Size	Flute Length	Length(L)	Bar Code
74075	4mm	60mm	110mm	82-3910-004
74076	5mm	60mm	110mm	82-3910-005
74077	6mm	60mm	110mm	82-3910-006
74078	7mm	60mm	110mm	82-3910-007
74079	8mm	60mm	110mm	82-3910-008
74080	10mm	60mm	110mm	82-3910-010
74081	12mm	60mm	110mm	82-3910-012
74082	4mm	110mm	160mm	82-3916-004
74083	5mm	110mm	160mm	82-3916-005
74084	6mm	110mm	160mm	82-3916-006
74085	7mm	110mm	160mm	82-3916-007
74086	8mm	110mm	160mm	82-3916-008
74087	10mm	110mm	160mm	82-3916-010
74088	12mm	110mm	160mm	82-3916-012
74089	13mm	110mm	160mm	82-3916-013
74090	14mm	110mm	160mm	82-3916-014
	15mm	110mm	160mm	
74091	16mm	110mm	160mm	82-3916-016
74092	18mm	110mm	160mm	82-3916-018
74093	20mm	110mm	160mm	82-3916-020
74094	6mm	160mm	210mm	82-3921-006
74095	7mm	160mm	210mm	82-3921-007
74096	8mm	160mm	210mm	82-3921-008

Code	Size	Flute Length	Length(L)	Bar Code
74097	10mm	160mm	210mm	82-3921-010
74098	12mm	160mm	210mm	82-3921-012
74099	14mm	160mm	210mm	82-3921-014
74100	16mm	160mm	210mm	82-3921-016
74101	18mm	160mm	210mm	82-3921-018
74102	20mm	160mm	210mm	82-3921-020
74103	22mm	160mm	210mm	82-3921-022
74104	25mm	160mm	210mm	82-3921-025
74105	6mm	260mm	310mm	82-3931-006
	7mm	260mm	310mm	
74106	8mm	260mm	310mm	82-3931-008
74107	10mm	260mm	310mm	82-3931-010
74108	12mm	260mm	310mm	82-3931-012
74109	14mm	260mm	310mm	82-3931-014
74110	16mm	260mm	310mm	82-3931-016
74111	18mm	260mm	310mm	82-3931-018
74112	20mm	260mm	310mm	82-3931-020
74113	22mm	260mm	310mm	82-3931-022
74114	24mm	260mm	310mm	82-3931-024
74115	25mm	260mm	310mm	82-3931-025
74116	26mm	260mm	310mm	82-3931-026
74117	28mm	260mm	310mm	82-3931-028

DIN 8039;46000 Luxembourg Knife;07 Type W Flutes;SDS-PLUS Shank
Material: 40Cr



SDS Plus (TE-C)

Code	Size	Slot Length	Length(L)	Bar Code
81731	4mm	93mm	160mm	83-6160-0040
81732	5mm	93mm	160mm	83-6160-0050
81733	6mm	93mm	160mm	83-6160-0060
81734	7mm	93mm	160mm	83-6160-0070
81735	8mm	93.5mm	160mm	83-6160-0080
81736	9mm	93mm	160mm	83-6160-0090
81737	10mm	93mm	160mm	83-6160-0100
81738	11mm	92mm	160mm	83-6160-0110
81739	12mm	90mm	160mm	83-6160-0120
81740	13mm	90mm	160mm	83-6160-0130
81741	14mm	85mm	160mm	83-6160-0140
81742	15mm	87mm	160mm	83-6160-0150
81743	16mm	90mm	160mm	83-6160-0160
81744	6mm	140mm	210mm	83-6210-0060
81745	8mm	138mm	210mm	83-6210-0080
81746	10mm	140mm	210mm	83-6210-0100
81747	12mm	135mm	210mm	83-6210-0120
81748	14mm	133mm	210mm	83-6210-0140
81749	16mm	130mm	210mm	83-6210-0160
81750	18mm	132mm	210mm	83-6210-0180
81751	20mm	130mm	210mm	83-6210-0200

Code	Size	Slot Length	Length(L)	Bar Code
81752	6mm	180mm	260mm	83-6260-0060
81753	8mm	180mm	260mm	83-6260-0080
81754	10mm	180mm	260mm	83-6260-0100
81755	12mm	180mm	260mm	83-6260-0120
81756	14mm	180mm	260mm	83-6260-0140
81757	16mm	180mm	260mm	83-6260-0160
81758	18mm	180mm	260mm	83-6260-0180
81759	20mm	180mm	260mm	83-6260-0200
81760	25mm	180mm	260mm	83-6260-0250
81761	8mm	230mm	310mm	83-6310-0080
81762	10mm	230mm	310mm	83-6310-0100
81763	12mm	230mm	310mm	83-6310-0120
81764	14mm	230mm	310mm	83-6310-0140
81765	16mm	230mm	310mm	83-6310-0160
81766	18mm	230mm	310mm	83-6310-0180
81767	20mm	230mm	310mm	83-6310-0200
81768	22mm	230mm	310mm	83-6310-0220
81769	25mm	230mm	310mm	83-6310-0250

Hammer Drill Bit



Material:YG8C; :DIN8039 Single Flutes

Code	Model	Dia.	Length	Flute Length(L)	Code	Model	Dia.	Length	Flute Length(L)
62627	BH-1028	10mm	280mm	160mm		BH-1050	10mm	505mm	385mm
62628	BH-1228	12mm	280mm	160mm		BH-1250	12mm	505mm	385mm
62629	BH-1428	14mm	280mm	160mm		BH-1450	14mm	505mm	385mm
62630	BH-1628	16mm	280mm	160mm		BH-1650	16mm	505mm	385mm
62631	BH-1728	17mm	280mm	160mm		BH-1750	17mm	505mm	385mm
62632	BH-1828	18mm	280mm	160mm		BH-1850	18mm	505mm	385mm
62633	BH-1928	19mm	280mm	160mm		BH-1950	19mm	505mm	385mm
62634	BH-2028	20mm	280mm	160mm		BH-2050	20mm	505mm	385mm
62635	BH-2228	22mm	280mm	160mm		BH-2250	22mm	505mm	385mm
62636	BH-2528	25mm	280mm	160mm	97108	BH-2550	25mm	505mm	385mm
62637	BH-2828	28mm	280mm	160mm	97109	BH-2850	28mm	505mm	385mm
62638	BH-3028	30mm	280mm	160mm	97110	BH-3050	30mm	505mm	385mm
62639	BH-3228	32mm	280mm	160mm	97111	BH-3250	32mm	505mm	385mm

Cold Roll Forged Masonry Drills

DIN 8039;12500 Luxembourg Knife, HRA92.1 2200N/MM2(MPA);07 Type W Flutes;Round Shank



Material: 40Cr

Code	Size	Slot Length	Length(L)	Shank Dia.	Code	Size	Slot Length	Length(L)	Shank Dia.
81699	3mm	39mm	70mm	2.8mm	81715	20mm	102.5mm	160mm	12mm
81700	4mm	39mm	75mm	3.8mm	81716	22mm	100mm	160mm	12mm
81701	5mm	49mm	85mm	4.5mm	81717	25mm	102mm	160mm	12mm
81702	6mm	58mm	100mm	5.5mm	81718	6MM	220mm	300mm	5.5
81703	7mm	60mm	100mm	6.4mm	81719	8MM	220mm	300mm	7mm
81704	8mm	78.5mm	120mm	7mm	81720	10MM	220mm	300mm	9mm
81705	9mm	80mm	120mm	8mm	81721	12MM	220mm	300mm	10mm
81706	10mm	80mm	120mm	9mm	81722	14MM	220mm	300mm	10mm
81707	11mm	90mm	150mm	10mm	81723	16MM	220mm	300mm	12mm
81708	12mm	89mm	150mm	10mm	81724	6MM	300mm	400mm	5.5mm
81709	13mm	90mm	150mm	10mm	81725	8MM	300mm	400mm	7mm
81710	14mm	90mm	150mm	10mm	81726	10MM	300mm	400mm	9mm
81711	15mm	90mm	150mm	10mm	81727	12MM	300mm	400mm	10mm
81712	16mm	91mm	150mm	12mm	81728	14MM	300mm	400mm	10mm
81713	18mm	102.5mm	160mm	12mm	81729	16MM	300mm	400mm	12mm
81714	19mm	100mm	160mm	12mm					



Masonry Drill & Chisel



Material:YG8C; :DIN8039

Code	Size	Shank Dia.	Length	Bar Code
75171	3mm	2.7mm	80mm	83-3080-003
74069	4mm	3.5mm	80mm	83-3080-004
74070	5mm	4.6mm	90mm	83-3090-005
74071	6mm	5.5mm	100mm	83-3100-006
74517	7mm	6.5mm	110mm	83-3110-007
74518	8mm	7mm	120mm	83-3120-008
74519	10mm	8.5mm	140mm	83-3140-010
74520	12mm	10mm	160mm	83-3160-012
	14mm	12mm	150mm	
75660	16mm	13mm	160mm	83-3160-016
75661	18mm	13mm	160mm	83-3160-018
	20mm	13mm	160mm	
	6mm	5.5mm	310mm	
	7mm	6.5mm	310mm	
75397	8mm	7mm	310mm	83-3310-008
75398	10mm	8.5mm	310mm	83-3310-010
75399	12mm	10mm	310mm	83-3310-012
	14mm	12mm	310mm	
	16mm	13mm	310mm	



38 Hexagon Shank Flat Chisel

Code	Size	Shank Dia.	Hex. Size	Length	Bar Code
	20mm	13mm	17mm	280mm	
81531	25mm	13mm	17mm	280mm	83-4217-2825
81532	30mm	13mm	17mm	280mm	83-4217-2830
81533	40mm	13mm	17mm	280mm	83-4217-2840
97791	20mm	13mm	17mm	400mm	
81537	25mm	13mm	17mm	400mm	83-4217-4025
81538	30mm	13mm	17mm	400mm	83-4217-4030
	40mm	13mm	17mm	400mm	
	25mm	13mm	17mm	450mm	



65 Hexagon Shank Flat Chisel

Code	Size	Shank Dia.	Hex. Size	Length	Bar Code
82878	30mm	24mm	30mm	410mm	83-4230-4130
85503	35mm	24mm	30mm	410mm	83-4230-4135
82879	40mm	24mm	30mm	410mm	83-4230-4140
	40mm	24mm	30mm	450mm	
	40mm	24mm	30mm	500mm	



Hexagon Shank Point Chisel

Code	Size	Shank Dia.	Hex. Size	Length	Bar Code
81530	17mm	13mm	17mm	280mm	83-4317-2800
81534	17mm	13mm	17mm	400mm	83-4317-4000
	17mm	12mm	17mm	450mm	
82880	21mm	16mm	21mm	320mm	83-4321-3200
82881	21mm	16mm	21mm	450mm	83-4321-4500



Hexagon Shank Point Chisel

Code	Size	Shank Dia.	Hex. Size	Length	Bar Code
82882	30mm	24mm	30mm	410mm	83-4330-4100
	30mm	24mm	30mm	450mm	
82883	30mm	24mm	30mm	500mm	83-4330-4500



SDS Plus Shank Point Chisel

Code	Size	Shank Dia.	Hex. Size	Length	Bar Code
81541	14mm	10MM	14mm	250mm	83-4114-2500
	14mm	10MM	14mm	450mm	



SDS Plus Shank Flat Chisel

Code	Size	Shank Dia.	Hex. Size	Length	Bar Code
81542	20mm	10MM	14mm	250mm	83-4014-2520
	22mm	10MM	14mm	250mm	
81544	25mm	10MM	14mm	250mm	83-4014-2525
81545	40mm	10MM	14mm	250mm	83-4014-2540
	20mm	10MM	14mm	450mm	



Hexagon Shank Flat Chisel

Code	Size	Shank Dia.	Hex. Size	Length	Bar Code
82873	25mm	16mm	21mm	320mm	83-4221-3225
82874	30mm	16mm	21mm	320mm	83-4221-3230
82875	40mm	16mm	21mm	320mm	83-4221-3240

Chisel



SDS Shank Point Chisel

Code	Size	Hex. Size	Length(L)	Weight
107232	14x250mm	14mm	250mm	209g



SDS Shank Flat Chisel

Code	Size	Shank Dia.	Hex. Size	Flat Width	Length	Weight
	14x250mm	10mm	14mm	22mm	250mm	240g



Hexagon Shank Point Chisel

Code	Size	Shank Dia.	Hex. Size	Length(L)	Weight
107236	17x280mm	13mm	17mm	280mm	372g
107237	17x400mm	13mm	17mm	400mm	593g



Hexagon Shank Flat Chisel

Code	Size	Shank Dia.	Hex. Size	Flat Width	Length	Weight
107233	17x280mm	13mm	17mm	26.5mm	280mm	418g
107234	17x400mm	13mm	17mm	26.5mm	400mm	631g



Hexagon Shank Point Chisel

Code	Size	Shank Dia.	Hex. Size(A)	Length	Weight
107238	30x410mm	24mm	30mm	410mm	1400g



Hexagon Shank Flat Chisel

Code	Size	Shank Dia.	Hex. Size	Flat Width(W)	Length	Weight
107235	30x410mm	24mm	30mm	37.5mm	410mm	1484g



Flat Wood Bit

The cutter head is made of 65# carbon steel, cutting edge is more precise and the cutting is sharper and quicker.

Hexagon handle with extension rod design, no slippage.

Punch stability and effort, drilling lasting strength.

Apply to bench drill, DC, AC hand drill.



Size	Code	Length(±2mm)	Shank Dia.(mm)	Hex Size
5/16"	46392	150	7	1/4"
3/8"	46393	150	7	1/4"
7/16"	46394	150	7	1/4"
1/2"	46395	150	7	1/4"
9/16"	46396	150	7	1/4"
5/8"	46397	150	7	1/4"
11/16"	46398	150	7	1/4"
3/4"	46399	150	7	1/4"
13/16"	46400	150	7	1/4"
7/8"	46401	150	7	1/4"
15/16"	46402	150	7	1/4"
1"	46403	150	7	1/4"
1-1/8"	46404	150	7	1/4"
1-1/4"	46405	150	7	1/4"
1-3/8"	46406	150	7	1/4"
1-1/2"	46407	150	7	1/4"

Flat Wood Bit Sets

The cutter head is made of 65# carbon steel, cutting edge is more precise and the cutting is sharper and quicker.

Hexagon handle with extension rod design, no slippage.

Punch stability and effort, drilling lasting strength.

Apply to bench drill, DC, AC hand drill.



Code	Model	Size	Finished	Packing	Q'ty/Ctn
81771	6PCS-inch	3/8" 1/2" 5/8" 3/4" 7/8" 1"	Natural	Blastic Card	20 sets
62821	6PCS-mm	10,12,16,18,20,25mm	Natural	PVC bag	100 sets
81772	12PCS-mm	6,8,10,13,14,16,17,19,20,22,24,25mm	Natural	Blastic Card	40 sets

Forstner Bit

Designed with twin scribers and centering point to provide clean and accurate hole cutting every time.

Used for boring concealed hinges and door locks. Should work with a power drill tool,

YG-8 Carbide tip

For soft and hardwood

For enlarging existing holes

For boring any arc of a circle



HBB-100

Size	Code	Dia. D1	Dia. D2	Length
15mm	92117	8mm	10mm	85mm
16mm	92118	8mm	10mm	85mm
17mm	92119	8mm	10mm	85mm
18mm	92120	8mm	10mm	85mm
19mm	92121	8mm	10mm	85mm
20mm	92122	8mm	10mm	85mm
21mm	92123	8mm	10mm	85mm
22mm	92124	8mm	10mm	85mm
23mm	92125	8mm	10mm	85mm
24mm	92126	8mm	10mm	85mm
25mm	92127	10mm	12mm	85mm
26mm	92128	10mm	12mm	85mm
28mm	92129	10mm	12mm	85mm
30mm	92130	10mm	12mm	87.5mm

Size	Code	Dia. D1	Dia. D2	Length
32mm	92131	10mm	12mm	87.5mm
34mm	92132	10mm	12mm	87.5mm
35mm	92133	10mm	12mm	87.5mm
36mm	92134	10mm	12mm	87.5mm
38mm	92135	10mm	15mm	87.5mm
40mm	92136	10mm	15mm	87.5mm
42mm	92137	10mm	15mm	87.5mm
45mm	92138	10mm	15mm	87.5mm
50mm	92139	10mm	15mm	87.5mm
53mm	92140	10mm	15mm	87.5mm
54mm	92141	10mm	15mm	87.5mm
55mm	92142	10mm	15mm	87.5mm
57mm	92143	10mm	15mm	87.5mm
60mm	92144	10mm	15mm	87.5mm

1/4" Forstner Bit

Forstner Bits make extremely smooth and clean flat-bottom holes in all kinds of wood. Cuts through any grain pattern, even knots. They are designed to drill flat bottom or through holes cleanly in end grain, thin stock, veneers and regular stock. They enlarge existing holes with ease and can bore any arc of a circle. These bits will not move off center through usual grain or knots are ideal for turning projects. Their accuracy and clean hole are ideal for turning projects.



Size	Code	Length	Handle	Size	Code	Length	Handle
6mm	88100	90mm	1/4"	32mm	88094	90mm	1/4"
10mm	88085	90mm	1/4"	35mm	88093	90mm	1/4"
13mm	88101	90mm	1/4"	38mm	88092	90mm	1/4"
16mm	88087	90mm	1/4"	40mm	88091	90mm	1/4"
19mm	88099	90mm	1/4"	45mm	88090	90mm	1/4"
22mm	88098	90mm	1/4"	48mm	88089	90mm	1/4"
25mm	88097	90mm	1/4"	50mm	88088	90mm	1/4"
28mm	88096	90mm	1/4"	54mm	88086	90mm	1/4"
30mm	88095	90mm	1/4"				

Adjustable Circle Cutter

Having adjustable two for sharp blades on both side of the measure-bars. Can be used cut many kinds of materials, such as Plywood, Hardwood, Laminates, Composite, Rubber, Plastic, etc.

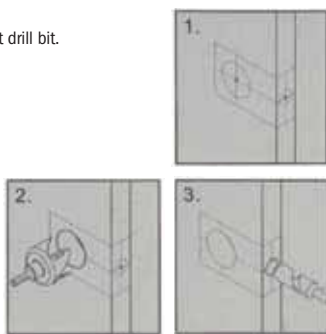


Model	WP-8347(120)	WP-8347(200)	WP-8347(300)
Code	74917	74918	74919
Size	30-120mm	30-200mm	30-300mm
Dia. of shank	10mm	8mm	10mm
Drill Size	Ø8x65mm	Ø8x65mm	Ø8x65mm
Shank Material	A3	A3	A3
Knife Material	YG6X	YG6X	YG6X
Q'ty/Ctn	60pcs	50pcs	40pcs

Lock Installation Kit

Precise boring for door is assured with four edged hole saw and pilot drill bit. Cut type hole saw with a mandrel bit is for larger lock hole. Wood Auger Bit is for latch hole.

Model	WP8345
Code	74916
Hole Saw	Ø54mm 5Tpi
Drill Dia.	9mm
L Hex Key	4mm
Auger Bit	Ø22x120mm
Auger Bit Shank Size	10mm Hex
Q'ty/Ctn	60pcs



Plug Cutter



Four-Tooth Plug Cutter

Code	Model	Shank	Bar Code
95900	WP-050	Φ1/4"	81-2950-
Size: 6mm; 10mm; 12mm; 16mm			

This set includes 4 standard plug cutters and 4 four-tooth chamfered cutters. Chamfered cutters make tapered plugs to fill countersunk holes.

Code	Model	Shank	Bar Code
95901	WP-051	Φ1/4"	81-2951-
Four-Tooth: 1/4"; 3/8"; 1/2"; 5/8" Round: 6; 10; 12; 16mm			

Hole Saw for Wood

These hole saws are used to cut perfectly round holes in a wide variety of materials. Because they only cut out the perimeter line of the hole, they are much more efficient than a spade drill or twist drill.



8 Pcs Hole Saw for Wood

Code:100194
 Bar Code:88-3208-
 Connecting Rod with Drill 1pc
 Hex Key 2.5mm 1pc
 Pressing Plate 1pc
 Hole Saw 5pcs:64mm,76mm,
 89mm,102mm,127mm



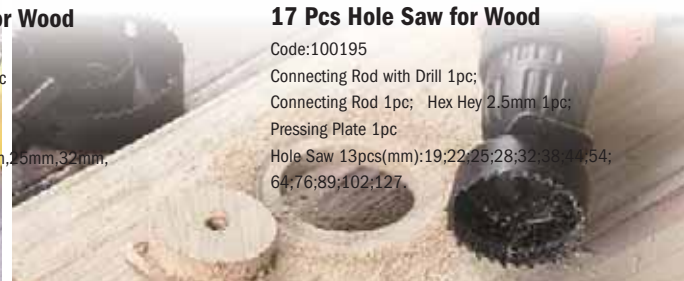
11 Pcs Hole Saw for Wood

Code:107003
 Connecting Rod with Drill 1pc
 Hex Key 2.5mm 1pc
 Pressing Plate 1pc
 Hole Saw 8pcs:19mm,22mm,25mm,32mm,
 38mm,44mm,54mm,64mm



17 Pcs Hole Saw for Wood

Code:100195
 Connecting Rod with Drill 1pc;
 Connecting Rod 1pc; Hex Key 2.5mm 1pc;
 Pressing Plate 1pc
 Hole Saw 13pcs(mm):19;22;25;28;32;38;44;54;
 64;76;89;102;127.



Hole Cutter HSS

Hole Cutter HSS

For tough drilling on 1.6mm thick iron plate.

Material: HSS (SKH51)
 Packing: Plastic Box
 Length:57.5mm
 Head Length:14.5mm



Size	Code	Length	Shank Dia.mm	Teeth	Bar Code	Size	Code	Length	Shank Dia.mm	Teeth	Bar Code
12mm	68483	57	7.3	8	88-2648-012	40mm	65189	57	9.2	21	88-2648-040
13mm	68182	57	7.3	8	88-2648-013	41mm	65190	57	9.2	22	88-2648-041
14mm	68183	57	7.3	8	88-2648-014	42mm	65191	57	9.2	22	88-2648-042
15mm	68184	57	8.3	9	88-2648-015	43mm	68484	57	9.2	22	88-2648-043
16mm	65175	57	8.3	9	88-2648-016	44mm	65192	57	9.2	22	88-2648-044
17mm	68185	57	8.3	11	88-2648-017	45mm	65193	57	9.2	22	88-2648-045
18mm	65176	57	8.3	11	88-2648-018	47mm	68190	57	9.2	26	88-2648-047
19mm	65177	57	8.3	12	88-2648-019	48mm	65194	57	9.2	26	88-2648-048
20mm	65178	57	8.3	12	88-2648-020	49mm	68191	57	9.2	26	88-2648-049
21mm	65179	57	8.3	12	88-2648-021	50mm	65195	57	9.2	26	88-2648-050
22mm	65180	57	8.3	13	88-2648-022	51mm	65196	57	9.2	27	88-2648-051
23mm	68186	57	8.3	13	88-2648-023	52mm	68192	57	9.2	27	88-2648-052
24mm	65181	57	8.3	14	88-2648-024	53mm	68193	57	9.2	27	88-2648-053
25mm	65182	57	9.2	14	88-2648-025	55mm	65197	57	9.2	24	88-2648-055
26mm	65183	57	9.2	15	88-2648-026	58mm	68406	57	9.2	24	88-2648-058
27mm	68187	57	9.2	15	88-2648-027	54mm	68194	57	9.2	24	88-2648-054
28mm	65184	57	9.2	15	88-2648-028	56mm	65984	57	9.2	24	88-2648-056
29mm	15265	57	9.2	16	88-2648-029	59mm	65985	57	9.2	24	88-2648-059
30mm	65185	57	9.2	16	88-2648-030	60mm	65198	57	9.2	25	88-2648-060
31mm	68188	57	9.2	17	88-2648-031	65mm	65199	57	9.2	27	88-2648-065
32mm	65186	57	9.2	17	88-2648-032	66mm	68411	57	9.2	27	88-2648-066
33mm	59778	57	9.2	17	88-3528-033	67mm	68412	57	9.2	27	88-2648-067
34mm	69568	57	9.2	19	88-2648-034	70mm	65200	57	9.2	29	88-2648-070
35mm	65187	57	9.2	19	88-2648-035	73mm	75755	57	9.2	31	88-2648-073
36mm	69569	57	9.2	19	88-2648-036	74mm	68417	57	9.2	31	88-2648-074
37mm	69570	57	9.2	21	88-2648-037	75mm	65201	57	9.2	31	88-2648-075
38mm	65188	57	9.2	21	88-2648-038	80mm	65202	57	9.2	33	88-2648-080
39mm	68189	57	9.2	21	88-2648-039	61mm(K)	68407	57	9.2	25	88-2648-061

Hole Cutter TCT

For tough drilling on 5mm thick stainless steel sheet. Low wear-off. For drill operation on stainless steel sheet or square wares, cast irons. Iron plates and F.R.P. Formed products.

Material: TCT (YG-8)
Packing: Plastic Box
Length: 75mm
Head Length: 29mm



Size	Code	Length	Shank Dia.mm	Teeth	Bar Code	Size	Code	Length	Shank Dia.mm	Teeth	Bar Code
13mm	69848	81	9.3±0.1	3	88-2728-013	50mm	69877	81	9.3±0.1	10	88-2728-050
16mm	69849	81	9.3±0.1	4	88-2728-016	51mm	69878	81	9.3±0.1	10	88-2728-051
17mm	69850	81	9.3±0.1	4	88-2728-017	53mm	69879	81	9.3±0.1	10	88-2728-053
18mm	69851	81	9.3±0.1	4	88-2728-018	55mm	69880	81	9.3±0.1	10	88-2728-055
19mm	69852	81	9.3±0.1	4	88-2728-019	57mm	69145	81	9.3±0.1	10	88-2728-057
20mm	69853	81	9.3±0.1	6	88-2728-020	58mm	69146	81	9.3±0.1	10	88-2728-058
21mm	69854	81	9.3±0.1	6	88-2728-021	60mm	69881	81	9.3±0.1	12	88-2728-060
22mm	69855	81	9.3±0.1	6	88-2728-022	61mm	69147	81	9.3±0.1	12	88-2728-061
23mm	69857	81	9.3±0.1	6	88-2728-023	62mm	69148	81	9.3±0.1	12	88-2728-062
24mm	69858	81	9.3±0.1	6	88-2728-024	63mm	69149	81	9.3±0.1	12	88-2728-063
25mm	69859	81	9.3±0.1	6	88-2728-025	64mm	69150	81	9.3±0.1	12	88-2728-064
26mm	69861	81	9.3±0.1	6	88-2728-026	65mm	69882	81	9.3±0.1	12	88-2728-065
27mm	69862	81	9.3±0.1	6	88-2728-027	66mm	69151	81	9.3±0.1	12	88-2728-066
28mm	69863	81	9.3±0.1	6	88-2728-028	67mm	69157	81	9.3±0.1	12	88-2728-067
29mm	69864	81	9.3±0.1	6	88-2728-029	68mm	69152	81	9.3±0.1	12	88-2728-068
30mm	69865	81	9.3±0.1	6	88-2728-030	69mm	69153	81	9.3±0.1	12	88-2728-069
32mm	69866	81	9.3±0.1	8	88-2728-032	70mm	69884	81	9.3±0.1	12	88-2728-070
33mm	69867	81	9.3±0.1	8	88-2728-033	71mm	69154	81	9.3±0.1	12	88-2728-071
34mm	69868	81	9.3±0.1	8	88-2728-034	72mm	69155	81	9.3±0.1	12	88-2728-072
35mm	69869	81	9.3±0.1	8	88-2728-035	74mm	69156	81	9.3±0.1	12	88-2728-074
36mm	69870	81	9.3±0.1	8	88-2728-036	75mm	69885	81	9.3±0.1	12	88-2728-075
38mm	69871	81	9.3±0.1	8	88-2728-038	80mm	69886	81	9.3±0.1	15	88-2728-080
40mm	69872	81	9.3±0.1	8	88-2728-040	85mm	69887	81	9.3±0.1	15	88-2728-085
41mm	69873	81	9.3±0.1	8	88-2728-041	90mm	69888	81	9.3±0.1	15	88-2728-090
42mm	69874	81	9.3±0.1	8	88-2728-042	95mm	69889	81	9.3±0.1	18	88-2728-095
45mm	69875	81	9.3±0.1	8	88-2728-045	100mm	69890	81	9.3±0.1	18	88-2728-100
48mm	69876	81	9.3±0.1	8	88-2728-048						

M42 BI-Metal Hole Saw

Packing: Plastic Box
Material: M42



For tough drilling on stainless steel, aluminum, brass, cast iron, plastic and pipes

Size	Code	Height	Shank	Handle Type	Center Drill Dia.	Center Drill Length	Bar Code
19mm	62640	40mm	M14X1.5	A-1/2	6mm	72mm	88-3340-019
20mm	62641	40mm	M14X1.5	A-1/2	6mm	72mm	88-3340-020
22mm	62642	40mm	M14X1.5	A-1/2	6mm	72mm	88-33400022
25mm	62643	40mm	M14X1.5	A-1/2	6mm	72mm	88-3340-025
27mm	62644	40mm	M16X1.5	A-3/4	6mm	72mm	88-3340-027
30mm	62645	40mm	M16X1.5	A-3/4	6mm	72mm	88-3340-030
32mm	62646	40mm	M16X1.5	A-3/4	6mm	72mm	88-3340-032
35mm	62647	40mm	M16X1.5	A-3/4	6mm	72mm	88-3340-035
38mm	62648	40mm	M16X1.5	A-3/4	6mm	72mm	88-3340-038
40mm	62649	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-040
44mm	62650	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-044
46mm	62651	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-046
51mm	62652	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-051
54mm	62653	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-054
60mm	62654	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-060
64mm	62655	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-064
70mm	62656	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-070
76mm	62657	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-076
83mm	62658	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-083
89mm	62659	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-089
95mm	62660	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-095
102mm	62661	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-102
108mm	62662	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-108
114mm	62663	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-114
127mm	62664	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-127
140mm	62665	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-140
152mm	62666	38mm	M16X1.5	A-3/4	6mm	72mm	88-3340-152

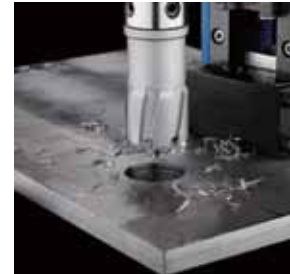
TCT Annular Cutter

One Touch Shank

Selected special-purpose carbide tips with multi-cut geometry for ply-cutting and lower friction .

Reduced damage of tip and improved performance of chips removal

Applicable to hole cutting and process of annular groove on various magnetic drills and press



Item NO.	Code	Dia.	Cutting Depth	Teeth	Shank Dia.
JB-1235	106493	12mm	35mm	4T	3/4"(19.05mm)
JB-1435	104940	14mm	35mm	4T	3/4"(19.05mm)
JB-1535	104941	15mm	35mm	4T	3/4"(19.05mm)
JB-1635	104942	16mm	35mm	6T	3/4"(19.05mm)
JB-1735	104943	17mm	35mm	6T	3/4"(19.05mm)
JB-1835	104944	18mm	35mm	6T	3/4"(19.05mm)
JB-1935	104945	19mm	35mm	6T	3/4"(19.05mm)
JB-2035	104946	20mm	35mm	6T	3/4"(19.05mm)
JB-2135	104947	21mm	35mm	6T	3/4"(19.05mm)
JB-2235	104948	22mm	35mm	6T	3/4"(19.05mm)
JB-2435	104949	24mm	35mm	6T	3/4"(19.05mm)
JB-2535	104950	25mm	35mm	6T	3/4"(19.05mm)
JB-2635	104951	26mm	35mm	6T	3/4"(19.05mm)
JB-2735	104952	27mm	35mm	6T	3/4"(19.05mm)
JB-2835	104953	28mm	35mm	6T	3/4"(19.05mm)
JB-3035	104954	30mm	35mm	6T	3/4"(19.05mm)
JB-3235	104955	32mm	35mm	6T	3/4"(19.05mm)
JB-3335	104956	33mm	35mm	6T	3/4"(19.05mm)
JB-3435	104957	34mm	35mm	6T	3/4"(19.05mm)
JB-3535	104958	35mm	35mm	6T	3/4"(19.05mm)
JB-3635	104959	36mm	35mm	6T	3/4"(19.05mm)
JB-3835	104960	38mm	35mm	6T	3/4"(19.05mm)
JB-4035	104961	40mm	35mm	6T	3/4"(19.05mm)

Item NO.	Code	Dia.	Cutting Depth	Teeth	Shank Dia.
JB-1250	111707	12mm	50mm	4T	3/4"(19.05mm)
JB-1450	111708	14mm	50mm	4T	3/4"(19.05mm)
JB-1550	111709	15mm	50mm	4T	3/4"(19.05mm)
JB-1650	111710	16mm	50mm	6T	3/4"(19.05mm)
JB-1750	111711	17mm	50mm	6T	3/4"(19.05mm)
JB-1850	111712	18mm	50mm	6T	3/4"(19.05mm)
JB-1950	111713	19mm	50mm	6T	3/4"(19.05mm)
JB-2050	111714	20mm	50mm	6T	3/4"(19.05mm)
JB-2150	111715	21mm	50mm	6T	3/4"(19.05mm)
JB-2250	111716	22mm	50mm	6T	3/4"(19.05mm)
JB-2450	111717	24mm	50mm	6T	3/4"(19.05mm)
JB-2550	111718	25mm	50mm	6T	3/4"(19.05mm)
JB-2650	111719	26mm	50mm	6T	3/4"(19.05mm)
JB-2750	111720	27mm	50mm	6T	3/4"(19.05mm)
JB-2850	111721	28mm	50mm	6T	3/4"(19.05mm)
JB-3050	111722	30mm	50mm	6T	3/4"(19.05mm)
JB-3250	111723	32mm	50mm	6T	3/4"(19.05mm)
JB-3350	111724	33mm	50mm	6T	3/4"(19.05mm)
JB-3450	111725	34mm	50mm	6T	3/4"(19.05mm)
JB-3550	111726	35mm	50mm	6T	3/4"(19.05mm)
JB-3650	111727	36mm	50mm	6T	3/4"(19.05mm)
JB-3850	111728	38mm	50mm	6T	3/4"(19.05mm)
JB-4050	111729	40mm	50mm	6T	3/4"(19.05mm)
JB-4250	111747	42mm	50mm	6T	3/4"(19.05mm)
JB-4550	111748	45mm	50mm	6T	3/4"(19.05mm)
JB-5050	111749	50mm	50mm	9T	3/4"(19.05mm)

Arbor TCT Annular Cutter



Item NO.	Code	Size	Bar Code
AJB-MT2	104962	MT2X50X19.05	82-7300-0250
AJB-MT3	104963	MT3X75X19.05	82-7300-0375

Center Pin



Item NO.	Code	Size	Suit for Drill
CPJ-1	105114	6.35/5.3x90mm	12-17mm
CPJ-2	105115	7.98x90mm	18-65mm
CPJ-3	111734	6.35/5.3x106mm	12-17mm
CPJ-4	111735	7.98x108mm	18-65mm

Countersink

5 flutes countersink for chamfering & countersinking

Countersink tool bit set counter sink

Material: High Speed Steel

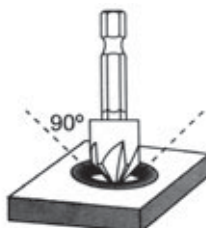
Cut quickly & easily in the wood, soft metal, rubber, plastic and other machinable materials.

For the carpentry, locksmiths, car, metal working

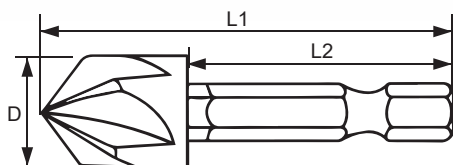
Every time you top off a perfect pilot hole with a countersink, the screw head seats properly.

Great For The Workbench Or Toolbox

Ideal for chamfering and countersinking



MPM-03



MPM-05

Size	Teeth	Angle	D	L1	L2	Shank	Weight
8mm	5	90°	8mm	48mm	24mm	1/4" Hex	12g
10mm	5	90°	10mm	48mm	24mm	1/4" Hex	15g
12mm	5	90°	12mm	48mm	26mm	1/4" Hex	19g
16mm	5	90°	16mm	48mm	28mm	1/4" Hex	25g
19mm	5	90°	19mm	48mm	28mm	1/4" Hex	33g

Model	Code	Size	Shank	Teeth	Angle	Q'ty/Box	Q'ty/Ctn	N.W.
MPM-03	107220	12/16/19MM	1/4" Hex	5	90°	10	100	12kg/100pcs
MPM-05	107221	8/10/12/16/19MM	1/4" Hex	5	90°	10	50	15kg/50pcs

Step Drill

Automatically Deburrs Holes as You Drill.

Nitride Coating for Cooler Running.

High Speed Steel M2 for Long Life.

These Step Drill Bits are Ideal for Stainless

They Also Help to Enlarge Existing Holes.

Straight Groove Triangular Shank



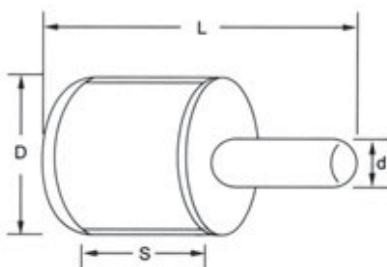
Model	Code	Steps	Length	Shank Size	Weight	Q'ty/Box	Q'ty/Ctn	Size
SD-20	107779	9	76mm	Ø8x21mm	52g	10pcs	300pcs	4-20mm(4,6,8,10,12,14,16,18,20mm)
SD-30	107780	14	102mm	Ø10x24mm	145g	10pcs	100pcs	4-30mm(4,6,8,10,12,14,16,18,20,22,24,26,28,30mm)
SD-40	107781	13	105mm	Ø10x24mm	242g	10pcs	50pcs	4-39mm(4,6,9,12,15,18,21,24,26,30,33,36,39mm)



Model	Code	Steps	Shank	Material	Weight	Q'ty/Box	Q'ty/Ctn	Size
SD-05	95410	5	6mm Hex	M2	21g	20pcs	500pcs	4,6,8,10,12mm
SD-09	95411	9	8mm Hex	M2	44g	10pcs	300pcs	4,6,8,10,12,14,16,18,20MM
SD-14	95412	14	10mm Hex	M2	129g	10pcs	100pcs	4,6,8,10,12,14,16,18,20,22,24,26,28,30MM

Diamond Core Drill For Glass

Material : Diamond
Surface Treatment : Cr Finished

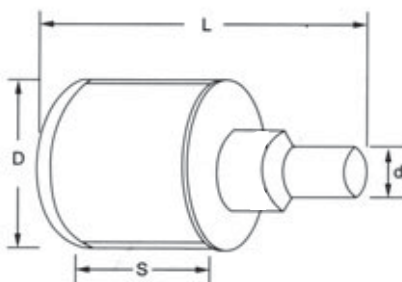


UNIT:mm

Size	Code	L	S	d(Φ)	Size	Code	L	S	d(Φ)	Size	Code	L	S	d(Φ)
4MM	14299	50	/	3	23mm	73365	55	30	8	50mm	73379	55	30	10
5MM	14300	50	/	3	24mm	73366	55	30	8	52mm	73380	55	30	10
6MM	14301	50	/	5	25MM	73367	55	30	8	54mm	73381	55	30	10
8MM	45254	50	30	6	26MM	73368	55	30	8	55mm	73382	55	30	10
10MM	16246	50	30	6	28MM	73369	55	30	8	60mm	73383	55	30	10
12MM	15599	50	30	6	30MM	73392	55	30	8	65mm	73384	55	30	10
13MM	14302	50	30	6	32mm	73371	55	30	8	70mm	73385	55	30	10
14mm	14303	50	30	6	34MM	73372	55	30	8	75mm	73386	55	30	10
15MM	73358	50	30	6	35MM	73373	55	30	8	80mm	73387	55	30	10
16MM	73360	50	30	6	36MM	73374	55	30	8	85mm	73388	55	30	10
18MM	73361	50	30	6	38MM	73375	55	30	10	90mm	73389	55	30	10
19MM	73362	55	30	8	40MM	73376	55	30	10	100mm	73391	55	30	10
20MM	73363	55	30	8	42mm	73377	55	30	10					
22MM	73364	55	30	8	45mm	73378	55	30	10					

Diamond Core Drill For Marble

Material : Diamond
Surface Treatment : Cr Finished



UNIT:mm

Size	Code	L	S	d(Φ)	Size	Code	L	S	d(Φ)	Size	Code	L	S	d(Φ)
4mm	61597	50	/	3	23mm	75040	65	35	8	52mm	75046	65	35	10
5mm	61598	50	/	3	24mm	75041	65	35	8	54mm	75047	65	35	10
6mm	61599	55	/	5	25mm	61609	65	35	8	55mm	75048	65	35	10
8mm	61600	55	35	6	26mm	61611	65	35	8	60mm	75049	65	35	10
10mm	61601	55	35	6	28mm	61612	65	35	8	65mm	61618	65	35	10
12mm	61602	55	35	6	30mm	61613	65	35	8	70mm	75050	65	35	10
13mm	61603	55	35	6	32mm	61614	65	35	10	75mm	75051	65	35	10
14mm	61604	55	35	6	34mm	75042	65	35	10	76mm	61619	65	35	10
15mm	61605	55	35	6	35mm	65277	65	35	10	80mm	75052	65	35	10
16mm	61606	55	35	6	38mm	75043	65	35	10	85mm	75053	65	35	10
18mm	61607	65	35	8	40mm	61616	65	35	10	90mm	75054	65	35	10
19mm	65276	65	35	8	42mm	75044	65	35	10	95mm	75055	65	35	10
20mm	61608	65	35	8	45mm	75045	65	35	10	100mm	75056	65	35	10
22mm	61610	65	35	8	50mm	61617	65	35	10					

Multifunction Overload Drill

Triangular handle design makes the drill bit have firmer clamping without slipping, and U-shaped spiral groove design makes drilling smoother, so this drill bit is pretty practical and easy to use.

These drill bits are made of YG6X hard alloy, which is anti-corrosion and durable, high hardness, strong toughness

This drill bit can be used in ceramic punching, glass punching and so on.



Model	Code	Length	Shank Dia.(Ø)	Flute Length
6MM	101197	100mm	5mm	53mm
8MM	101198	115mm	7mm	66mm
10MM	101199	120mm	8mm	68mm
12MM	101200	120mm	10mm	68mm

Glass Drill

Ideal for cutting plaster backed tiles, glass and ceramics. Spear-point carbide tip and a fluteless straight shank.



Material:YG6X

Size	Code	Length	Shank Dia.
3mm	92288	65mm	2.5mm
4mm	92289	65mm	3.2mm
5mm	92290	65mm	4.4mm
6mm	92291	70mm	4.4mm
7mm	92298	75mm	5.4mm
8mm	92292	75mm	5.4mm
9mm	92297	80mm	6.4mm
10mm	92293	80mm	6.4mm
12mm	92294	85mm	8mm
14mm	92295	90mm	8mm
16mm	92296	95mm	8mm



Diamond Core Drill Segmented

These high quality drill bits are perfect for use with electric core drills for drilling on granite, hard stone, concrete, reinforced concrete, and other hard surfaces. Its durable construction will ensure smooth operation of the drills.



Model	Code	Size	Length	Knife(pcs)	Shank Dia.	Bar Code
DCS-06	96877	Ø6mm	73mm	1	6mm	84-1350-006
DCS-08	96878	Ø8mm	73mm	1	8mm	84-1350-008
DCS-10	96879	Ø10mm	73mm	1	10mm	84-1350-010
DCS-12	96880	Ø12mm	83mm	2	10mm	84-1350-012
DCS-14	96881	Ø14mm	83mm	2	10mm	84-1350-014
DCS-16	96882	Ø16mm	83mm	2	10mm	84-1350-016
DCS-18	96883	Ø18mm	83mm	2	10mm	84-1350-018
DCS-20	96884	Ø20mm	83mm	2	10mm	84-1350-020
DCS-22	96885	Ø22mm	83mm	2	10mm	84-1350-022
DCS-25	96886	Ø25mm	83mm	3	10mm	84-1350-025
DCS-28	96887	Ø28mm	83mm	3	10mm	84-1350-028
DCS-30	96888	Ø30mm	83mm	3	10mm	84-1350-030
DCS-32	96889	Ø32mm	83mm	3	10mm	84-1350-032
DCS-35	96890	Ø35mm	83mm	4	10mm	84-1350-035
DCS-40	96891	Ø40mm	83mm	4	10mm	84-1350-040
DCS-45	96892	Ø45mm	83mm	5	10mm	84-1350-045
DCS-50	96893	Ø50mm	83mm	5	10mm	84-1350-050
DCS-55	96894	Ø55mm	83mm	5	10mm	84-1350-055
DCS-60	96895	Ø60mm	83mm	6	10mm	84-1350-060
DCS-65	96896	Ø65mm	83mm	6	10mm	84-1350-065

Diamond Masonry Bits

Diamond core bit join up with short body corebarrel and adapter.
 Adapter Thread: 1¼"-3
 Material: YG9X

We accept orders for bits of non-standard Diamete

O.D of Core Bits (mm)	Code	Teeth	Knife Size	Total length (mm)
1"(25.4mm)	71532	3	20x3.8x10.2mm	440
1.5"(38mm)	74376	4	22.5x3.8x10.2mm	440
2"(51mm)	74377	5	20x3.8x10.2mm	440
2.5"(63.5mm)	74378	6	24x3.8x10.2mm	440
3"(76mm)	74379	7	24x3.8x10.2mm	440
3.5"(88mm)	74380	8	24x3.8x10.2mm	440
4"(102mm)	72153	9	24x4.0x10.2mm	440
5"(127mm)	74161	11	24x4.3x10.2mm	440
6"(152mm)	74381	12	24x4.3x10.2mm	440
7"(180mm)	74382	13	24x4.3x10.2mm	440
8"(202mm)	74383	15	24x5.0x10.2mm	440
9"(230mm)	81921	16	24x5.0x10.2mm	440
10"(254mm)	66902	17	24x5.0x10.2mm	440



Suit for thread 1-1/4"-3

WWW

Diamond core bit join up with short body corebarrel and adapter.
 Adapter Thread: M22X1.5mm
 Material: YG9X

O.D of Core Bits (mm)	Code	Teeth	Knife Dia.	Knife High	Total length (mm)
1"(25.4mm)	71532	3	26mm	10mm	440
1.5"(38mm)	74376	5	38mm	10mm	440
2"(51mm)	74377	5	50mm	10mm	440
2.5"(63.5mm)	74378	6	63mm	10mm	440
3"(76mm)	74379	7	76mm	10mm	440
3.5"(88mm)	74380	8	89mm	10mm	440
4"(102mm)	72153	9	102mm	10mm	440
5"(127mm)	74161	11	127mm	10mm	440
6"(152mm)	74381	12	152mm	10mm	440
7"(180mm)	74382	12	178mm	10mm	440
8"(202mm)	74383	15	202mm	10mm	440
9"(230mm)	81921	17	230mm	10mm	440
10"(254mm)	66902	18	254mm	10mm	440



Suit for thread M22X1.5



Recoil Insert Kit Set



TRK-01



TRK-02



TRK-03



TRK-04



TRK-05



TRK-06

25Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-01	97385	20pcs 10 Wire Thread Inserts	M5x0.8x6.7mm
		1pc Installation Tools	3.8mm
		1pc Break Pin Tools	3.8mm
		1pc Tap	M5×0.8
		1pc Twist Drill	φ5.2mm
		1pc Hex Key	2mm

25Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-02	97386	20pcs 10 Wire Thread Inserts	M6x1.0x8mm
		1pc Installation Tools	4.8mm
		1pc Break Pin Tools	4.8mm
		1pc Tap	M6×1
		1pc Twist Drill	φ6.2mm
		1pc Hex Key	2mm

25Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-03	97387	20pcs 10 Wire Thread Inserts	M8x1.25x13.5mm
		1pc Installation Tools	5.8mm
		1pc Break Pin Tools	5.8mm
		1pc Tap	M8×1.25
		1pc Twist Drill	φ8.3mm
		1pc Hex Key	2mm

15Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-04	97388	10pcs 10 Wire Thread Inserts	M10x1.0x13.5mm
		1pc Installation Tools	7.8mm
		1pc Break Pin Tools	7.8mm
		1pc Tap	M10×1
		1pc Twist Drill	φ10.3mm
		1pc Hex Key	2mm

25Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-05	97389	20pcs 10 Wire Thread Inserts	M10×1.25×13.5mm
		1pc Installation Tools	7.8mm
		1pc Break Pin Tools	7.8mm
		1pc Tap	M10×1.25
		1pc Twist Drill	φ10.3mm
		1pc Hex Key	2mm

15Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-06	97390	10pcs 10 Wire Thread Inserts	M10×1.5×13.5mm
		1pc Installation Tools	7.8mm
		1pc Break Pin Tools	7.8mm
		1pc Tap	M10×1.5
		1pc Twist Drill	φ10.3mm
		1pc Hex Key	2mm

Recoil Insert Kit Set



TRK-07



TRK-08



TRK-09



TRK-10



TRK-11



TRK-12

15Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-07	97391	10pcs 10 Wire Thread Inserts	M12×1.25×16.3mm
		1pc Installation Tools	8.8mm
		1pc Break Pin Tools	8.8mm
		1pc Tap	M12×1.25
		1pc Twist Drill	φ12.3mm
		1pc Hex Key	2mm

15Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-08	97392	10pcs 10 Wire Thread Inserts	M12×1.5×16.3mm
		1pc Installation Tools	8.8mm
		1pc Break Pin Tools	8.8mm
		1pc Tap	M12×1.5
		1pc Twist Drill	φ12.4mm
		1pc Hex Key	2mm

15Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-09	97393	10pcs Recoil Insert	M12×1.75×16.3mm
		1pc Installation Tools	8.8mm
		1pc Break Pin Tools	8.8mm
		1pc Tap	M12×1.75
		1pc Twist Drill	φ12.4mm
		1pc Hex Key	2mm

15Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-10	97394	10pcs 10 Wire Thread Inserts	M14×1.25×16.3mm
		1pc Installation Tools	11.7mm
		1pc Break Pin Tools	10mm
		1pc Tap	M14×1.5
		1pc Twist Drill	φ14.4mm
		1pc Hex Key	2mm

15Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-11	97395	10pcs 10 Wire Thread Inserts	M14×1.5×16.3mm
		1pc Installation Tools	11.7mm
		1pc Break Pin Tools	10mm
		1pc Tap	M14×1.5
		1pc Twist Drill	φ14.4mm
		1pc Hex Key	2mm

15Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-12	97396	10pcs 10 Wire Thread Inserts	M14×2.0×16.3mm
		1pc Installation Tools	11.7mm
		1pc Break Pin Tools	10mm
		1pc Tap	M14×2
		1pc Twist Drill	φ14.4mm
		1pc Hex Key	2mm

Recoil Insert Kit Set



88Pcs Recoil Insert Kit Set

Model	Code	Including	Size
TRK-88	97397	25pcs 75Wire Thread Inserts	M6×1.0×8mm
		25pcs 75Wire Thread Inserts	M8×1.25×10.8mm
		25pcs 75Wire Thread Inserts	M10×1.5×13.5mm
		3pcs Installation Tools	φ4.8/5.8/7.8mm
		3pcs Break Pin tools	φ4.8/5.8/7.8mm
		3pcs Taps	M6×1.0/M8×1.25/M10×1.5
		3pcs Twist Drills	φ6.2/φ8.3/φ10.3mm
		1pc Hex Key	2mm

Recoil Insert

1. Drilling with the matched drill.
2. Tapping with the special screw tap for recoil insert marked thread specification.
3. Put recoil insert into mounting groove.
4. Press recoil insert gently to roll-in hole, don't slam the recoil insert in case of dislocation.
5. Then put thrust device into recoil insert, get rid of installing shaft with a hammer about 200g.



Code	Size	No. of Coil	Bar Code
97363	5x0.8 2D	9.7	31-1810-0508
97364	6X1.0 2D	9.6	31-1810-0610
97365	6X1.0 3D	14.6	31-1810-0611
97366	8X1.25 2D	10.6	31-1810-0812
97367	8X1.25 3D	16.4	31-1810-0813
97368	10X1.0 2D	16.3	31-1810-1010
97369	10X1.0 3D	25	31-1810-1011
97370	10X1.25 2D	13.1	31-1810-1012
97371	10X1.25 3D	20.1	31-1810-1013
97372	10X1.5 2D	11.2	31-1810-1015
97373	10X1.5 3D	17.2	31-1810-1016
97374	12X1.25 2D	15.9	31-1810-1212

Code	Size	No. of Coil	Bar Code
97375	12X1.25 3D	24.3	31-1810-1213
97376	12X1.5 2D	13.5	31-1810-1215
97377	12X1.5 3D	20.8	31-1810-1216
97378	12X1.75 2D	11.7	31-1810-1217
97379	12X1.75 3D	18	31-1810-1218
97380	14X1.25 2D	28mm/19	31-1810-1412
97381	14X1.25 3D	28.5	31-1810-1413
97480	14x1.25x14.4	9.1	31-1810-1414
97382	14X1.5 2D	15.7	31-1810-1415
97383	14X1.5 3D	24	31-1810-1416
97384	14X2.0 2D	12	31-1810-1420

Recoil Insert Spark Plug



1. Drilling with the matched drill.
2. Tapping with the special screw tap for recoil insert marked threadspecification.
3. Put recoil insert into mounting groove.
4. Press recoil insert gently to roll-in hole, don't slam the recoil insert in case of dislocation.
5. Then put thrust device into recoil insert, get rid of installing shaft with a hammer about 200g.

Model	Code	No. of Coil	Weight	Q'ty/Box	Q'ty/Ctn
10X1.0 2D-SP	108134	16.3	2.3g	20pcs	2500pcs
10X1.0 3D-SP	108135	25	3.5g	20pcs	1000pcs

20pcs Tap and Die Set

The tap and die set metric and standard are entirely machined. Thus, it's very sharp and will not damage during cutting a new thread or repairing the old one. The whole set passed the heat treatment precisely and is widely-used size.

We can set the wrench at the location of clockwise rotation or anti-clockwise rotation. We can rotate the clamp at 180° to make it.

The large tap and die set can work on most metals, such as carbon steel, iron, aluminum, brass, copper, stainless steel, etc.

We can use it to make a new thread or repair the old one.

Model	WP-720M
Code	112783
Adjustable Tap Wrench	1pc 3~12mm
Die Handle	1pc M25
Tap and Die (9sets)	M3X0.5, M4X0.7, M5X0.8, M6X1, M7X1, M8X1.25, M9X1.25, M10X1.5, M12X1.75
Single Weight	624g
Q'ty/Ctn	24 sets
N.W./G.W.	17/18kgs
Meas.	33x28x19cm



40pcs Tap and Die Set

The tap and die set metric and standard are entirely machined. Thus, it's very sharp and will not damage during cutting a new thread or repairing the old one. The whole set passed the heat treatment precisely and is widely-used size.

We can set the wrench at the location of clockwise rotation or anti-clockwise rotation. We can rotate the clamp at 180° to make it.

The large tap and die set can work on most metals, such as carbon steel, iron, aluminum, brass, copper, stainless steel, etc. We can use it to make a new thread or repair the old one.

The taps and dies in different sizes can meet different threading repair needs. The taps with features of good toughness, chips removing quickly and not easy to break.

Adjustable holders with strong gripping force and non-slipping design for precise fit.

The T-handle tap holder for secure and firm grip, specialized for hand use.

Model	WP-740M
Code	112784
Adjustable Tap Wrench	1pc 3~12mm
T-Handle Tap Wrench	1pc
Die Handle	1pc M25
Screw Driver	1pc
Screw Pitch Gauge	12pcs/1 set
Tap and Die (17sets)	M3X0.5, M3X0.6, M4X0.7, M4X0.75, M5X0.8, M5X0.9, M6X0.75, M6X1, M7X0.75, M7X1, M8X1, M8X1.25, M10X1.25, M10X1.5, M12X1.5, M12X1.75, 1/8"-27NPT
Single Weight	1069g
Q'ty/Ctn	12sets
N.W./G.W.	16.5/17.5kgs
Meas.	33x30x14cm



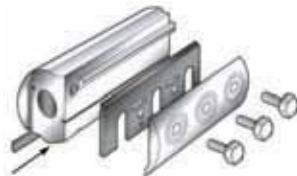
60pcs Tap and Die Set

Model	WP-760M
Code	112785
Adjustable Tap Wrench	1pc 4~12mm
T-Handle Tap Wrench	1pc
Die Handle	1pc M25
Screw Driver	1pc
Screw Pitch Gauge	12pcs/2 sets
Tap and Die (27sets)	4NC40, 6NC32, 8NC32, 10NC24, 12NC24, 1/4NC20, 5/16NC18, 3/8NC16, 7/16NC14, 1/2NC13, 10NF32, 1/4NF28, 5/16NF24, 3/8NF24, 7/16NF20, 1/2NF20, 1/8 NPT27, M3X0.5, M4X0.7, M5X0.8, M6X1, M7X1, M8X1.25, M9X1.25, M10X1, M10X1.25, M12X1.75
Q'ty/Ctn	10sets
N.W./G.W.	21/22kgs
Meas.	44x50x24cm



Planer Blade

Sharp blade fit for cutting soft woods, hard wood, ply-wood board, etc.
NOTE: Suits for Makita 1900B electric planer use.



Model	MAKITA 1900B	MAKITA 1900B	MAKITA 1900B
Code	3392	5499	60872
Material	TCT YG15 Inlay 8mm	TCT YG11 Inlay 6mm	HSS SKH53 Inlay 7mm
Size	82X29X3mm	82X29X3mm	82X29X3mm
Suit for Planer	Makita 1900B	Makita 1900B	Makita 1900B
Single Weight	98g/set	94g/set	86g/set
Packing	Plastic box / 1set(2pcs)	Plastic box / 1set(2pcs)	Plastic box / 1set(2pcs)
Q'ty/Inner box	20sets(40pcs)	20sets(40pcs)	20sets(40pcs)
Q'ty/Ctn	120sets(240pcs)	120sets(240pcs)	120sets(240pcs)



Planer Blade

Sharp blade fit for cutting soft woods, hard wood, ply-wood board, etc.
NOTE: Suits for Makita 1911B / N1911B electric planer use.

Model	MAKITA 1911B	MAKITA N1911B
Code	46800	92620
Material	SKH53 Inlay 9mm	TCT YG12 Inlay 7mm
Size	110X29X3mm	110X29X3mm
Suit for Planer	Makita 1911B	Makita N1911B
Single Weight	118g/set	122g/set
Packing	Plastic box / 1set(2pcs)	Plastic box / 1set(2pcs)
Q'ty/Inner box	10sets(20pcs)	-
Q'ty/Ctn	120sets(240pcs)	200sets(400pcs)



Planer Blade

Sharp blade fit for cutting soft woods, hard wood, ply-wood board, etc.
NOTE: Suits for Makita N1805 electric planer use.

Model	MAKITA N1805	MAKITA N1805
Code	14397	92754
Material	SKH51 Inlay 9mm	TCT YG17 Inlay 10mm
Size	155X32X3mm	155X32X3mm
Suit for Planer	Makita N1805	Makita N1805
Single Weight	199g/set	205g/set
Packing	Plastic box / 1set(2pcs)	Plastic box / 1set(2pcs)
Q'ty/Inner box	10sets(20pcs)	-
Q'ty/Ctn	80sets(160pcs)	150sets(300pcs)



Planer Blade



Model	M155X18.5X2.5	M205X17X2.5	M410X30X3	M510X30X3	M610X30X3
Code	60172	90944	72579	72580	72581
Material	65Mn	65Mn	HSS6542	HSS6542	HSS6542
Size	155x18.5x2.5mm	205x17x2.5mm	410x30X3mm	510x30X3mm	610x30X3mm
Suit for planer	WJ-150	WJ-200	-	-	-
Packing	Plastic box /3pcs	Plastic box /3pcs	Plastic box /2pcs	Plastic box /2pcs	Plastic box /2pcs
Q'ty/Ctn	10sets(30pcs)	15sets(45pcs)	120pcs	100pcs	100pcs
N.W./G.W.			40/45kgs	41/46kgs	48/54kgs
Meas.	20x10x10cm	20x10x10cm	48x27x20cm	58x27x18cm	68x27x18cm

Planer Blade



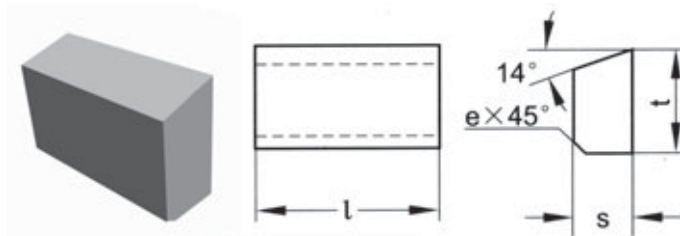
Model	M255X25X3	M255x30x3	M300X25X3	M300X30X3
Code	60003565	60003564	60003663	60003664
Material	TCT YG15 Inlay 10mm	TCT YG15 Inlay 10mm	TCT YG15 Inlay 10mm	TCT YG15 Inlay 10mm
Size	255x25X3mm	255x30x3	300x25X3mm	300x30X3mm
Single Weight	190g/pcs	220g/pcs	- g/pcs	- g/pcs
Packing	Plastic box /3pcs	Plastic box /3pcs	Plastic box /3pcs	Plastic box /3pcs
Q'ty/Ctn	51pcs	99pcs	99pcs	99pcs
Meas.	27x23x21cm	27x23x21cm	27x23x21cm	27x23x21cm

Planer Blade



Model	M410X30X3	M510X30X3	M610X30X3
Code	72948	72949	72950
Material	TCT YG15 Inlay 10mm	TCT YG15 Inlay 10mm	TCT YG15 Inlay 10mm
Size	410x30X3mm	510x30X3mm	610x30X3mm
Single Weight	297g/pcs	380g/pcs	449g/pcs
Packing	Plastic box /2pcs	Plastic box /2pcs	Plastic box /2pcs
Q'ty/Ctn	30pcs	30pcs	30pcs
Meas.	44x15x9cm	54x15x9cm	69x15x9cm

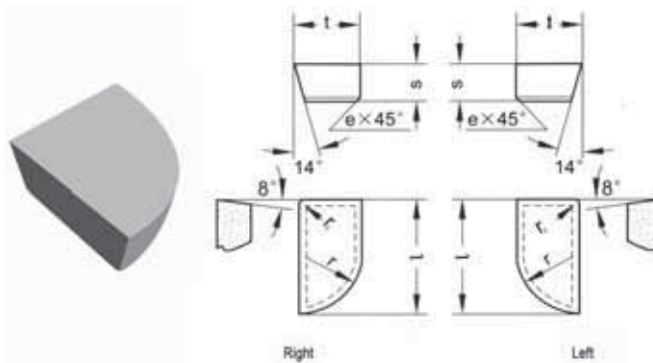
Cemented Carbide Cutting Tools



For making external turning tools,
boring tools and grooving tools.

TYPE A1

Model	Code	Dimension(mm)				Approx Unit Weight(mm)			
		l	t	s	e	YG6	YG8	YT5	YT14
A106		6.0	5.0	2.5	/	1.1	1.1	1.0	0.9
A108	62271	8.0	7.0	3.0	/	2.6	2.5	2.1	1.9
A110	62272	10.0	6.0	3.5	0.8	2.9	2.8	2.4	2.2
A112		12.0	10.0	4.0	0.8	6.8	6.6	5.7	5.2
A114	62274	14.0	12.0	4.5	0.8	10.7	10.5	8.9	8.2
A116	62275	16.0	10.0	5.5	0.8	12.3	12.0	10.5	9.8
A118	63291	18.0	12.0	7.0	0.8	21.3	20.8	17.5	16.3
A118A		18.0	16.0	6.0	0.8	24.7	24.3	21.0	19.7
A120		20.0	12.0	7.0	0.8	23.2	22.8	20.0	18.6
A122		22.0	15.0	8.5	0.8	39.2	38.5	33.0	30.6
A122A		22.0	18.0	7.0	0.8	39.2	38.5	32.8	30.5
A125	64108	25.0	15.0	8.5	0.8	44.5	43.7	36.5	34.0
A130		30.0	16.0	10.0	0.8	66.4	65.3	56.5	51.7
A136		36.0	20.0	10.0	0.8	98.2	96.8	81.0	75.2
A140		40.0	18.0	10.5	1.2	105.6	103.8	88.0	81.7
A150		50.0	20.0	10.5	1.2	149.0	146.0	125.0	116.0
A160		60.0	22.0	10.5	1.2	197.0	193.0	168.0	156.0
A170		70.0	25.0	12.0	1.2	298.0	293.0	257.0	239.0

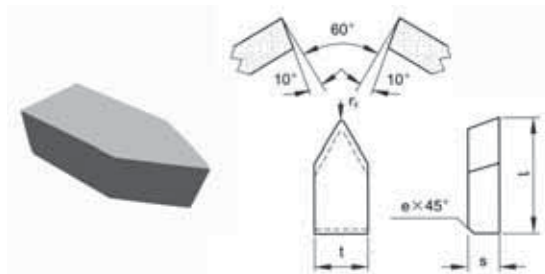


For making external turning tools,
boring tools and face turning tools.

TYPE A4

Model& Code				Dimension(mm)						Approx Unit Weight(mm)			
Right	Code	Left	Code	l	t	s	r	r _c	e	YG6	YG8	YT5	YT14
A406		/		6.0	5.0	2.5	5.0	0.5	/	1.0	0.9	0.8	0.7
A408		/	62261	8.0	6.0	3.0	6.0	0.5	/	1.8	1.8	1.4	1.3
A410	62260	A410Z	62263	10.0	6.0	3.5	6.0	1.0	0.8	2.4	2.4	1.8	1.7
A412	62262	A412Z	62265	12.0	8.0	4.5	8.0	1.0	0.8	5.0	4.9	4.2	3.9
A416	62264	A416Z	62267	16.0	10.0	5.5	10.0	1.0	0.8	10.4	10.2	8.6	8.0
A420	62266	A420Z	62269	20.0	12.0	7.0	12.5	1.0	0.8	19.1	19.0	17.0	15.6
A425	62268	A425Z	85368	25.0	15.0	8.5	16.0	1.0	0.8	37.0	36.4	32.5	30.0
A430	85367	A430Z	85371	30.0	16.0	6.0	16.0	1.0	0.8	36.0	35.4	30.0	27.9
A430A		A430AZ	85370	30.0	16.0	9.5	16.0	1.0	0.8	54.2	53.2	47.0	43.7
A440	85369	A440Z	85372	40.0	18.0	8.0	18.0	1.0	0.8	72.8	71.4	62.0	57.7
A440A		A440AZ		40.0	18.0	10.5	18.0	1.0	1.2	93.5	91.5	79.0	73.5
A450		A450Z		50.0	20.0	8.0	20.0	1.5	0.8	103.0	101.0	87.0	81.0
A450A		A450AZ		50.0	20.0	12.0	20.0	1.5	1.2	151.0	148.0	127.0	118.5

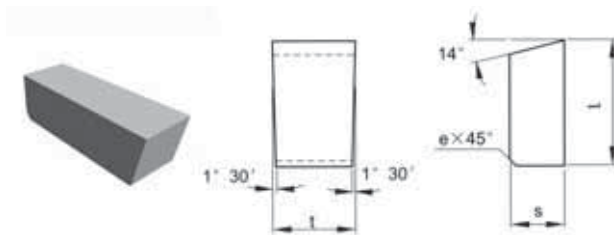
Cemented Carbide Cutting Tools



For making threading tools.

TYPE C1

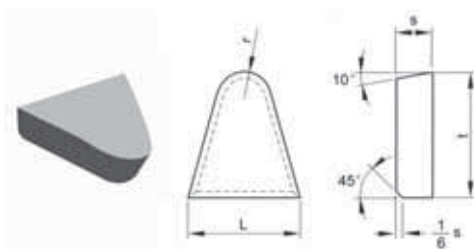
Model	Code	Dimension(mm)					Approx Unit Weight(mm)			
		l	t	s	r	e	YG6	YG8	YT5	YT14
C110	63289	10.0	4.0	3.0	0.5	/	1.5	1.5	1.3	1.2
C116	62255	16.0	6.0	4.0	0.5	0.8	4.8	4.7	4.0	3.7
C120	62256	20.0	8.0	5.0	0.5	0.8	10.1	9.9	8.2	7.7
C122	62258	22.0	10.0	6.0	0.5	0.8	15.6	15.3	13.7	12.1
C125	62259	25.0	12.0	7.0	0.8	0.8	25.0	24.5	21.3	19.1



For making cut-off and grooving tools.

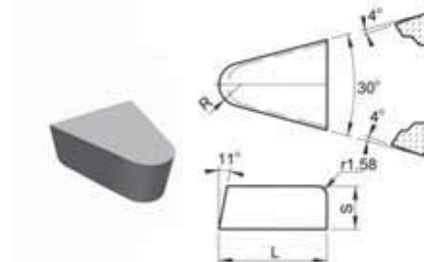
TYPE C3

Model	Code	Dimension(mm)				Approx Unit Weight(mm)			
		l	t	s	e	YG6	YG8	YT5	YT14
C303	66671	12.0	3.5	3.0	/	1.8	1.7	1.5	1.4
C304	63290	14.0	4.5	4.0	0.8	3.4	3.3	2.9	2.7
C305	66672	17.0	5.5	5.0	0.8	6.4	6.2	5.4	5.0
C306		17.0	6.5	6.0	0.8	9.1	8.8	7.6	7.0
C308		20.0	8.5	7.0	0.8	15.9	15.6	13.7	12.3
C310		22.0	10.5	8.0	0.8	24.4	24.0	21.7	20.0
C312		22.0	12.5	10.0	0.8	36.7	36.0	32.0	29.8
C316		25.0	16.5	11.0	1.2	61.2	60.2	54.0	49.5



TYPE G(non-standard)

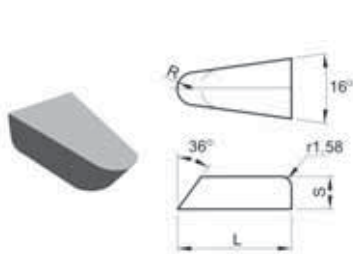
Model	Code	Dimension(mm)			
		L	t	s	r
G8		8.0	12.0	4.0	1.0
G10	66673	10.0	14.0	4.0	1.5
G12	63292	12.0	17.0	5.0	2.5
G16	66787	16.0	20.0	6.0	3.5
G20	66674	20.0	24.0	6.0	4.5
G25	66675	25.0	28.0	8.0	6.0
G30		30.0	34.0	10.0	8.0



SERIES 73-1

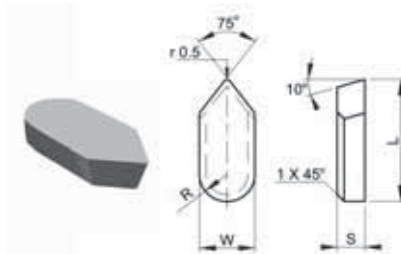
Model	Code	Dimension(mm)		
		L	S	R
73-1		15.9	6.4	3.2
73-11		19.1	4.8	4
73-12		19.1	6.4	4
73-13		19.1	7.9	4
73-14		22.2	6.4	4.8
73-15		22.2	7.9	4.8
73-16		22.2	9.5	4.8

Cemented Carbide Cutting Tools



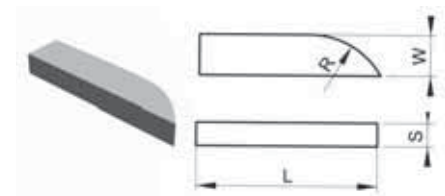
SERIES 73-2

Model	Dimension(mm)		
	L	S	R
73-2	16.7	4.8	2.4
73-21	13.5	4	1.6
73-22	11.9	3.2	1.6
73-23	10.3	2.4	1.2
73-24	19.8	6.4	4



SERIES 73-3

Model	Dimension(mm)		
	L	S	R
73-3	18	8	4



SERIES 73-4

Model	Code	Dimension(mm)		
		L	S	R
73-4	62276	22.2	6.4	9.5
73-41		19.1	4.8	7.9
73-42		17.5	4	7.9
73-43		17.5	3.2	6.4
73-44		12.7	2.4	6.4
73-45		9.5	1.6	6.4

Round Tool Bits SKH-51



Size(mm)	Code	Q'ty/Pags	Bar Code
2.0X100	22756	10PCS	88-1100-020
2.5X100	22757	10PCS	88-1100-025
3.0X100	15363	10PCS	88-1100-030
3.0x150	15350	10PCS	88-1150-030
3.5X100	59391	10PCS	88-1100-035
4.0X100	15364	10PCS	88-1100-040
4.0x150	15351	10PCS	88-1150-040
4.5X100	14455	10PCS	88-1100-045
5.0X100	15365	10PCS	88-1100-050
5.0X150	15352	10PCS	88-1150-050
5.5x100	14457	10PCS	88-1100-055
6.0X100	15366	10PCS	88-1100-060
6.0X150	15353	10PCS	88-1150-060
6.5x100	14440	10PCS	88-1100-065
7.0x100	14441	10PCS	88-1100-070
7.5X100	14442	10PCS	88-1100-075
8.0X100	15367	10PCS	88-1100-080
8.0X150	15354	10PCS	88-1150-080
8.5X100	32771	10PCS	88-1100-085
9.0x100	32772	10PCS	88-1100-090
9.5X100	14446	5PCS	88-1100-095
10.0X100	15368	5PCS	88-1100-100
11.0X100	14448	5PCS	88-1100-110
12.0X100	15369	5PCS	88-1100-120
13.0X100	14624	5PCS	88-1100-130



Metric Square Tool Bits(HSS4241)

Size	Code	Bar Code	Metrial
1/4"x1/4"x4"	72973	88-2125-4014	HSS4241
5/16"x5/16"x4"	72975	88-2125-4516	HSS4241
5/16x5/16X6"	72975	88-2125-6516	HSS4241
3/8"x3/8"x4"	72977	88-2125-4038	HSS4241
3/8"x3/8"x6"	72978	88-2125-6038	HSS4241
1/2"x1/2"x4"	72979	88-2125-4012	HSS4241
5/8"x5/8"x6"	72983	88-2125-6058	HSS4241
3/4x3/4X4"	72984	88-2125-4034	HSS4241
3/4x3/4X6"	72985	88-2125-6034	HSS4241
1/2"x1/2"x6"	74429	88-2125-6012	HSS4241
1/4"x1/4"x6"	74430	88-2125-6014	HSS4241



Metric Square Tool Bits(M35)

Size	Code	Bar Code	Metrial
3/16"x3/16"x4"	96147	88-1131-4316	M35
1/4"x1/4"x4 "	96148	88-1131-4014	M35
1/4"x1/4"x6"	96149	88-1131-6014	M35
5/16"x5/16"x4"	96150	88-1131-4516	M35
5/16"x5/16"x6"	96151	88-1131-6516	M35
3/8"x3/8"x4"	96152	88-1131-4038	M35
3/8"x3/8"x6"	96153	88-1131-6038	M35
1/2"x1/2"x4"	96154	88-1131-4012	M35
1/2"x1/2"x6"	96155	88-1131-6012	M35
5/8"x5/8"x4"	96156	88-1131-4058	M35
5/8"x5/8"x6"	96157	88-1131-6058	M35
3/4"x3/4"x4"	96158	88-1131-4034	M35
3/4"x3/4"x6"	96159	88-1131-6034	M35
1"x1"x6"	96160	88-1131-6001	M35

9PCS CNC Turning Tool Set



P M K

MODEL	CTT-01
Code	
Shank Size	
Single Weight	
Q'ty/Ctn	

Including :

Shank Type	Bit Type
MGEHR1212-3	MGMN300
SER1212H16	16ERAG60
SDNCN1212H11	DCMT11T304
SDJCR1212H11	DCMT11T304
SCLCR1212H09	CCMT09T304
SSSCR1212H09	SCMT09T304
SCLCL1212H09	CCMT09T304
S12M-SCLCR09	CCMT09T304
SNR0012M11	11IRA60



9PCS CNC Turning Tool Set



P M K

MODEL	CTT-02
Code	111613
Shank Size	16x16mm
Single Weight	2.35kg
Q'ty/Ctn	5pcs

Including :

Shank Type	Bit Type
MGEHR1616-3C	MGMN300
SER1616H16	16ERAG60
SDNCN1616H11	DCMT11T304
SDJCR1616H11	DCMT11T304
SCLCL1616H09	CCMT09T304
SCLCR1616H09	CCMT09T304
SSSCR1616H09	SCMT09T304
S16Q-SCLCR09	CCMT09T304
SNR0016Q16	16IRAG60



9PCS CNC Turning Tool Set



P M K

MODEL	CTT-03
Code	111614
Shank Size	20x20mm
Single Weight	4.08kg
Q'ty/Ctn	5pcs

Including :

Shank Type	Bit Type
SDJCR2020K11	DCMT11T304
SCLCL2020K09	CCMT09T304
SCLCR2020K09	CCMT09T304
MGEHR2020-3C	MGMN300
SER2020K16	16ERAG60
SDNCN2020K11	DCMT11T304
SSSCR2020K09	SCMT09T304
S20R-SCLCR09	CCMT09T304
SNR0020R16	16IRAG60



6PCS CNC Turning Tool Set



CUTTING TOOL 8mm (6PCS)

PBS-0806 Code:93589

Size	Length	Shank	Knife	Weight
DIN 4972 L0808 P30	80mm	8×8mm	6×4.8×2.9mm	36g
DIN 4972 R0808 P30	80mm	8×8mm	6×4.8×2.8mm	36g
DIN 4980 R0808 P30	80mm	8×8mm	7.9×5.9×3mm	37g
DIN 4981 R0808 P30	80mm	8×8mm	9.6×3.4×3mm	33g
DIN 282 R0808 P30	80mm	8×8mm	10×3.2×3mm	37g
DIN 4973 R0808 P30	125mm	8×8mm	7.9×6×3mm	56g

Circle Saw Blade



Circle Thin Saw Blade TCT

For plywood thinwood

Model	Code	Size	Material	Bore(mm)	Bar Code
CSH-0724	86226	7" X 24 T (Silent Hole)	65Mn/OKE	20/16	88-7730-7024
CSH-0740	86227	7" X 40 T (Silent Hole)	65Mn/OKE	20/16	88-7730-7040
CSH-0760	86228	7" X 60 T (Silent Hole)	65Mn/OKE	20/16	88-7730-7060

Circle Saw Blade TCT

For Wood

Model	Code	Size	Material	Bore(mm)	Bar Code
CSW-0430	95921	4" 110mmx30T	65Mn/OKE	20/16	88-4511-0030
CSW-0440	95957	4" 110mmx40T	65Mn/OKE	20/16	88-4510-0040
CSW-0624	95922	6" 160mmx24T	65Mn/OKE	25.4/20	88-4516-0024
CSW-0640	95923	6" 160mmx40T	65Mn/OKE	25.4/20	88-4516-0040
CSW-0660	95924	6" 160mmx60T	65Mn/OKE	25.4/20	88-4516-0060
CSW-0724	95925	7" 180mmx24T	65Mn/OKE	25.4/20	88-4518-0024
CSW-0740	95926	7" 180mmx40T	65Mn/OKE	25.4/20	88-4518-0040
CSW-0760	95927	7" 180mmx60T	65Mn/OKE	25.4/20	88-4518-0060
CSW-0780	95956	7" 180mmx80T	65Mn/OKE	25.4/20	88-4518-0080
CSW-0832	95955	8" 203mmx 32T	65Mn/OKE	25.4/20	88-4520-0032
CSW-0840	95928	8" 203mmx 40T	65Mn/OKE	25.4/20	88-4520-0040
CSW-0860	95929	8" 203mmx 60T	65Mn/OKE	25.4/20	88-4520-0060
CSW-0932	95951	9" 235mmx 32T	65Mn/OKE	30/25.4	88-4523-0032
CSW-1032	95958	10" 255mmx 32T	65Mn/OKE	30/25.4	88-4525-0032
CSW-1040	95930	10" 255mmx 40T	65Mn/OKE	30/25.4	88-4525-0040
CSW-1060	95931	10" 255mmx 60T	65Mn/OKE	30/25.4	88-4525-0060
CSW-1080	95932	10" 255mmx 80T	65Mn/OKE	30/25.4	88-4525-0080
CSW-1012	95933	10" 255mmx120T	65Mn/OKE	30/25.4	88-4525-0120
CSW-1232	95952	12" 305mmx 32T	65Mn/OKE	30/25.4	88-4530-0032
CSW-1240	95934	12" 305mmx 40T	65Mn/OKE	30/25.4	88-4530-0040
CSW-1260	95935	12" 305mmx 60T	65Mn/OKE	30/25.4	88-4530-0060
CSW-1280	95936	12" 305mmx 80T	65Mn/OKE	30/25.4	88-4530-0080
CSW-1210	95937	12" 305mmx100T	65Mn/OKE	30/25.4	88-4530-0100
CSW-1212	95938	12" 305mmx120T	65Mn/OKE	30/25.4	88-4530-0120
CSW-1432	95953	14" 355mmx 32T	65Mn/OKE	30/25.4	88-4535-0032
CSW-1440	95939	14" 355mmx 40T	65Mn/OKE	30/25.4	88-4535-0040
CSW-1460	95940	14" 355mmx 60T	65Mn/OKE	30/25.4	88-4535-0060
CSW-1480	95941	14" 355mmx 80T	65Mn/OKE	30/25.4	88-4535-0080
CSW-1410	95949	14" 355mmx100T	65Mn/OKE	30/25.4	88-4535-0100
CSW-1412	95942	14" 355mmx120T	65Mn/OKE	30/25.4	88-4535-0120
CSW-1640	95950	16" 405mmx 40T	65Mn/OKE	30/25.4	88-4540-0040
CSW-1660	95943	16" 405mmx 60T	65Mn/OKE	30/25.4	88-4540-0060
CSW-1680	95944	16" 405mmx 80T	65Mn/OKE	30/25.4	88-4540-0080
CSW-1610	95945	16" 405mmx100T	65Mn/OKE	30/25.4	88-4540-0100
CSW-1612	95946	16" 405mmx120T	65Mn/OKE	30/25.4	88-4540-0120
CSW-2040	95954	20" 510mmx 40T	65Mn/OKE	30/25.4	88-4551-0040
CSW-2060	95947	20" 510mmx 60T	65Mn/OKE	30/25.4	88-4551-0060
CSW-2080	95948	20" 510mmx 80T	65Mn/OKE	30/25.4	88-4551-0080
CSW-2012	95966	20" 510mmx120T	65Mn/OKE	30/25.4	88-4551-0120

Circle Saw Blade TCT

For Wood

Model	Code	Size	Material	Bore(mm)	Speed	kerf	Weight	Q'ty/Ctn
AKB-0724	95959	7"x24T (Rip Blade)	65Mn	25.4/20	9500rpm	2.4mm	340g	50pcs
AKB-0824	95960	8"x24T (Rip Blade)	65Mn	25.4/20	8500rpm	2.4mm	420g	50pcs
AKB-0924	95965	9"x24T (Rip Blade)	65Mn	30/25.4	8000rpm	2.8mm	640g	25pcs
AKB-1024	95961	10"x24T (Rip Blade)	65Mn	30/25.4	7500rpm	3mm	840g	25pcs
AKB-1224	95962	12"x24T (Rip Blade)	65Mn	30/25.4	6500rpm	3.2mm	1360g	10pcs
AKB-1436	95963	14"x36T (Rip Blade)	65Mn	30/25.4	5500rpm	3.4mm	1900g	10pcs
AKB-1636	95964	16"x36T (Rip Blade)	65Mn	30/25.4	4500rpm	3.6mm	2950g	5pcs
AKB-2044	95967	20"x44T (Rip Blade)	65Mn	30/25.4	2500rpm	4 mm		
AKB-2444	95968	24"x44T (Rip Blade)	65Mn	30/25.4	1200rpm	4.4mm	7900g	5pcs

Circle Saw Blade



Multi Cutter TCT

For Wood Metal Acrylic Plastic

Model	Code	Size	Material	Bore(mm)	Bar Code
DWW045	62625	4"x30Tx1.2mm	65Mn/YG6	20/16	88-3045-4



Circle Saw Blade TCT

For Aluminium

Model	Code	Size	Material	Bore(mm)	Bar Code
CSA-1010	95971	10"x100T	65Mn/OKE	25.4/20	88-7731-1010
CSA-1012	95972	10" x120T	65Mn/OKE	25.4/20	88-7731-1012



Metal Slitting Saw Blade

Model	Code	Size	Material	Bore(mm)	Bar Code
MS-0810	97455	80x1.0x128T	SKH51	25.4/22	88-1316-0810
MS-1006	97456	100x0.6x128T	SKH51	25.4/22	88-1316-1006
MS-1008	97457	100x0.8x128T	SKH51	25.4/22	88-1316-1008
MS-1010	97458	100x1.0x128T	SKH51	25.4/22	88-1316-1010
MS-1016	97459	100x1.6x128T	SKH51	25.4/22	88-1316-1016
MS-1020	97460	100x2.0x128T	SKH51	25.4/22	88-1316-1020



Saw Tips TCT

For Wood

Model	Code	Size	Material	Q'ty/kg
STW-036	111515	10.5x3.0x3.6mm	YF5	654±3pcs
STW-038	111516	10.5x3.0x3.8mm	YF5	620±3pcs
STW-040	95970	10.5x3.0x4.0mm	YF5	595±3pcs
STW-045	95969	10.5x3.0x4.5mm	YF5	532±3pcs



Diamond Wheel

Diamond Wheel

Features: Multi-application saw blade -Fast Cutting&longer life

Application: Granite/Marble/Brick/Masonry/Concrete/Tiles.

Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Max. Speed	Materil
DWD-1112S	94040	4½"/114	20/16	1.8	13600rpm	65Mn

Diamond Wheel Dry

Special for Granite, Tile, Marble, Porcelain.

Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Max. Speed	Materil
DWD-825	95886	8"/200	25.4/22.23	2.6	7600rpm	65Mn



Diamond Wheel

Features: Multi-application saw blade -Fast Cutting&longer life

Application: Wall cutting blade /BRICK/Concrete/Granite/Marble

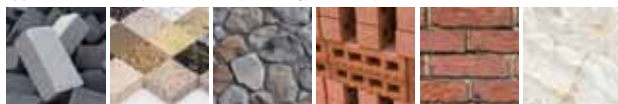


Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Max. Speed	Materil
DWD-1114TS	94041	4½"/114	20/16	1.8	13600rpm	65Mn

Diamond Wheel

Features: Multi-application saw blade -Fast Cutting

Application: Granite/Marble/Brick/Masonry/Concrete/Tiles



Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Max. Speed	Materil
DWW-048E	94042	4½"/114	20/16	1.8	13600rpm	65Mn
DWW-420	95885	4½"/114	20/16	1.8	13600rpm	65Mn
DWW-728	114575	7"/180	25.4/22.23	2.2	8600rpm	65Mn
DWW-825	95888	8"/200	25.4/22.23	2.4	7600rpm	65Mn

Diamond Wheel

Features: Hot pressed blade with super thin turbo -Fast cutting-smooth-excellect performance

Application: Granite, Tile, Marble, Porcelain.

Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Max. Speed	Materil
DWTT-101S	94043	4"/105	20/16	1.4	13600rpm	65Mn
DWTT-105G	94044	4"/105	20/16	1.4	13600rpm	65Mn
DWTT-110	95910	4"/110	20/16	1.4	13600rpm	65Mn
DWTT-180	94045	7"/180	25.4/22.23	1.6	7600rpm	65Mn
DWTT-200	94046	8"/200	25.4/22.23	1.6	7600rpm	65Mn



Diamond Wheel

Diamond Turbo Cup Wheel

Features: Grinding -fast -smooth

Application: Concrete/Granite/all kinds of stone;building material



Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Max. Speed	Material
DTCW-101	94047	3"/80	20/16	2.6mm	11000rpm	65Mn
DTCW-102	94048	4"/100	20/16	3.4mm	11000rpm	65Mn
DTCW-201	94049	3"/80	20/16	2.6mm	11000rpm	65Mn
DTCW-202	94050	4"/100	20/16	2.7mm	11000rpm	65Mn



Diamond Wheel

Features: Multi-application saw blade -Fast Cutting&longer life

Application: Granite/Marble/Brick/Masonry/Concrete/Tiles



Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Max. Speed	Material
DWE-048H	94994	4½"/114	20/16	1.2mm	13600rpm	65Mn



Diamond Wheel Dry

Features: Multi-application saw blade -Sharp & Last Long

Application: For Granite/Tile/Marble/Porcelain



Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Max. Speed	Material
GIANT-88	101201	4"/105	20/16	1.8mm	14500rpm	65Mn



Diamond Wheel Dry

Features: Multi-application saw blade -Fast Cutting&longer life

Application: For Granite/Tile/Marble/Porcelain



Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Max. Speed	Material
ECO-898	97836	4"/105	20/16	1.8mm	13600rpm	65Mn



Diamond Wheel Thin Turbo

Features: Multi-application saw blade -Fast Cutting&longer life

Application: For Granite/Tile/Marble/Porcelain



Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Max. Speed	Material
DWTT-105S	98229	4"/105	20/16	1.3mm	13600rpm	65Mn



Diamond Wheel

Features: Multi-application saw blade -Sharp & Last Long

Application: For Granite,Tile,Marble & Porcelain.

Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Knife (mm)	Max. Speed	Material	Q'ty/Ctn	Weight
DWW-1025	97837	10"/250	25.4/22.23	1.6mm	2.8X10mm	6115rpm	65Mn	20pcs	747g
DWW-1225	97838	12"/300	25.4/22.23	2mm	3.0X12mm	5095rpm	65Mn	10pcs	1197g



Diamond Cutting Blade

Features: Multi-application saw blade -Sharp & Last Long, Premium Super Quality

Application: For Asphalt & Concrete.



Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Teeth	Knife (mm)	Max. Speed	Material	Q'ty/Ctn	Weight
DCB-1425	97841	14"/350	50/27;50/25.4	2.2mm	24T	40x3.2x12	4365rpm	30CrMo	10pcs	1755g
DCB-1625	97842	16"/400	50/27;50/25.4	2.6mm	28T	40x3.6x12	3820rpm	30CrMo	10pcs	2686g
DCB-1825	97843	18"/450	50/27;50/25.4	2.8mm	32T	40x3.8x12	3395rpm	30CrMo	5pcs	3558g



Diamond Wheel Dry

Features: Multi-application saw blade -Sharp & Last Long

Application: For Stone & Concrete



Model	Code	Diameter (inch/mm)	Bore (mm)	Teeth	Thickness (mm)	Knife (mm)	Max. Speed	Material	Q'ty/ Carton	Weight
DWD-1025	97839	10"/250	25.4/22.23	18T	1.8mm	2.8x10	6115rpm	65Mn	20pcs	850g
DWD-1225	97840	12"/300	25.4/22.23	21T	2.0mm	3.0x12	5095rpm	65Mn	10pcs	1250g



Diamond Wheel Thin Turbo

Features: Multi-application saw blade -Sharp & Last Long

Application: For Granite, Marble, Cobblestone.



Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Knife (mm)	Max. Speed	Material	Q'ty/ Carton	Weight
DWTT-180P	105365	7"/180	25.4/22.23	1.2mm	1.7x10	8700rpm	65Mn	50pcs	238g
DWTT-200P	105413	8"/200	25.4/22.23	1.3mm	1.7x10	7640rpm	65Mn	50pcs	310g
DWTT-230P	105414	9"/230	25.4/22.23	1.4mm	1.9x10	6790rpm	65Mn	25pcs	398g



Diamond Blade

Features: Grinding -fast -smooth

Application: Concrete/Granite/all kinds of stone;building material

Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Material
DTCW-105	60003285	4"/105	20/16	1.8	65Mn
DTCW-114	60003286	4½"/114	20/16	1.8	65Mn
DTCW-180	60003287	7"/180	25.4/22.23	2.4	65Mn
DTCW-230	60003288	9"/230	25.4/22.23	2.8	65Mn



Diamond Tile Rim Blade

Features: polishing

Application: Granite/Marble

Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Material
DWW-777	94051	4"/105	20/16	1.4	65Mn



Diamond Cup Wheel

Features: Multi-application

Application: Marble/Masonry/Concrete/Stone

Model	Code	Diameter	Bore (mm)	Matrix Thickness	Knife mm	Teenth	Max. Speed	Q'ty/Box
DWC-80	108488	80mm	16	2mm	23x6x6	8	13600rpm	50pcs
DWC-100	108489	100mm	20/16	2mm	28x8x6	8	13600rpm	50pcs



Diamond Flexible Pad

Features: polishing

Application: Granite/Marble

Model	Code	Diameter (inch/mm)	Bore (mm)	Thickness (mm)	Grits
DFP-030	94106	4"/100	16	5	30#
DFP-050	94107	4"/100	16	5	50#
DFP-100	94108	4"/100	16	5	100#
DFP-150	94109	4"/100	16	5	150#
DFP-200	94110	4"/100	16	5	200#
DFP-400	94111	4"/100	16	5	400#
DFP-500	94112	4"/100	16	5	500#
DFP-800	94113	4"/100	16	5	800#
DFP-1000	94114	4"/100	16	5	1000#
DFP-1500	94115	4"/100	16	5	1500#
DFP-2000	94116	4"/100	16	5	2000#
DFP-3000	94117	4"/100	16	5	3000#



Floor Cleaning Pad

Model	Code	Size	Hole Size	Color	Suit for Washer	Weight	Q'ty/Box	Q'ty/Ctn
C-101B-W	106904	13"	80mm	White	SL-013	75g	/	5pcs
C-101B-R	106905	13"	80mm	Red	SL-013	95g	/	5pcs
C-101B-R	106906	17"	80mm	Red	SL-017	175g	/	5pcs
C-101B-W	106907	17"	80mm	White	SL-017	160g	/	5pcs
C-101B-R	106908	18"	80mm	Red	SL-018	200g	/	5pcs
C-101B-W	106909	18"	80mm	White	SL-018	220g	/	5pcs
C-101D-R	106910	20"	80mm	Red	SL-020	280g	/	5pcs
C-101D-W	106911	20"	80mm	White	SL-020	240g	/	5pcs

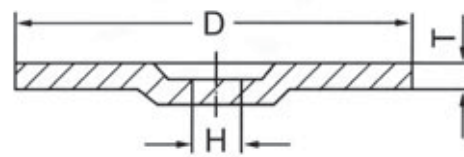


Resin Type Wheel

GENERAL USING PRINCIPLE

Workpiece	Carbon Steel	Carbon Steel (50mm-75mm)	Stainless Steel	Copper	Brass	Bricks	Masonry
Best choice	Carbon Steel	Carbon Steel (50mm-75mm)	Stainless Steel	Copper	Brass	Bricks	Masonry
General Abrasive Wheels	A24-36Q	A24-36P A24-36m	A WA24-36P	C30N	A24R	C30P	C24-30Q
Thin Cut-off Wheels	A46-90R	A46-90Q	A46-90P	C46-90N	A46-90R	C46-90R	C46-90R
Flexible Grinding Wheels	A/C46-120		WA46-120				WA46-120

Type 27 Depressed Center Grinding Wheels



Type 27

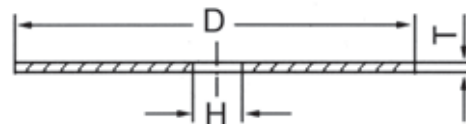
DC GRINDING WHEEL

Long-life grinding wheel with high abrasion effect. Suitable for high-and low-alloyed steels, cast iron as well as welding seam grinding and flame cut edge grinding.

Model	Dimension DxTxH(mm)	Code	Speed (m/s)	Speed (RPM)	Type
A24R86492	100x6x16	86492	80	15200RPM	T27
A24R88162	125x6x22	88162	80	12200RPM	T27
A24R88163	150x6x22	88163	80	10200RPM	T27
A24R88164	180x6x22	88164	80	8600RPM	T27



Type 41 Cutting Wheel



Type 41

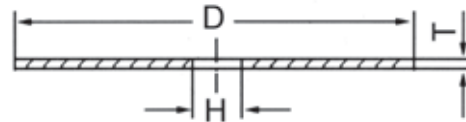
SUPER THIN CUTTING WHEEL

High performance cut-off wheel. Optimised tool life for all steels, stainless steels and castiron. for various cross sections, highest cutting rate, low fatigue operation for the user.Suitable also for high frequency machines

Model	Dimension DxTxH(mm)	Code	Speed (m/s)	Speed (RPM)	Type
A60T86490	105x1.2x16	86490	80	15200RPM	T41
A60T10516	105x1.6x16		80	15200RPM	T41
A60T10525	105x2.5x16		80	15200RPM	T41
A60T11510	115x1.0x22.2		80	13300RPM	T41
A60T11516	115x1.6x22.2		80	13300RPM	T41
A60T11525	115x2.5x22.2		80	13300RPM	T41
A60T12510	125x1.0x22.2		80	12200RPM	T41
A60T12516	125x1.6x22.2		80	12200RPM	T41
A60T12525	125x2.5x22.2		80	12200RPM	T41
A60T15016	150x1.6x22.2		80	10200RPM	T41
A60T15025	150x2.5x22.2		80	10200RPM	T41
A60T15030	150x3.0x22.2		80	10200RPM	T41



Resin Type Wheel

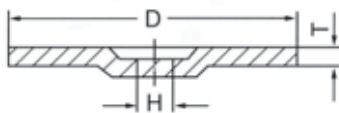


Type 41

Flat Cutting Wheel

High performance cut-off wheel. Optimised tool life for all steels, stainless steels and castiron. for various cross sections, highest cutting rate, low fatigue operation for the user. Suitable also for high frequency machines

Model	Dimension DxTxH(mm)	Code	Speed (m/s)	Speed (RPM)	Type
A30R86491	355x3x25.4	86491	80	4400RPM	T41
A30R88165	405x3x25.4	88165	80	3800RPM	T41



Type 27

Flexible Depressed Center Grinding Wheel

MATERIAL & APPLICATION:

AC: suitable for general metal edges of the grinding burrs and weld.
WA: apply to ordinary stainless steel ball, tube, rod and weld grinding.
C/CC: Suitable for glass, stone, metal and soft metal polish.

Note Points:

This series is suitable for portable, stationary and portable grinding machine grinding machine.

Correct specification control 15-30 grinding method.

Standard wheel installed correctly, the idle 1-2min before use.

With the grinding wheel and cutting operation is strictly prohibited.

please read before use' instructions

Prohibited the use of range overload.

Model	Dimension DxTxH(mm)	Code	Speed (m/s)	Speed (RPM)	Type
WA80	100x3x16	88170	80	15200RPM	T27
AC60	100x3x16	88169	80	15200RPM	T27
GC60	100x3x16	88166	80	15200RPM	T27
GC80	100x3x16	88167	80	15200RPM	T27
GC120	100x3x16	88168	80	15200RPM	T27

Grinding Wheel for soybean



Model	BGT-205	BGT-250
Code	87121	106333
Drive Wheel Size	205x25.4x25.4mm	250x25.4x25.4mm
Driven Wheel Size	205x25.4x79mm	250x25.4x79mm
Material	A16+A24	A16+A24
N.W./G.W.	16/17kgs	19/20kgs
Q'ty/Box	1 Set	1Set
Q'ty/Ctn	5 sets	4Sets
Meas.	43x23x23cm	27x27x27cm

Grinding Wheel



GRINDING WHEEL

Green silicon carbide

It is suitable for the grinding of cutting tools and workpieces of hard alloy and non-ferrous metal and non-metal materials, etc.

It is in high hardness and brittle.

Its grain edges are sharp and it is of excellent capacity of heat-transmission.

Material: GC

Model	Code	Dimension DxTxH (inch)	Reducing Sleeve Size (Inch)	Max. Speed
GC80L	46749	5"x 5/8"x 1/2"	-	5350rpm
GC100L	85198	5"x5/8"x1/2"	-	5350rpm
GC120L	85199	5"x5/8"x1/2"	-	5350rpm
GC100L	46756	6"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
GC80L	46751	6"x 3/4"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
GC100L	46752	6"x 3/4"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
GC120L	46757	6"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
GC80L	46754	6"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
GC80L	46755	6"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
GC60L	46750	6"x3/4"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
GC120L	46753	6"x3/4"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
GC80L	46759	8"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	3340rpm
GC80	71503	8"x3/4"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	3340rpm
GC60	46758	8"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	3340rpm
GC100	46760	8"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	3340rpm
GC120	46761	8"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	3340rpm
GC100	71504	8"x3/4"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	3340rpm
GC80	46762	10"x 1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	2675rpm
GC100	46763	10"x 1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	2675rpm

GRINDING WHEEL

Brown fused alumina

High hardness and toughness

It is suitable for grinding medium and high tensile strength metal such as ordinary carbon Steel, alloy, malleable cast iron, hard bronze, etc.

Material: A

Model	Code	Dimension DxTxH (mm)	Reducing Sleeve Size (Inch)	Max. Speed
A80NV1D	70079	125x 6x12.7	-	5350rpm
A80NV1D	70080	150x 6x12.7	-	4460rpm

Material: A

Model	Code	Dimension DxTxH (mm)	Reducing Sleeve Size (Inch)	Speed
A46	71505	355X38X127	-	1900rpm

Material: A

Model	Code	Dimension DxTxH (inch)	Reducing Sleeve Size (Inch)	Speed
A46Q	46729	5"x 5/8"x 1/2"	-	5350rpm
A60Q	46730	5"x 5/8"x 1/2"	-	5350rpm
A46Q	46731	6"x 3/4"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
A60Q	46732	6"x 3/4"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
A60Q	69489	6"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
A46Q	69488	6"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	4460rpm
A46Q	69490	8"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	3340rpm
A60Q	69491	8"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	3340rpm
A46Q	46735	8"x3/4"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	3340rpm
A60Q	46736	8"x3/4"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	3340rpm
A46Q	46739	10"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	2675rpm
A60Q	46746	10"x1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	2675rpm
A46Q	76323	10"x 1"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	2675rpm
A36K	22934	12"x1-1/2"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	2230rpm
A46K	46747	12"x1-1/2"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	2230rpm
A60Q	46748	12"x1-1/2"x1-1/4"	5/4">1", 1"->3/4", 3/4"->5/8", 5/8"->1/2"	2230rpm

Spongy Wheel



Spongy Wheel with Net

Model	Code	Dimenter (inch/mm)	Bore (mm)	Grits	Speed	Bar Code
CC 60	7179	4"/104	16	60#	4300rpm	92-3134-0060
CC 120	7025	4"/104	16	120#	4300rpm	92-3134-0120
CC 220	7026	4"/104	16	220#	4300rpm	92-3134-0220
CC 320	6784	4"/104	16	320#	4300rpm	92-3134-0320
CC400	46354	4"/104	16	400#	4300rpm	92-3134-0400
CC600	7254	4"/104	16	600#	4300rpm	92-3134-0600
CC800	22799	4"/104	16	800#	4300rpm	92-3134-0800
CC1000	7255	4"/104	16	1000#	4300rpm	92-3134-1000
CC1200	46355	4"/104	16	1200#	4300rpm	92-3134-1200
CC1500	85347	4"/104	16	1500#	4300rpm	92-3134-1500

Flap Disc



Steel



Stainless Steel



Wood

Features: polishing



Model	Code	Dimenter (inch/mm)	Bore (mm)	sandpaper Q'TY	Grits	Speed
FDE-40	95124	4"/104	16	60	A40	15300rpm 80m/s
FDE-60	95125	4"/104	16	60	A60	15300rpm 80m/s
FDE-80	95126	4"/104	16	60	A80	15300rpm 80m/s
FDE-100	95127	4"/104	16	60	A100	15300rpm 80m/s
FDE-120	95128	4"/104	16	60	A120	15300rpm 80m/s
FDE-180	95129	4"/104	16	60	A180	15300rpm 80m/s
FDE-320	95130	4"/104	16	60	A320	15300rpm 80m/s
FDE-400	95131	4"/104	16	60	A400	15300rpm 80m/s



Features: polishing

Model	Code	Dimenter (inch/mm)	Bore (mm)	sandpaper Q'TY	Grits	Speed
AA 60	94095	4"/104	16	72	A60	15300rpm 80m/s
AA 80	94096	4"/104	16	72	A80	15300rpm 80m/s
AA100	94097	4"/104	16	72	A100	15300rpm 80m/s
AA120	94098	4"/104	16	72	A120	15300rpm 80m/s

CNS Disc

Excellent for removing paint, varnish, welding point, rust, sealant and other surface contaminants.

- Waterproof, anti-corrosion
- Lower noise and less dust
- Cellular structure enables cool grinding
- Safer than steel bursh. No risk of flying metal chips
- Work efficiently than conventional grinding disc and flap disc



Model	EPG-06
Code	76405
Disc Size	100mmx16mm
Grit	60#
Max. Speed	13000rpm
Single Weight	59g
Q'ty/Ctn	100pcs
N.W./G.W.	6.5/7kgs
Meas.	54.2x22.5x23.5cm



Flap Wheel

General-purpose wheel for grinding, polishing, sanding and finishing
 Aluminum oxide mineral cuts sharp, lasts long and finishes fine
 cotton cloth backing is both durable and malleable to minimize gouging and marring.

Code	Size	Grit	Sandpaper Size	Q'ty/Sandpaper	Max. Speed	Shank Size	Q'ty/Box	Q'ty/Ctn
108800	M20x15x6	AA120	15x6.5	45pcs	38150rpm	Ø6x35mm	10pcs	500pcs
108801	M20x20x6	AA 60	20x6.5	35pcs	38150rpm	Ø6x35mm	10pcs	500pcs
108802	M20x20x6	AA 80	20x6.5	40pcs	38150rpm	Ø6x35mm	10pcs	500pcs
108803	M20x20x6	AA120	20x6.5	45pcs	38150rpm	Ø6x35mm	10pcs	500pcs
108804	M25x20x6	AA240	20x8	63pcs	30500rpm	Ø6x35mm	10pcs	500pcs
108805	M25x20x6	AA 60	20x8	45pcs	30500rpm	Ø6x35mm	10pcs	500pcs
108806	M25x20x6	AA 80	20x8	50pcs	30500rpm	Ø6x35mm	10pcs	500pcs
108807	M25x25x6	AA 80	24x8	50pcs	30500rpm	Ø6x35mm	10pcs	500pcs
108808	M25x25x6	AA 60	24x8	45pcs	30500rpm	Ø6x35mm	10pcs	500pcs
108809	M25x25x6	AA120	24x8	58pcs	30500rpm	Ø6x35mm	10pcs	500pcs
108810	M25x25x6	AA150	24x8	60pcs	30500rpm	Ø6x35mm	10pcs	500pcs
108811	M25x25x6	AA180	24x8	63pcs	30500rpm	Ø6x35mm	10pcs	500pcs
108812	M30x20x6	AA 60	20x10.1	43pcs	25400rpm	Ø6x35mm	10pcs	500pcs
108813	M30x20x6	AA 80	20x10.1	48pcs	25400rpm	Ø6x35mm	10pcs	500pcs
108814	M30x25x6	AA 80	25x10.1	48pcs	25400rpm	Ø6x35mm	10pcs	500pcs
108815	M40x15x6	AA 80	15x13.5	65pcs	19000rpm	Ø6x35mm	10pcs	500pcs
108816	M40x20x6	AA 80	20x13.5	65pcs	19000rpm	Ø6x35mm	10pcs	500pcs
108817	M40x20x6	AA 60	20x13.5	60pcs	19000rpm	Ø6x35mm	10pcs	500pcs
108818	M40x20x6	AA120	20x13.5	70pcs	19000rpm	Ø6x35mm	10pcs	500pcs
108819	M40x25x6	AA120	24x13.5	70pcs	19000rpm	Ø6x35mm	10pcs	500pcs
108820	M50x10x6	AA 60	10x16.5	72pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108821	M50x20x6	AA 60	20x16.5	72pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108822	M50x20x6	AA 80	20x16.5	80pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108823	M50x20x6	AA120	20x16.5	94pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108824	M50x25x6	AA 80	24x16.5	80pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108825	M50x25x6	AA120	24x16.5	94pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108826	M50x25x6	AA 60	24x16.5	72pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108827	M50x30x6	AA 60	30x16.5	72pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108828	M50x30x6	AA 80	30x16.5	80pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108829	M50x30x6	AA120	30x16.5	94pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108830	M50x30x6	AA240	30x16.5	115pcs	15200rpm	Ø6x35mm	10pcs	500pcs
108831	M50x30x6	AA320	30x16.5	120pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112275	M30x20x6	AA120	20x10.1	60pcs	25400rpm	Ø6x35mm	10pcs	500pcs
112276	M30x25x6	AA60	25x10.1	47pcs	25400rpm	Ø6x35mm	10pcs	500pcs
112277	M30x25x6	AA180	25x10.2	65pcs	25400rpm	Ø6x35mm	10pcs	500pcs
112278	M30x25x6	AA240	25x10.3	70pcs	25400rpm	Ø6x35mm	10pcs	500pcs
112279	M40x15x6	AA60	15x13.5	61pcs	19000rpm	Ø6x35mm	10pcs	500pcs
112280	M40x15x6	AA150	15x13.5	83pcs	19000rpm	Ø6x35mm	10pcs	500pcs
112281	M40x20x6	AA240	20x13.5	90pcs	19000rpm	Ø6x35mm	10pcs	500pcs
112282	M40x25x6	AA60	24x13.5	61pcs	19000rpm	Ø6x35mm	10pcs	500pcs
112283	M40x25x6	AA80	24x13.5	66pcs	19000rpm	Ø6x35mm	10pcs	500pcs
112284	M40x25x6	AA150	24x13.5	83pcs	19000rpm	Ø6x35mm	10pcs	500pcs
112285	M40x30x6	AA60	29x13.5	61pcs	19000rpm	Ø6x35mm	10pcs	500pcs
112286	M40x30x6	AA80	29x13.5	66pcs	19000rpm	Ø6x35mm	10pcs	500pcs
112287	M50x10x6	AA80	10x16.5	84pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112288	M50x10x6	AA120	10x16.5	97pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112289	M50x10x6	AA240	10x16.5	114pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112290	M50x10x6	AA320	10x16.5	114pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112291	M50x15x6	AA80	15x16.5	84pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112292	M50x15x6	AA120	15x16.5	97pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112293	M50x20x6	AA240	20x16.5	114pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112294	M50x20x6	AA320	20x16.5	114pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112295	M50x25x6	AA240	24x16.5	114pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112296	M50x25x6	AA320	24x16.5	114pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112297	M50x30x6	AA180	30x16.5	114pcs	15200rpm	Ø6x35mm	10pcs	500pcs
112298	M60x40x6	AA80	39x20.5	90pcs	12700rpm	Ø6x35mm	10pcs	500pcs



Abrasive Grinding Head



ATK10



ATL10

Model	Grit	Code	Type	Size	Max. Speed	Shank Dia.	Shank Length	Q'ty/Bags	Q'ty/Ctns
ATK10	AA80	84376	Conical	M10x35x6	23000rpm	6mm	35mm	100pcs	-
ATL10	AA80	84371	Cylindrical	M10x35x6	23000rpm	6mm	35mm	100pcs	-

Mini Grinder



Mini Grinder

DGM-812 Code:86494
 Bit Shank 3.2mm
 On Load Speed 12000rpm
 Transformer Input 220V AC
 Output:12V DC
 Cable Length: Approx 2 Metres.

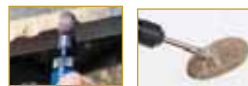


Electric Engraver

EE-101 Code:94645
 Input Power: 13W
 Power Supply:220V
 No-Load Speed:6000rpm
 Engraving Bit: TCT Steel,3mm



DC18V
0-18000/min
Ø 3.2mm



Mini Grinder

DGM-818 Code:86493
 Bit Shank 3.2mm
 On Load Speed 0-18000rpm
 Transformer Input 220V AC
 Output:12V DC



Accessory Assortment 82pcs

DGA-082 Code:86495
 2pcs grinding wheels(green)
 2pcs grinding wheels (orange)
 1pcs steel brush
 1pc Mandrel for Felt Wheel
 1pc Mandrel for Cut Off Wheel
 5pcs diamond wheel points
 4pcs sanding bands (big)
 4pcs sanding bands (small)
 2pcs mandrel for sanding bands
 36pcs cut-off wheels 1pc polishing compound
 12pcs grinding wheels 1pc dressing stone
 1pc felt tip 3pcs flet wheels(1"dia.)
 4pcs flet wheels(1/2"dia.)
 2pcs collets(3.2mm,2.4mm)



Accessory Assortment 239pcs

DGM-812 Code:86496
 4pcs Collets(2x3.2mm,1x2.3mm,1x1.6mm);
 16pcs Sanding bands(12.7x12.7mm);
 16pcs Sanding bands(6.3x12.7mm);
 2pcs Felt wheel pointed(9.5x19mm);
 1pc Felt wheels(12.7x12.7mm);
 4pcs Felt wheels (12.7x6.3mm);
 1pc Wrench;
 60pcs Sanding paper;
 1pc Rubber emery wheel(22x3.7mm);
 1pc Diamond wheel
 1pc Cloth wheel(25x4.5mm);
 6pcs Cut off wheels fiberglass (32x1.2mm);
 12pcs Grinding wheels(20x3.2mm);
 1pc Whet stone
 1pc Flap wheel(ø3.2mm);
 30pcs Cut off wheels heavy duty(24x0.8mm);
 36pcs Cut off wheels regular(24x0.4mm);
 2pcs Polishing compound
 9pcs Brushes(ø3.2mm);
 10pcs Grinding wheels with shank(ø3.2mm);
 2pcs Sanding shanks(6.3x12.7mm, 12.7x12.7mm);
 3pcs Mandrel for cut off wheels(ø3.2mm);
 2pcs Mandrel for felt wheels(ø3.2mm);
 2pcs Hss cutter(ø3.2mm);
 10pcs Diamond bits(ø3.2mm);
 6pcs Hss drill(2x1.6mm,2x2.3mm,2x3.2mm)

Accessory Assortment 300 Pcs

WS300

Code: 77573

Bar Code: 25-8120-0300

- 1Pc Felt Wheel Pointed: 3/8" x 13/16"
- 1Pc Dressing Stone 1"x3/8"
- 10Pcs Sanding Bands: 1/4" x 1/2"
- 10Pcs Sanding Bands: 3/8"x1/2"
- 10Pcs Sanding Bands: 1/2"x1/2"
- 1Pc Wrench: 3/8"
- 2Pcs Felt Wheels: 1/4"x1"
- 5Pcs Felt Wheels: 1/4"x1/2"
- 3Pcs Collets : 1/16", 3/32", 1/8"
- 6Pcs Grinding Wheels 1/8x13/16
- 6Pcs Grinding Wheels 1/8x13/16
- 2Pcs Rubber Emery Wheel 1/8"x7/8"
- 1Pc Sanding Shanks: 1/4" x 1/2"
- 1Pc Sanding Shanks: 3/8"x1/2"
- 1Pc Sanding Shanks: 1/2"x1/2"
- 3Pcs Rubber Emery Wheel With Shank
- 3Pcs Brush
- 1Pc Leather Wheel With Shank
- 1Pc Cloth Wheel With Shank
- 1Pc Flap Wheel
- 1Pc Flap Wheel
- 4Pcs Grinding Wheels With shank
- 6Pcs Grinding Wheels With shank
- 5Pcs Cut Off Wheels Fiberglass: 1/20x1-1/4
- 1Pc Mandrels For Felt Wheels
- 2Pc Mandrels For Wheel
- 6Pcs Diamond Cutters
- 2Pcs HSS Cutters
- 6Pcs HSS Twist Drills: 1/16x2, 3/32x2, 1/8x2,
- 150Pcs Sand Papers
- 6Pcs White Alundum Wheel and 3Pcs Plastic Wheel
- 37Pcs Cut Off Wheels 1/32x15/16
- 1Pc Polishing Compound



Pneumatic Grinding Pen

Pen type structural design, with small volume, high speed, low noise, large torque, low energy consumption, smooth and lighter, etc., it is easy to operate.

-It is widely used in all kinds of moulds, hardware tools, self-adhesive sandpaper, bowl sand wheel, self-adhesive wool film and so on.

-Used for Glass, stone, arts and crafts, hand ornaments etc Need to be trimmed, cut, grind, carve, trim, and need mirror polishing industries.

MODEL	WP7820
Code	111615
Disc Size	30mm
Speed	23500rpm
Length	135mm
Dia.	17mm
Single Weight	150g
Pressure	0.4-0.6MPa
Dia. of Inlet Hose	5mm
Flow	120-160L/min
Single Weight (Pen only)	150g



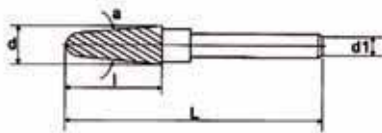
6pcs HSS Round Saw Blades

Material:HSS6542

Model	BU-06		
Code	107239		
Round Saw Blades 6pcs (Dia. x Hole Size x Teeth)	7/8"	6.35mm	36t
	1"	6.35mm	36t
	1-1/4"	6.35mm	36t
	1-1/2"	6.35mm	36t
	1-2/4"	6.35mm	72t
Shank	3.175mm 1pc		
Q'ty/Box	25sets		
Q'ty/Ctn	250sets		
Weight	54g		
Meas.	65x40x26cm		



Rotary Burs Cylinder



Type Specification
RB-A0613-3

Example

RB- A 06 13- 3

Type d l d1

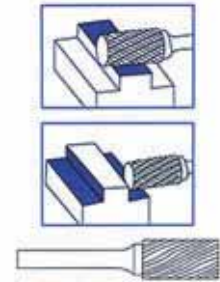
Tooth

M

Standard Tooth

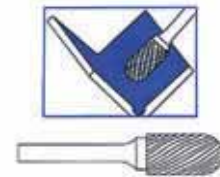
Cylinder (Type A)

Tooth Form	Model	Code	Size d mm	Size l mm	Size d1 mm	Size L mm
M	RB-A0313-3	15944	3	13	3	50
M	RB-A0412-3		4	12	3	45
M	RB-A0512-3		5	12	3	45
M	RB-A0613-3	15945	6	13	3	45
M	RB-A0616-6	15946	6	16	6	56
M	RB-A0820-6	5424	8	20	6	60
M	RB-A1020-6	5425	10	20	6	60
M	RB-A1225-6	5426	12	25	6	65
M	RB-A1425-6		14	25	6	65
M	RB-A1625-6	15948	16	25	6	65
M	RB-A0804-6		8	4	6	44
M	RB-A1005-6		10	5	6	45
M	RB-A1205-6		12	5	6	45
M	RB-A1606-6		16	6	6	46



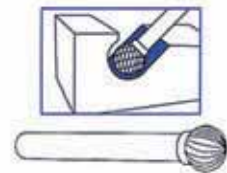
Cylinder with Round Head (Type C)

Tooth Form	Model	Code	Size d mm	Size l mm	Size d1 mm	Size L mm
M	RB-C0313-3	14934	3	13	3	50
M	RB-C0412-3		4	12	3	45
M	RB-C0512-3		5	12	3	45
M	RB-C0613-3	15949	6	13	3	45
M	RB-C0616-6	33636	6	16	6	56
M	RB-C0820-6	66962	8	20	6	60
M	RB-C1020-6	15950	10	20	6	60
M	RB-C1225-6	15384	12	25	6	65
M	RB-C1425-6		14	25	6	65
M	RB-C1625-6	15951	16	25	6	65



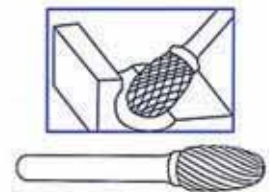
Ball (Type D)

Tooth Form	Model	Code	Size d mm	Size l mm	Size d1 mm	Size L mm
M	RB-D0303-3	15952	3	3	3	50
M	RB-D0403-4		4	3.6	4	50
M	RB-D0404-3		4	4	3	45
M	RB-D0505-3		5	5	3	45
M	RB-D1210-6	15954	6	5	6	45
M	RB-D0605-6	15953	6	6	3	45
M	RB-D0606-3	66964	8	7	6	47
M	RB-D0807-6	33637	10	9	6	49
M	RB-D1009-6	15955	12	10	6	50
M	RB-D1413-6		14	13	6	53
M	RB-D1614-6	15956	16	14	6	54



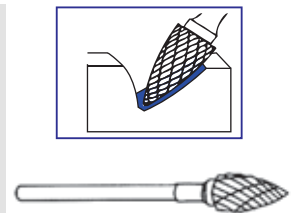
Oval (Type E)

Tooth Form	Model	Code	Size d mm	Size l mm	Size d1 mm	Size L mm
M	RB-E0407-3	6630	4	7	3	45
M	RB-E0508-3		5	8	3	45
M	RB-E0610-3	15958	6	10	3	45
M	RB-E0610-6	7183	6	10	6	50
M	RB-E0813-6	15959	8	13	6	53
M	RB-E1016-6	15960	10	16	6	56
M	RB-E1220-6	15961	12	20	6	60
M	RB-E1422-6		14	22	6	62
M	RB-E1625-6	6960	16	25	6	65



Arc With Pointed Top (Type G)

Tooth Form	Model	Code	Size d mm	Size l mm	Size d1 mm	Size L mm
M	RB-G0412-3	15962	4	12	3	45
M	RB-G0512-3		5	12	3	45
M	RB-G0613-3	15963	6	13	3	45
M	RB-G0616-6	7182	6	16	6	56
M	RB-G0817-6	15964	8	17	6	57
M	RB-G1020-6	6961	10	20	6	60
M	RB-G1225-6	15965	12	25	6	65
M	RB-G1625-6	15966	16	25	6	65



Torch (Type H)

Tooth Form	Model	Code	Size d mm	Size l mm	Size d1 mm	Size L mm
M	RB-H0413-3	15967	4	13	3	45
M	RB-H0513-3	15968	5	13	3	45
M	RB-H0613-3		6	13	3	45
M	RB-H0618-6	15969	6	18	6	58
M	RB-H0820-6	15970	8	20	6	60
M	RB-H1025-6	15957	10	25	6	65
M	RB-H1232-6	5427	12	32	6	72
M	RB-H1636-6	5428	16	36	6	76



Cone With Round Head (Type L)

Tooth Form	Model	Code	Size d mm	Size l mm	Size d1 mm	Size L mm
M	RB-L0313-3	5429	3	13	3	50
M	RB-L0412-3		4	12	3	45
M	RB-L0512-3		5	12	3	45
M	RB-L0613-3	5430	6	13	3	45
M	RB-L0616-6	5431	6	16	6	56
M	RB-L0822-6	33638	8	22	6	62
M	RB-L1025-6	5432	10	25	6	65
M	RB-L1228-6	6959	12	28	6	68
M	RB-L1632-6	66963	16	32	6	72



Cone With Pointed Head

Tooth Form	Model	Code	Size d mm	Size l mm	Size d1 mm	Size L mm
M	RB-M0412-3	65369	4	12	3	45
M	RB-M0512-3		5	12	3	45
M	RB-M0613-3	45035	6	13	3	45
M	RB-M0618-6	5501	6	18	6	58
M	RB-M0817-6	5500	8	17	6	57
M	RB-M1020-6	5502	10	20	6	60
M	RB-M1225-6	5503	12	25	6	65
M	RB-M1625-6	5504	16	25	6	65



Arc With Round Head (Type F)

Tooth Form	Model	Code	Size d mm	Size l mm	Size d1 mm	Size L mm
M	RB-F0313-3	74015	3	13	3	50
M	RB-F0512-3		5	12	3	45
M	RB-F0613-3	74016	6	13	3	45
M	RB-F0616-6	74017	6	16	6	56
M	RB-F0818-6	74018	8	18	6	58
M	RB-F1020-6	74019	10	20	6	60
M	RB-F1225-6	74020	12	25	6	65
M	RB-F1625-6	74021	16	25	6	65



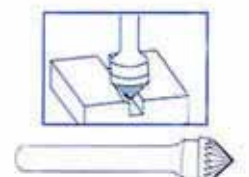
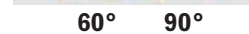
60°Taper (Type J)

Tooth Form	Model	Size(mm)				a
		d	l	d1	L	
M	RB-J0605-6	6	5.2	6	50	60°
M	RB-J0807-6	8	7	6	52	60°
M	RB-J1008-6	10	8.7	6	53	60°
M	RB-J1210-6	12	10.4	6	65	60°
M	RB-J1613-6	16	13.8	6	66	60°



90°Taper (Type K)

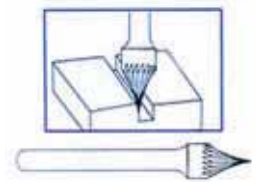
Tooth Form	Model	Size(mm)				a
		d	l	d1	L	
M	RB-K0603-6	6	3	6	50	90°
M	RB-K0804-6	8	4	6	50	90°
M	RB-K1005-6	10	5	6	50	90°
M	RB-K1206-6	12	6	6	51	90°
M	RB-K1208-6	16	8	6	53	90°



60° 90°

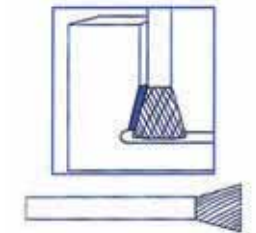
Taper Arc (Type X)

Tooth Form	Order No.	Size(mm)			
		d	l	d1	L
M	X0607M06	6	7	6	47
M	X0810M06	8	10	6	50
M	X1012M06	10	12	6	52
M	X1215M06	12	15	6	55
M	X1618M06	16	18	6	60



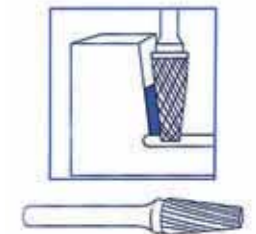
Inverted Cone (Type N)

Tooth Form	Order No.	Size(mm)				a
		d	l	d1	L	
M	N4	4	6	3	42	-
M	N5	5	7	3	43	-
M	N6	6	7	3	43	-
M	N1213M06	12	13	6	53	20°
M	N1616M06	16	16	6	56	20°
M	N1005M06	10	5	6	45	18°
M	N1205M06	12	5	6	45	22°
M	N1606M06	16	6	6	46	22°



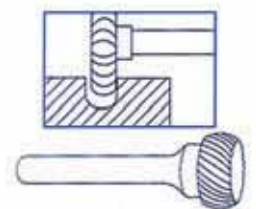
Taper With Flat Head (Type S)

Tooth Form	Order No.	Size(mm)				a
		d	l	d1	L	
M	S0310M03	3	10	3	50	8°
M	S0413M04	4	13	4	50	8°
M	S0614M06	6	14	6	54	8°
M	S0817M06	8	17	6	57	12°
M	S1020M06	10	20	6	60	12°
M	S1220M06	12	20	6	60	16°
M	S1428M06	14	28	6	68	16°
M	S0804M06	8	4	6	44	16°
M	S1005M06	10	5	6	45	22°
M	S1205M06	12	5	6	45	22°
M	S1606M06	16	6	6	46	22°



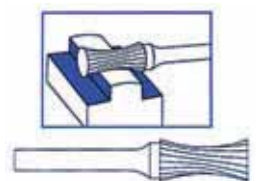
Semi-Circle (Type T)

Tooth Form	Order No.	Size(mm)			
		d	l	d1	L
M	T0804M06	8	4	3	44
M	T1005M06	10	5	4	45
M	T1205M06	12	5	6	45
M	T1606M06	16	6	6	46
M	T1.5	12	1.5	3	45
M	T2	12	2	3	45
M	T3	12	3	3	45



Recessed Arc (Type U)

Tooth Form	Order No.	Size(mm)			
		d	l	d1	L
M	U0610M06	6	10	6	50
M	U0815M06	8	15	6	55
M	U1020M06	10	20	6	60
M	U1225M06	12	25	6	65
M	U1625M06	16	25	6	65



Cylinder Semi-Circle (Type W)

Tooth Form	Order No.	Size(mm)			
		d	l	d1	L
M	W0614M06	6	14	6	54
M	W0818M06	8	18	6	58
M	W1018M06	10	18	6	58
M	W1222M06	12	22	6	62
M	W1422M06	14	22	6	62
M	W1622M06	16	22	6	62



Model	Size(mm)			
	d	l	d1	L
A41	1.5	6	3	38
A41L	2	12	3	38
A42	2.5	14	3	38
A43	3	16	3	38



Model	Size(mm)			
	d	l	d1	L
C41L1	1.5	6	3	38
C41L2	2	12	3	38
C41	2.5	14	3	38
C42	3	16	3	38



Model	Size(mm)			
	d	l	d1	L
D41L1	1.5	1.3	3	38
D41L2	2	1.8	3	38
D41L3	2.5	2.3	3	38
D42	3	3	3	38



Model	Size(mm)			
	d	l	d1	L
E41	3	5.5	3	38



Model	Size(mm)			
	d	l	d1	L
F42	3	12	3	38
F43	3	16	3	38



Model	Size(mm)			
	d	l	d1	L
G41	3	6	3	38
G42	3	12	3	38
G43	3	16	3	38



Model	Size(mm)			
	d	l	d1	L
G44	3	16	3	38



Model	Size(mm)			
	d	l	d1	L
H41	3	6.3	3	38



Model	Size(mm)			
	d	l	d1	L
L41	3	10	3	38
L42	3	12	3	38
L43	3	16	3	38



Model	Size(mm)			
	d	l	d1	L
M41	3	9	3	38
M42	3	12	3	38
M43	3	16	3	38



Model	Size(mm)			
	d	l	d1	L
N42	3	4	3	38



ROTARY BURS CYLINDER LONG

Rotary Burr Long Type A

Type	Code	Dia.	Length
RBL-A0613-3	82012	3mm	100mm
RBL-A0616-6	82013	6mm	100mm
RBL-A0820-6	82014	6mm	100mm



Rotary Burr Long Type C

Type	Code	Dia.	Length
RBL-C0613-3	82015	3mm	100mm
RBL-C0616-6	82016	6mm	100mm
RBL-C0820-6	82017	6mm	100mm



Rotary Burr Long Type D

Type	Code	Dia.	Length
RBL-D0605-3	82018	3mm	100mm
RBL-D0605-6	82019	3mm	100mm
RBL-D0807-6	82020	6mm	100mm



Rotary Burr Long Type E

Type	Code	Dia.	Length
RBL-E0610-3	82021	3mm	100mm
RBL-E0610-6	82022	6mm	100mm
RBL-E0813-6	82023	6mm	100mm



Rotary Burr Long Type F

Type	Code	Dia.	Length
RBL-F0613-3	82024	3mm	100mm
RBL-F0616-6	82025	6mm	100mm
RBL-F0820-6	82026	6mm	100mm



Rotary Burr Long Type G

Type	Code	Dia.	Length
RBL-G0613-3	82027	3mm	100mm
RBL-G0616-6	82028	6mm	100mm
RBL-G0817-6	82029	6mm	100mm



Rotary Burr Long Type H

Type	Code	Dia.	Length
RBL-H0513-3	82030	3mm	100mm
RBL-H0618-6	82031	6mm	100mm
RBL-H0820-6	82032	6mm	100mm



Rotary Burr Long Type L

Type	Code	Dia.	Length
RBL-L0613-3	82033	3mm	100mm
RBL-L0616-6	82034	6mm	100mm
RBL-L0822-6	82035	6mm	100mm



Rotary Burr Long Type M

Type	Code	Dia.	Length
RBL-M0613-3	82036	3mm	100mm
RBL-M0618-6	82037	6mm	100mm
RBL-M0817-6	82038	6mm	100mm



Rotary Bit TCT 10pcs



Including

Code	Type	Length	Shank Dia
15944	RB-A0313-3	50mm	3mm
15945	RB-A0613-3	45mm	3mm
15949	RB-C0613-3	45mm	3mm
15953	RB-D0606-3	45mm	3mm
15958	RB-E0610-3	45mm	3mm
74016	RB-F0613-3	45mm	3mm
15963	RB-G0613-3	45mm	3mm
15968	RB-H0513-3	45mm	3mm
5430	RB-L0613-3	45mm	3mm
45035	RB-M0613-3	45mm	3mm

Model	BRT10-03
Code	113063
Size	10pcs(3mm)
Packing	Plastic Box
Single Weight	72g
Q'ty/Ctn	100sets
Meas.	46x30x33.5cm

Rotary Bit TCT 10pcs



Including

Code	Type	Length	Shank Dia
15946	RB-A0616-6	56mm	6mm
5424	RB-A0820-6	60mm	6mm
33636	RB-C0616-6	56mm	6mm
15954	RB-D0605-6	45mm	6mm
7183	RB-E0610-6	50mm	6mm
74017	RB-F0616-6	56mm	6mm
7182	RB-G0616-6	56mm	6mm
15969	RB-H0618-6	58mm	6mm
5431	RB-L0616-6	56mm	6mm
5501	RB-M0618-6	58mm	6mm

Model	BRT10-06
Code	113064
Size	10pcs(6mm)
Packing	Plastic Box
Single Weight	179g
Q'ty/Ctn	50sets
Meas.	46x30x33.5cm

Diamond Mounted Kit Set 30 PCS



Model	DMKS-30
Code	98466
Size	5pcs Cylinder: 3x10x1;3x10x1.5;3x10x2;3x10x2.5;3x10x3mm 5pcs Round Cylinder: 3x10x1;3x10x1.5;3x10x2;3x10x2.5;3x10x3mm 4pcs Long Wheat Grain Shape: 3x1;3x3;3x2;3x2.5mm 5pcs Ball:3x1;3x1.5;3x2;3x2.5;3x3mm 4pcs Thin needle shape:3x1;3x3;3x1.5;3x2mm 1pc Short Wheat Grain Shape:3x2.5mm 2pcs Flat needle Shape:3x2mm;3x3mm 1pc Short Wheat Grain Shape:3x3mm 1pc Thick needle shape:3x3mm 1pc Reverse trapezoid:3x3mm 1pc Oval:3x3mm
Q'ty/Ctn	75sets
Meas.	40x26x30cm

Rotary Rasp Set

Use for Cutting Shaping or Forming on Wood & Plastic
Coarse Teeth

Model	RRS-05
Code	107871
Material	45# Steel
Including(5pcs)	13mm Ball
	13x29mm Cylinder
	13x28mm Oval
	22mm Taper
	30mm Cone
Shank	6.35mm,
Max Speed	10000rpm
Weight	125g/Set
Q'ty/Box	20sets
Q'ty/Ctn	80Sets



4pcs Countersink with The Handle



Code	Model	Shank	Bar Code
95903	BC-04	Φ1/4"	81-2974-7004

Contains:Handle 1 PC Countersink:12,16,19MM

4pcs Rotary Rasp Set



Code	Model	Shank	Bar Code
95902	BU-04	Φ1/4"	81-2964-6004

Cone:12.5mm Cone:12.5mm Flat:12.7mm Round:12.7mm

T-Spanner



T Spanner
Material:45#

Code	Model	Dia.	Bar Code
67599	STT-31	M3-M8	87-3220-31
67598	STT-32	M6-12	87-3220-32



Ratchet Spanner
Material:45#

Code	Model	Dia.	Length
95908	STR-13	M3-M8	85mm
95909	STR-15	M5-12	110mm



Handy Reamer
Material:45#

Code	Model	Dia.	Length
95904	HR-13	Φ3-13mm	124mm
95905	HT-16	Φ5-16mm	140mm
95906	HR-19	Φ7-19mm	155mm
95907	HR-21	Φ7-21mm	155mm

Diamond File



DFS-140

Code:98472
Including
DF-01
DF-02
DF-03
DF-04
DF-05



DFL-180

Code:100804
Including
DFL-01
DFL-02
DFL-03
DFL-04
DFL-05

Model	Code	Type	Size(a*b)	Handle Dia.	Working Length	Length	Bar Code
DF-01	98470	Flat	5.4x1.2mm	3mm	50mm	140mm	68-9701-01
DF-02	98467	Half round	5.2x1.7mm	3mm	50mm	140mm	68-9701-02
DF-03	98468	Round	2.9mm	3mm	50mm	140mm	68-9701-03
DF-04	98471	Square	2.6x3.4mm	3mm	50mm	140mm	68-9701-04
DF-05	98469	Triangle	3.6mm	3mm	50mm	140mm	68-9701-05
DFL-01	100803	Flat	9.2x2.0mm	5mm	80mm	180mm	68-9702-01
DFL-02	100800	Half round	8.5x2.9mm	5mm	80mm	180mm	68-9702-02
DFL-03	100801	Round	4.9mm	5mm	80mm	180mm	68-9702-03
DFL-04		Square	4.2mm	5mm	80mm	180mm	
DFL-05	100802	Triangle	6mm	5mm	80mm	180mm	68-9702-05

Square Files



Model	Code	Size	Teeth	Square Size	Weight	Q'ty/Box	Q'ty/Ctn
FB504	61518	4"	JK Bastard / Net	5.5x5.5mm	19g	12pcs	360pcs
FB506	61519	6"	JK Bastard / Net	6.3x6.3mm	38g	12pcs	120pcs
FB508	61520	8"	JK Bastard / Net		-	12pcs	120pcs
FB510	61521	10"	JK Bastard / Net	9.2x9.2mm	165g	6pcs	60pcs
FS504	61523	4"	Smooth / Net	3.5X3.5mm	10.7g	12pcs	360pcs
FS506	61524	6"	Smooth / Net	5.5X5.5mm	32.9g	12pcs	240pcs
FS512	61527	12"	Smooth / Net	10X10mm	252g	6pcs	60pcs

Flat- Pointed Files



Model	Code	Size	Teeth	Flat Size	Weight	Q'ty/Box	Q'ty/Ctn
FB204	75386	4"	JK Bastard / Net	12x2.8mm	24g		
FB206	75391	6"	JK Bastard / Net	15.5X3.5mm	66g	12pcs	240pcs
FB208	75357	8"	JK Bastard / Net	20.2X4mm	136g	12pcs	120pcs
FB210	61511	10"	JK Bastard / Net	25.5X5mm	251g	6pcs	60pcs
FB212	93638	12"	JK Bastard / Net	30X6.5mm	395g	6pcs	60pcs
FS204	61513	4"	Smooth / Net	12x2.6mm	24g		-
FS206	61514	6"	Smooth / Net			12pcs	240pcs
FS208	61515	8"	Smooth / Net	20X4mm	137g	12pcs	120pcs
FS210	61516	10"	Smooth / Net	23.5X5mm	252g	6pcs	60pcs
FS212	61517	12"	Smooth / Net	28X6mm	419g	6pcs	60pcs

Half-Round Files



Model	Code	Size	Teeth	Half Round	Weight	Q'ty/Box	Q'ty/Ctn
FB304	75385	4"	JK Bastard / Net	12x3.5mm	26g	12pcs	300pcs
FB306	75390	6"	JK Bastard / Net	16.5x5mm	67g	12pcs	240pcs
FB308	61500	8"	JK Bastard / Net	20x6mm	135g	6pcs	120pcs
FB310	61501	10"	JK Bastard / Net				
FB312	61502	12"	JK Bastard / Net				
FS304	61503	4"	Smooth / Net	12x3.5mm	26g	12pcs	300pcs
FS306	61504	6"	Smooth / Net	16.5x5mm	67g	12pcs	240pcs
FS308	61505	8"	Smooth / Net	20x6mm	135g	6pcs	120pcs
FS310		10"	Smooth / Net				
FS312	60507	12"	Smooth / Net				

Round Files



Model	Code	Size	Teeth	Dia.	Weight	Q'ty/Box	Q'ty/Ctn
FB604	75388	4"	JK Bastard / Helical	3.9mm	10.3g		
FB606	75387	6"	JK Bastard / Helical	5.5mm	30g	12pcs	240pcs
FB608	75392	8"	JK Bastard / Helical	7.5mm	75g		
FB610	61491	10"	JK Bastard / Helical	9.4mm	134g		
FB612	61492	12"	JK Bastard / Helical	11.2mm	232g		
FS604	61493	4"	Smooth / Helical	3.7mm	9g		
FS606	61494	6"	Smooth / Helical	5.5mm	30g	12pcs	240pcs
FS608	61495	8"	Smooth / Helical	7.5mm	72g		
FS610	61496	10"	Smooth / Helical	9.4mm	130g		
FS612	61497	12"	Smooth / Helical	11.2mm	230g		

Triangular Files



Model	Code	Size	Teeth	Side Length	Weight	Q'ty/Box	Q'ty/Ctn
FB406	61528	6"	JK Bastard / Net	11.5mm	75g	12pcs	300pcs
FB408	75389	8"	JK Bastard / Net		-	-	-
FB412	61531	12"	JK Bastard / Net		-	-	-
KB-30S	61483	3"	Middle / Net	5.2mm	9.5g	12pcs	2400pcs
KB-35S	61484	3.5"	Middle / Net	5.2mm	9.5g	12pcs	2400pcs
KB-40S	75360	4"	Middle / Net	5.7mm	14g	12pcs	600pcs
KB-40SB	93292	4"	Middle / Net	5.7mm	13.5g	12pcs	
KB-50S	75361	5"	Middle / Net	6.8mm	21g	12pcs	1200pcs
KB-60S	61487	6"	Middle / Net	8.5mm	44g	12pcs	600pcs
FS406	97052	6"	Smooth / Net	11.5mm	74g	12pcs	240pcs
FS408	14654	8"	Smooth / Net	13.5mm	133g	12pcs	120pcs



Chain Saw Files

Code	2771	2773
Size	4.8x200mm	5.5x200mm
Teeth Length	160mm	160mm
Q'ty/Card	1pc	1pc
Q'ty/Box	36pcs	36pcs
Q'ty/Ctn	48Doz(576pcs)	48Doz(576pcs)
Weight	29g	36g
Meas.	31x30x31.5cm	31x30x31.5cm
Bar Code	68-1123-48	68-1123-55



Riffler

Model	Code	Size	Bar Code
KR10-3140	81773	3x140mm	68-1810-3140
KR10-3180	81774	3x180mm	68-1810-3180
KR10-5180	81775	5x180mm	68-1810-5180



4pcs Engineer File Set

Model	Code	Size	Bar Code
KB4-6	81779	6"	68-1934-06
KB4-8	81780	8"	68-1934-08
KB4-10	81781	10"	68-1934-10



4Pcs Wood Rasp Set

Model	Code	Size	Bar Code
KK4-6	81782	6"	68-1734-06
KK4-8	81783	8"	68-1734-08
KK4-10	81784	10"	68-1734-10



10pcs Needle File Set

Model	Code	Size	Material
KN10-3140	81777	3x140mm	Bearing Steel



4pcs Needle File Set

Model	Code	Size	Material
KN4-3140	81776	3x140mm	Bearing Steel



6pcs Needle File Set

Model	Code	Size	Material
KN6-5180	81778	5x180mm	Bearing Steel

Deburring Blade with Handle



Material: M35

Can work on AL, IRON, PLASTIC, Cu

Model	Code	Knife Size	Length
DB1000	75177	Ø3.2X47mm	125mm

Deburring Blade with Handle



Material: M35

Can work on AL, IRON, PLASTIC, Cu

Model	Code	Knife Size	Length
DB1030	95167	Ø2.6X24mm	112mm

Deburring Blade Set



(95556)BLD-01 1Pc Blade C12 Incl. Angle 90° Range:1-12mm M7;
 (95557)BLD-02 1Pc Blade C20 Incl. Angle 90° Range:1-20mm M7;
 (95558)BLD-03 1Pc Blade C30 Incl. Angle 90° Range:1-30mm M7;
 1Pc C Holder 131mm M7 Suit for C12 C20 C30;
 1Pc Countersink Handle.

Model	Code	Size
DBS-02	95555	C12/20/30mm(M7)

Deburring Blade Set



Can work on AL,IRON,PLASTIC,Cu

Model	Code	Material	Size	Q'ty/Box
DBS-02	75178	M35	Ø3.2x47mm	10pcs
DB-06	95564	M2	Ø3.2x47mm	10pcs

Deburring Blade with Handle



Material: M35

Can work on AL, IRON, PLASTIC, Cu

Model	Code	Knife Size	Length
DB1020	95618	Ø2.6X24mm	123mm

Deburring Blade Set



Material: M2

Green Handle for AL;Red Handle for Copper & Iron

Blue Handle for Fe;Yellow Handle for Plastic

Model	Code	Knife Size	Length
DBS-01	95553	Ø3.2X47mm	112mm

Deburring Blade Set



(95560) DB -02 1Pc Blade D6 Incl. Angle 90° Range:1-6mm;
 (95561) DB -03 1Pc Blade D8 Incl. Angle 90° Range:1-8mm;
 (95562) DB -04 1Pc Blade D10 Incl. Angle 90° Range:1-10mm;
 (95563) DB -05 1Pc Blade D16 Incl. Angle 90° Range:1-16mm;
 (95564) DB -06 1 Pc Blade XBS1010 Incl. Angle 40° Ø3.2mm;
 1Pc Countersink Handle.

Model	Code	Size
DBS-03	95559	D6/D8/D10/D16mm



Jewelry Buffing Wheel



BGK-P



BGK-K

Model	Code	Size	Hole Dia.	Depth
BGK-P100	69325	100mm	3/8"(9.5mm)	12mm(40Steps)
BGK-P125	72389	125mm	3/8"(9.5mm)	12mm(40Steps)
BGK-P150	69326	150mm	3/8"(9.5mm)	12mm(40Steps)
BGK-P200	69327	200mm	3/8"(9.5mm)	12mm(40Steps)
BGK-P250	72390	250mm	3/8"(9.5mm)	12mm(40Steps)

Model	Code	Size	Hole Dia.	Depth
BGK-K100	72743	100mm	3/8"(9.5mm)	15mm(50Steps)
BGK-K150	72744	150mm	3/8"(9.5mm)	15mm(50Steps)
BGK-K200	72745	200mm	3/8"(9.5mm)	15mm(50Steps)



BMT-A



BMT-B



BMT-C

Model	Code	Size	Height	Shank Dia.
BMT-A050	72746	2"	65mm	6.2mm
BMT-A075	72747	3"	76mm	6.2mm
BMT-A100	72748	4"	96mm	6.2mm

Model	Code	Size	Height	Shank Dia.
BMT-B050	72749	2"	55mm	6.2mm
BMT-B063	72750	2.5"	70mm	6.2mm

Model	Code	Size	Height	Shank Dia.
BMT-C38	72751	1.5"	38mm	6.2mm
BMT-C63	72752	2.5"	72mm	6.2mm

Felted Wool Polishing Wheel



Model	Code	Dia.xH	Hole
BW-100	93256	100x10mm	16mm
GB-10	93257	100x10mm	16mm

Fibre Polishing Wheel



Model	Code	Size	Hole
GWM-101	97179	4" 100X16X12mm 180#/9P	16mm

Foam Polishing Wheel



Size	Code	Dia.x H	Q'ty/Ctn
5"	84746	125 x 21mm	300pcs
6"	94092	150 x 21mm	300pcs
7"	75541	180 x 21mm	200pcs

Foam Polishing Wave



Model	Code	Size	Type	Q'ty/Ctn
PW-215	104925	8"(215x180x40mm)	Wave	50pcs
PF-215	104926	8"(215x180x40mm)	Flat	50pcs

Foam Polishing(Velcro Type)



Material: Polyester

Model	Code	Size(Dia.xH)	Grit/Color	Q'ty/Ctn
FR-125	101339	5"x32mm	Rough/Yellow	150pcs
FM-125	101340	5"x32mm	Medium/Orange	150pcs
FF-125	101341	5"x32mm	Fine/Black	150pcs
FR-180	101342	7"x32mm	Rough/Yellow	100pcs
FM-180	101343	7"x32mm	Medium/Orange	100pcs
FF-180	101344	7"x32mm	Fine/Black	100pcs

Polishing Plate



Model	Code	Size	Material	Q'ty/Ctn
PB-180	101291	180x22mm	Wool	50pcs

Wool Polishing Wheel



Size	Code	Dia.	Speed	Q'ty/Ctn
5"	15152	125mm	3000rpm	250pcs
7"	7197	180mm	3000rpm	200pcs

Paint Roller Brush



Model	Code	Size	Material	Q'ty/Box
WP008	69323	4"x7.15x100mm	ACRYLIC	10pcs

Polishing Pad



1. PP Material 100% Brand new and high quality
2. High-quality Self-adhesive sucker, compact structure, ultra long wear, surface texture grooves can lock wax liquid, polishing effect is the best.
3. Self-adhesion abrasive pad, perfect for cleaning and polishing, fits sander/polishers/ Angle Grinders.
4. For use with a grip (hook and loop) grinding or polishing pads which enable the supporting plate.
To paste the sponge plate, wool ball, flocking sandpaper and so on.

Size	Code	Dia.	Speed	Thread	Q'ty/Ctn
BP-4-4"	76574	100mm	12000rpm	M10X1.5	200pcs
W7500-5"	74933	125mm	12500rpm	M10X1.5	200pcs
W7700-7"	65287	180mm	8500rpm	M16X2	100pcs
W7750-7"	76307	180mm	8500rpm	M14X2	100pcs

Steel Wire Brush

High tensile steel wire, 0.5 mm diameter, for rust and paint removal, descaling, deburring and preparation of welding seams. For metal and stone working, cleaning, surface preparation and fabrication tasks. Use with angle grinders. M10 x 1.5 female thread.

Model	SMK-301	SMK-251
Code	92370	92371
Size	3"/75mm	2.5"/65mm
Steel Dia.	0.5mm	0.5mm
Single Weight	246g	187g
Q'ty/Ctn	80pcs	80pcs
N.W./G.W.	20/22kgs	15/17kgs
Meas.	34X34X38cm	39X31.5X27cm



Steel Wire Brush

Steel wire, 0.3 mm diameter, for rust and paint removal, descaling, deburring and preparation of welding seams. For metal and stone working, cleaning, surface preparation and fabrication tasks. Use with angle grinders.

Model	SM-301	SS-301
Code	92369	112532
Size	3"/75mm	3"/75mm
Thread	M10X1.5	M10X1.5
Material	High tensile steel	Stainless steel
Steel Dia.	0.3mm	0.3mm
Single Weight	197g	197g
Q'ty/Ctn	80pcs	80pcs
N.W./G.W.	14.5/16.5kgs	14.5/16.5kgs
Meas.	34X34X38cm	34X34X38cm



SM-301



SS-301

Steel Wire Brush

Ergonomic Long Curved handle with a pre-drilled hole for hanging steel wire brush: wire scratch brush, solidly embedded steel bristle, Hardened steel wire for reduced wire breakage & longer life, Rugged and durable. Size: 27.5cm Overall Length, Bristle Area 6X15 Row.

Application - Ideal for removing paint stains, rust, welding slag, solder, scale, Great for remove corrosion and more from parts, equipment, machinery, and other surfaces. Also great for cleaning threads, grills, or tile.

Model	JG-103
Code	111349
Length	275mm
Steel Dia.	0.33mm
Single Weight	114g
Q'ty/Box	12pcs
Q'ty/Ctn	120pcs
N.W./G.W.	13.5/15kgs
Meas.	53X29X26cm

Applicable scene:
brush is suitable for removing large amounts of rust, paint, burrs and clean welds;



Steel Knife Brushes

Application - Ideal for removing paint stains, rust, welding slag, solder, scale, Great for remove corrosion and more from parts, equipment, machinery, and other surfaces. Also great for cleaning threads, grills, or tile. Plastic Handle; Steel Wire; Copper Finished

Model	SBB-99903
Code	68047
Length	280mm
Steel Dia.	0.3mm
Single Weight	108g
Q'ty/Box	12pcs
Q'ty/Ctn	72pcs
N.W./G.W.	10/12kgs
Meas.	63.5X33.5X37cm



Knife Wire Brush

- * Decarbonising, Cleaning on Rough Surface
- * Industrial Maintenance, workshop, machinery etc
- * Stainless Steel Wire

Model	SB-HJ23
Code	108354
Length	265mm
Wire Dia.	0.3mm
Brush Size	28x140mm
Weight	101g
Q'ty/Box	1pc
Q'ty/Ctn	120pcs
N.W./G.W.	13/15kgs
Meas.	60x27.5x25cm



Stainless Brushes

Super decontamination ability: Brush head is made of Stainless Steel, it can quickly remove rust, paint, rust, welding slag and scale. Clean and remove loose paint on metal parts, suitable for heavy scrubbing. Hardened steel wire for reduced wire breakage & longer life. Multipurpose wire brush: Special corrosion without damaging the surface or fine features. It can also be used to clean doors, windows, sliding doors, floor tiles, etc. Stainless steel brush can be used to clean where it needs strong scrubbing.

Model	Code	Length	Steel Dia.	Single Weight
WP-106S	69330	275mm	0.35mm	175g



Steel Brush

Use this tool for cleaning the teeth of all kinds of needle and regular steel files.

Model	Code	Size	Steel Dia.	Single Weight
99904-1	68530	50x25mm	0.35mm	16g



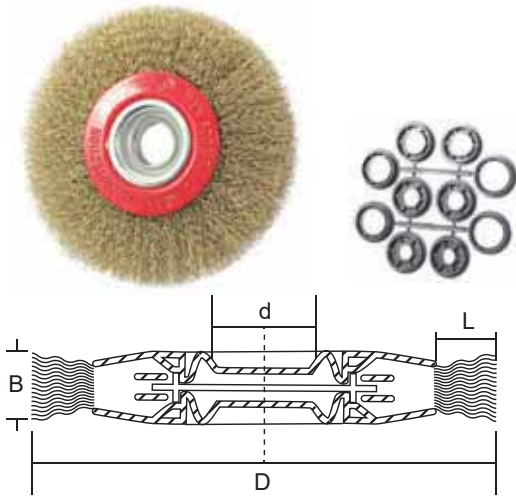
Carpet Brush Drill Attachment Sets

This set has been expertly designed to clean Car, Boat, Motorcycles, Seat, Carpet, Upholstery, Kitchen and Shower Door. The extended reach attachment allows you to get into tight spaces and hard to reach areas for a thorough clean. Soft nylon bristles will not scratch your car and shower surfaces. The three different sized brush heads allow you to easily scrub those hard to reach or large surfaces. Hex. 1/4" Quick Change Shafts

Model	SPS-03	
Code	107868	
Handle	Hex. 1/4"	
Brush Size Length x Dia.	Big Round	25xØ99mm
	Small Round	25xØ38mm
	Long Round	80xØ95mm
Material	PP	
Weight	280g	
Q'ty/Box	1Set	
Q'ty/Ctn	64Sets	
Meas.	52x52x52cm	



Circular Brush Crimped Wire



S-T Steel wire

Applications

Heavy-duty cleaning of large metal surfaces weld scale and Corrosion prior to Welding Rust and paint Removal, Cleaning Ships, Steel tanks, Etc

All operators and other personnel in areas where brushes are being used must wear safety goggles or face shields

Code	Model	Size	D	B	L	d	Max.	Weight
108340	SWW-40	4"x15x25mm	4"	15mm	25mm	20mm	6000rpm	188g
108341	SWW-50	5"x18x30mm	5"	18mm	30mm	20mm	6000rpm	260g
108342	SWW-65	6"x25x35mm	6"	25mm	35mm	32mm	6000rpm	470g
108343	SWW-85	8"x25x55mm	8"	25mm	55mm	32mm	4500rpm	760g

Code	Model	Ring Size	Q'ty/Box	Q'ty/Ctn	G.W./N.W.	Meas.
108340	SWW-40	20-5/8"; 20-1/2"	1pc	60pcs	14/12kgs	37x34x22.5cm
108341	SWW-50	20-5/8"; 20-1/2"	1pc	60pcs	18/16kgs	42x35x28cm
108342	SWW-65	32-1/2"; 32-3/4"; 32-5/8";	1pc	40pcs	21/19kgs	39x33.5x34cm
108343	SWW-85	32-7/8"; 32-1"	1pc	20pcs	17/15kgs	43x39x22.5cm

Bevel Brushes Crimped Wire

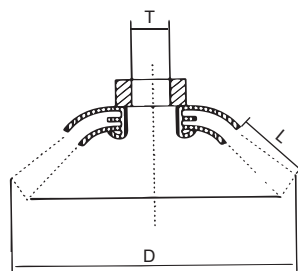


S-T Steel wire

Applications

Heavy-duty cleaning of large metal surfaces weld scale and Corrosion prior to Welding Rust and paint Removal, Cleaning Ships, Steel tanks, Etc

All operators and other personnel in areas where brushes are being used must wear safety goggles or face shields



Model	SVA-41
Code	108344
Size	100mm-4"
D(mm)	4"
T(mm)	M10x1.5
Thickness	10mm
L(mm)	20
Max. Speed	6000rpm
Weight	145g
Q'ty/Ctn	60pcs
Meas.	46x33x23cm

Wire Wheel Brushes With Shank



S-T Steel wire

Applications

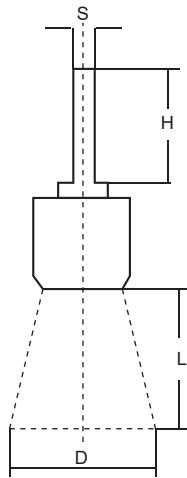
Heavy-duty cleaning of large metal surfaces weld scale and Corrosion prior to Welding Rust and paint Removal, Cleaning Ships, Steel tanks, Etc

All operators and other personnel in areas where brushes are being used must wear safety goggles or face shields

Code	Model	Size	Length	H	B	L	S	Max. Speed
108345	SSW-15	40mm - 1-1/2"	40mm	32mm	8mm	10mm	6mm	4500rpm
108346	SSW-20	50mm - 2"	40mm	32mm	8mm	12mm	6mm	4500rpm
108347	SSW-25	65mm - 2-1/2"	40mm	32mm	8mm	18mm	6mm	4500rpm
108348	SSW-30	75mm - 3"	40mm	32mm	8mm	20mm	6mm	4500rpm
108349	SSW-40	100mm - 4"	40mm	32mm	8mm	25mm	6mm	4500rpm

Code	Model	Weight	Q'ty/Box	Q'ty/Ctn	G.W./N.W.	Meas.
108345	SSW-15	30g	-	250pcs	9.5/7.5kgs	62x30x38cm
108346	SSW-20	40g	-	250pcs	12/10 kgs	62x30x38cm
108347	SSW-25	48g	-	150pcs	9.5/7.5kgs	62x30x38cm
108348	SSW-30	65g	-	150pcs	11.8/9.8kgs	62x30x38cm
108349	SSW-40	102g	-	100pcs	15/13kgs	48x42x40cm

End Brushes - flat type



S-T Steel wire

Applications

Heavy-duty, Cleaning of large metal surfaces

weld scale and Corrosion prior to

Welding Rust and paint Removal,

Cleaning Ships, Steel tanks, Etc

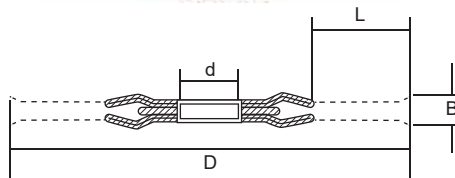
All operators and other personnel in areas where brushes are being used must wear safety goggles or face shields



Code	Model	Size	D	Length	H	L	S
108350	SSE-04	12mm - 1/2"	12mm	75mm	17mm	25mm	6mm
108351	SSE-05	16mm - 5/8"	16mm	75mm	17mm	25mm	6mm
108352	SSE-10	25mm - 1"	25mm	75mm	17mm	25mm	6mm

Code	Model	Max. Speed	Weight	Q'ty/Box	Q'ty/Ctn	Meas.
108350	SSE-04	4500rpm	22g	-	300pcs	62x30x38cm
108351	SSE-05	4500rpm	30g	-	300pcs	62x30x38cm
108352	SSE-10	4500rpm	34g	-	250pcs	62x30x38cm

Twist Knot Wheel Brushes



S-T Steel wire

Applications

Heavy-duty, Cleaning of large metal surfaces weld scale and Corrosion prior to Welding Rust and paint Removal,

Cleaning Ships, Steel tanks, Etc

All operators and other personnel in areas where brushes are being used must wear safety goggles or face shields



Model	SKW-40
Code	108355
Size	100mm-4"
Knots	30
D(mm)	4"
B(mm)	20
L(mm)	22
d(mm)	16
Max. Speed	12500rpm
Weight	188g
Q'ty/Box	1pc
Q'ty/Ctn	60pcs
N.W./G.W.	11.3/13kgs
Meas.	34x30x22.5cm

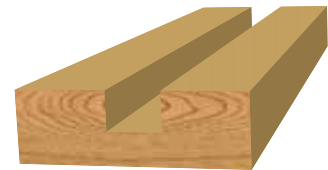
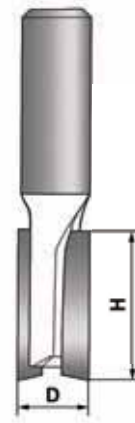


Router Bit

These tongue and groove router bit set is truly versatile for your extra convenience. Works great with woods, MDF, particle board, plywood compact panel.
DO NOT cutting ferrous metal and non wood materials, such as: steel, iron, sand, etc

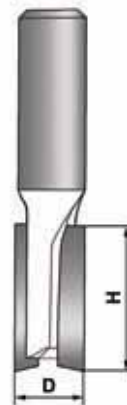
Straight Bit

Part No.	Code	Size(inch)	Z	D(mm)	H (mm)
WP0800201	94612	1/4x6mm	2	6.00	20
WP0800202	63795	1/4x8mm	2	8.00	25.4
WP0800203	94613	1/4x10mm	2	10.00	30
WP0800204	94614	1/4x11mm	2	11.00	30
WP0800205	94615	1/4x1/2	2	12.70	30
WP0800206		1/4x5/8	2	15.90	20
WP0800207		1/4x3/4	2	19.05	20
WP0800208	94616	1/2x1/4	2	6.35	20
WP0800209		1/2x5/16x1	2	7.96	25.4
WP0800210	94617	1/2x5/16	2	7.96	25.4
WP0800211	94618	1/2x3/8	2	9.52	30
WP0800212	61544	1/2x1/2	2	12.70	30
WP0800213	62796	1/2x5/8	2	15.90	30
WP0800214	62797	1/2x3/4	2	19.05	30
WP0800215	94633	1/2x7/8	2	22.20	30
WP0800216	94634	1/2x1	2	25.40	30



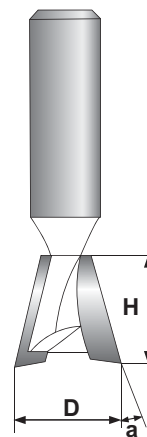
Long Straight Bit

Part No.	Code	Size(inch)	Z	D	H (mm)
101-452	107219	1/2X3/8x1-1/2	2	3/8"	38
101-462	94619	1/2X1/2X1-1/2	2	1/2"	38.1
101-463	94620	1/2X1/2X2-1/2	2	1/2"	63.5



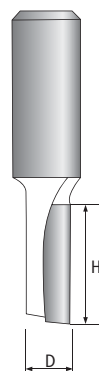
Dovetail Bit

Part No.	Code	Size(inch)	α	D(mm)	H (mm)
WP0802601	94595	1/4x5/16	9°	7.96	9.50
WP0802602	62800	1/4x3/8	8°	9.52	10.00
WP0802603	61545	1/4x1/2	14°	12.70	13.00
WP0802604		1/4x5/8	14°	15.90	16.00
WP0802605		1/4x3/4	14°	19.05	20.00
WP0802606		1/4x7/8	14°30'	22.20	23.00
WP0802607		1/4x1	14°30'	25.40	26.00
WP0802608		1/2x5/16	9°	7.96	9.50
WP0802609		1/2x3/8	8°	9.52	10.00
WP0802610		1/2x1/2	14°	12.70	13.00
WP0802611		1/2x5/8	14°	15.90	16.00
WP0802612		1/2x3/4	14°	19.05	20.00
WP0802613		1/2x7/8	14°30'	22.20	23.00
WP0802614		1/2x1	14°30'	25.40	26.00
WP0802615		1/2x1-1/8	14°30'	28.60	29.00
WP0802616		1/2x1-1/4	14°30'	31.75	30.00
WP0802617		1/2x1-1/2	14°30'	38.10	30.00



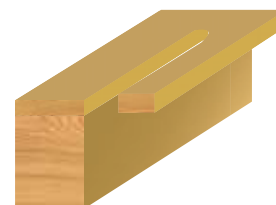
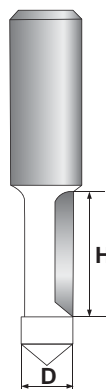
Straight Bit

Part No.	Code	Size(inch)	Z	D(mm)	H(mm)
WP0800101		1/4 x 3/32	1	2.38	8
WP0800102	94610	1/4 x 1/8	1	3.17	8
WP0800103	94611	1/4 x 5/32	1	3.96	10
WP0800104	63794	1/4 x 3/16	1	4.76	15
WP0800105		1/4 x 1/4	1	6.35	20
WP0800106		1/2 x 5/32	1	3.96	10
WP0800107		1/2 x 3/16	1	4.76	15
WP0800108		1/2 x 1/4	1	6.35	20
WP0800109		1/2 x 5/16	1	7.96	25
WP0800110		1/2 x 3/8	1	9.50	25



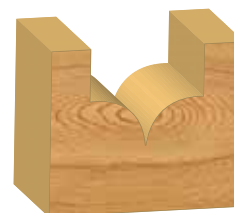
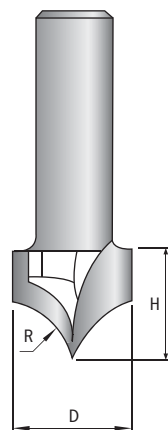
Panel Pilot Bit With Drill Point

Part No.	Code	Size(inch)	Z	D(mm)	H (mm)
WP0800701		1/4 x 1/4	1	6.35	19
WP0800702		1/4 x 5/16	1	7.96	22
WP0800703		1/4 x 3/8	1	9.52	19
WP0800704		1/4 x 1/2	1	12.7	19
WP0800705		1/2 x 1/4	1	6.35	19
WP0800706		1/2 x 5/16	1	7.96	22
WP0800707		1/2 x 3/8	1	9.52	19
WP0800708		1/2 x 1/2	1	12.7	19



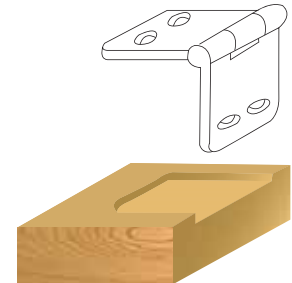
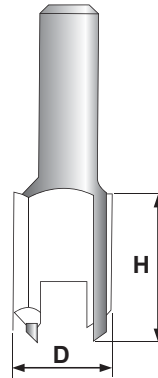
Carving Bit

Part No.	Code	Size(inch)	D(mm)	R(mm)	H(mm)
WP0803601		1/4 x 1/4	6.35	3.17	7.00
WP0803602		1/4 x 5/16	7.96	3.96	7.50
WP0803603		1/4 x 3/8	9.52	4.76	8.00
WP0803604		1/4 x 1/2	12.70	6.35	9.50
WP0803605	94625	1/4 x 5/8	15.90	7.96	11.00
WP0803606	94626	1/4 x 3/4	19.05	9.52	13.00
WP0803607		1/4 x 7/8	22.20	11.10	14.80
WP0803608	94627	1/4 x 1	25.40	12.70	16.00
WP0803609		1/2 x 1/4	6.35	3.17	7.00
WP0803610		1/2 x 5/16	7.96	3.96	7.50
WP0803611		1/2 x 3/8	9.52	4.76	8.00
WP0803612		1/2 x 1/2	12.70	6.35	9.50
WP0803613		1/2 x 5/8	15.90	7.96	11.00
WP0803614		1/2 x 3/4	19.05	9.52	13.00
WP0803615		1/2 x 7/8	22.20	11.10	14.80
WP0803616		1/2 x 1	25.40	12.70	16.00
WP0803617		1/2 x 1-1/8	28.60	14.30	17.00
WP0803618		1/2 x 1-1/4	31.80	15.90	18.00
WP0803619		1/2 x 1-3/8	34.90	17.45	20.00
WP0803620		1/2 x 1-1/2	38.10	19.05	21.00
WP0803621		1/2 x 1-5/8	41.28	20.64	22.50
WP0803622		1/2 x 1-3/4	44.45	22.20	24.00
WP0803623		1/2 x 2	50.80	25.40	28.50



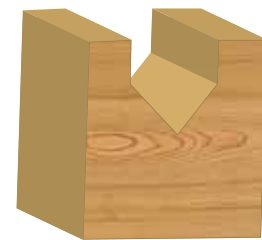
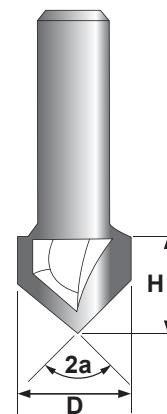
Mortising bit

Part No.	Code	Size(inch)	D(mm)	H (mm)
WP0800401		1/4X1/2	12.70	12.70
WP0800402		1/4X5/8	15.90	19.05
WP0800403		1/4X3/4	19.05	19.05
WP0800404		1/2X1/2	12.70	12.70
WP0800405		1/2X5/8	15.90	19.05
WP0800406		1/2X3/4	19.05	19.05
WP0800407		1/2X7/8	22.20	19.05
WP0800408		1/2X1	25.40	19.05
WP0800409		1/2X1-1/8	28.60	19.05

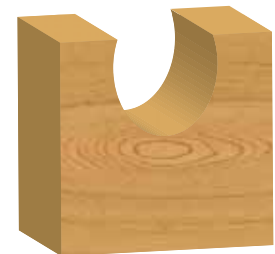
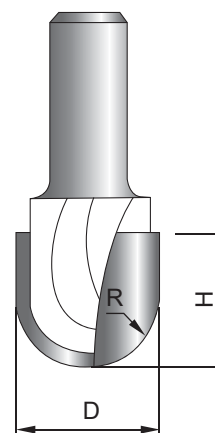


V Groove Bit

Part No.	Code	Size(inch)	D (mm)	H (mm)	2a
WP0802401	94621	1/4 x 1/4	6.35	6.35	90°
WP0802402		1/4 x 5/16	7.96	7.96	90°
WP0802403	66373	1/4 x 3/8	9.52	9.52	90°
WP0802404	94622	1/4 x 1/2	12.70	12.70	90°
WP0802405	94623	1/4 x 5/8	15.90	15.90	90°
WP0802406	94624	1/4 x 3/4	19.00	17.50	90°
WP0802407		1/4 x 7/8	22.20	22.20	90°
WP0802408		1/4 x 1	25.40	25.40	90°
WP0802409		1/2 x 1/4	6.35	6.35	90°
WP0802410		1/2 x 5/16	7.96	7.96	90°
WP0802411		1/2 x 3/8	9.52	9.52	90°
WP0802412	60001981	1/2 x 1/2	12.70	12.70	90°
WP0802413	60001980	1/2 x 5/8	15.90	15.90	90°
WP0802414	60001060	1/2 x 3/4	19.00	17.50	90°
WP0802415		1/2 x 7/8	22.20	22.20	90°
WP0802416		1/2 x 1	25.40	25.40	90°
WP0802417		1/2 x 1-1/8	28.6	26.00	90°
WP0802418		1/2 x 1-1/4	31.75	25.50	90°
WP0802419		1/2 x 1-3/8	34.90	25.00	90°
WP0802420		1/2 x 1-1/2	38.10	25.00	90°

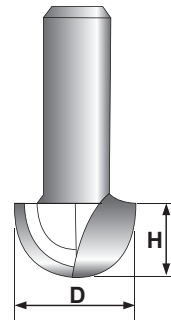


Part No.	Code	Size(inch)	D (mm)	R (mm)	H(mm)
WP0804401	62803	1/4 x 1/4	6.35	3.17	12.70
WP0804402		1/4 x 5/16	7.96	3.98	20.00
WP0804403	62804	1/4 x 3/8	9.52	4.76	19.60
WP0804404	62805	1/4 x 1/2	12.70	6.35	19.60
WP0804405	62806	1/4 x 5/8	15.90	7.96	19.60
WP0804406	94603	1/4 x 3/4	19.05	9.52	19.60
WP0804407		1/4 x 7/8	22.20	11.10	21.50
WP0804408	65204	1/4 x 1	25.40	12.70	22.50
WP0804409		1/2 x 3/8	9.52	4.76	19.60
WP0804410		1/2 x 1/2	12.70	6.35	19.60
WP0804411		1/2 x 5/8	15.90	7.96	19.60
WP0804412		1/2 x 3/4	19.05	9.52	19.60
WP0804413		1/2 x 7/8	22.20	11.10	21.50
WP0804414		1/2 x 1	25.40	12.70	22.50
WP0804415		1/2 x 1-1/8	28.50	14.30	22.50
WP0804416		1/2 x 1-1/4	31.75	15.90	23.00
WP0804417		1/2 x 1-3/8	34.90	17.45	23.00
WP0804418		1/2 x 1-1/2	38.10	19.05	23.00
WP0804419		1/2 x 1-3/4	44.45	22.20	31.75
WP0804420		1/2 x 2	50.80	25.40	31.75



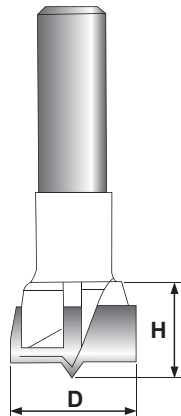
Cove Box Bit

Part No.	Code	Size(inch)	D (mm)	H (mm)	R (mm)
WPD1101		1/4X5/32	3.97	6	2.00
WPD1102		1/4X3/16	4.76	6	2.38
WPD1103		1/4X1/4	6.35	6.35	3.17
WPD1104		1/4X5/16	7.96	7.2	3.96
WPD1105		1/4X3/8	9.52	8	4.76
WPD1106		1/4X1/2	12.70	9.5	6.35
WPD1107		1/4X5/8	15.90	11.1	7.95
WPD1108		1/4X3/4	19.00	12.7	9.52
WPD1109		1/4X7/8	22.20	14.3	11.10
WPD1110		1/4X1	25.40	16	12.70
WPD1111		1/2X3/16	4.76	6	2.38
WPD1112		1/2X1/4	6.35	6.35	3.17
WPD1113		1/2X5/16	7.96	7.2	3.96
WPD1114		1/2X3/8	9.52	8	4.76
WPD1115		1/2X1/2	12.70	9.5	6.35
WPD1116		1/2X5/8	15.90	11.1	7.95
WPD1117		1/2X3/4	19.00	12.7	9.52
WPD1118		1/2X7/8	22.20	14.3	11.10
WPD1119		1/2X1	25.40	16	12.70
WPD1120		1/2X1-1/4	31.8	20	15.9
WPD1121		1/2X1-1/2	38.1	23	19
WPD1122		1/2X2	50.8	29.5	25.4



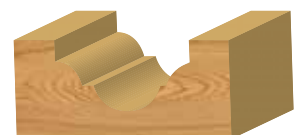
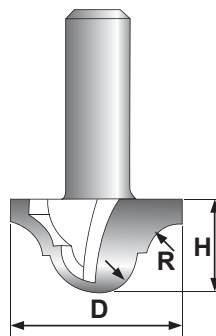
Hinge Boring Bit

Part No.	Code	Size(inch)	D (mm)	H (mm)
WPD2101		1/4X3/8	9.52	17.4
WPD2102		1/4X1/2	12.7	17.4
WPD2103		1/4X5/8	15.9	17.4
WPD2104		1/4X3/4	19	17.4
WPD2105		1/4X7/8	22.2	17.4
WPD2106		1/4X1	25.4	17.4
WPD2107		1/2X3/8	9.52	17.4
WPD2108		1/2X1/2	12.7	17.4
WPD2109		1/2X5/8	15.9	17.4
WPD2110		1/2X3/4	19	17.4
WPD2111		1/2X7/8	22.2	17.4
WPD2112		1/2X1	25.4	17.4
WPD2113		1/2X1-1/8	28.6	17.4
WPD2114		1/2X1-1/4	31.8	17.4
WPD2115		1/2X1-3/8	34.9	17.4
WPD2116		1/2X1-1/2	38.1	17.4
WPD2117		1/2X1-3/4	44.5	17.4
WPD2118		1/2X2	50.8	17.4
WPD2119		1/2X2-1/2	63.5	17.4



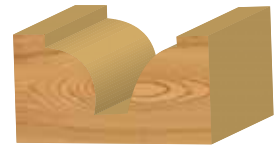
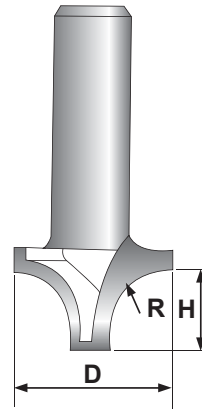
Double Roman Ogee Bit Without Bearing

Part No.	Code	Size(inch)	D (mm)	H (mm)	R (mm)
WP0807101	94573	1/4x1/2	19.05	11.10	3.17
WP0807102	94574	1/4x5/8	22.19	13.00	3.96
WP0807103	62819	1/4x3/4	25.40	14.30	4.76
WP0807104	94575	1/4x7/8	28.60	15.00	5.55
WP0807105	94576	1/4x1	31.75	17.50	6.35
WP0807106		1/2x1/2	19.05	11.10	3.17
WP0807107		1/2x5/8	22.19	13.00	3.96
WP0807108		1/2x3/4	25.40	14.30	4.76
WP0807109		1/2x7/8	28.60	15.00	5.55
WP0807110		1/2x1	31.75	17.50	6.35
WP0807111		1/2x1-1/8	34.95	18.00	7.14
WP0807112		1/2x1-1/4	38.10	20.00	7.96
WP0807113	94577	1/2x1-1/2	44.45	23.84	9.52



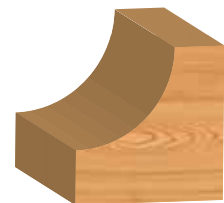
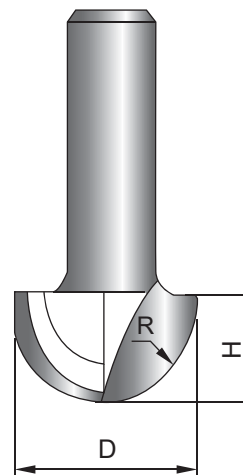
Double Roman Ogee Bit Without Bearing

Part No.	Code	Size(inch)	D (mm)	H (mm)	R (mm)
WP0805001		1/4x1/2	12.70	6.35	3.17
WP0805002		1/4x5/8	15.90	7.93	4.76
WP0805003		1/4x3/4	19.05	9.50	6.35
WP0805004		1/4x7/8	22.20	11.10	7.96
WP0805005		1/4x1	25.40	12.70	9.52
WP0805006		1/4x1-1/8	28.60	15.90	11.10
WP0805007		1/4x1-1/4	31.75	19.00	12.70
WP0805008		1/4x1-3/8	34.90	22.20	12.70
WP0805009		1/4x1-1/2	38.10	22.20	12.70
WP0805010		1/2x1/2	12.70	6.35	3.17
WP0805011		1/2x5/8	15.90	7.93	4.76
WP0805012		1/2x3/4	19.05	9.50	6.35
WP0805013		1/2x7/8	22.20	11.10	7.96
WP0805014		1/2x1	25.40	12.70	9.52
WP0805015		1/2x1-1/8	28.60	15.90	11.10
WP0805016		1/2x1-1/4	31.75	19.00	12.70
WP0805017		1/2x1-3/8	34.90	22.20	12.70
WP0805018		1/2x1-1/2	38.10	22.20	12.70
WP0805019		1/2x1-5/8	41.27	23.81	14.28
WP0805020		1/2x1-3/4	44.45	28.60	15.90
WP0805021		1/2x1-7/8	47.62	26.95	17.45
WP0805022		1/2x2	50.80	33.30	19.05



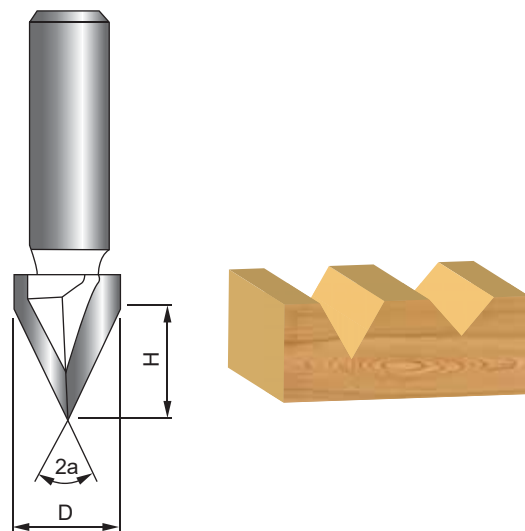
Cover Box Bit

Part No.	Code	Size(inch)	D (mm)	R (mm)	H(mm)
WP0804201		1/4 x 1/8	3.17	1.58	5.00
WP0804202		1/4 x 5/32	3.96	1.98	5.00
WP0804203		1/4 x 3/16	4.76	2.38	7.00
WP0804204		1/4 x 1/4	6.35	3.17	5.00
WP0804205	62801	1/4 x 5/16	7.96	3.96	6.00
WP0804206	62802	1/4 x 3/8	9.52	4.76	6.50
WP0804207	94593	1/4 x 1/2	12.70	6.35	9.50
WP0804208	94594	1/4 x 5/8	15.90	7.95	10.00
WP0804209	62242	1/4 x 3/4	19.05	9.52	12.00
WP0804210		1/4 x 7/8	22.20	11.10	13.50
WP0804211		1/4 x 1	25.40	12.70	15.00
WP0804212		1/2 x 3/16	4.76	2.38	7.00
WP0804213		1/2 x 1/4	6.35	3.17	5.00
WP0804214		1/2 x 5/16	7.96	3.96	6.00
WP0804215		1/2 x 3/8	9.52	4.76	6.50
WP0804216		1/2 x 1/2	12.70	6.35	9.50
WP0804217		1/2 x 5/8	15.90	7.95	10.00
WP0804218		1/2 x 3/4	19.05	9.52	12.00
WP0804219		1/2 x 7/8	22.20	11.10	13.50
WP0804220		1/2 x 1	25.40	12.70	15.00
WP0804221		1/2 x 1-1/8	28.60	14.30	17.50
WP0804222		1/2 x 1-1/4	31.75	15.90	19.00
WP0804223		1/2 x 1-3/8	34.90	17.45	19.50
WP0804224		1/2 x 1-1/2	38.10	19.05	22.50
WP0804225		1/2 x 1-5/8	41.30	20.65	25.50
WP0804226		1/2 x 1-3/4	44.50	22.25	26.50
WP0804227		1/2 x 2	50.80	25.40	28.50
WP0804228		1/2 x 2-1/2	63.50	31.75	35.00
WP0804229		1/2 x 3	76.20	38.10	41.50



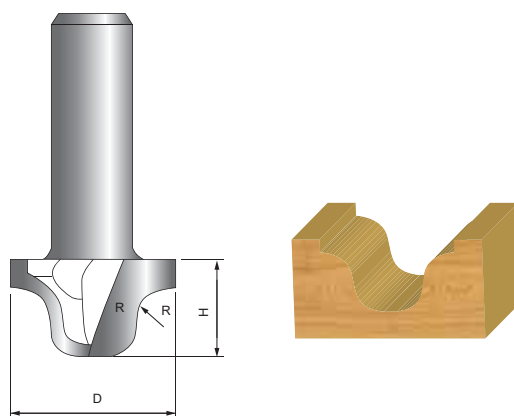
V Groove Bit

Part No.	Code	Size(inch)	D (mm)	2a	H(mm)
WP0802701	65209	1/4 x 1/2	12.70	60°	10.90
WP0802702		1/4 x 9/16	14.28	60°	12.36
WP0802703		1/4 x 19/32	15.08	45°	18.20
WP0802704	65210	1/4 x 5/8	15.90	60°	13.76
WP0802705		1/4 x 11/16	17.46	60°	15.15
WP0802706	65211	1/4 x 3/4	19.05	60°	16.48
WP0802707		1/4 x 7/8	22.22	45°	26.79
WP0802708		1/2 x 1/2	12.70	60°	10.90
WP0802709		1/2 x 9/16	14.28	60°	12.36
WP0802710		1/2 x 19/32	15.08	45°	18.20
WP0802711		1/2 x 5/8	15.90	60°	13.76
WP0802712		1/2 x 11/16	17.46	60°	15.15
WP0802713		1/2 x 3/4	19.05	60°	16.48
WP0802714		1/2 x 7/8	22.22	45°	26.79



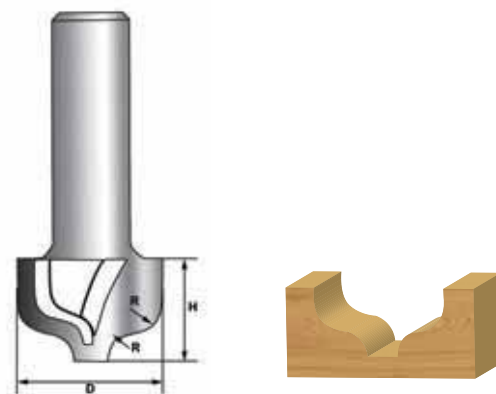
Roman Ogee Bit W/O Bearing

Part No.	Code	Size(inch)	D (mm)	R(mm)	H(mm)
WP0807301		1/4x3/8	12.7	2.38	8
WP0807302		1/4x1/2	15.9	3.17	9.5
WP0807303	96031	1/4x5/8	19.1	3.96	11.1
WP0807304	62813	1/4x3/4	22.2	4.76	14
WP0807305		1/4x7/8	25.6	5.6	15
WP0807306		1/4x1	30.16	6.35	17
WP0807307		1/2x1/2	15.9	3.17	9.5
WP0807308		1/2x5/8	19.1	3.96	11.1
WP0807309		1/2x3/4	22.2	4.76	14
WP0807310		1/2x7/8	25.6	5.6	15
WP0807311		1/2x1	30.16	6.35	17
WP0807312		1/2x1-1/8	33.3	7.14	19.1
WP0807313		1/2x1-1/4	36.51	7.95	20
WP0807314		1/2x1-3/8	39.66	8.73	22
WP0807315		1/2x1-1/2	42.86	9.52	24
WP0807316		1/2x1-3/4	49.2	11.11	26
WP0807317		1/2x2	55.56	12.7	30.16
WP0807318		1/2x2-1/2	68.26	15.9	37



Classical Plunge Bit

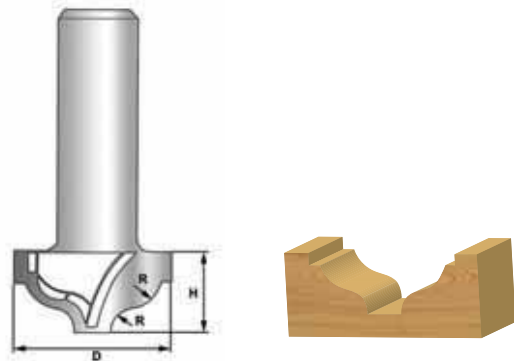
Part No.	Code	Size(inch)	D (mm)	H (mm)	R (mm)
WP0804001		1/4x3/8	9.52	9.50	1.58
WP0804002		1/4x1/2	12.70	9.50	1.98
WP0804003		1/4x5/8	15.90	9.50	2.38
WP0804004		1/4x3/4	19.10	11.10	3.20
WP0804005		1/4x7/8	22.20	15.90	4.80
WP0804006		1/4x15/16	23.80	17.50	4.80
WP0804007		1/4x1	25.40	17.50	4.80
WP0804008		1/4x1-1/8	28.60	17.50	4.80
WP0804009		1/4x1-1/4	31.80	17.50	4.80
WP0804010		1/2x3/8	9.52	9.50	1.58
WP0804011		1/2x1/2	12.70	9.50	1.98
WP0804012		1/2x5/8	15.90	9.50	2.38
WP0804013		1/2x3/4	19.10	11.10	3.20
WP0804014		1/2x7/8	22.20	15.90	4.80
WP0804015		1/2x15/16	23.80	17.50	4.80



Shank: $\Phi 1/4"$, $\Phi 1/2"$, $\Phi 6\text{mm}$, $\Phi 8\text{mm}$, $\Phi 12\text{mm}$

Classical Bit Without Bearing

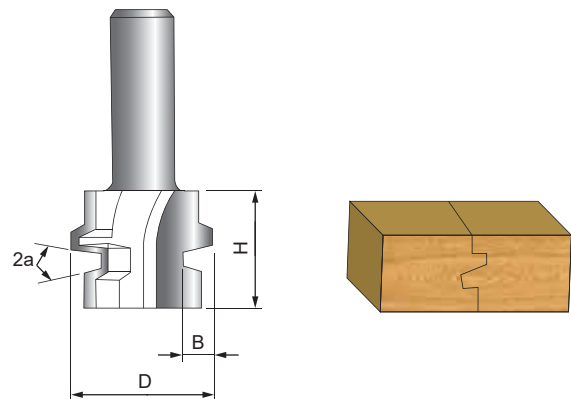
Part No.	Code	Size(inch)	D (mm)	H (mm)	R (mm)
WP0806901		1/4X1/2	17.45	9.52	2.38
WP0806902		1/4X5/8	20.61	11.10	3.17
WP0806903		1/4X3/4	23.78	12.90	3.96
WP0806904		1/4X7/8	26.97	14.30	4.76
WP0806905		1/4X1	30.33	15.90	5.60
WP0806906		1/4X1-1/8	33.33	17.50	6.35
WP0806907		1/2X1/2	17.45	9.52	2.38
WP0806908		1/2X5/8	20.61	11.10	3.17
WP0806909		1/2X3/4	23.78	12.90	3.96
WP0806910		1/2X7/8	26.97	14.30	4.76
WP0806911		1/2X1	30.33	15.90	5.60
WP0806912		1/2X1-1/8	33.33	17.50	6.35
WP0806913		1/2X1-1/4	36.49	20.63	7.14
WP0806914		1/2X1-1/2	42.86	22.20	8.73
WP0806915		1/2X1-5/8	46.01	24.00	9.52
WP0806916		1/2X28.4mm	28.40	9.60	3.60
WP0806917		1/2X37mm	37.00	14.00	5.00
WP0806918		1/2X47mm	47.00	17.00	7.80
WP0806919		1/2X34.5mm	34.50	13.70	5.00
WP0806920		1/2X30.8mm	30.80	10.40	4.00



Shank: $\Phi 1/4"$, $\Phi 1/2"$, $\Phi 6\text{mm}$, $\Phi 8\text{mm}$, $\Phi 12\text{mm}$

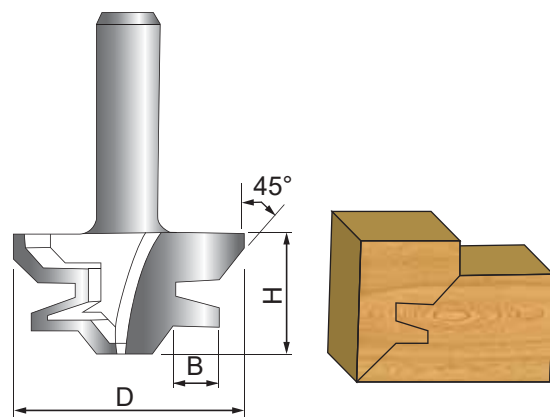
Miter Bit

Part No.	Code	Size(inch)	D (mm)	2a	H(mm)	B(mm)
WP0814601	96042	1/4×7/32	30	24°	15	5.55
WP0814602	96043	1/4×1/4	30.5	30°	25.4	6.35
WP0814603		1/4×5/16	33.66	30°	25.4	7.93
WP0814604		1/4×3/8	41.3	30°	25.4	9.52
WP0814605		1/2×7/32	30	24°	15	5.55
WP0814606		1/2×1/4	30.5	30°	25.4	6.35
WP0814607		1/2×5/16	33.66	30°	25.4	7.93
WP0814608		1/2×3/8	41.3	30°	25.4	9.52



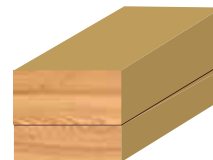
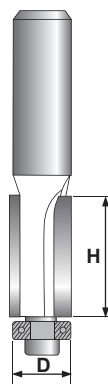
Lock Miter Bit 45°

Part No.	Code	Size(inch)	D (mm)	H(mm)	B(mm)
WP0802801	96044	1/4×1-1/2	38.1	17.14	4.76
WP0802802		1/2×1-1/2	38.1	17.14	4.76
WP0802803	96045	1/2×1-3/4	44.45	19.05	6.55
WP0802804		1/2×2-3/4	69.85	30.2	8
WP0802805		1/2×3	76.2	25.4	6.5



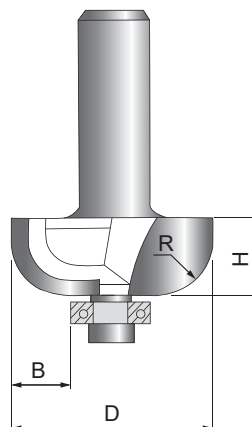
Flush Trim Bit

Part No.	Code	Size(inch)	D (mm)	H (mm)
WP0801601	13486	1/4x1/4	6.35	20.00
WP0801602	16165	1/4x5/16	8.00	25.00
WP0801603	6720	1/4x3/8	9.52	30.00
WP0801604	6016	1/4x1/2	12.70	30.00
WP0801605		1/2x1/4	6.35	30.00
WP0801606		1/2x5/16	8.00	30.00
WP0801607		1/2x3/8	9.52	30.00
WP0801608		1/2x1/2	12.70	30.00
WP0801609		1/2x5/8	16.00	30.00



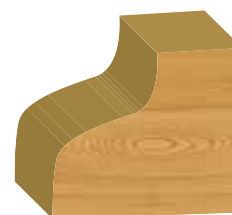
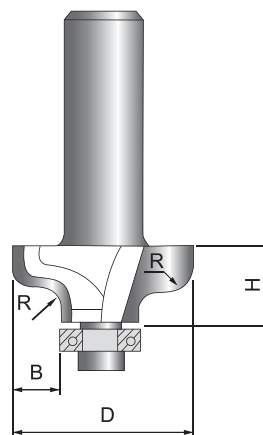
Cove Bit

Part No.	Code	Size(inch)	D (mm)	R(mm)	H(mm)	B(mm)
WP0805801		1/4x1/8	12.7	1.58	6.35	1.58
WP0805802		1/4x3/16	14.26	2.38	6.35	2.38
WP0805803	62812	1/4x1/4	15.86	3.17	6.35	3.17
WP0805804	61550	1/4x5/16	17.42	3.96	6.35	3.96
WP0805805		1/4x3/8	22.22	4.76	7.8	4.76
WP0805806	96029	1/4x1/2	25.4	6.35	9.52	6.35
WP0805807	62244	1/4x5/8	28.62	7.96	10.3	7.96
WP0805808	62245	1/4x3/4	31.74	9.52	12.3	9.52
WP0805809		1/4x7/8	34.9	11.1	14.5	11.1
WP0805810	62246	1/4x1	38.1	12.7	15.8	12.7
WP0805811		1/2x1/4	15.86	3.17	6.35	3.17
WP0805812		1/2x5/16	17.42	3.96	6.35	3.96
WP0805813		1/2x3/8	22.22	4.76	7.8	4.76
WP0805814		1/2x1/2	25.4	6.35	9.52	6.35
WP0805815		1/2x5/8	28.62	7.96	10.3	7.96
WP0805816		1/2x3/4	31.74	9.52	12.3	9.52
WP0805817		1/2x7/8	34.9	11.1	14.5	11.1
WP0805818		1/2x1	38.1	12.7	15.8	12.7
WP0805819		1/2x1-1/8	41.3	14.3	18	14.3
WP0805820		1/2x1-1/4	44.5	15.9	19.4	15.9
WP0805821		1/2x1-3/8	47.6	17.45	21	17.45
WP0805822		1/2x1-1/2	50.8	19.05	22.7	19.05
WP0805823		1/2x1-5/8	53.96	20.63	23.8	20.63
WP0805824		1/2x1-3/4	57.1	22.2	25.37	22.2
WP0805825		1/2x1-7/8	60.32	23.81	26.9	23.81
WP0805826		1/2x2	63.5	25.4	28.5	25.4
WP0805827		1/2x2-1/2	76.2	31.75	33.5	31.75
WP0805828		1/2x3	88.9	38.1	40.1	38.1



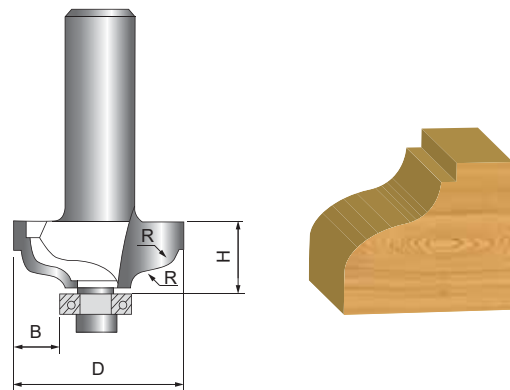
Ogee Bit

Part No.	Code	Size(inch)	D (mm)	R(mm)	H(mm)	B(mm)
WP0806701	96032	1/4x1/2	25.4	3.52	13	6.35
WP0806702	96033	1/4x5/8	28.6	4.59	15.1	7.95
WP0806703	96034	1/4x3/4	31.7	5.74	17.3	9.5
WP0806704		1/4x7/8	34.9	7	19.7	11.1
WP0806705		1/4x1	38.1	8.41	22.3	12.7
WP0806706		1/2x1/2	25.4	3.52	13	6.35
WP0806707		1/2x5/8	28.6	4.59	15.1	7.95
WP0806708		1/2x3/4	31.7	5.74	17.3	9.5
WP0806709		1/2x7/8	34.9	7	19.7	11.1
WP0806710		1/2x1	38.1	8.41	22.3	12.7
WP0806711		1/2x1-1/8	41.5	9.89	25	14.4
WP0806712		1/2x1-1/4	44.5	11.59	28	15.9
WP0806713		1/2x1-1/2	50.8	14.76	33.6	19.05
WP0806714		1/2x1-3/4	57.1	16.37	37.03	22.2
WP0806715		1/2x2	63.7	17.98	40.43	25.5



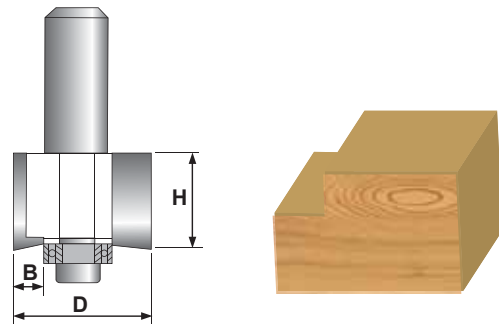
Ogee Fillet Bits

Part No.	Code	Size(inch)	D (mm)	R(mm)	H(mm)	B(mm)
WP0806801		1/4x1/2	25.4	2.38	9.52	6.35
WP0806802		1/4x5/8	28.6	3.17	11.1	7.95
WP0806803		1/4x3/4	31.74	3.96	12.9	9.52
WP0806804		1/4x7/8	34.9	4.76	14.3	11.1
WP0806805	96035	1/4x1	38.1	5.6	15.9	12.7
WP0806806		1/2x1/2	25.4	2.38	9.52	6.35
WP0806807		1/2x5/8	28.6	3.17	11.1	7.95
WP0806808		1/2x3/4	31.74	3.96	12.9	9.52
WP0806809		1/2x7/8	34.9	4.76	14.3	11.1
WP0806810		1/2x1	38.1	5.6	15.9	12.7
WP0806811	96036	1/2x1-1/8	41.26	6.35	17.5	14.28
WP0806812		1/2x1-1/4	44.5	7.14	20.63	15.9
WP0806813		1/2x1-1/2	50.8	8.73	22.2	19.05
WP0806814		1/2x1-5/8	53.94	9.52	24	20.62
WP0806815		1/2x1-3/4	57.1	10.32	25.4	22.2



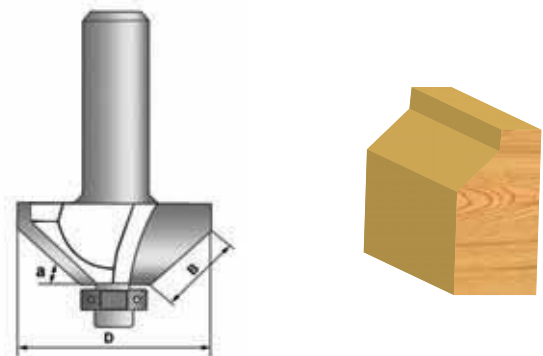
Rabbeting Bit

Part No.	Code	Size(inch)	D (mm)	B (mm)	H (mm)
WPE0201		1/4"x1/2"	9.4	12.7	12.7
WPE0202		1/2"x1/2"	9.4	12.7	12.7
WPE0203		1/2"x9/16"	9.4	14.3	14.3
WPE0204		1/2" X1"	9.4	25.4	25.4



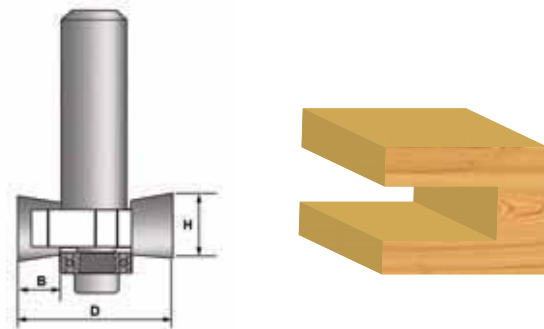
45° Chamfer Bit

Part No.	Code	Size(inch)	D (mm)	α	B (mm)
WPE0601		1/4X3/8	26.6	45°	9.52
WPE0602		1/4X1/2	31	45°	12.7
WPE0603		1/4X5/8	35.5	45°	15.9
WPE0604		1/4X3/4	40	45°	19
WPE0605		1/2X3/8	26.5	45°	9.52
WPE0606		1/2X1/2	31	45°	12.7
WPE0607		1/2X5/8	35.5	45°	15.9
WPE0608		1/2X3/4	40	45°	19.05
WPE0609		1/2X7/8	44.4	45°	22.2
WPE0610		1/2X1	48.9	45°	25.4
WPE0611		1/2X1-1/8	53.4	45°	28.6
WPE0612		1/2X1-1/4	57.9	45°	31.8
WPE0613		1/2X1-3/8	62.4	45°	34.9
WPE0614		1/2X1-1/2	67	45°	38.1



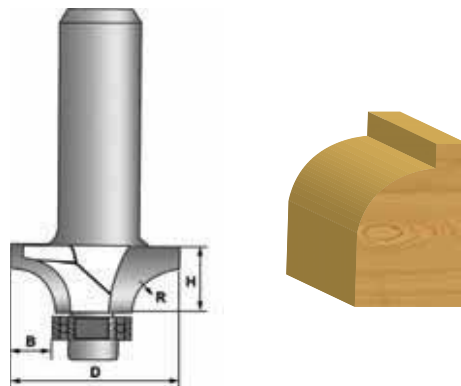
Slot Cutter Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	B (mm)
WPE0301		1/4 x 1/8	32	3.17	9.4
WPE0302		1/4 x 5/32	32	3.96	9.4
WPE0303		1/4 x 3/16	32	4.76	9.4
WPE0304		1/4 x 1/4	32	6.35	9.4
WPE0305		1/4 x 5/16	32	7.96	9.4
WPE0306		1/4 x 3/8	32	9.52	9.4
WPE0307		1/4 x 1/2	32	12.7	9.4
WPE0308		1/2 x 1/8	32	3.17	9.4
WPE0309		1/2 x 5/32	32	3.96	9.4
WPE0310		1/2 x 3/16	32	4.76	9.4
WPE0311		1/2 x 1/4	32	6.35	9.4
WPE0312		1/2 x 5/16	32	7.96	9.4
WPE0313		1/2 x 3/8	32	9.52	9.4
WPE0314		1/2 x 1/2	32	12.7	9.4



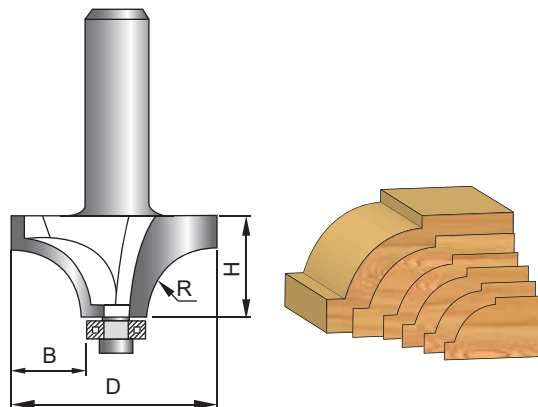
Slot Cutter Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	R (mm)	B (mm)
WPE0701		1/4 x 1/4	19	3.17	3.17	7
WPE0702		1/4 x 5/16	21	3.97	3.97	8
WPE0703		1/4 x 3/8	22.2	4.76	4.76	9
WPE0704		1/4 x 1/2	25.4	6.35	6.35	11
WPE0705		1/4 x 5/8	28.6	7.96	7.96	13
WPE0706		1/4 x 3/4	32	9.52	9.52	16
WPE0707		1/4 x 7/8	35	11.1	11.1	16
WPE0708		1/4 x 1	38.1	12.7	12.7	19
WPE0709		1/2 x 1/4	19	3.17	3.17	7
WPE0710		1/2 x 5/16	21	3.97	3.97	8
WPE0711		1/2 x 3/8	22.2	4.76	4.76	9
WPE0712		1/2 x 1/2	25.4	6.35	6.35	11
WPE0713		1/2 x 5/8	28.6	7.96	7.96	13
WPE0714		1/2 x 3/4	32	9.52	9.52	16



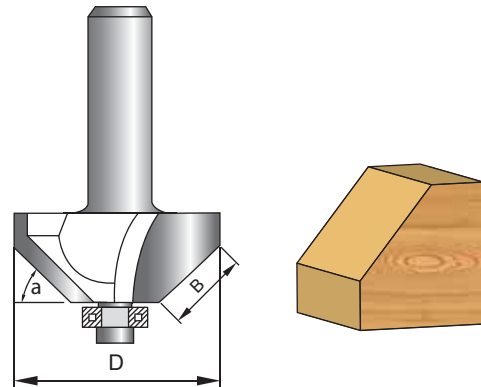
Beading Bit

Part No.	Code	Size(inch)	D (mm)	R(mm)	H(mm)	B(mm)
WP0805201		1/4 x 1/8	15.90	1.58	12.70	3.20
WP0805202		1/4 x 3/16	17.46	2.38	12.70	3.98
WP0805203	66374	1/4 x 1/4	19.05	3.17	6.00	4.77
WP0805204	94571	1/4 x 5/16	20.62	3.96	7.50	5.56
WP0805205	65205	1/4 x 3/8	22.20	4.76	9.00	6.35
WP0805206	66381	1/4 x 1/2	25.40	6.35	10.50	7.95
WP0805207	66376	1/4 x 5/8	28.60	7.96	12.20	9.55
WP0805208	94572	1/4 x 3/4	31.70	9.52	15.90	11.10
WP0805209		1/4 x 7/8	34.90	11.10	17.00	12.70
WP0805210	94566	1/4 x 1	38.10	12.70	18.50	14.30
WP0805211		1/2 x 1/4	19.05	3.17	6.00	4.77
WP0805212		1/2 x 5/16	20.62	3.96	7.50	5.56
WP0805213		1/2 x 3/8	22.20	4.76	9.00	6.35
WP0805214	96025	1/2 x 1/2	25.40	6.35	10.50	7.95
WP0805215	96026	1/2 x 5/8	28.60	7.96	12.20	9.55
WP0805216	61548	1/2 x 3/4	31.70	9.52	15.90	11.10
WP0805217		1/2 x 7/8	34.90	11.10	17.00	12.70
WP0805218	62809	1/2 x 1	38.10	12.70	18.50	14.30
WP0805219		1/2 x 1-1/8	41.30	14.30	20.00	15.90
WP0805220	62811	1/2 x 1-1/4	44.45	15.90	21.50	17.47
WP0805221		1/2 x 1-3/8	47.60	17.45	22.50	19.05
WP0805222	96027	1/2 x 1-1/2	50.80	19.05	24.50	20.65
WP0805223		1/2 x 1-5/8	53.93	20.63	26.00	22.23
WP0805224		1/2 x 1-3/4	57.15	22.20	28.00	23.82
WP0805225		1/2 x 1-7/8	60.32	23.81	29.00	25.40
WP0805226	62249	1/2 x 2	63.50	25.40	31.50	27.00
WP0805227		1/2 x 2-1/8	66.66	26.98	33.00	28.58
WP0805228		1/2 x 2-1/4	69.84	28.57	34.00	30.17
WP0805229		1/2 x 2-3/8	73.02	30.16	36.20	31.75
WP0805230		1/2 x 2-1/2	76.20	31.75	37.50	33.35
WP0805231		1/2 x 2-5/8	79.30	33.33	39.30	34.90
WP0805232		1/2 x 2-3/4	82.55	34.92	41.00	36.52
WP0805233		1/2 x 2-7/8	85.72	36.51	42.60	38.10
WP0805234		1/2 x 3	88.90	38.10	44.00	39.70



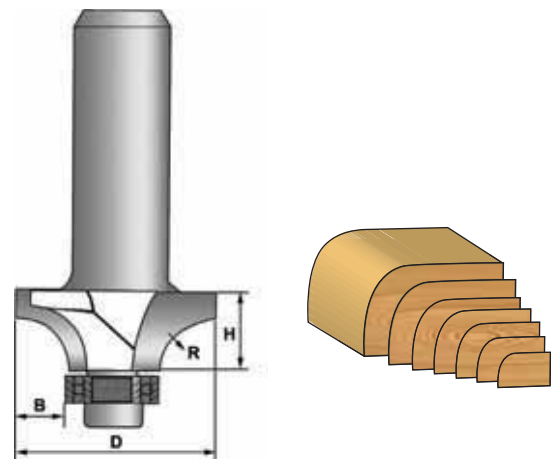
Chamfer Bit 45°

Part No.	Code	Size(inch)	D (mm)	a	B(mm)
WP0801801		1/4 x 1/4	21.98	45°	6.35
WP0801802		1/4 x 5/16	24.25	45°	7.96
WP0801803	94567	1/4 x 3/8	26.50	45°	9.52
WP0801804	94568	1/4 x 1/2	30.96	45°	12.70
WP0801805	94569	1/4 x 5/8	35.50	45°	15.90
WP0801806	94570	1/4 x 3/4	40.00	45°	19.05
WP0801807		1/4 x 7/8	44.40	45°	22.20
WP0801808		1/4 x 1	48.90	45°	25.40
WP0801809		1/2 x 1/4	21.98	45°	6.35
WP0801810		1/2 x 5/16	24.25	45°	7.96
WP0801811		1/2 x 3/8	26.50	45°	9.52
WP0801812		1/2 x 1/2	30.93	45°	12.70
WP0801813		1/2 x 5/8	35.50	45°	15.90
WP0801814		1/2 x 3/4	40.00	45°	19.05
WP0801815		1/2 x 7/8	44.40	45°	22.20
WP0801816		1/2 x 1	48.90	45°	25.40
WP0801817		1/2 x 1-1/8	53.40	45°	28.60
WP0801818		1/2 x 1-1/4	57.90	45°	31.75
WP0801819		1/2 x 1-3/8	62.40	45°	34.90
WP0801820		1/2 x 1-1/2	67.00	45°	38.10
WP0801821		1/2 x 1-5/8	71.37	45°	41.27
WP0801822		1/2 x 1-3/4	75.86	45°	44.45
WP0801823		1/2 x 2	84.84	45°	50.80



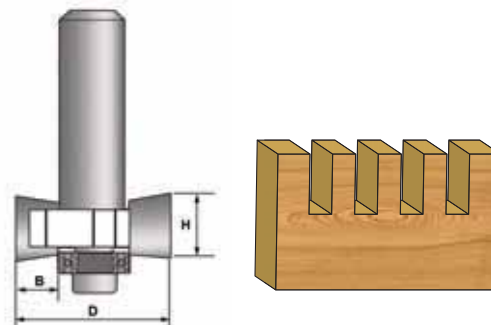
Corner Round Bit

Part No.	Code	Size(inch)	D (mm)	R(mm)	H(mm)	B(mm)
WP0805101		1/4x3/16	14.26	2.38	5.40	2.38
WP0805102		1/4x1/4	15.86	3.17	6.40	3.17
WP0805103	65212	1/4x1/4	19.05	3.17	6.40	3.17
WP0805104		1/4x5/16	20.64	3.97	8.00	3.97
WP0805105	94630	1/4x3/8	22.22	4.76	9.50	4.76
WP0805106	94631	1/4x1/2	25.40	6.35	11.00	6.35
WP0805107	94632	1/4x5/8	28.62	7.96	12.70	7.96
WP0805108		1/4x3/4	31.74	9.52	16.00	9.52
WP0805109		1/4x7/8	34.90	11.10	17.50	11.10
WP0805110	96028	1/4x1	38.10	12.70	19.00	12.70
WP0805111		1/2x3/16	14.26	2.38	5.40	2.38
WP0805112		1/2x1/4	15.86	3.17	6.40	3.17
WP0805113		1/2x5/16	20.64	3.97	8.00	3.97
WP0805114		1/2x3/8	22.22	4.76	9.50	4.76
WP0805115		1/2x1/2	25.40	6.35	11.00	6.35
WP0805116		1/2x5/8	28.62	7.96	12.70	7.96
WP0805117		1/2x3/4	31.74	9.52	16.00	9.52
WP0805118		1/2x7/8	34.90	11.10	17.50	11.10
WP0805119		1/2x1	38.10	12.70	19.00	12.70
WP0805120		1/2x1-1/8	41.28	14.29	20.50	14.29
WP0805121	65218	1/2x1-1/4	44.50	15.90	21.50	15.90
WP0805122		1/2x1-3/8	47.62	17.46	23.00	17.46
WP0805123		1/2x1-1/2	50.80	19.05	25.00	19.05
WP0805124		1/2x1-5/8	53.98	20.64	26.00	20.64
WP0805125		1/2x1-3/4	57.16	22.23	28.00	22.23
WP0805126		1/2x1-7/8	60.32	23.81	29.00	23.81
WP0805127		1/2x2	63.50	25.40	32.00	25.40
WP0805128		1/2x2-1/8	66.66	26.98	33.40	26.98
WP0805129		1/2x2-1/4	69.86	28.58	34.10	28.58
WP0805130		1/2x2-3/8	73.02	30.16	36.70	30.16
WP0805131		1/2x2-1/2	76.20	31.75	38.00	31.75
WP0805132		1/2x2-5/8	79.36	33.33	39.80	33.33
WP0805133		1/2x2-3/4	82.56	34.93	41.50	34.93
WP0805134		1/2x2-7/8	85.72	36.51	43.10	36.51
WP0805135		1/2x3	88.90	38.10	44.00	38.10



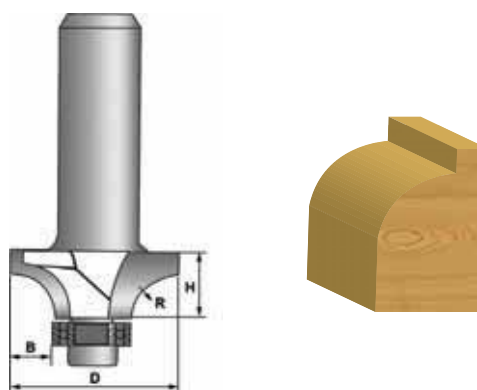
T Type Bit with Bearing

Part No.	Code	Size(inch)	D (mm)	H(mm)	B(mm)
WP0814401		1/4 x 5/64	31.75	1.98	9.52
WP0814402		1/4 x 3/32	31.75	2.38	9.52
WP0814403	94604	1/4 x 1/8	31.75	3.17	9.52
WP0814404	94606	1/4 x 5/32	31.75	3.96	9.52
WP0814405	65206	1/4 x 3/16	31.75	4.76	9.52
WP0814406	65207	1/4 x 1/4	31.75	6.35	9.52
WP0814407	94607	1/4 x 5/16	31.75	7.96	9.52
WP0814408	94608	1/4 x 3/8	31.75	9.52	9.52
WP0814409	66377	1/4 x 1/2	31.75	12.70	9.52
WP0814410		1/2 x 5/46	31.75	1.98	9.52
WP0814411		1/2 x 3/32	31.75	2.38	9.52
WP0814412		1/2 x 1/8	31.75	3.17	9.52
WP0814413		1/2 x 5/32	31.75	3.96	9.52
WP0814414		1/2 x 3/16	31.75	4.76	9.52
WP0814415		1/2 x 1/4	31.75	6.35	9.52
WP0814416		1/2 x 5/16	31.75	7.96	9.52
WP0814417	66378	1/2 x 3/8	31.75	9.52	9.52
WP0814418	94609	1/2 x 1/2	31.75	12.70	9.52
WP0814419		1/2 x 5/8	31.75	15.90	9.52
WP0814420		1/2 x 3/4	31.75	19.05	9.52
WP0814421		1/2 x 7/8	31.75	22.20	9.52
WP0814422		1/2 x 1	31.75	25.40	9.52



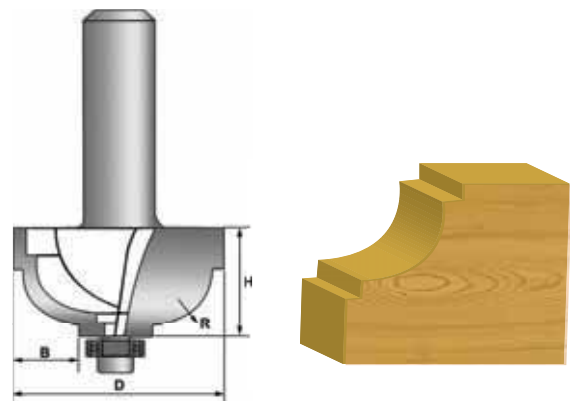
Slot Cutter Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	R (mm)	B (mm)
WPE0715		1/2 x 7/8	35	11.1	11.1	16
WPE0716		1/2 x 1	38	12.7	12.7	19
WPE0717		1/2 x 1-1/8	41.5	14.3	14.3	20
WPE0718		1/2 x 1-1/4	44.9	15.9	15.9	22
WPE0719		1/2 x 1-3/8	47.9	17.5	17.5	23
WPE0720		1/2 x 1-1/2	51.3	19	19	25
WPE0721		1/2 x 1-5/8	54.3	20.6	20.6	26
WPE0722		1/2 x 1-3/4	57.5	22.2	22.2	28
WPE0723		1/2 x 1-7/8	60.8	23.8	23.8	30
WPE0724		1/2 x 2	63.8	25.4	25.4	32
WPE0725		1/2 x 2-1/4	70.2	28.6	28.6	35
WPE0726		1/2 x 2-1/2	76.5	31.8	31.8	38
WPE0727		1/2 x 2-3/4	83.1	34.9	34.9	41
WPE0728		1/2 x 3	89.2	38.1	38.1	45



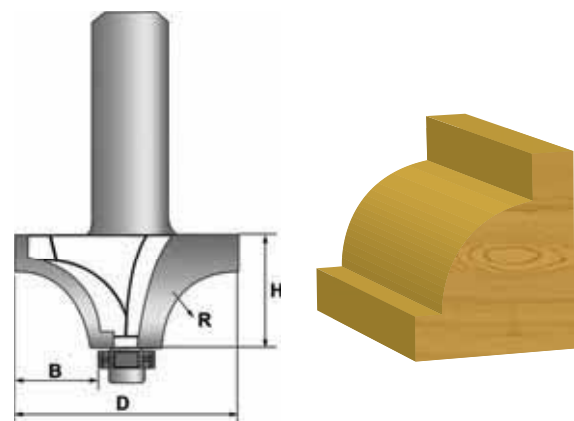
Classical Cove Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	R (mm)	B (mm)
WP0805901	66371	1/4x1/4	22.20	9.50	3.17	6.35
WP0805902		1/4x5/16	23.80	10.40	3.95	7.15
WP0805903	63800	1/4x3/8	25.40	12.70	4.76	7.95
WP0805904	63801	1/4x1/2	28.60	14.30	6.35	9.55
WP0805905	94578	1/4x5/8	31.70	15.50	7.96	11.10
WP0805906		1/4x3/4	34.90	17.00	9.52	12.70
WP0805907		1/4x7/8	38.10	18.50	11.10	14.30
WP0805908		1/2x1/4	22.20	9.50	3.17	6.35
WP0805909		1/2x5/16	23.80	10.40	3.95	7.15
WP0805910		1/2x3/8	25.40	12.70	4.76	7.95
WP0805911		1/2x1/2	28.60	14.30	6.35	9.55
WP0805912		1/2x5/8	31.70	15.50	7.96	11.10
WP0805913		1/2x3/4	34.90	17.00	9.52	12.70
WP0805914		1/2x7/8	38.10	18.50	11.10	14.30
WP0805915		1/2x1	41.24	20.00	12.70	15.87
WP0805916		1/2x1-1/8	44.50	21.50	14.30	17.47
WP0805917		1/2x1-1/4	47.60	23.20	15.90	19.05
WP0805918		1/2x1-3/8	50.80	24.80	17.45	20.65
WP0805919		1/2x1-1/2	53.94	26.50	19.05	22.22
WP0805920		1/2x1-3/4	60.24	29.50	22.20	25.37
WP0805921		1/2x2	66.64	32.50	25.40	28.57



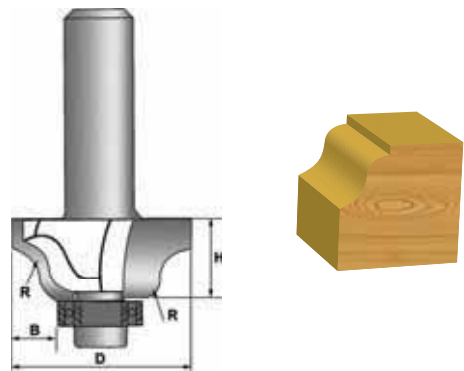
Classical Cove Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	R (mm)	B (mm)
WPE0901		1/4 x 1/4	19.0	6.5	3.17	5.0
WPE0902		1/4 x 5/16	21.0	7.5	3.96	5.8
WPE0903		1/4 x 3/8	22.2	8.5	4.76	6.6
WPE0904		1/4 x 1/2	25.4	10.5	6.35	8.2
WPE0905		1/4 x 5/8	28.6	12.5	7.96	9.8
WPE0906		1/4 x 3/4	32.0	15.5	9.52	11.3
WPE0907		1/4 x 7/8	35.0	15.5	11.1	12.9
WPE0908		1/4 x 1	38.1	18.5	12.7	14.5
WPE0909		1/2 x 1/4	19.0	6.5	3.17	5.0
WPE0910		1/2 x 5/16	21.0	7.5	3.96	5.8
WPE0911		1/2 x 3/8	22.2	8.5	4.76	6.6
WPE0912		1/2 x 1/2	25.4	10.5	6.35	8.2
WPE0913		1/2 x 5/8	28.6	12.5	7.96	9.8
WPE0914		1/2 x 3/4	32.0	15.5	9.52	11.3
WPE0915		1/2 x 7/8	35.0	15.5	11.1	12.9
WPE0916		1/2 x 1	38.1	18.5	12.7	14.5
WPE0917		1/2 x 1-1/8	41.3	19.5	14.3	16.1
WPE0918		1/2 x 1-1/4	44.4	21.5	15.9	17.7
WPE0919		1/2 x 1-3/8	47.6	22.5	17.4	19.3
WPE0920		1/2 x 1-1/2	50.8	24.5	19	20.9
WPE0921		1/2 x 1-5/8	53.9	25.5	20.6	22.4
WPE0922		1/2 x 1-3/4	57.1	27.5	22.2	24.0
WPE0923		1/2 x 1-7/8	60.3	29.5	23.8	25.6
WPE0924		1/2 x 2	63.5	31.5	25.4	27.2
WPE0925		1/2 x 2-1/4	69.8	34.5	28.6	30.4
WPE0926		1/2 x 2-1/2	76.2	37.5	31.8	33.6
WPE0927		1/2 x 2-3/4	82.6	40.5	34.9	36.7
WPE0928		1/2 x 3	88.9	44.5	38.1	39.9



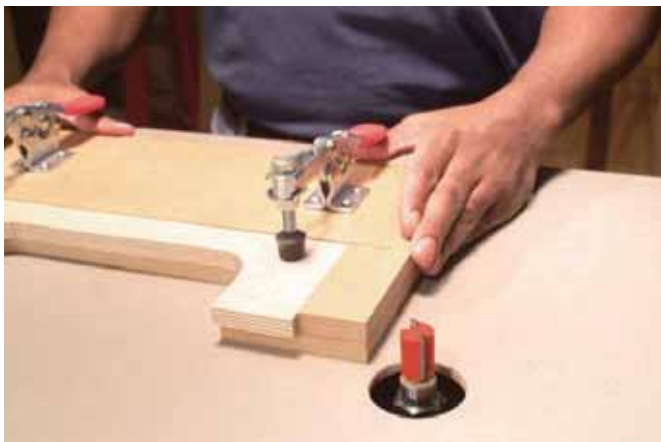
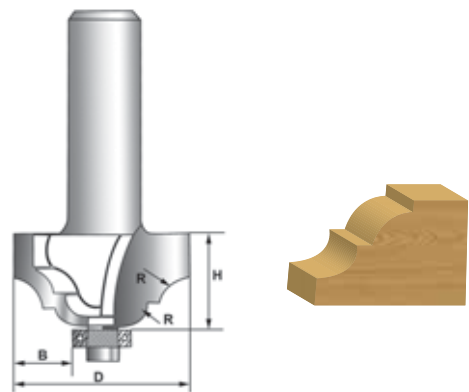
Roman Ogee Bit With Bearing

Part No.	Code	Size(inch)	D (mm)	H(mm)	R (mm)	B (mm)
WP0806401		1/4x3/8	22.20	8.00	2.38	4.76
WP0806402	94628	1/4x1/2	25.40	9.70	3.17	6.35
WP0806403		1/4x5/8	28.60	11.50	3.96	7.95
WP0806404	65208	1/4x3/4	31.74	14.00	4.76	9.52
WP0806405	94629	1/4x7/8	34.90	15.70	5.60	11.10
WP0806406	96030	1/4x1	38.10	18.20	6.35	12.70
WP0806407		1/2x3/8	22.22	8.00	2.38	4.76
WP0806408		1/2x1/2	25.40	9.70	3.17	6.35
WP0806409		1/2x5/8	28.60	11.50	3.96	7.95
WP0806410		1/2x3/4	31.74	14.00	4.76	9.52
WP0806411		1/2x7/8	34.90	15.70	5.60	11.10
WP0806412		1/2x1	38.10	18.20	6.35	12.70
WP0806413		1/2x1-1/8	41.30	18.70	7.14	14.30
WP0806414		1/2x1-1/4	44.50	22.20	7.95	15.90
WP0806415		1/2x1-3/8	47.62	23.46	8.73	17.46
WP0806416		1/2x1-1/2	50.80	25.50	9.52	19.05
WP0806417		1/2x1-5/8	53.96	27.00	10.31	20.63
WP0806418		1/2x1-3/4	57.10	28.30	11.10	22.20
WP0806419		1/2x2	63.50	31.80	12.70	25.40
WP0806420		1/2x2-1/2	72.60	38.00	15.80	31.75
WP0806421		1/2x3	88.90	44.00	19.05	38.10



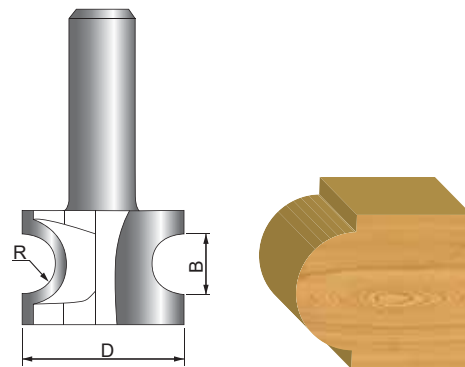
Double Roman Ogee Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	R (mm)	B (mm)
WP0807001	94580	1/4x1/2	22.20	11.30	3.17	6.35
WP0807002		1/4x5/8	25.40	12.90	3.96	7.95
WP0807003		1/4x3/4	28.54	14.50	4.76	9.52
WP0807004	94581	1/4x7/8	31.70	16.10	5.55	11.10
WP0807005	94582	1/4x1	34.90	17.70	6.35	12.70
WP0807006		1/2x1/2	22.20	11.30	3.17	6.35
WP0807007		1/2x5/8	25.40	12.90	3.96	7.95
WP0807008		1/2x3/4	28.54	14.50	4.76	9.52
WP0807009		1/2x7/8	31.70	16.10	5.55	11.10
WP0807010		1/2x1	34.90	17.70	6.35	12.70
WP0807011		1/2x1-1/8	38.10	19.30	7.14	14.30
WP0807012		1/2x1-1/4	41.30	22.20	7.96	15.90
WP0807013		1/2x1-1/2	47.60	25.40	9.52	19.05
WP0807014		1/2x2	60.30	31.75	12.70	25.40



Half Round Bit

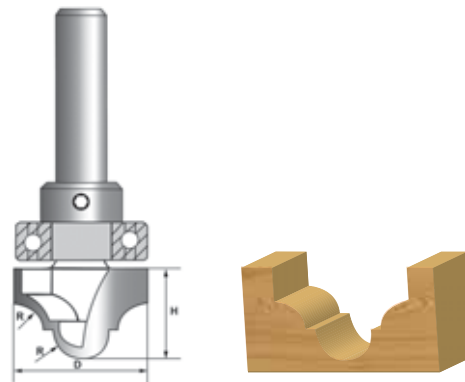
Part No.	Code	Size(inch)	D (mm)	R(mm)	B(mm)
YS0805501	96037	1/4x1/4	23.4	3.17	6.35
YS0805502	96038	1/4x5/16	25	3.96	7.93
YS0805503	96039	1/4x3/8	26.5	4.76	9.52
YS0805504	96040	1/4x1/2	29.5	6.35	12.7
YS0805505	96041	1/4x5/8	33	7.96	15.9
YS0805506		1/4x3/4	36	9.52	19.05
YS0805507		1/4x7/8	39.2	11.1	22.2
YS0805508		1/4x1	42.4	12.7	25.4
YS0805509		1/2x1/4	23.4	3.17	6.35
YS0805510		1/2x5/16	25	3.96	7.93
YS0805511		1/2x3/8	26.5	4.76	9.52
YS0805512		1/2x1/2	29.5	6.35	12.7
YS0805513		1/2x5/8	33	7.96	15.9
YS0805514		1/2x3/4	36	9.52	19.05
YS0805515		1/2x7/8	39.2	11.1	22.2
YS0805516		1/2x1	42.4	12.7	25.4
YS0805517		1/2x1-1/8	45.5	14.3	28.6
YS0805518		1/2x1-1/4	48.7	15.9	31.75
YS0805519		1/2x1-3/8	51.9	17.45	34.9
YS0805520		1/2x1-1/2	55.1	19.05	38.1
YS0805521		1/2x1-5/8	58.28	20.64	41.28
YS0805522		1/2x1-3/4	61.5	22.2	44.45
YS0805523		1/2x2	68.8	25.4	50.8



330-011

Bearing Shank Double Roman Ogee Bit

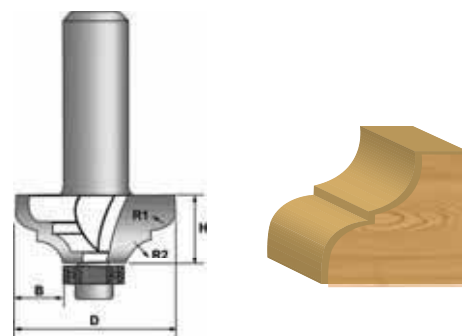
Part No.	Code	Size(inch)	D (mm)	H(mm)	R (mm)	B (mm)
WP0807201		1/4X1/2	19.05	11.10	3.17	1/4x3/4
WP0807202		1/4X5/8	22.20	13.00	3.96	1/4x7/8
WP0807203		1/4X3/4	26.00	14.30	4.76	10x26x8
WP0807204		1/4X7/8	28.00	15.00	5.55	12x28x8
WP0807205		1/2X1/2	19.05	11.10	3.17	1/2x3/4
WP0807206		1/2X5/8	22.20	13.00	3.96	1/2x7/8
WP0807207		1/2X3/4	26.00	14.30	4.76	17x26x5
WP0807208		1/2X7/8	28.00	15.00	5.55	15x28x7



Shank: $\Phi 1/4"$, $\Phi 1/2"$, $\Phi 6\text{mm}$, $\Phi 8\text{mm}$, $\Phi 12\text{mm}$

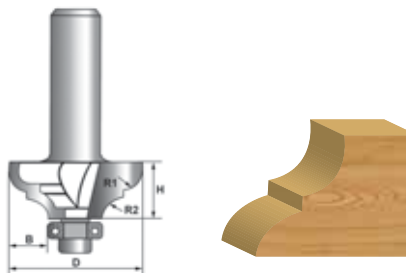
Classical Ogee Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	R1 (mm)	R2 (mm)	B(mm)
WP0807501		1/4x3/4	31.74	12.70	3.17	6.35	9.52
WP0807502		1/4x7/8	34.90	14.28	3.96	7.14	11.10
WP0807503		1/4x1	38.10	15.90	4.76	7.93	12.70
WP0807504		1/2x3/4	31.74	12.70	3.17	6.35	9.52
WP0807505		1/2x7/8	34.90	14.28	3.96	7.14	11.10
WP0807506		1/2x1	38.10	15.90	4.76	7.93	12.70
WP0807507		1/2x1-1/8	41.24	17.40	5.55	8.72	14.27
WP0807508		1/2x1-1/4	44.44	19.04	6.35	9.52	15.87
WP0807509		1/2x1-3/8	47.60	20.62	7.14	10.31	17.45
WP0807510		1/2x1-1/2	50.82	22.23	7.96	11.10	19.06
WP0807511		1/2x1-3/4	57.10	25.39	9.52	12.70	22.20



Classical Ogee Bit

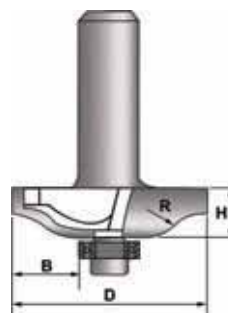
Part No.	Code	Size(inch)	D (mm)	H(mm)	R1 (mm)	R2 (mm)	B(mm)
WP0807401	63802	1/4x1/2	25.40	12.70	3.17	3.17	6.35
WP0807402		1/4x5/8	28.60	12.70	3.96	3.96	7.95
WP0807403	63803	1/4x3/4	31.80	15.90	4.76	4.76	9.55
WP0807404		1/4x13/16	33.30	15.90	5.15	5.15	10.30
WP0807405		1/4x7/8	34.90	17.46	6.35	4.76	11.10
WP0807406	94579	1/4x1	38.10	17.70	6.35	6.35	12.70
WP0807407		1/2x1/2	25.40	12.70	3.17	3.17	6.35
WP0807408		1/2x5/8	28.60	12.70	3.96	3.96	7.95
WP0807409		1/2x3/4	31.80	15.90	4.76	4.76	9.55
WP0807410		1/2x13/16	33.30	15.90	5.15	5.15	10.30
WP0807411		1/2x7/8	34.90	17.46	6.35	4.76	11.10
WP0807412		1/2x1	38.10	17.70	6.35	6.35	12.70
WP0807413		1/2x1-1/4	44.50	20.00	7.95	7.95	15.90



Shank: Φ 1/4", Φ 1/2", Φ 6mm, Φ 8mm, Φ 12mm

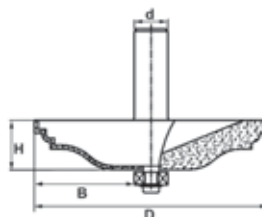
Classical Ogee Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	R (mm)	B(mm)
WP0812001		1/4x3/8	31.74	9.50	5.95	9.52
WP0812002		1/4x1/2	38.10	11.10	7.94	12.70
WP0812003		1/4x3/4	50.80	15.90	12.70	19.05
WP0812004		1/2x3/8	31.74	9.50	5.95	9.52
WP0812005		1/2x1/2	38.10	11.10	7.94	12.70
WP0812006		1/2x5/8	44.40	12.70	11.10	15.87
WP0812007		1/2x3/4	50.80	15.90	12.70	19.05
WP0812008		1/2x7/8	57.10	15.90	15.90	22.20
WP0812009		1/2x1	63.50	15.90	15.90	25.40
WP0812010		1/2x1-1/16	66.60	15.90	17.46	26.95
WP0812011		1/2x1-1/8	69.90	15.90	19.05	28.60
WP0812012		1/2x1-1/4	76.20	15.90	19.05	31.75
WP0812013		1/2x1-7/16	85.70	15.90	22.20	36.50
WP0812014		1/2x1-1/2	88.90	15.90	22.20	38.10
WP0812015		1/2x1-1/2	89.00	19.00	15.90	38.10



Roman Classical Bits(1#)

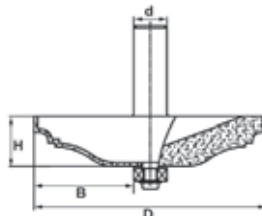
Part No.	Code	Size(inch)	D (mm)	d (mm)	B (mm)	H (mm)
WPE37W1	0000	1/2" X 1"	67	12.7	27	15
WPE37W5	0000	1/2" X 1-1/2"	89	12.7	38	19



1#

Roman Classical Bits(2#)

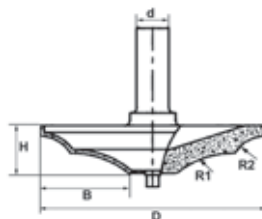
Part No.	Code	Size(inch)	D (mm)	d (mm)	B (mm)	H (mm)
WPE37W2	0000	1/2" X 1"	67	12.7	27	15
WPE37W6	0000	1/2" X 1-1/2"	89	12.7	38	19



2#

Roman Classical Bits(3#)

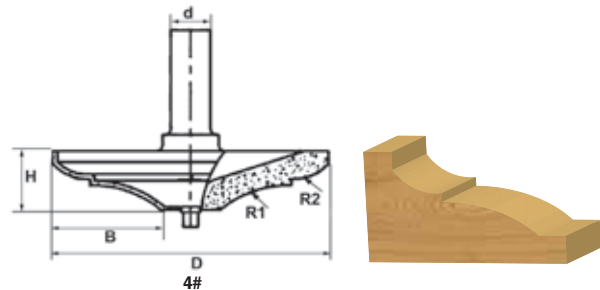
Part No.	Code	Size(inch)	D (mm)	d (mm)	B (mm)	H (mm)	R1(mm)	R2(mm)
WPE37W3	0000	1/2" X 1-1/2"	89	12.7	35	19	35	15



3#

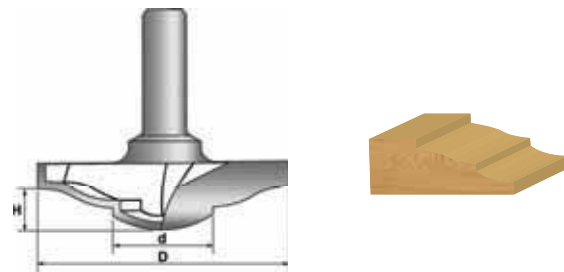
Roman Classical Bits(4#)

Part No.	Code	Size(inch)	D (mm)	d (mm)	B (mm)	H (mm)	R1(mm)	R2(mm)
WPE37W4	0000	1/2" X 1-1/2"	89	12.7	35	19	35	15



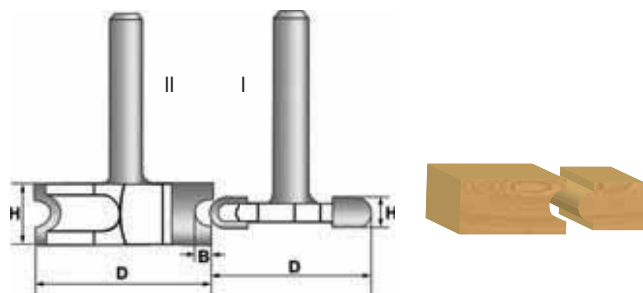
Classical Plunge Bit

Part No.	Code	Size(inch)	D (mm)	d(mm)	H (mm)
WP0822701		1/2x1-1/4	31.80	5.00	6.5
WP0822702		1/2x1-3/8	34.90	6.00	7
WP0822703		1/2x1-1/2	38.10	7.00	7
WP0822704		1/2x2	50.80	8.00	8.5
WP0822705		1/2x2-1/2	63.50	8.00	8.5
WP0822706		1/2x3	76.20	8.00	10
WP0822707		1/2x3-3/16	80.90	10.00	11
WP0822708		1/2x3-3/4	95.20	10.00	11



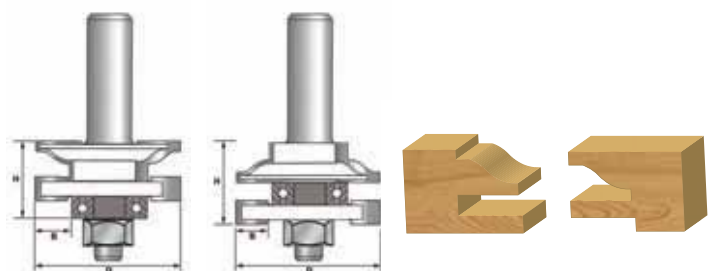
Bead & Flute Bit Set

Part No.	Code	Size(inch)	D (mm)	H(mm)	B (mm)
WP0814901		1/4x1/4- I	38.10	6.35	3.17
WP0814902		1/4x1/4- II	38.10	14.00	3.17
WP0814903		1/4x5/16- I	38.10	7.92	3.96
WP0814904		1/4x5/16- II	38.10	15.90	3.96
WP0814905		1/2x1/4- I	38.10	6.35	3.17
WP0814906		1/2x1/4- II	38.10	14.00	3.17
WP0814907		1/2x5/16- I	38.10	7.92	3.96
WP0814908		1/2x5/16- II	38.10	15.90	3.96
WP0814909		1/2x3/8- I	38.10	9.52	4.76
WP0814910		1/2x3/8- II	38.10	19.05	4.76
WP0814911		1/2x1/2- I	38.10	12.70	6.35
WP0814912		1/2x1/2- II	38.10	25.40	6.35
WP0814913		1/2x5/8- I	38.10	15.90	7.92
WP0814914		1/2x5/8- II	38.10	31.80	7.92
WP0814915		1/2x3/4- I	41.30	19.05	9.52
WP0814916		1/2x3/4- II	41.30	38.10	9.52
WP0814917		1/2x7/8- I	44.45	22.20	11.10
WP0814918		1/2x7/8- II	44.45	44.45	11.10



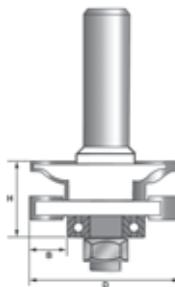
Stile & Rall Set-ogee Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	B (mm)
WP0816001		1/2x5/16- I	32.00	19.00	8.00
WP0816002		1/2x5/16- II	32.00	19.00	8.00
WP0816003		1/2x3/8- I	41.00	25.40	9.50
WP0816004		1/2x3/8- II	41.00	25.40	9.50
WP0816005		1/2x7/16- I	44.50	24.00	11.25
WP0816006		1/2x7/16- II	44.50	24.00	11.25



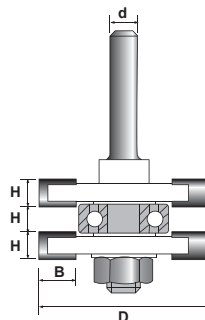
Stile & Rail Set-ogee Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	B (mm)
WP0816901		1/4x3/8	41.00	23.80	9.50
WP0816902		1/2x3/8	41.00	23.80	9.50
WP0816903		1/2x42mm	42.00	22.00	13.00



Tongue & Groove Assembly Bit

Part No.	Code	Size(inch)	D (mm)	H(mm)	B (mm)
WP0818001	96074	1/4x3/8	41.00	6.35	9.5
WP0818002	96075	1/2x3/8	41.00	6.35	9.5
WP0818003	96076	1/2x1/2	47.6	6.35	12.8



Router Bit Bearing

Part No.	Code	D (mm)	D (inch)	d (mm)	d (inch)	Thickness (mm)
WP0835001	00000	6.00		3.00		2.50
WP0835002		6.35	1/4	3.20	1/8	2.80
WP0835003		7.94	5/16	3.20	1/8	3.50
WP0835004		8.00		3.00		4.00
WP0835005		9.00		4.00		4.00
WP0835006		9.00		5.00		3.00
WP0835007		9.52	3/8	4.76	3/16	3.00
WP0835008		10.00		5.00		4.00
WP0835009		12.00		4.00		4.00
WP0835010		12.70	1/2	4.76	3/16	5.00
WP0835011		13.00		5.00		4.00
WP0835012		14.00		5.00		5.00
WP0835013		15.00		6.00		5.00
WP0835014		15.90	5/8	6.35	1/4	5.00
WP0835015		16.00		5.00		5.00
WP0835016		16.00		8.00		5.00
WP0835017		19.00		6.00		6.00
WP0835018		19.00		8.00		6.00
WP0835019		19.05	3/4	6.35	1/4	7.00
WP0835020		19.05	3/4	12.70	1/2	5.00
WP0835021		22.00		8.00		7.00
WP0835022		22.20	7/8	6.35	1/4	7.00
WP0835023		24.00		8.00		8.00
WP0835024		21.00		12.00		5.00
WP0835025		24.00		12.00		6.00
WP0835026		25.40	1	12.70	1/2	6.00
WP0835027		28.00		8.00		8.00
WP0835028		28.00		12.00		8.00
WP0835029		28.60	1-1/8	12.70	1/2	8.00
WP0835030		31.80	1-1/4	12.70	1/2	10.00
WP0835031		32.00		12.00		10.00
WP0835032		34.90	1-3/8	12.70	1/2	8.00
WP0835033		35.00		15.00		11.00
WP0835034		35.00		17.00		8.00
WP0835035		37.00		12.00		12.00
WP0835036		38.10	1-1/2	12.70	1/2	8.50
WP0835037		42.00		17.00		12.00
WP0835038		47.00		20.00		14.00
WP0835039		52.00		28.00		12.00
WP0835040		55.00		30.00		13.00



WP0835

Router Bit Nail Allen Key



Size:2.5mm

Router Bit Nail



Size:M3X8

Shaft Sleeve



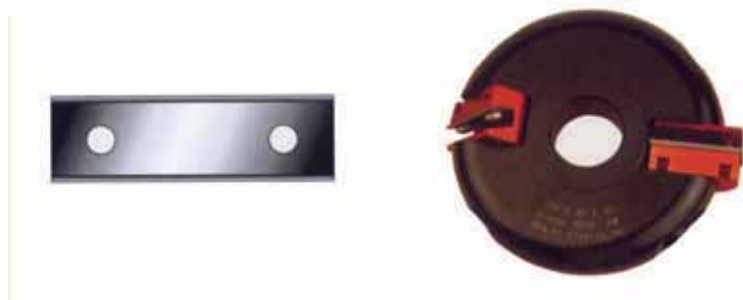
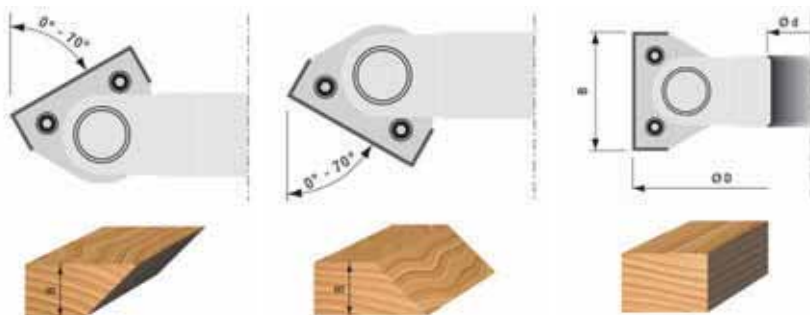
Part No.	Size(mm)
WP834905	6×1/2
WP834906	8×10
WP834907	8×12
WP834908	8×1/2
WP834901	6.35×9.7
WP834902	6.35×12.7
WP834903	6×10
WP834904	6×12

ALUMINIUM KNIVES



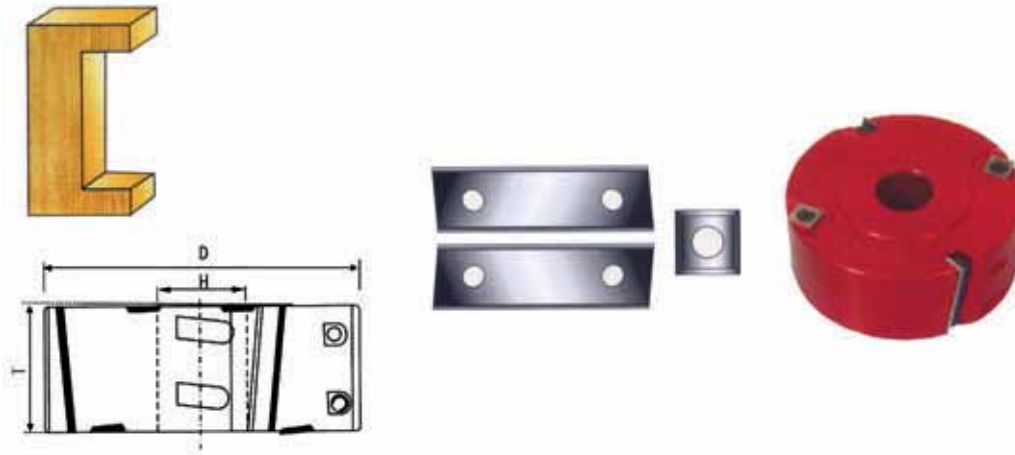
Adjustable Bevel Cutter Head With Reversible Knives

Part No.	Cutting Dia.	Cutting Thickness	Arbor	Angle	Teeth	Rpm	Knives	
	D(mm)	B(mm)	d(mm)			Min/max	Part No.	Size(mm)
WP0101	160	50	30	0°-90°×7.5°	2	4800-7000	4012015	10×12×1.5
WP0102	120	40	30	0°-90°×7.5°	2	5000-9000	5012020	50×12×2.0



Rebate Cutter Head With Reversible Beveled Knives

Part No.	Cutting Dia.	Cutting Thickness	Arbor	Teeth	rpm	Knives	
	D(mm)	T(mm)				H(mm)	Min/max
WP0201	125	50	30	2/2+2	6100-10000	5012015	50×12×1.5
						1414020	14×14×2.0



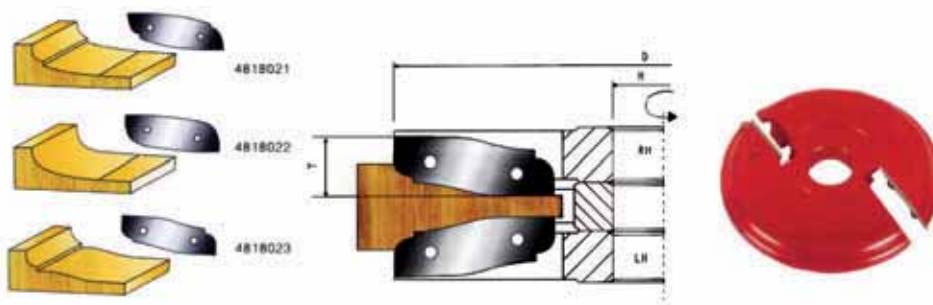
Gear Control Adjustable Bevel Cutter Head With Reversible Knives

Part No.	Cutting Dia.	Cutting Thickness	Arbor	Angle	Teeth	Rpm	Knives	
	D(mm)	T(mm)					H(mm)	Min/max
WP0301	160	50	30	0°-90°	2	4800-7000	18180195	18×18×1.95



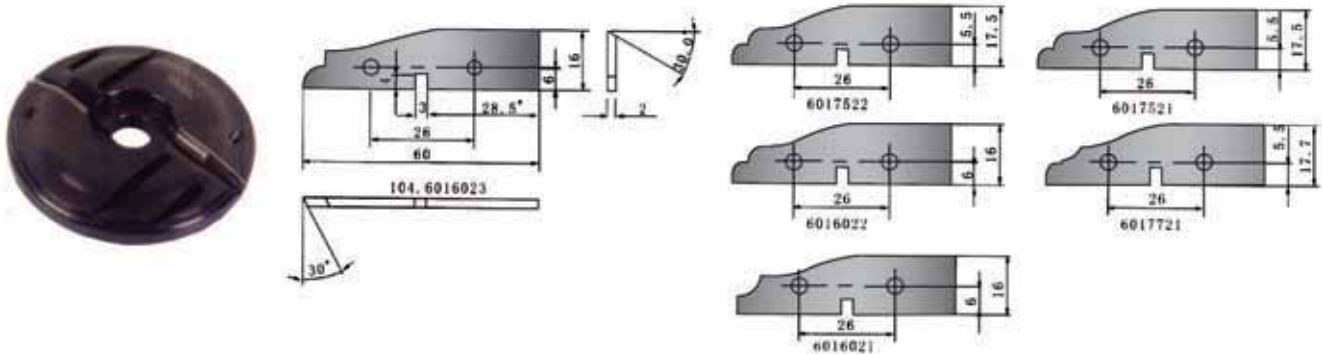
Raised Cutter Head With Reversible Knives

Part No.	Cutting Dia.	Cutting Thickness	Arbor	Teeth	rpm	Knives	
	D(mm)	T(mm)				H(mm)	Min/max
WP0701	160	20	30	2	4800-7000	4818021	48×18×2.0
4818022						48×18×2.0	
WP0702	150	20	30	2	5000-9200	4818023	48×18×2.0



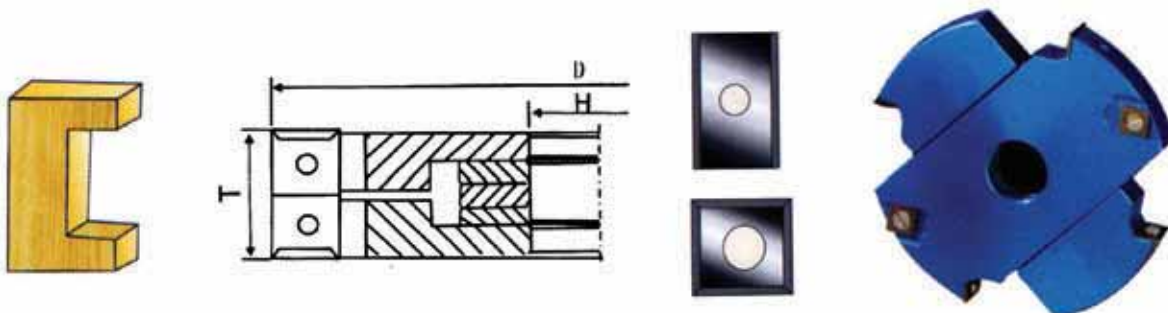
Panel Cutter Head With Changeable Knives

Part No.	Cutting Dia.	Cutting Thickness	Arbor	Teeth	rpm	Knives	
	D(mm)	T(mm)	H(mm)		Min/max	Part No.	Size(mm)
WP0801	180	25	30	2	4800-7000	6016021	60×16×2.0
						6016022	60×16×2.0
						6016023	60×16×2.0
						6017521	60×17.5×2.0
						6017522	60×17.5×2.0
						6017721	60×17.5×2.0



Adjustable Slotting Cutter Head

Part No.	Cutting Dia.	Cutting Thickness	Arbor	Teeth	rpm	Knives	
	D(mm)	T(mm)	H(mm)		Min/max	Part No.	Size(mm)
WP0901	140	14/28	30	2+2/2+2	5000-8000	1220015	12×20×1.5
WP0902	150	14/28	30	2+2/2+2	5000-8000		
WP0903	150	20/39	30	2+2/2+2	5000-8000	141402	14×14×2.0
WP0904	170	20/39	30	2+2/2+2	5000-8000		



T.C.T SHAPER CUTTER



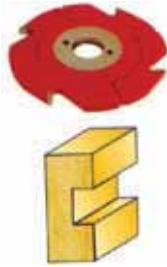
Slot Cutter



Adjustable Slotting Cutter Head

Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP04013	125	3	30-40	6
WP04014	125	4	30-40	6
WP04016	125	6	30-40	6
WP04018	125	8	30-40	6
WP040110	125	10	30-40	6
WP040112	125	12	30-40	6

Adjustable Slotting Cutter



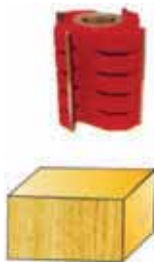
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP04024	125	4-7.5	30-40	4
WP04026	125	6-11.5	30-40	4
WP0402115	160	6-11.5	30-40	4
WP040210	160	10-19.5	30-40	4

Adjustable Slotting Cutter (With Corner Finish Blade)



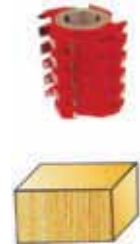
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth	Corner Blade
	D(mm)	T(mm)	F(mm)	Z	V
WP04036	160	6-11.5	30-40	4	4
WP04038	160	8-15.5	30-40	4	4
WP040310	160	10-19.5	30-40	4	4

Straight Cutter



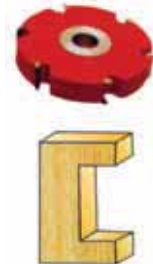
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP04049050	90	50	30-40	4
WP04049080	90	80	30-40	4
WP04049010	90	100	30-40	4
WP04041250	125	50	30-40	4
WP04041280	125	80	30-40	4
WP04041210	125	100	30-40	4

Spiral Planer Cutter



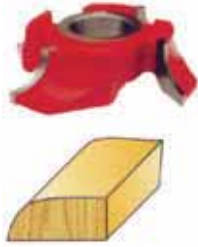
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP04059080	90	80	30-40	4
WP04059010	90	100	30-40	4
WP04059012	90	125	30-40	4
WP04051280	125	80	30-40	4
WP04051210	125	100	30-40	4
WP04051212	125	125	30-40	4

Planer Cutter (With Corner Finish Blade)



Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth	Corner Blade
	D(mm)	T(mm)	F(mm)	Z	V
WP04069050	90	50	30-40	4	4
WP04069080	90	80	30-40	4	4
WP04061250	120	50	30-40	4	4
WP04061280	120	80	30-40	4	4

Corner Rounding Cutter



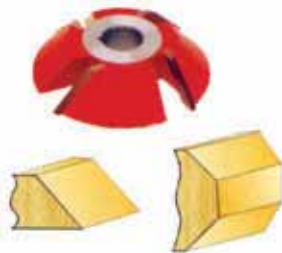
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP04075	100	5	30-40	4
WP04078	106	8	30-40	4
WP040710	110	10	30-40	4
WP0407125	115	12.5	30-40	4

Anti-Half Round Cutter



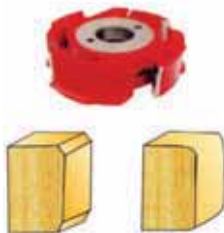
Part No.	Knives Dia.	Radii	Arbor	Teeth
	D(mm)	R(mm)	F(mm)	Z
WP040095	160	5	30-40	4
WP04096	160	6	30-40	4
WP04097	160	7	30-40	4
WP04098	160	8	30-40	4

45° Chamfer Cutter



Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP041015	120	15	30-40	4(2)
WP041020	130	20	30-40	4(2)
WP041025	140	25	30-40	4(2)
WP041030	150	30	30-40	4(2)
WP041035	160	35	30-40	4(2)

Cove Cutter Set



Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP041110	120	10-20	30-40	4
WP041120	120	20-40	30-40	4
WP041140	120	40-80	30-40	4

Classical Multi-Form Cutter



Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP041230	115	30	30-40	4(2)
WP041240	120	40	30-40	4(2)
WP041245	128	45	30-40	4(2)
WP041250	138	50	30-40	4(2)
WP041260	160	60	30-40	4(2)

Table Edge Cutter



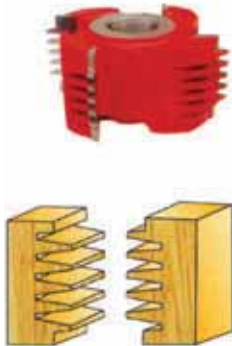
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP04138625	186	25	30-40	4
WP04139625	196	25	30-40	4
WP04138628	186	28	30-40	4
WP04139628	196	28	30-40	4

"V" Grooving Cutter



Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP041410	160	10	30-40	4-16
WP041412	160	12	30-40	4-16
WP041415	160	15	30-40	4-16
WP041420	160	20	30-40	4-16
WP041425	160	25	30-40	4-16

Finger Joint Cutter



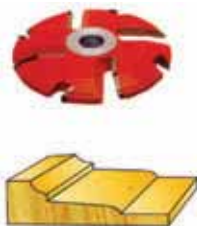
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth	Finger
	D(mm)	T(mm)	F(mm)	Z	B
WP041510	114	10-20	30-40	4	1
WP041520	114	20-35	30-40	4	2
WP041530	114	30-40	30-40	4	3
WP041535	114	35-45	30-40	4	4
WP041540	114	40-55	30-40	4	5
WP041555	114	55-70	30-40	4	6
WP041565	114	65-80	30-40	4	7
WP041575	114	75-90	30-40	4	8

45° Lock Miter Cutter



Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth	Finger
	D(mm)	T(mm)	F(mm)	Z	B
WP041622	140	22	30-40	3	1
WP041630	150	30	30-40	3	1
WP041640	160	40	30-40	3	1

Raise Panel Cutter



Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth 1	Teeth 2
	D(mm)	T(mm)	F(mm)	Z	V
WP041832	200	32	30-40	4	4

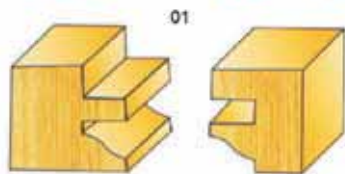
Raise Panel Cutter



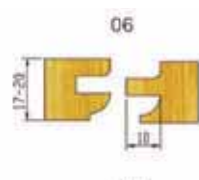
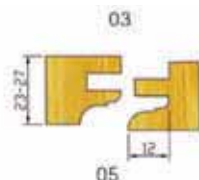
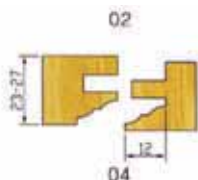
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP041717	192	17	30-40	4
WP041701	160	15	30-40	4
WP041702	160	15	30-40	4
WP041703	160	15	30-40	4
WP041704	160	15	30-40	4
WP041705	160	15	30-40	4
WP041706	190	18	30-40	4
WP041707	190	18	30-40	4
WP041708	190	18	30-40	4
WP041709	190	18	30-40	4
WP041710	190	18	30-40	4



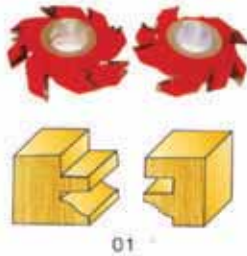
Door Flame Cutter Set



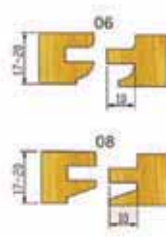
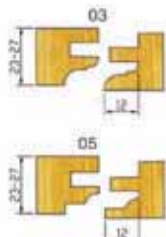
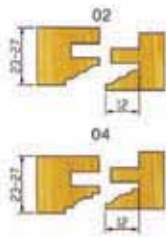
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP041901	114	23-27	30-40	4
WP041702	114	23-27	30-40	4
WP041703	114	23-27	30-40	4
WP041704	114	23-27	30-40	4
WP041705	114	23-27	30-40	4
WP041706	110	17-20	30-40	4
WP041707	110	17-20	30-40	4
WP041708	110	17-20	30-40	4
WP041709	110	17-20	30-40	4



Door Flame Cutter Set



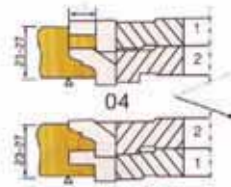
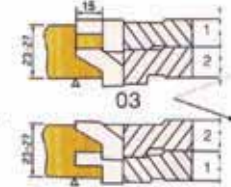
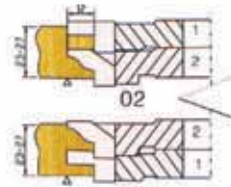
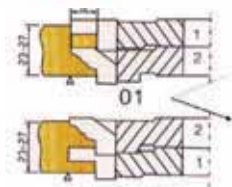
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP042001	114	23-27	30-40	4
WP042002	114	23-27	30-40	4
WP042003	114	23-27	30-40	4
WP042004	114	23-27	30-40	4
WP042005	114	23-27	30-40	4
WP042006	110	17-20	30-40	4
WP042007	110	17-20	30-40	4
WP042008	110	17-20	30-40	4
WP042009	110	17-20	30-40	4



Door Flame Cutter Set



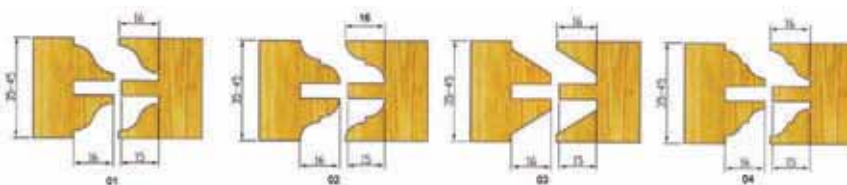
Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP042101	114	23-27	30-40	2
WP042102	114	23-27	30-40	2
WP042103	120	23-27	30-40	2
WP042104	120	23-27	30-40	2



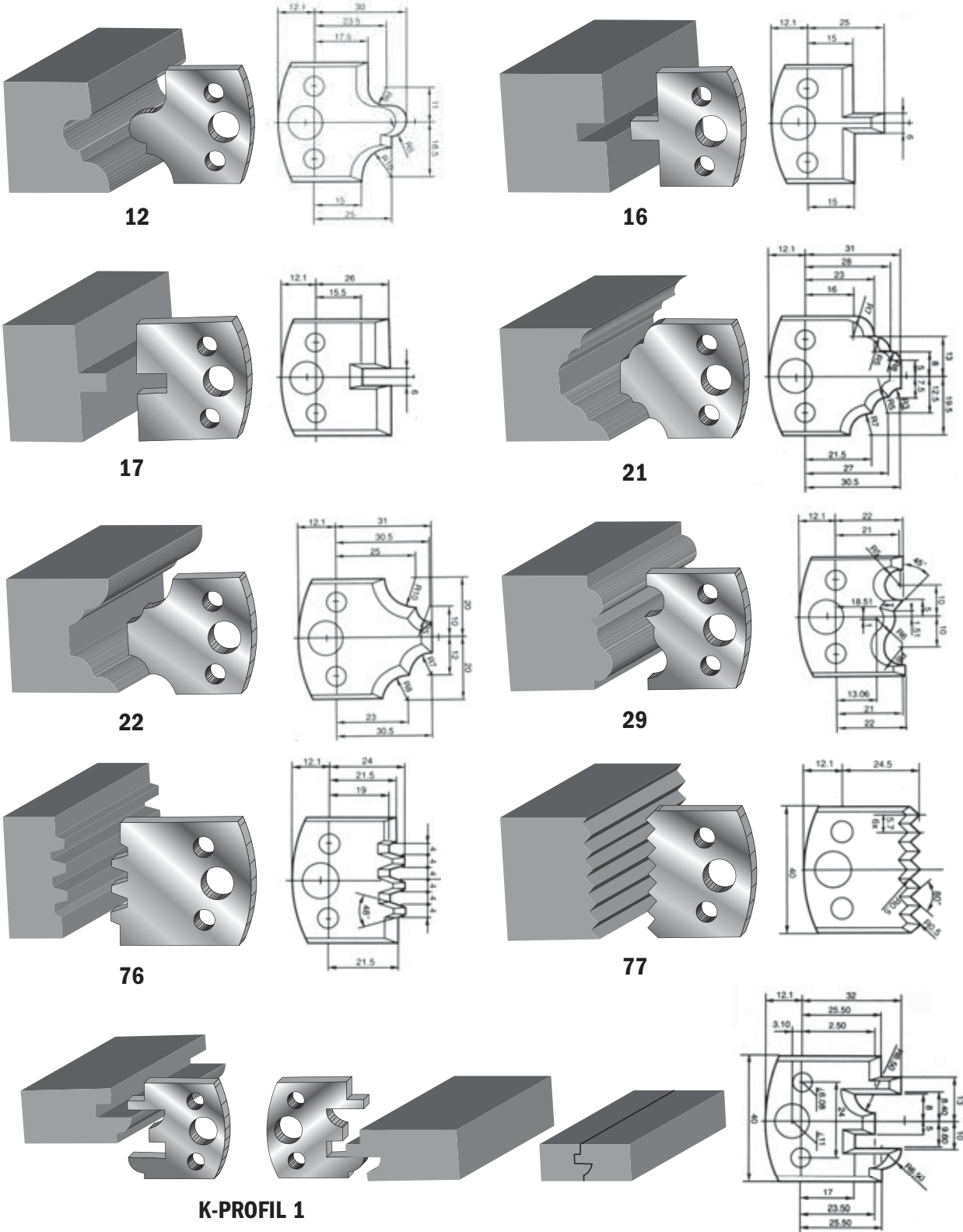
Door Flame Cutter Set

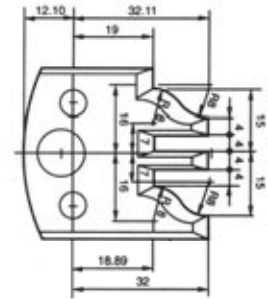
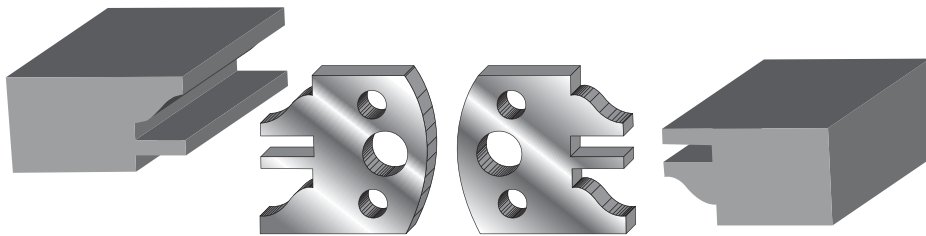


Part No.	Knives Dia.	Cutting Thickness	Arbor	Teeth
	D(mm)	T(mm)	F(mm)	Z
WP042201	122	35-40	30-40	4
WP042202	122	35-40	30-40	4
WP042203	122	35-40	30-40	4
WP042204	122	35-40	30-40	4

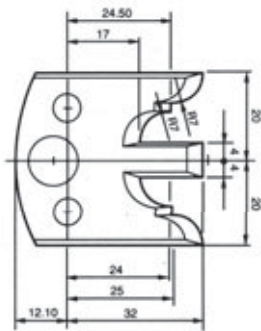


WOOD SHARPENER BLADE

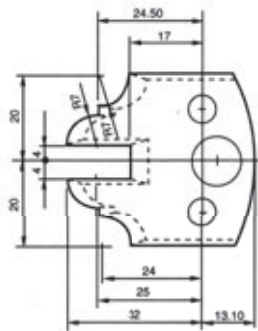




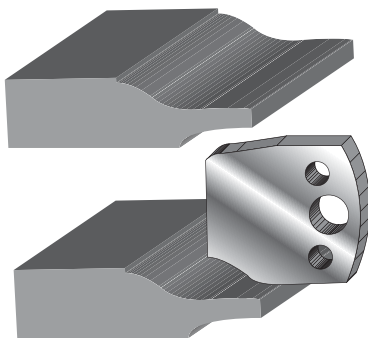
K-PROFIL 2



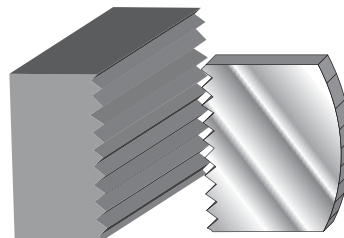
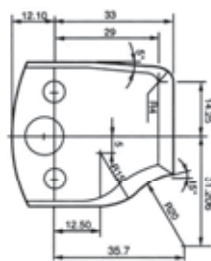
K-PROFIL 3



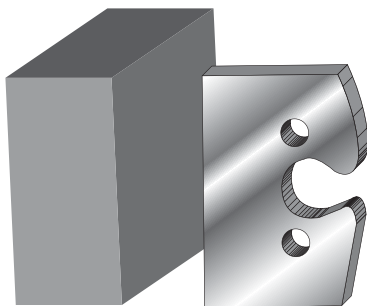
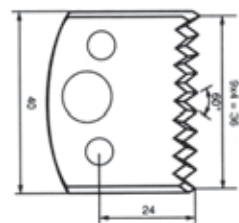
K-PROFIL 4



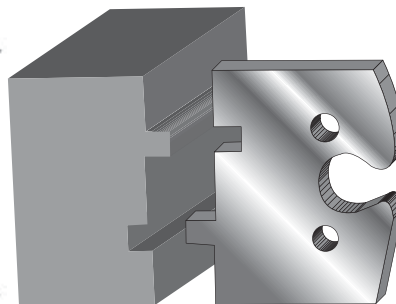
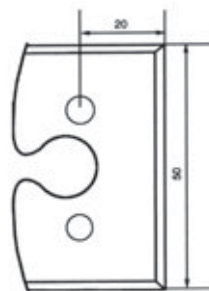
K-PROFIL 5



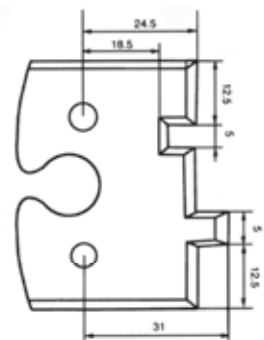
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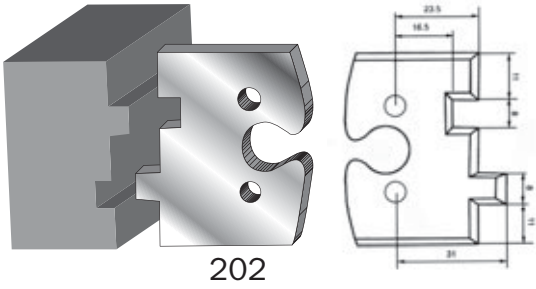


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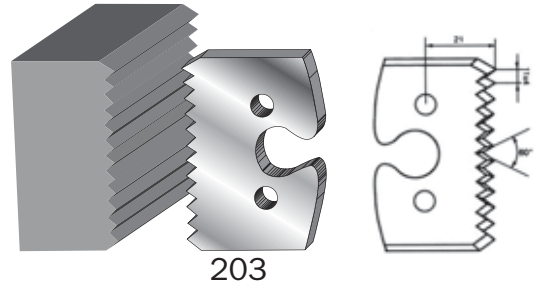


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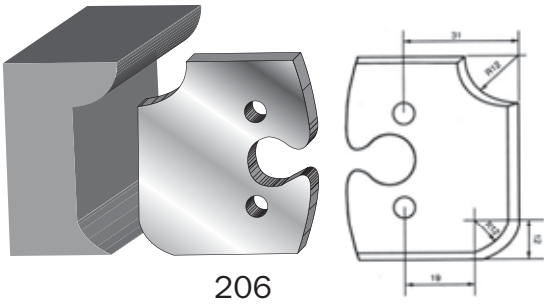




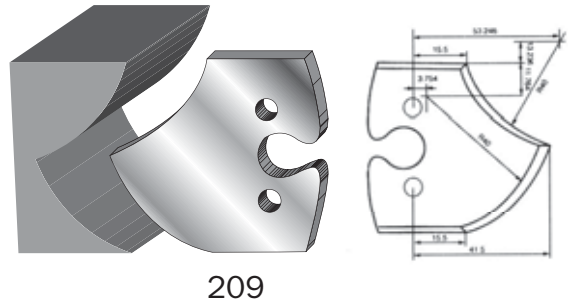
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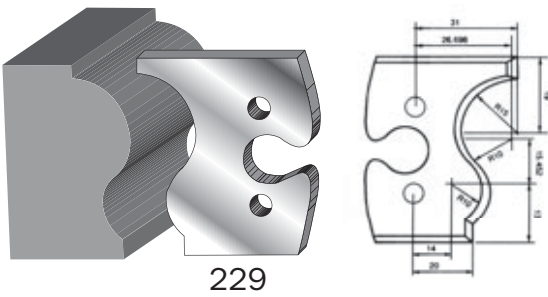
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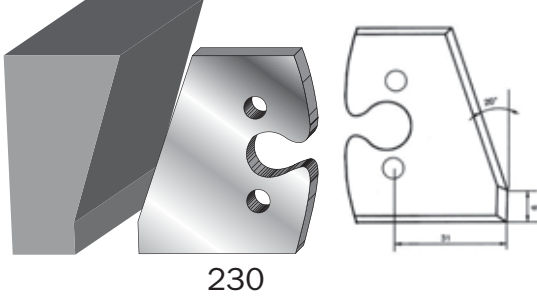
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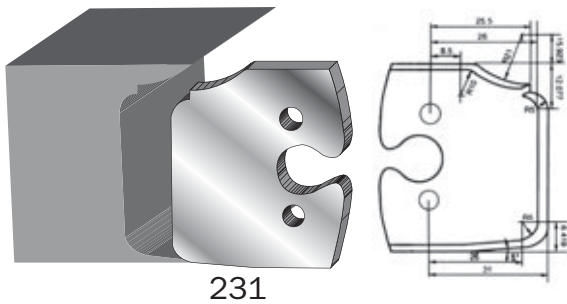
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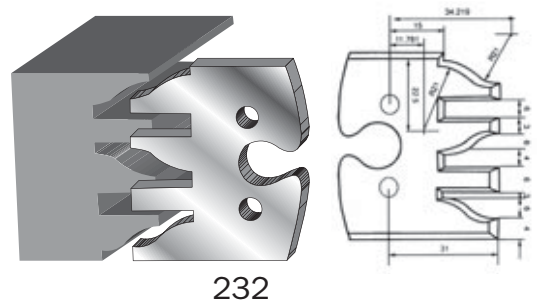
229



230



231



232



6PCS 0-5

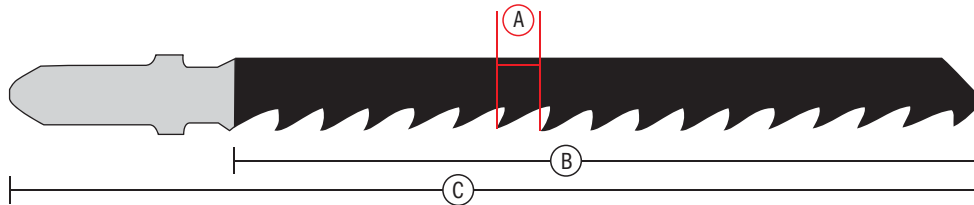


12PCS 0-11



36PCS 0-35

Jig Saw Blades

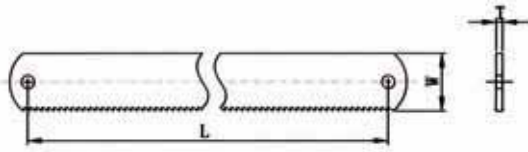


MODEL	Code	TYPE	FOR:	SIZE	Diagram Mark	Application
T118A	65273		Bosch	A=1.2mm-21tpi B=50mm-2" C=76mm-3"		Straight cutting for thin materials, Idea for thin sheet metals, nonferrous metals, Aluminium.
T127D	65274		Bosch	A=3mm-8tpi B=75mm-3" C=100mm-4"		Straight cutting , Idea for nonferrous metals, Aluminium metals, and for glassfibre reinforced plastics.
T144D	65272		Bosch	A=4mm-6tpi B=75mm-3" C=100mm-4"		Fast straight cutting, Idea for hardwood, softwood and laminated boards.
T244D			Bosch	A=4mm-6tpi B=75mm-3" C=100mm-4"		Straight cutting , Idea for epoxy, hardwood, softwood, laminated boards,insulated and heat insulation materials, and plastics.
T101B	65270		Bosch	A=2.5mm-10tpi B=75mm-3" C=100mm-4"		Clean and precise straight cutting, idea for hardwood,softwood,laminated boards, fiberboards and plastics.
T101D			Bosch	A=4mm-6tpi B=75mm-3" C=100mm-4"		Clean and precise straight cutting, idea for hardwood,softwood,laminated boards, fiberboards and plastics.
T111C	65271		Bosch	A=3.0mm-8tpi B=75mm-3" C=100mm-4"		Fast straight cutting, Idea for hardwood, softwood and plastics.
NO.1	61008		Makita	A=1.1mm-24tpi B=60mm-2-1/2" C=80mm-3-1/5"		Straight cutting for thin materials, Idea for thin sheet metals, nonferrous metals, Aluminium.
NO.2	65269		Makita	A=2.0mm-12tpi B=60mm-2-1/2" C=80mm-3-1/5"		Straight cutting for thick materials, Idea for thin sheet metals, nonferrous metals, Aluminium.
NO.3	61009		Makita	A=3.0mm-8tpi B=60mm-2-1/2" C=80mm-3-1/5"		Fast straight cutting, Idea for hardwood, softwood and plastics.
NO.10	75276		Makita	A=3.0mm-8tpi B=60mm-2-1/2" C=80mm-3-1/5"		Clean and precise straight cutting, idea for hardwood,softwood,laminated boards, fiberboards and plastics.

5 PCS JIG Saw Blades



HSS Power Hacksaw Blade

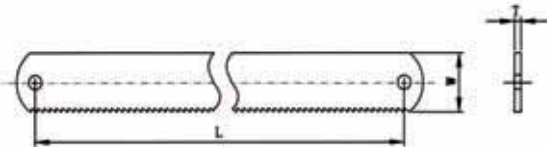


Material: HSS-W3/HSS-W9/HSS-M2



Unit:mm															
L +2 -2	W 0 -1	W +0.15 -0.10	TPI	L +2 -2	W 0 -1	W +0.15 -0.10	TPI	L +2 -2	W 0 -1	W +0.15 -0.10	TPI	L +2 -2	W 0 -1	W +0.15 -0.10	TPI
300	25	1.25	14T	450	32	2.0	6T	500	38	2.0	4T	600	45	2.5	6T
300	25	1.25	10T	450	32	2.0	4T	600	38	2.0	6T	600	45	2.5	4T
350	25	1.25	14T	500	32	1.8	6T	600	38	2.0	4T	600	50	2.5	6T
350	25	1.25	10T	500	32	1.8	4T	500	40	2.0	6T	600	50	2.5	4T
400	25	1.25	10T	450	36	1.8	10T	500	40	2.0	4T	650	45	2.5	6T
450	25	1.25	10T	450	36	1.8	6T	530	40	2.0	6T	650	45	2.5	4T
350	32	1.6	10T	450	36	1.8	4T	530	40	2.0	4T	650	50	2.5	6T
350	32	1.6	8T	450	38	1.8	10T	550	40	2.0	6T	650	50	2.5	4T
350	32	1.6	6T	450	38	1.8	8T	550	40	2.0	4T	700	50	2.5	6T
400	32	1.6	10T	450	38	1.8	6T	550	40	2.5	6T	700	50	2.5	4T
400	32	1.6	8T	450	38	1.8	4T	550	40	2.5	4T	750	50	2.5	6T
400	32	1.6	6T	400	38	2.0	6T	550	45	2.5	6T	750	50	2.5	4T
450	32	1.6	10T	400	38	2.0	4T	550	45	2.5	4T	800	63	2.5	4T
450	32	1.6	8T	450	38	2.0	8T	600	40	2.0	6T	800	63	2.5	3T
450	32	1.6	6T	450	38	2.0	6T	600	40	2.0	4T				
400	32	2.0	6T	450	38	2.0	4T	600	40	2.5	6T				
400	32	2.0	4T	500	38	2.0	6T	600	40	2.5	4T				

Bi-Metal Power Hacksaw Blade



Material: HSS-W9/HSS-M2



Unit:mm															
L +2 -2	W 0 -1	W +0.15 -0.10	TPI	L +2 -2	W 0 -1	W +0.15 -0.10	TPI	L +2 -2	W 0 -1	W +0.15 -0.10	TPI	L +2 -2	W 0 -1	W +0.15 -0.10	TPI
300	32	1.6	10T	450	38	2.0	6T	600	45	2.5	6T	20	1-1/2	2.0	6T
300	32	1.6	6T	450	38	2.0	4T	600	45	2.5	4T	20	1-1/2	2.0	4T
350	32	1.6	10T	500	40	2.0	6T	12	1-1/4	1.6	10T	21	1-1/2	2.0	6T
350	32	1.6	6T	500	40	2.0	4T	12	1-1/4	1.6	6T	21	1-1/2	2.0	4T
400	32	1.6	10T	550	40	2.0	6T	14	1-1/4	1.6	10T	21	1-3/4	2.5	6T
400	32	1.6	8T	550	40	2.0	4T	14	1-1/4	1.6	6T	21	1-3/4	2.5	4T
400	32	1.6	6T	550	40	2.5	6T	16	1-1/4	1.6	10T	24	1-1/2	2.0	6T
400	32	2.0	6T	550	40	2.5	4T	16	1-1/4	1.6	6T	24	1-1/2	2.0	4T
400	32	2.0	4T	600	40	2.0	6T	18	1-1/4	1.6	10T	24	1-3/4	2.5	6T
450	38	1.8	8T	600	40	2.0	4T	18	1-1/4	1.6	6T	24	1-3/4	2.5	4T
450	38	1.8	6T	600	40	2.5	6T	18	1-1/2	1.8	6T				
450	38	1.8	4T	600	40	2.5	4T	18	1-1/2	1.8	4T				

Wood Band Saw Blade

Material: 65Mn

Length		Width		Thickness		TPI	Style	Set	Teeth Treatment	
mm	Inches	mm	Inches	mm	Inches				Regular	Quench and Grinding
Coils or welded to customer specification		3	1/8"	0.35	0.014"	1	Regular Skip Hook	Alternate Raker	HRC38-44	HRC58-62
		~	~	~	~	~				
		75	3"	1	0.04"	10				



Band Saw Blade

Material: SK5



Size	Code	Length(mm)	Thickness(mm)	Teeth	Feature
BA315	73563	2240	0.56	4T	Quenching + Teeth Ground
BA315	73565	2240	0.56	6T	Quenching + Teeth Ground
BA350	73566	2420	0.56	4T	Quenching + Teeth Ground
BA350	73567	2420	0.56	6T	Quenching + Teeth Ground
BA315	73568	2240	0.56	4T	N/A
BA315	73569	2240	0.56	6T	N/A
BA350	73570	2420	0.56	4T	N/A
BA350	73571	2420	0.56	6T	N/A

Scroll Blade for MQ50 60

Material: SK2

Size	Code	Size	Thickness(mm)	Teeth	Suit for
WP015-5"	62693	133x2.8x0.3mm	0.3	18T	MQ50 MQ60



Hacksaw Frame

Square tubular frame.
Aluminium handle covered by plastic.
Flexible bimetal HSS saw blade.



Model	Code	Size	Cutting Angel	Blade Length	Q'ty/Ctn
WP0312	5825	12"	90°	300mm	24pcs

Hacksaw Frame

Square tubular frame.
Aluminium handle covered by plastic.
Flexible bimetal HSS saw blade.



Model	Code	Size	Cutting Angel	Blade Length	Q'ty/Ctn
WP-0812	93590	12"	90°	300mm	24pcs

Hacksaw Frame

Square tubular frame.
Plastic Handle
Flexible bimetal HSS saw blade.



Model	Code	Size	Cutting Angel	Blade Length	Q'ty/Ctn
WP0612	93591	12"	90°	300mm	24pcs

Hacksaw Frame

Square tubular frame.
Plastic handle
Flexible bimetal HSS saw blade.



Model	Code	Size	Cutting Angel	Blade Length	Q'ty/Ctn
WP-0512	71466	12"	90°	300mm	24pcs



Knives

Rotary Cutter



25kgs of force

Model	GK-03
Code	95520
Size	45mm

Wire Tripper Knife



Ergonomically Knife handle,
safe and comfortable,
Suitable to electric cable.

Model	GK-01
Code	95518
Size	180mm

Top-Grade Utility Knife Of Five Running Blades



25kgs of force
5 Blade Selfloading
Positive Blade Auto Lock
50% Sharper Blades stay sharp 3 times longer

Model	GK-05
Code	95522
Size	18mm



Scores And Trims Plastic Cutter

Model	GK-02
Code	95519
Size	140mm



Folding Bended Knife

Model	PSB-11
Code	88995
Size	195mm



Folding Grafting Knife

Model	PSO-10
Code	88996
Size	173mm

13 Function in 1 Pliers

PC13-06 STAINLESS STEEL

Code:88998 Size:6"

Pocket tools are crafted of the finest materials and precision machines to provide the maximum accuracy and work-life. They are manufactured in accordance with ANSI Standard.

