



SHALL®

潇潇公司

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POWER TOOLS

HAND TOOLS

PNEUMATIC TOOLS

TOOL SETS

AGRICULTURE TOOLS

WATER PUMPS

GENERATORS

POWER TOOL ACCESSORIES

FASTENERS & HARDWARE

TAPS & DIES

LADDERS

AUTOMOTIVE ACCESSORIES

2023-2024



INDEX



ABOUT SHALL

SHALL is founded on 1998. SHALL manufacturing complex locates on Economy & Technology Development Area, total 25,000 square meter.

SHALL products cover full range of tools, such as **Power Tools, Hand Tools, Garden Tools, Pneumatic Tools, Tool Sets, Agriculture Tools, Water Pumps, Generators, Power Tools Accessories, Fasteners, Hardware, Taps & Dies, Ladders & Automotive Accessories.** We have more than 10,000 items.

As a Reliable Chinese company, The SHALL Group offer customers quality products, competitive prices and on-time deliveries. We sell our products world wide.

SHALL have good reputation in the market. SHALL's Excellent Financial Situation strongly support our Input of Marketing, QA, New Products Developing...

SHALL is good. SHALL can be better. SHALL is Improving & Growing.



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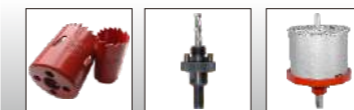
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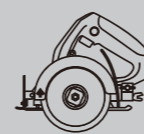
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1. Continuous Rim Type(Wet)

Item No.	Outer Diameter		Thickness		Working Height mm	RPM
	mm	Inch	mm	Inch		
0110101	100	4"	1.7	0.070"	5	15300
0110106	105	4-1/8"	1.7	0.070"	5	14500
0110107	105	4-1/8"	1.7	0.070"	7	14500
0110108	105	4-1/8"	1.7	0.070"	10	14500
0110113	110	4-3/8"	1.7	0.070"	7	13900
0110118	115	4-1/2"	2.0	0.080"	5	13300
0110119	115	4-1/2"	2.0	0.080"	7	13300
0110120	115	4-1/2"	2.0	0.080"	10	13300
0110124	125	5"	2.0	0.080"	5	12200
0110125	125	5"	2.0	0.080"	7	12200
0110131	150	6"	2.2	0.090"	5	10100
0110138	180	7"	2.2	0.090"	5	8500
0110139	180	7"	2.2	0.090"	7	8500
0110145	200	8"	2.4	0.095"	5	7600
0110146	200	8"	2.4	0.095"	7	7600
0110152	230	9"	2.6	0.100"	5	6600
0110153	230	9"	2.6	0.100"	7	6600
0110159	250	10"	2.8	0.110"	5	6100
0110173	350	14"	3.2	0.125"	10	4300

Application: ceramic, glaze



2. Segmented Type(Dry)

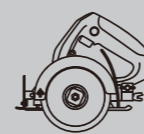
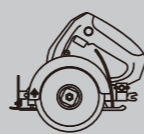
Item No.	Outer Diameter		Thickness		Working Height mm	RPM
	mm	Inch	mm	Inch		
0110202	100	4"	1.8	0.070"	7	15300
0110207	105	4-1/8"	1.8	0.070"	7	14500
0110208	105	4-1/8"	1.8	0.070"	10	14500
0110209	105	4-1/8"	1.8	0.070"	12	14500
0110210	105	4-1/8"	1.8	0.070"	15	14500
0110213	110	4-3/8"	1.8	0.070"	7	13900
0110214	110	4-3/8"	1.8	0.070"	10	13900
0110219	115	4-1/2"	2.0	0.080"	7	13300
0110220	115	4-1/2"	2.0	0.080"	10	13300
0110221	115	4-1/2"	2.0	0.080"	12	13300
0110222	115	4-1/2"	2.0	0.080"	15	13300
0110225	125	5"	2.0	0.080"	7	12200
0110226	125	5"	2.0	0.080"	10	12200
0110227	125	5"	2.0	0.080"	12	12200
0110228	125	5"	2.0	0.080"	15	12200
0110232	150	6"	2.2	0.090"	7	10100
0110234	150	6"	2.2	0.090"	12	10100
0110235	150	6"	2.2	0.090"	15	10100
0110239	180	7"	2.2	0.090"	7	8500
0110240	180	7"	2.2	0.090"	10	8500
0110241	180	7"	2.2	0.090"	12	8500
0110242	180	7"	2.2	0.090"	15	8500
0110246	200	8"	2.4	0.095"	7	7600
0110248	200	8"	2.4	0.095"	12	7600
0110249	200	8"	2.4	0.095"	15	7600
0110253	230	9"	2.6	0.100"	7	6600
0110254	230	9"	2.6	0.100"	10	6600
0110255	230	9"	2.6	0.100"	12	6600
0110256	230	9"	2.6	0.100"	15	6600
0110260	250	10"	2.8	0.110"	7	6100
0110262	250	10"	2.8	0.110"	12	6100
0110263	250	10"	2.8	0.110"	15	6100
0110267	300	12"	3.0	0.120"	8	5100
0110268	300	12"	3.0	0.120"	10	5100
0110270	300	12"	3.0	0.120"	15	5100
0110272	350	14"	3.2	0.125"	8	4300
0110273	350	14"	3.2	0.125"	10	4300
0110274	350	14"	3.2	0.125"	12	4300
0110275	350	14"	3.2	0.125"	15	4300
0110278	400	16"	2.0	0.160"	8	3800
0110281	400	16"	4.0	0.160"	15	3800

Application: concrete, brick, tile, masonry, stone, sandstone, refractory materials, limestone



Arbors & Bushings Available :

- 15mm;16mm;20mm;22.23mm;30mm;50mm;70mm;
- 5/8";7/8"-5/8"DM;1"



Diamond Blades

Diamond Blades

3. Turbo Flat (Wet Or Dry)

Item No.	Outer Diameter		Thickness		Working Height	RPM
	mm	Inch	mm	Inch		
0110307	105	4-1/8"	2.2	0.090"	7	14500
0110308	105	4-1/8"	2.2	0.090"	10	14500
0110309	105	4-1/8"	2.2	0.090"	12	14500
0110310	105	4-1/8"	2.2	0.090"	15	14500
0110313	110	4-3/8"	2.2	0.090"	7	13900
0110319	115	4-1/2"	2.5	0.100"	7	13300
0110320	115	4-1/2"	2.5	0.100"	10	13300
0110321	115	4-1/2"	2.5	0.100"	12	13300
0110322	115	4-1/2"	2.5	0.100"	15	13300
0110325	125	5"	2.5	0.100"	7	12200
0110327	125	5"	2.5	0.100"	12	12200
0110328	125	5"	2.5	0.100"	15	12200
0110332	150	6"	3.0	0.120"	7	10100
0110335	150	6"	3.0	0.120"	15	10100
0110339	180	7"	3.0	0.120"	7	8500
0110340	180	7"	3.0	0.120"	10	8500
0110341	180	7"	3.0	0.120"	12	8500
0110342	180	7"	3.0	0.120"	15	8500
0110346	200	8"	3.2	0.125"	7	7600
0110348	200	8"	3.2	0.125"	12	7600
0110349	200	8"	3.2	0.125"	15	7600
0110353	230	9"	3.2	0.125"	7	6600
0110354	230	9"	3.2	0.125"	10	6600
0110360	250	10"	3.6	0.140"	7	6100
0110362	250	10"	3.6	0.140"	12	6100
0110363	250	10"	3.6	0.140"	15	6100
0110367	300	12"	4.0	0.160"	8	5100
0110369	300	12"	4.0	0.160"	12	5100
0110372	350	14"	4.0	0.160"	8	4300
0110373	350	14"	4.0	0.160"	10	4300
0110374	350	14"	4.0	0.160"	12	4300
0110377	400	16"	4.0	0.160"	7	3800

Application: concrete, reinforced concrete, brick, tile, masonry, stone, sandstone



DOUBLE BLISTER

4. Turbo Wave

Item No.	Outer Diameter		Thickness		Working Height	RPM
	mm	Inch	mm	Inch		
0110710	105	4-1/8"	2.2	0.090"	15	14500
0110713	110	4-3/8"	2.5	0.100"	7	13900
0110719	115	4-1/2"	2.5	0.100"	7	13300
0110725	125	5"	2.5	0.100"	7	12200
0110753	230	9"	3.2	0.125"	7	6600

Application: concrete, reinforced concrete, brick, tile, masonry, stone, sandstone



SKIN CARD

5. Astra Turbo Flat

Item No.	Outer Diameter		Thickness		Working Height	RPM
	mm	Inch	mm	Inch		
0110507	105	4-1/8"	2.2	0.090"	7	14500
0110513	110	4-3/8"	2.5	0.100"	7	13900
0110519	115	4-1/2"	2.5	0.100"	7	13300
0110525	125	5"	2.5	0.100"	7	12200
0110539	180	7"	3.0	0.120"	7	8500
0110553	230	9"	3.2	0.125"	7	6600

Application: reinforced concrete, glaze, clinker, brick, limestone



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Arbors & Bushings Available:
15mm;16mm;20mm;22.23mm;30mm;50mm;70mm;
5/8";7/8"-5/8"DM;1"
M14S Flange
M14 Flange

1. Continuous Rim Type (Wet)

Item No.	Outer Diameter		Thickness		Working Height	RPM
	mm	Inch	mm	Inch		
0120103	100	4"	1.6	0.060"	10	15300
0120107	105	4-1/8"	1.6	0.060"	7	14500
0120108	105	4-1/8"	1.6	0.060"	10	14500
0120113	110	4-3/8"	1.7	0.067"	7	13900
0120118	115	4-1/2"	1.7	0.067"	5	13300
0120120	115	4-1/2"	1.7	0.067"	10	13300
0120124	125	5"	1.7	0.067"	5	12200
0120126	125	5"	1.8	0.070"	10	12200
0120138	180	7"	1.8	0.070"	5	8500
0120139	180	7"	1.8	0.070"	7	8500
0120140	180	7"	1.8	0.070"	10	8500
0120145	200	8"	1.5	0.070"	5	7600
0120146	200	8"	1.8	0.070"	7	7600
0120147	200	8"	1.8	0.070"	10	7600
0120154	230	9"	1.8	0.070"	10	6600
0120161	250	10"	1.8	0.070"	10	6100
0120166	300	12"	2.6	0.100"	7	5100
0120168	300	12"	2.6	0.100"	10	5100
0120173	350	14"	2.6	0.100"	10	4300

Application: ceramic, glaze



SKIN CARD

2. Segmented (Dry)

Item No.	Outer Diameter		Thickness		Working Height	RPM
	mm	Inch	mm	Inch		
0120207	105	4-1/8"	1.8	0.070"	7	14500
0120208	105	4-1/8"	1.8	0.070"	10	14500
0120219	115	4-1/2"	2.0	0.080"	7	13300
0120220	115	4-1/2"	2.0	0.080"	10	13300
0120226	125	5"	2.0	0.080"	10	12200
0120240	180	7"	2.2	0.090"	10	8500
0120253	230	9"	2.4	0.095"	7	6600
0120254	230	9"	2.4	0.095"	10	6600

Application: concrete, brick, tile, masonry, stone, sandstone, refractory materials, limestone



SKIN CARD

3. Turbo Flat

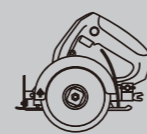
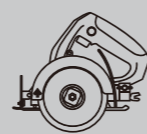
Item No.	Outer Diameter		Thickness		Working Height	RPM
	mm	Inch	mm	Inch		
0120311	105	4-1/8"	2.0	0.080"	8	14500
0120317	110	4-3/8"	2.0	0.080"	8	13900
0120323	115	4-1/2"	2.0	0.080"	8	13300
0120361	250	10"	2.4	0.095"	10	6100

Application: concrete, reinforced concrete, brick, tile, masonry, stone, sandstone



SKIN CARD

Arbors & Bushings Available:
15mm;16mm;20mm;22.23mm;30mm;50mm;70mm;
5/8";7/8"-5/8"DM;1"
M14S Flange
M14 Flange



Diamond Blades

Diamond Blades

4. Turbo Wave

Item No.	Outer Diameter mm	Inch	Thickness mm	Inch	Working Height mm	RPM
0120711	105	4-1/8"	2.0	0.080"	8	14500
0120717	115	4-1/2"	2.0	0.080"	8	13300
0120723	125	5"	2.0	0.080"	8	12200
0120736	150	6"	2.4	0.095"	8	10100
0120743	180	7"	2.4	0.095"	8	8500
0120750	200	8"	2.4	0.095"	8	7600
0120757	230	9"	2.4	0.095"	8	6600
0120764	250	10"	2.4	0.095"	8	6100
0120772	350	14"	3.2	0.125"	8	4300

Application: concrete, reinforced concrete, brick, tile, masonry, stone, sandstone



SKIN CARD



5. X-Turbo Flat

Item No.	Outer Diameter mm	Inch	Thickness mm	Inch	Working Height mm	RPM
0120820	115	4-1/2"	1.4	0.055"	10	13200
0120826	125	5"	1.4	0.055"	10	12200
0120833	150	6"	1.9	0.075"	10	10200
0120840	180	7"	1.9	0.075"	10	8500
0120854	230	9"	2.1	0.080"	10	6650

Application: ceramic, glaze, glass, porcelain, ceramic tiles, composite hardest tiles, roof tiles



SKIN CARD



6. Astra Turbo Flat

Item No.	Outer Diameter mm	Inch	Thickness mm	Inch	Working Height mm	RPM
0120407	105	4-1/8"	1.3	0.05"	7	14500
0120419	115	4-3/8"	2.4	0.095"	7	13900
0120429	125	5"	2.4	0.095"	8	12200
0120425	125	5"	1.3	0.05"	7	12200
0120443	180	7"	2.4	0.095"	8	8500
0120453	230	9"	2.0	0.08"	7	6600
0120454	230	9"	2.0	0.08"	10	6600

Application: reinforced concrete, glaze, clinker, brick, limestone



SKIN CARD



7. Samurai Blade

Item No.	Outer Diameter mm	Inch	Thickness mm	Inch	Working Height mm	RPM
0120911	105	4"	2.0	0.080"	8	14500
0120917	115	4-1/2"	2.0	0.080"	8	13300
0120923	125	5"	2.0	0.080"	8	12200
0120943	180	7"	2.4	0.095"	8	8500
0120757	230	9"	2.4	0.095"	8	6600

Application: for the most precise cutting of natural stone slabs from granite and marble, masonry, brick, concrete, limestone, sandstone, mortar



SKIN CARD



Arbors & Bushings Available:
15mm;16mm;20mm;22.23mm;30mm;50mm;70mm;
5/8";7/8"-5/8"DM;1"

Vacuum Brazed Diamond Blade

Type(1)

Item No.	Outer Diameter mm	Inch	Thickness mm	Inch	Working Height mm	RPM
0152101	100	4"	2.0	0.08"	5	15300
0152106	105	4-1/8"	2.0	0.08"	5	14500
0152112	110	4-3/8"	2.0	0.08"	5	13900
0152124	125	5"	2.2	0.095"	5	12200
0152131	150	6"	2.2	0.095"	5	10100

Application: For all kinds of natural stone, artificial stone, ceramic, magnetic materials, concrete, quartz stone, glass, composite organic dry and wet cutting of materials



DOUBLE BLISTER



Type(2)

Item No.	Outer Diameter mm	Inch	Thickness mm	Inch	Working Height mm	RPM
0152212	110	4-3/8"	2.0	0.08"	5	13900
0152218	115	4-1/2"	2.0	0.08"	5	13300
0152224	125	5"	2.2	0.09"	5	12200
0152231	150	6"	2.2	0.09"	5	10100
0152238	180	7"	2.4	0.095"	5	8500
0152252	230	9"	2.6	0.10"	5	6600

Application: For all kinds of natural stone, artificial stone, ceramic, magnetic materials, concrete, quartz stone, glass, composite organic dry and wet cutting of materials



DOUBLE BLISTER



Vacuum Brazed Saw Blade(Dry)

Item No.	Outer Diameter mm	Inch	Thickness mm	Inch	Bore mm	RPM
0153001	105	4-1/8"	1.0	0.04"	22.23	14500
0153002	110	4-3/8"	1.0	0.04"	22.23	13900
0153003	115	4-1/2"	1.2	0.05"	22.23	13300
0153004	125	5"	1.2	0.05"	22.23	12200
0153005	150	6"	1.4	0.055"	22.23	10100
0153006	180	7"	1.4	0.055"	22.23	8500
0153007	230	9"	1.6	0.06"	22.23	6600

Application: wood, various stone, granite, marble, glass
Advantage: spacious cutting, fast cutting, high efficiency.



DOUBLE BLISTER



Brazing Road Saw Blade

Item No.	Outer Diameter mm	Inch	Thickness mm	Inch	Working Height mm	RPM
0152331	350	14"	4.2	0.165"	8	4300
0152332	400	16"	4.2	0.165"	8	3800
0152333	500	20"	4.2	0.165"	8	2500

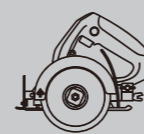
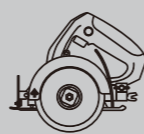
Arbors DM: 50mm

Application: used for asphalt pavement



DOUBLE BLISTER





Diamond Blades

Brazed Diamond Multifunction Saw Blade

Item No.	Outer Diameter mm	Outer Diameter Inch	Thickness mm	Thickness Inch	Working Height mm	RPM
0152416	115	4-1/2"	2.6	0.10"	6	13300
0152421	125	5"	2.6	0.10"	6	12200
0152426	150	6"	2.8	0.11"	6	10100
0152431	180	7"	2.8	0.11"	6	8500
0152441	230	9"	2.8	0.11"	6	6600
0152446	250	10"	2.8	0.11"	6	6100
0152451	300	12"	3.0	0.118"	6	5100
0152456	350	14"	3.4	0.134"	6	4300

Arbors DM: 22.23mm
25.4mm

Application: Fused for cutting castings in the precision casting industry, such as nodular iron, gray iron, cast steel, etc. It is also suitable for cutting various hard and brittle materials and composite hard materials in emergency.



DOUBLE BLISTER

Narrow Edge Metal Saw Blade

Item No.	Outer Diameter mm	Outer Diameter Inch	Working Height mm	Bore mm	RPM
0152511	100	4"	2-3	16	15300
0152516	115	4-1/2"	2-3	22.23	13300
0152521	125	5"	2-3	22.23	12200
0152526	150	6"	2-3	22.23	10100
0152531	180	7"	2-3	22.23	8500
0152536	200	8"	2-3	22.23	7600
0152541	230	9"	2-3	22.23	6600
0152551	300	12"	2-3	25.4	5100
0152556	350	14"	2-3	25.4	4300

Application: used for cutting castings in the precision casting industry, such as nodular iron, gray iron, cast steel, etc. It is also suitable for cutting various hard and brittle materials and composite hard materials in emergency.



DOUBLE BLISTER

Brazing Silencing Saw Blade

Item No.	Outer Diameter mm	Outer Diameter Inch	Working Height mm	Bore mm	RPM
0152611	100	4"	2-3	16	15300
0152616	115	4-1/2"	2-3	22.23	13300
0152621	125	5"	2-3	22.23	12200
0152626	150	6"	2-3	22.23	10100
0152631	180	7"	2-3	22.23	8500
0152636	200	8"	2-3	22.23	7600
0152641	230	9"	2-3	22.23	6600
0152651	300	12"	2-3	25.4	5100
0152656	350	14"	2-3	25.4	4300

Application: used for cutting castings in the precision casting industry, such as nodular iron, gray iron, cast steel, etc. It is also suitable for cutting various hard and brittle materials and composite hard materials in emergency.



DOUBLE BLISTER

Brazing Cut Grinding Saw Blade

Item No.	Outer Diameter mm	Outer Diameter Inch	Thickness mm	Thickness Inch	Working Height mm	RPM
0152711	100	4"	3.5	0.138"	10	15300
0152721	125	5"	3.5	0.138"	15	13300
0152726	150	6"	3.5	0.138"	15	10100
0152731	180	7"	3.5	0.138"	15	8500

Arbors DM: 16mm, 22.23mm

Application: Used for cutting and grinding gray iron, ductile iron, stainless steel and other precision castings.



DOUBLE BLISTER

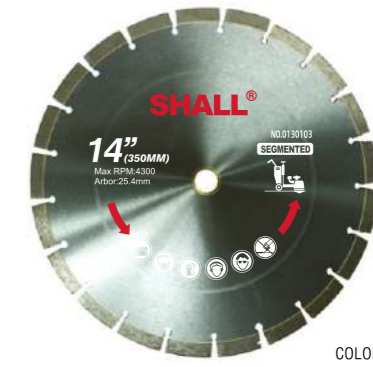
When ordering, please specify:

- a. Soft Bond; Medium Bond or Hard Bond.
- b. To cut Cured Concrete; Green Concrete; Concrete; Asphalt; Stone; Masonry; Marble; Granite or General Purpose.

Brazed Segmented Blade

Item No.	Outer Diameter mm	Outer Diameter Inch	Thickness mm	Thickness Inch	Working Height mm	RPM
0130103	300	12"	3.2	0.125"	8	4300
0130107	350	14"	3.2	0.125"	8	4300
0130108	350	14"	3.2	0.125"	10	4300
0130113	400	16"	3.2	0.125"	5	3800
0130115	400	16"	3.2	0.125"	10	3800
0130120	450	18"	4	0.155"	5	3400
0130122	450	18"	4	0.155"	8	3400
0130124	450	18"	3.2	0.125"	10	3400
0130126	450	18"	4	0.155"	10	3400
0130132	500	20"	4	0.155"	10	2500
0130131	500	20"	4	0.155"	8	2500
0130145	600	24"	4	0.155"	10	2500
0130146	600	24"	5	0.197"	15	2500
0130153	660	26"	4.7	0.187"	10	2300
0130155	660	26"	4.7	0.187"	15	2300
0130161	760	30"	6.4	0.250"	10	2000
0130186	900	36"	4.5	0.180"	10	1700

Application: hard brick, steel bar reinforced concrete, hard stone, refractory brick and other high density materials



COLOR BOX

Laser Segmented Diamond Blade

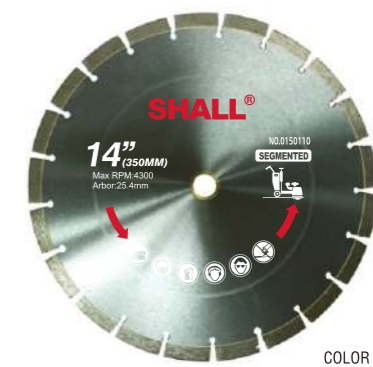
Type1

When ordering, please specify:

- To cut Arred Concrete; Green Concrete; Concrete; Asphalt; Stone; Masonry; Marble; Granite or General Purpose.

Item No.	Outer Diameter mm	Outer Diameter Inch	Thickness mm	Thickness Inch	Working Height mm	RPM
0150102	115	4-1/2"	2.0	0.080"	7	13300
0150103	115	4-1/2"	2.0	0.080"	10	13300
0150122	200	8"	2.4	0.095"	10	7600
0150128	230	9"	2.4	0.095"	10	6600
0150129	230	9"	2.4	0.095"	12	6600
0150131	300	12"	3.2	0.125"	7	5100
0150132	300	12"	3.2	0.125"	10	5100
0150133	300	12"	3.2	0.125"	12	5100
0150134	300	12"	3.2	0.125"	17	5100
0150141	350	14"	3.2	0.125"	7	4300
0150142	350	14"	3.2	0.125"	10	4300
0150143	350	14"	3.2	0.125"	12	4300
0150144	350	14"	3.2	0.125"	17	4300
0150151	400	16"	3.2	0.125"	10	3800
0150157	450	18"	3.2	0.125"	10	3400
0150158	450	18"	3.2	0.125"	12	3400
0150171	500	20"	3.4	0.135"	10	3000
0150181	600	24"	3.4	0.135"	10	2500

Application: hard brick, steel bar reinforced concrete, hard stone, refractory brick and other high density materials



COLOR BOX

Type2

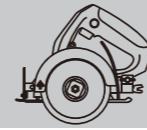
Item No.	Outer Diameter mm	Outer Diameter Inch	Thickness mm	Thickness Inch	Working Height mm	RPM
0150707	125	5"	2.0	0.080"	10	12200
0150727	230	9"	3.0	0.120"	7	6600
0150732	300	12"	3.2	0.125"	10	5100
0150742	350	14"	3.0	0.120"	10	4300
0150751	400	16"	3.2	0.125"	10	3800
0150757	450	18"	3.6	0.140"	10	3400

Application: hard brick, steel bar reinforced concrete, hard stone, refractory brick and other high density materials



COLOR BOX

Arbors & Bushings Available :20-5/8";7/8"-5/8";22.23mm;DM;DM-5/8";20mm;1"



Laser T-seg Diamond Blade

Item No.	Outer Diameter		Thickness		Working Height	RPM
	mm	Inch	mm	Inch		
0150207	125	5"	2.0	0.080"	10	12200
0150122	150	6"	2.2	0.090"	10	10100
0150131	230	9"	2.4	0.095"	10	6600
0150141	300	12"	3.2	0.125"	10	5100
0150142	300	12"	3.2	0.125"	15	5100
0150151	350	14"	3.2	0.125"	10	4300
0150152	350	14"	3.2	0.125"	15	4300
0150157	400	16"	3.2	0.125"	10	3800
0150158	400	16"	3.2	0.125"	15	3800
0150171	450	18"	3.6	0.140"	10	3400
0150172	450	18"	3.2	0.125"	15	3400
0150181	500	20"	3.8	0.150"	10	3000

Application: hard brick, steel bar reinforced concrete, hard stone, refractory brick and other high density materials



COLOR BOX



Electro-plated Diamond Blade

Type1

Item No.	Outer Diameter		Plate Thickness	Segment Thickness	Working Height	Grit
	mm	inch				
0181108	25	1"	0.3-0.5	0.5-0.7	8	170/200
0181109	38	1.5"	0.4-0.5	0.6-0.8	14	170/200
0181110	50	2"	0.5-0.6	0.7-0.8	20	170/200
0181111	64	2.5"	0.5-0.6	0.8-0.9	5/6	140/170
0181112	75	3"	0.6-0.8	1.15-1.35	5	80/100
0181113	85	3-3/8"	0.6-0.8	1.15-1.35	5	80/100
0181101	100	4"	1-1.2	1.8-2.0	3-5	50/60
0181102	110	4-3/8"	1.2	2.0	3-5	50/60
0181103	115	4-1/2"	1.2	2.0	3-5	50/60
0181104	125	5"	1.2	2.0	3-5	50/60
0181114	150	6"	1.4	2.3	3-5	50/60
0181105	180	7"	1.6	2.5	3-5	50/60
0181106	230	9"	1.8	2.8	3-5	50/60

Application: granite, sandstone, ceramic, porcelain
Advantage: sharp cutting and durable



DOUBLE BLISTER



Type2

Item No.	Outer Diameter		Plate Thickness	Segment Thickness	Working Height	Grit
	mm	inch				
0181121	25	1"	0.6-0.8	1.15-1.35	4/5	80/100
0181122	38	1.5"	0.6-0.8	1.15-1.35	4/5	80/100
0181123	50	2"	0.6-0.8	1.15-1.35	4/5	80/100
0181124	64	2.5"	0.6-0.8	1.15-1.35	4/5	80/100
0181125	75	3"	0.8-1.0	1.35-1.55	4/5	80/100
0181126	85	3-3/8"	0.8-1.0	1.35-1.55	4/5	80/100
0181127	100	4"	1-1.2	1.8-2.0	3-5	45/50
0181128	110	4-3/8"	1.2	2.1	3-5	45/50
0181129	115	4-1/2"	1.2	2.1	3-5	45/50
0181130	125	5"	1.2	2.1	3-5	45/50
0181131	150	6"	1.4	2.3	3-5	45/50
0181132	180	7"	1.6	2.5	3-5	45/50
0181133	230	9"	1.8	2.8	3-5	45/50

Application: granite, sandstone, ceramic, porcelain
Advantage: sharp cutting and durable



SKIN CARD



Type3

Item No.	Outer Diameter		Plate Thickness	Segment Thickness	Working Height	Grit
	mm	inch				
0181161	100	4"	0.6-0.8	0.9-1.1	20	140/170

Application: granite, sandstone, ceramic, porcelain
Advantage: sharp cutting and durable



SKIN CARD



Type4 With Aluminium Flange

Item No.	Outer Diameter		Plate Thickness	Segment Thickness	Working Height	Grit
	mm	inch				
0181193	115	4-1/2"	1.6	2.5	40	45/50
0181192	230	9"	1.8	2.8	40	45/50

Application: granite, sandstone, ceramic, porcelain
Advantage: sharp cutting and durable



SKIN CARD



1. Tuck Point

Item No.	Outer Diameter		Segment Thickness	Working Height	RPM	
	mm	inch				
0140106	100	4"	6	0.240"	10	15300
0140116	115	4-1/2"	6	0.240"	10	13300
0140126	125	5"	6	0.240"	10	12200
0140129	125	5"	9	0.360"	10	12200
0140186	180	7"	6	0.240"	10	8500

Application: granite, marble or other stone, concrete



COLOR BOX



2. Sandwich Tuck Point Blade--two layers

Item No.	Outer Diameter		Segment Thickness	Working Height	RPM	
	mm	inch				
0140412	105	4-1/8"	6.4	0.250"	10	14500
0140413	105	4-1/8"	6.4	0.250"	12	14500
0140417	115	4-1/2"	6.4	0.250"	12	13300
0140429	125	5"	6.4	0.250"	10	12200
0140430	125	5"	6.4	0.250"	12	12200
0140487	180	7"	6.4	0.250"	10	8500

Application: granite, marble or other stone, concrete



COLOR BOX



3. Sandwich Tuck Point Blade--three layers

Item No.	Outer Diameter		Segment Thickness	Working Height	RPM	
	mm	inch				
0140517	115	4-1/2"	9.5	0.380"	12	13300
0140529	125	5"	9.5	0.380"	10	12200
0140530	125	5"	9.5	0.380"	12	12200

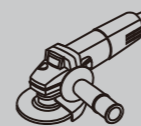
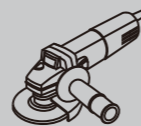
Application: granite, marble or other stone, concrete



COLOR BOX



Arbors & Bushings Available :
20-5/8"; 7/8"-5/8"; 22.23mm; DM;
DM-5/8"; 20mm; 1"



Diamond Blades

Diamond Blades

Brazing Diamond Stone Grinding Wheel

Item No.	Outer Diameter		Thickness		Working Height	RPM
	mm	Inch	mm	Inch		
0161601	100	4"	2.2	0.095"	20	11400

Arbors DM:16mm

Application: For grinding of glass ceramics, marble, quartz stone, stone and other materials



HANGING COLOR BOX

Brazing Multi-function Diamond Grinding Wheel

Item No.	Outer Diameter		Working Height	Bore	RPM
	mm	Inch			
0161611	100	4"	20	16	11400
0161612	125	5"	25	37	8000
0161613	150	6"	25	22.23	7800
0161614	200	8"	35	22.23	6100

Application: Used for grey cast iron, nodular cast iron, stone and hard brittle composite materials.



HANGING COLOR BOX

Brazing Multi-function Diamond Grinding Wheel

Item No.	Outer Diameter		Working Height	Bore	RPM
	mm	Inch			
0161621	100	4"	20	16	11400
0161622	125	5"	20	22.23	8000

Application: Used for rubber, tire, rubber conveyor belt, PVC and other composite materials



HANGING COLOR BOX

1. Single Row Cup Wheel

For rough work and rapid stock removal of concrete, stone and masonry. Use wet or dry.

Item No.	Outer Diameter		Segment Numbers	Segment size (mm)		RPM
	mm	inch		Length x Width x Thickness	Length x Width x Thickness	
0160604	125	5"	9	31x8x5	35x9x5	8000
0160606	180	7"	12	31x8x5	35x9x5	6700

Application: for grinding all kinds of marble, granite, concrete, and other construction materials, and ideal for beveling, smoothing and shaping



HANGING COLOR BOX

2. Double Row Cup Wheel

For Concrete, Stone and Masonry. Use wet or dry.

Item No.	Outer Diameter		Segment Numbers	Segment size(mm)		RPM
	mm	inch		Outer LxWxT	Inner LxWxT	
0160701	100	4"	16	30x8x5	20x8x5	11400
0160703	115	4-1/2"	18	30x8x5	20x8x5	10400
0160704	125	5"	18	31x8x5	22x8x5	8000
0160706	180	7"	24	35x8x5	28x8x5	6700

Arbor Types: M16; 5/8"-11F; 22.2mm-20; M14; 7/8"-5/8".

Application: concrete, clinkier, natural stone, screed

Grit Types: Aggressive; Coarse; Medium.



HANGING COLOR BOX

3. Turbo Cup Wheel

Finer Finish Grinding, Stone and Masonry. Use wet or dry.

Turbo 1

Item No.	Outer Diameter	Diameter	Segment	Segment	RPM
0160801	100	4"	20	5	11400
0160803	115	4-1/2"	20	5	10400
0160804	125	5"	20	5	8000
0160806	180	7"	20	5	6700

Application: stone, hard granite, hard brick



HANGING COLOR BOX

Twist Turbo 2

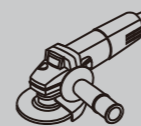
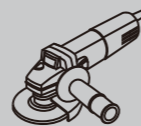
For Masonry and Stone; longer life over most cups in the market. Use wet or dry.

Item No.	Outer Diameter	Diameter	Segment	Segment	RPM	
						mm
0161101	100	4"	13	20	5	11400
0161103	115	4-1/2"	14	20	5	10400
0161104	125	5"	16	20	5	8000
0161106	180	7"	24	20	5	6700

The most efficient tools for fast grinding. With many holes on body, benefit for dissipate heat, which could extend the wheel's lifetime. Finishing of concrete, stone, and masonry material. Big holes on steel body provide more efficient to dust collection.



HANGING COLOR BOX



Diamond Blades

Turbo 3 with Aluminium Base

Item No.	Outer Diameter mm	Outer Diameter Inch	Segment Width mm	Segment Thickness mm	RPM
0161501	100	4"	20	5	11400

Advantage: for stone for fast grinding rough debarring, smooth shaping



HANGING COLOR BOX

4.Special Designed Cup Wheel

Type 1

Item No.	Outer Diameter mm	Outer Diameter Inch	Segment Numbers	Segment Thickness mm	RPM
0161001	100	4"	9	5	11400
0161004	125	5"	10	5	8000
0161005	150	6"	12	5	7800
0161006	180	7"	16	5	6700

Application: grinding hard and brittle materials, alloy materials



HANGING COLOR BOX

Type 2

Item No.	Outer Diameter mm	Outer Diameter Inch	Segment Numbers	Segment Thickness mm	RPM
0161903	122	4-13/16"	7	5	8000
0161901	150	6"	7	5	7800
0161902	180	7"	9	5	6700

Application: granite, marble, sandstone, limestone

Arbor Types: M16; 5/8"-11F;
22.2mm-20; M14; 7/8"-5/8".

Grit Types: Aggressive; Coarse; Medium.



HANGING COLOR BOX

Type 3

Item No.	Outer Diameter mm	Outer Diameter Inch	Segment Numbers	Segment Thickness mm	RPM
0161931	100	4"	6	5	11400
0161932	122	4-13/16"	8	5	8000
0161934	125	5"	8	5	8000
0161935	150	6"	10	5	7800
0161933	180	7"	12	5	6700

Application: grinding hard and brittle materials, alloy materials



HANGING COLOR BOX

Type 4

Item No.	Outer Diameter mm	Outer Diameter Inch	Segment Numbers	Segment Thickness mm	RPM
0161401	100	4"	8	5/6	11400
0161402	125	5"	10	5/6	8000
0161403	180	7"	14	5/6	6700

Application: stone, hard granite, hard brick



HANGING COLOR BOX

Type 5: PCD Cup Wheel

Item No.	Outer Diameter mm	Outer Diameter Inch	Segment Numbers	RPM
0161481	125	5"	6	8000
0161482	180	7"	6	6700
0161483	250	10"	5	6100

Application: stone, hard granite, hard brick



HANGING COLOR BOX

Type 7: Diamond Flat Stone

Item No.	Outer Diameter mm	Outer Diameter Inch	Segment Thickness mm	RPM
0161461	125	5"	20	8000
0161462	150	6"	20	7800

Application: metal, stainless steel



HANGING COLOR BOX

Flange For Cutting Discs

ITEM No.	Arbor	Outer Diameter mm	Outer Diameter Inch	RPM
0110801	M14S	100-150	4"-6"	15300-10100



Type 1

Type 2

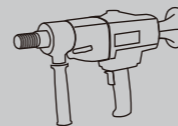
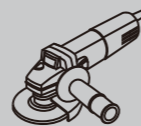


HANGING COLOR BOX



HANGING COLOR BOX

Diamond Blades



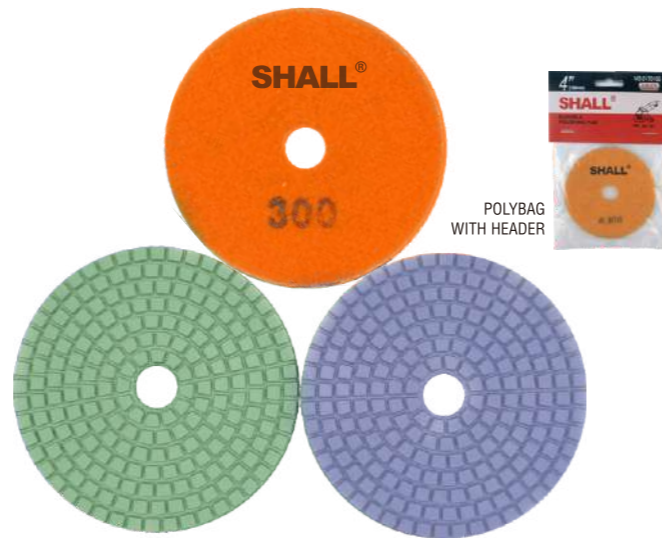
Diamond Blades

1. Wet Polishing Pad

Thickness 3mm

Item No.	Outer Diameter mm	Diameter Inch	Grit Size
0170116	100	4"	50
0170117	100	4"	100
0170119	100	4"	200
0170121	100	4"	400
0170123	100	4"	800
0170125	100	4"	1500
0170127	100	4"	3000
0170131	125	5"	50
0170132	125	5"	100
0170134	125	5"	200
0170136	125	5"	400
0170138	125	5"	800
0170140	125	5"	1500
0170142	125	5"	3000

Application: marble, granite, concrete, ceramic tiles



2. Dry Polishing Pad

Thickness 1mm

Item No.	Outer Diameter mm	Diameter Inch	Grit Size
0170216	100	4"	50
0170217	100	4"	100
0170219	100	4"	200
0170221	100	4"	400
0170223	100	4"	800
0170225	100	4"	1500
0170227	100	4"	3000
0170231	125	5"	50
0170232	125	5"	100
0170234	125	5"	200
0170236	125	5"	400
0170238	125	5"	800
0170240	125	5"	1500
0170242	125	5"	3000

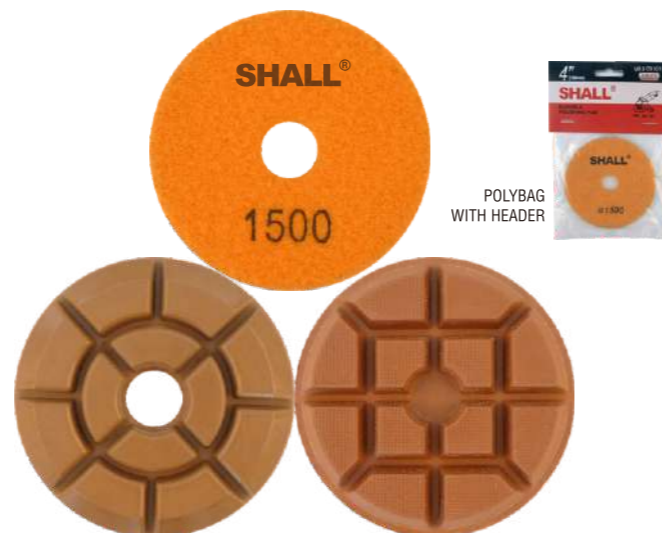
Application: marble, granite, concrete, ceramic tiles



3. Floor Polishing Pad

Thickness 10mm

Item No.	Outer Diameter mm	Diameter Inch	Grit Size
0170301	80	3-1/8"	50
0170302	80	3-1/8"	100
0170304	80	3-1/8"	200
0170306	80	3-1/8"	400
0170308	80	3-1/8"	800
0170310	80	3-1/8"	1500
0170312	80	3-1/8"	3000
0170316	100	4"	50
0170317	100	4"	100
0170319	100	4"	200
0170321	100	4"	400
0170323	100	4"	800
0170325	100	4"	1500
0170327	100	4"	3000



1. Diamond Core Bit With Thread 1-1/4"-7

Item No.	Outer Diameter mm	inch	Tube Length mm	inch	Total Length mm	inch	Working Height mm	Teeth No
0180102	22	7/8"	375	15"	425	17"	10	2T
0180105	25	1"	375	15"	425	17"	10	3T
0180108	28	1-1/8"	375	15"	425	17"	10	3T
0180112	32	1-1/4"	375	15"	425	17"	10	3T
0180115	35	1-3/8"	375	15"	425	17"	10	3T
0180118	38	1-1/2"	375	15"	425	17"	10	4T
0180124	44	1-3/4"	375	15"	425	17"	20	4T
0180130	50	2"	375	15"	425	17"	10	5T
0180137	57	2-1/4"	375	15"	425	17"	10	5T
0180144	64	2-1/2"	375	15"	425	17"	10	5T
0180156	76	3"	375	15"	425	17"	10	7T
0180159	89	3-1/2"	375	15"	425	17"	10	7T
0180170	100	4"	375	15"	425	17"	10	8T
0180172	115	4-1/2"	375	15"	425	17"	10	9T
0180175	125	5"	375	15"	425	17"	10	10T
0180178	138	5-1/2"	375	15"	425	17"	10	10T
0180160	150	6"	375	15"	425	17"	10	12T
0180165	180	7"	375	15"	425	17"	10	16T
0180170	200	8"	375	15"	425	17"	7	18T
0180175	230	9"	375	15"	425	17"	10	16T
0180180	250	10"	375	15"	425	17"	10	20T

Application: drilling reinforced concrete, natural stones, bricks, blocks & rock



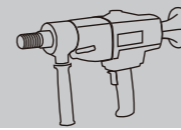
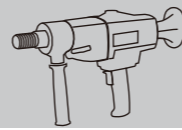
Diamond Blades

2. Electro-Plated Diamond Core Drill

Item No.	Outer Diameter mm	inch	Thickness mm	inch	Working Height mm	Shank Diameter mm	Total Length mm	Shank Length mm
0180201	5	3/16"	1.4	0.055	3-4	4.3	55	25
0180202	6	15/64"	1.4	0.055	3-4	5.3	55	25
0180203	8	5/16"	1.5	0.059	3-4	6	55	25
0180204	10	25/64"	1.5	0.059	3-4	6.5	55	25
0180205	12	15/32"	1.5	0.059	3-4	6.5	55	25
0180206	14	9/16"	1.5	0.059	3-4	6.5	55	25
0180207	16	5/8"	1.5	0.059	3-4	8	55	25
0180208	18	45/64"	1.5	0.059	3-4	8	55	25
0180209	20	25/32"	1.5	0.059	3-4	8	55	25
0180210	22	7/8"	1.5	0.059	3-4	8	55	25
0180211	25	1"	1.5	0.059	3-4	8	55	25
0180212	28	1-1/8"	1.5	0.059	3-4	8	55	25
0180213	30	1-3/16"	1.5	0.059	3-4	9.5	55	25
0180214	32	1-1/4"	1.5	0.059	3-4	9.5	55	25
0180215	35	1-3/8"	1.5	0.059	3-4	9.5	55	25
0180216	40	1-9/16"	1.5	0.059	3-4	9.5	55	25
0180217	45	1-3/4"	1.5	0.059	3-4	9.5	55	25
0180218	50	2"	1.5	0.059	3-4	9.5	55	25
0180219	55	2-1/4"	1.5	0.059	3-4	9.5	55	25
0180220	60	2-3/8"	1.5	0.059	3-4	9.5	55	25
0180221	65	2-1/2"	1.5	0.059	3-4	9.5	55	25
0180222	68	2-11/16"	1.8	0.07	3-4	9.5	55	25
0180223	70	2-3/4"	1.8	0.07	3-4	9.5	55	25
0180224	75	3"	1.8	0.07	3-4	9.5	55	25
0180225	80	3-1/8"	1.8	0.07	3-4	9.5	55	25
0180226	90	3-35/64"	1.8	0.07	3-4	9.5	55	25
0180227	100	4"	1.8	0.07	3-4	9.5	55	25
0180228	105	4-9/64"	1.8	0.07	3-4	9.5	55	25
0180229	110	4-3/8"	1.8	0.07	3-4	9.5	55	25
0180230	115	4-1/2"	1.8	0.07	3-4	9.5	55	25
0180231	120	4-7/8"	1.8	0.07	3-4	9.5	55	25

Application: glass, tile





3. Electro-Plated Diamond Core Drill (High-quality)

Item No.	Outer Diameter mm	Outer Diameter inch	Thickness mm	Thickness inch	Working Height mm	Shank Diameter mm	Total Length mm	Shank Length mm
0180251	5	3/16"	1.4	0.055	3.5-4.5	7.1	65	30
0180252	6	15/64"	1.4	0.055	3.5-4.5	7.1	65	30
0180253	8	5/16"	1.4	0.055	3.5-4.5	7.1	65	30
0180254	10	25/64"	1.4	0.055	3.5-4.5	7.8	65	30
0180255	12	15/32"	1.4	0.055	3.5-4.5	7.8	65	30
0180256	14	9/16"	1.4	0.055	3.5-4.5	7.8	65	30
0180257	16	5/8"	1.4	0.055	3.5-4.5	7.8	65	30
0180258	18	45/64"	1.6	0.063	3.5-4.5	9.5	65	30
0180259	20	25/32"	1.6	0.063	3.5-4.5	9.5	65	30
0180260	22	7/8"	1.6	0.063	3.5-4.5	9.5	65	30
0180261	25	1"	1.6	0.063	3.5-4.5	9.5	65	30
0180262	28	1-1/8"	1.6	0.063	3.5-4.5	9.5	65	30
0180263	30	1-3/16"	1.6	0.063	3.5-4.5	9.5	65	30
0180264	32	1-1/4"	1.6	0.063	3.5-4.5	9.5	65	30
0180265	35	1-3/8"	1.6	0.063	3.5-4.5	9.5	65	30
0180266	38	1-1/2"	1.6	0.063	3.5-4.5	9.5	65	30
0180267	40	1-9/16"	1.6	0.063	3.5-4.5	9.5	65	30
0180268	45	1-3/4"	1.6	0.063	3.5-4.5	9.5	65	30
0180269	50	2"	1.6	0.063	3.5-4.5	9.5	65	30
0180270	55	2-1/4"	1.6	0.063	3.5-4.5	9.5	65	30
0180271	60	2-3/8"	1.6	0.063	3.5-4.5	9.5	65	30
0180272	65	2-1/2"	1.6	0.063	3.5-4.5	9.5	65	30
0180273	68	2-11/16"	1.8	0.07	3.5-4.5	9.5	65	30
0180274	70	2-3/4"	1.8	0.07	3.5-4.5	9.5	65	30
0180275	75	3"	1.8	0.07	3.5-4.5	9.5	65	30
0180276	80	3-1/8"	1.8	0.07	3.5-4.5	9.5	65	30
0180277	90	3-35/64"	1.8	0.07	3.5-4.5	9.5	65	30
0180278	100	4"	1.8	0.07	3.5-4.5	9.5	65	30
0180279	105	4-9/64"	1.8	0.07	3.5-4.5	9.5	65	30
0180280	110	4-3/8"	1.8	0.07	3.5-4.5	9.5	65	30
0180281	115	4-1/2"	1.8	0.07	3.5-4.5	9.5	65	30
0180282	120	4-7/8"	1.8	0.07	3.5-4.5	9.5	65	30

Application: glass, marble, granite, tile, porcelain, lapidary



DOUBLE BLISTER

4. Electro-Plated Diamond Core Drill (with Central drill)

Item No.	Outer Diameter mm	Outer Diameter inch	Thickness mm	Thickness inch	Working Height mm	Shank Diameter mm	Total Length mm	Shank Length mm
0180601	16	5/8"	1.8	0.07	5-6	9.5	70	30
0180602	18	45/64"	1.8	0.07	5-6	9.5	70	30
0180603	20	25/32"	1.8	0.07	5-6	9.5	70	30
0180604	22	7/8"	1.8	0.07	5-6	9.5	70	30
0180605	25	1"	1.8	0.07	5-6	9.5	70	30
0180606	28	1-1/8"	1.8	0.07	5-6	9.5	70	30
0180607	30	1-3/16"	1.8	0.07	5-6	9.5	70	30
0180608	32	1-1/4"	1.8	0.07	5-6	9.5	70	30
0180609	35	1-3/8"	1.8	0.07	5-6	9.5	70	30
0180610	40	1-9/16"	1.8	0.07	5-6	9.5	70	30
0180611	45	1-3/4"	1.8	0.07	5-6	9.5	70	30
0180612	50	2"	1.8	0.07	5-6	9.5	70	30
0180613	55	2-1/4"	1.8	0.07	5-6	9.5	70	30
0180614	60	2-3/8"	1.8	0.07	5-6	9.5	70	30
0180615	65	2-1/2"	1.8	0.07	5-6	9.5	70	30
0180616	68	2-11/16"	1.8	0.07	5-6	9.5	70	30
0180617	70	2-3/4"	1.8	0.07	5-6	9.5	70	30
0180618	75	3"	1.8	0.07	5-6	9.5	70	30
0180619	80	3-1/8"	1.8	0.07	5-6	9.5	70	30
0180620	90	3-35/64"	1.8	0.07	5-6	9.5	70	30
0180621	100	4"	1.8	0.07	5-6	9.5	70	30
0180622	105	4-9/64"	1.8	0.07	5-6	9.5	70	30
0180623	110	4-3/8"	1.8	0.07	5-6	9.5	70	30
0180624	115	4-1/2"	1.8	0.07	5-6	9.5	70	30
0180625	120	4-7/8"	1.8	0.07	5-6	9.5	70	30

Application: glass, marble, granite, tile, porcelain, lapidary



DOUBLE BLISTER

5. Brazed Diamond Core Bit (Shank Type M14)

(Universal, wet/dry cutting, sharper than ordinary one, especial for cutting rebar)

Item No.	Outer Diameter mm	Outer Diameter inch	Thickness mm	Thickness inch	Working Height mm	Shank Diameter mm	Total Length mm	Shank Length mm
0180501	6	15/64"	1.8	0.07	8-10	22	60	20
0180502	8	5/16"	1.8	0.07	8-10	22	60	20
0180503	10	25/64"	1.8	0.07	8-10	22	60	20
0180504	12	15/32"	1.8	0.07	8-10	22	60	20
0180505	14	9/16"	1.8	0.07	8-10	22	60	20
0180506	16	5/8"	1.8	0.07	8-10	22	60	20
0180507	18	45/64"	2.8	0.11	8-10	27	60	20
0180508	20	25/32"	2.8	0.11	8-10	27	60	20
0180509	22	7/8"	2.8	0.11	8-10	27	60	20
0180510	25	1"	2.8	0.11	8-10	27	60	20
0180511	28	1-1/8"	2.8	0.11	8-10	27	60	20
0180512	30	1-3/16"	2.8	0.11	8-10	27	60	20
0180513	32	1-1/4"	2.8	0.11	8-10	27	60	20
0180514	35	1-3/8"	2.8	0.11	8-10	30	60	20
0180515	38	1-1/2"	2.8	0.11	8-10	30	60	20
0180516	40	1-9/16"	2.8	0.11	8-10	30	60	20
0180517	45	1-3/4"	2.8	0.11	8-10	30	60	20
0180518	50	2"	2.8	0.11	8-10	30	60	20
0180519	55	2-1/4"	2.8	0.11	8-10	30	60	20
0180520	60	2-3/8"	2.8	0.11	8-10	30	60	20
0180521	65	2-1/2"	2.8	0.11	8-10	30	60	20
0180522	68	2-11/16"	2.8	0.11	8-10	30	60	20
0180523	70	2-3/4"	2.8	0.11	8-10	30	60	20
0180524	75	3"	2.8	0.11	8-10	30	60	20
0180525	80	3-1/8"	2.8	0.11	8-10	30	60	20
0180526	90	3-35/64"	2.8	0.11	8-10	30	60	20
0180527	100	4"	2.8	0.11	8-10	30	60	20

Application: marble, granite, limestone, hard tile, porcelain, metal, concrete



HANGING COLOR BOX

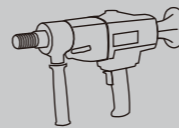
6. Brazed Diamond Core Bit

(Universal, wet/dry cutting, sharper than ordinary one, especial for cutting rebar)

Item No.	Outer Diameter mm	Outer Diameter inch	Thickness mm	Thickness inch	Working Height mm	Shank Diameter mm	Total Length mm	Shank Length mm
0180551	6	15/64"	1.8	0.07	8-10	6.3	67	33
0180552	8	5/16"	1.8	0.07	8-10	8.3	80	40
0180553	10	25/64"	1.8	0.07	8-10	8.3	80	40
0180554	12	15/32"	1.8	0.07	8-10	8.3	80	40

Application: marble, granite, limestone, hard tile, porcelain, metal, concrete





7. Diamond Core Bit With Thread 5/8"-11

Item No.	Outer Diameter		Tube Length		Total Length		Working Height	Teeth No
	mm	inch	mm	inch	mm	inch	mm	
0180405	25	1"	250	10"	275	11"	10	3T
0180408	38	1-1/2"	250	10"	275	11"	7	4T
0180420	50	2"	250	10"	275	11"	7	5T
0180421	50	2"	250	10"	275	11"	10	5T
0180425	60	2-3/8"	250	10"	275	11"	8	5T
0180430	64	2-1/2"	250	10"	275	11"	7	5T
0180431	64	2-1/2"	250	10"	275	11"	10	5T
0180448	76	3"	250	10"	275	11"	10	7T
0180455	89	3-1/2"	250	10"	275	11"	10	7T
0180453	79	3-1/8"	250	10"	275	11"	8	7T
0180460	100	4"	250	10"	275	11"	8	7T
0180465	115	4-1/2"	250	10"	275	11"	7	9T
0180470	120	4-7/8"	250	10"	275	11"	8	5T
0180475	125	5"	250	10"	275	11"	10	10T

Application: drilling reinforced concrete, natural stones, bricks, blocks & rock



HANGING COLOR BOX

8. Turbo Diamond Core Bit With Thread 1-1/4"-7

Item No.	Outer Diameter		Tube Length		Total Length		Working Height	Teeth No
	mm	inch	mm	inch	mm	inch	mm	
0180301	50	2"	250	10"	300	12"	7.0	5T
0180302	64	2-1/2"	250	10"	300	12"	7.0	6T
0180303	76	3"	250	10"	300	12"	7.0	7T
0180304	89	3-1/2"	250	10"	300	12"	7.0	8T
0180305	100	4"	250	10"	300	12"	7.0	9T
0180306	115	4-1/2"	350	14"	400	16"	7.0	9T
0180307	125	5"	350	14"	400	16"	7.0	10T
0180308	150	6"	350	14"	400	16"	7.0	12T

Thread Available: SDS-DI; 3-LOCH; R1/2"; 1-1/4-7UNC; 5/8-11UNC; M16; M18x1.5; M18x2.5; M22; M30x2.

Application: drilling reinforced concrete, natural stones, bricks, blocks & rock



HANGING COLOR BOX

9. Special Diamond Core Bit With Thread M16(Short Series)

Item No.	Outer Diameter		Tube Length		Total Length		Working Height	Teeth No
	mm	inch	mm	inch	mm	inch	mm	
0180711	32	1-1/4"	50	2"	75	3"	7	3T
0180720	50	2"	50	2"	75	3"	7	3T
0180722	52	2-1/16"	50	2"	75	3"	7	4T
0180734	64	2-1/2"	50	2"	75	3"	7	4T
0180738	68	2-11/16"	50	2"	75	3"	7	4T
0180745	75	3"	50	2"	75	3"	7	4T
0180762	82	3-1/4"	50	2"	75	3"	7	4T
0180772	92	3-5/8"	50	2"	75	3"	7	4T
0180780	100	4"	50	2"	75	3"	7	5T
0180790	110	4-3/8"	50	2"	75	3"	7	5T

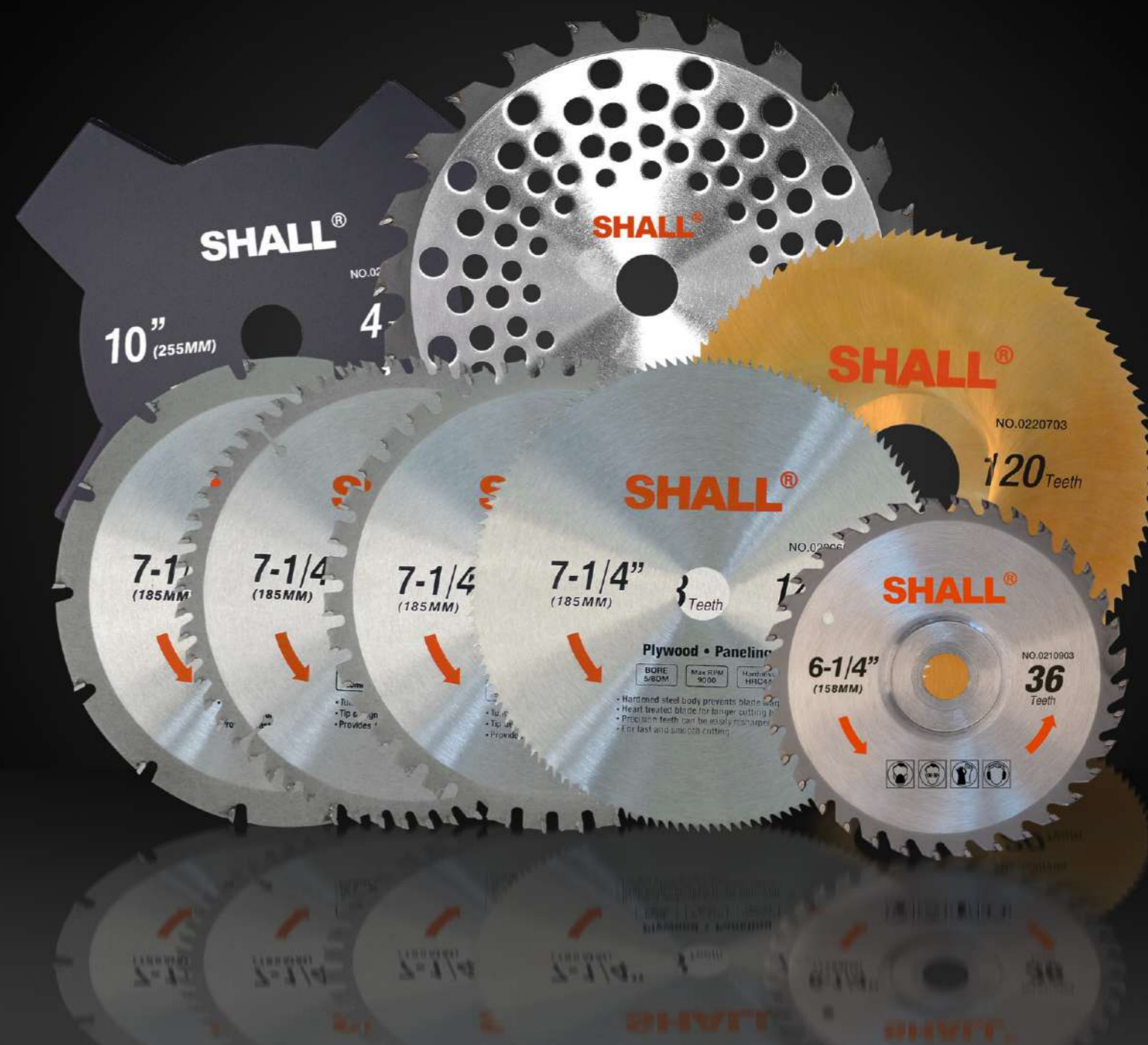
Application: drilling reinforced concrete, natural stones, bricks, blocks & rock

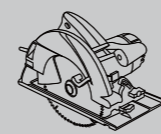


DOUBLE BLISTER

Circular Saw Blades Categories

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TCT Circular Saw Blade

Popular Tip Grinding & Angles

SOFT MATERIALS OR RIP BLADES REQUIRE AN ANGLE OF ABOUT 18° TO 22° ;

HARD MATERIALS ABOUT 6° ; FOR CUTTING ALUMINUM AND MELAMINE HAVE

A NEGATIVE HOOK ANGLE



FLAT TOP Soft and hard wood along the ripping
(FT)



ALTERNATE TOP General purpose
BEVEL
(ATB)



TRIPLE CHIP Hard material; Aluminum; non-ferrous material
(TCG)

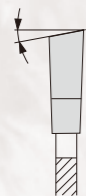
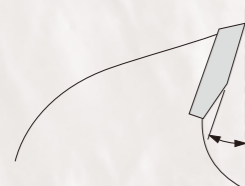
Other Tips



(MTCG)



6°-22°



8°-12°



1°-2°

1. TCT Circular Saw Blade

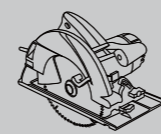
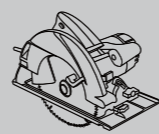
Item No.	Outer Diameter	Outer Diameter inch	Teeth Number	Plate Thickness	Teeth Width	Hook Angle	Grind	RPM
0210112	110	4-3/8"	20	1.2	1.8	18°	ATB	12000
0210113	110	4-3/8"	30	1.2	1.8	18°	ATB	12000
0210125	125	5"	24	1.2	1.8	18°	ATB	11000
0210123	125	5"	30	1.2	1.8	18°	ATB	11000
0210124	125	5"	40	1.2	1.8	18°	ATB	11000
0210363	136	5-3/8"	30	1.3	1.8	15°	ATB	12000
0210152	150	6"	20	1.3	1.7	18°	ATB	10000
0210153	150	6"	30	1.3	1.7	18°	ATB	10000
0210154	150	6"	40	1.3	1.7	18°	ATB	10000
0210852	185	7"	24	1.7	2.3	18°	ATB	9000
0210853	185	7"	30	1.7	2.3	18°	ATB	9000
0210854	185	7"	40	1.7	2.3	18°	ATB	9000
0210856	185	7"	60	1.7	2.3	18°	ATB	9000
0210202	200	8"	20	1.8	2.5	15°	ATB	8000
0210205	200	8"	24	1.8	2.5	15°	ATB	8000
0210207	200	8"	32	1.8	2.5	15°	ATB	8000
0210204	200	8"	40	1.8	2.5	15°	ATB	8000
0210217	210	8-1/4"	24	1.8	2.5	15°	ATB	7500
0210213	210	8-1/4"	32	1.8	2.5	15°	ATB	7500
0210214	210	8-1/4"	40	1.8	2.5	15°	ATB	7500
0210216	210	8-1/4"	60	1.8	2.5	15°	ATB	7500
0210235	230	9"	24	1.8	2.5	15°	ATB	7000
0210234	230	9"	40	1.8	2.5	15°	ATB	7000
0210239	230	9"	48	1.8	2.5	15°	ATB	7000
0210236	230	9"	60	1.8	2.5	15°	ATB	7000
0210255	250	10"	24	1.8	2.5	15°	ATB	6000
0210254	250	10"	40	1.8	2.5	15°	ATB	6000
0210256	250	10"	60	1.8	2.5	15°	ATB	6000
0210258	250	10"	80	1.8	2.5	15°	ATB	6000
0210305	300	12"	24	2.0	2.8	15°	ATB	5000
0210304	300	12"	40	2.0	2.8	15°	ATB	5000
0210306	300	12"	60	2.0	2.8	15°	ATB	5000
0210309	300	12"	96	2.0	2.8	15°	ATB	5000
0210314	315	12-1/2"	40	2.2	3.2	15°	ATB	4500
0210317	315	12-1/2"	48	2.2	3.2	15°	ATB	4500
0210318	315	12-1/2"	80	2.2	3.2	15°	ATB	4500
0210373	350	14"	32	2.5	3.5	15°	ATB	4000
0210374	350	14"	40	2.5	3.5	15°	ATB	4000
0210375	350	14"	54	2.5	3.5	15°	ATB	4000
0210378	350	14"	84	2.5	3.5	15°	ATB	4000
0210564	355	14"	40	2.2	3.0	15°	ATB	4000
0210456	450	18"	60	2.2	3.4	15°	ATB	3500
0210458	450	18"	80	2.2	3.4	15°	ATB	3500
0210450	450	18"	100	2.2	3.4	15°	ATB	3500
0210452	450	18"	120	2.2	3.4	15°	ATB	3500
0210505	500	20"	44	2.2	3.4	15°	ATB	3000
0210506	500	20"	60	2.2	3.4	15°	ATB	3000
0210509	500	20"	96	2.2	3.4	15°	ATB	3000
0210502	500	20"	120	2.2	3.4	15°	ATB	3000

Application: for cutting wood and plastics

Arbor Sizes Available: 20mm; 30mm; 1"; 5/8"; Universal



Circular Saw Blades



Circular Saw Blades

2. Thin Kerf TCT Circular Saw Blade

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	Plate Thickness	Teeth Width	Hook Angle	RPM
0216115	110	4-3/8"	24	0.8	1.2	18°	10000
0216113	110	4-3/8"	30	0.8	1.2	16°	10000
0216125	125	5"	24	0.8	1.2	18°	10000
0216123	125	5"	30	0.8	1.2	16°	10000
0216165	160	6-1/4"	24	1.0	1.5	18°	8000
0216167	160	6-1/4"	36	1.0	1.5	15°	8000
0216164	160	6-1/4"	40	1.0	1.5	15°	8000
0216655	165	6-1/2"	24	1.0	1.5	18°	8000
0216657	165	6-1/2"	36	1.0	1.5	15°	8000
0216654	165	6-1/2"	40	1.0	1.5	15°	8000
0216185	180	7"	24	1.0	1.5	18°	7200
0216187	180	7"	36	1.0	1.5	15°	7200
0216184	180	7"	40	1.0	1.5	15°	7200
0216855	185	7-1/4"	24	1.0	1.5	18°	7200
0216857	185	7-1/4"	36	1.0	1.5	15°	7200
0216854	185	7-1/4"	40	1.0	1.5	15°	7200
0216195	190	7-1/2"	24	1.0	1.5	18°	7200
0216197	190	7-1/2"	36	1.0	1.5	15°	7200
0216194	190	7-1/2"	40	1.0	1.5	15°	7200
0216251	250	10"	36	1.4	2.0	15°	5200
0216254	250	10"	40	1.4	2.0	15°	5200
0216259	250	10"	48	1.4	2.0	15°	5200

Application: It's designed for cutting both dry hard and soft wood, and also can be used to cut shaving board, wood fiber board, and joinery panel.

Arbor Sizes Available: 16mm, 20mm, 30mm (5/8", 3/4", 1-3/16"); Universal

3. Metal Cutting TCT Circular Saw Blade

Hardness:42HRC Tip Material:C4

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	Plate Thickness	Teeth Width	Hook Angle	Grind	RPM
0212102	100	4"	20	1.1	1.8	0°	MTCG	9000
0212115	115	4-1/2"	24	1.1	1.8	0°	MTCG	8500
0212353	135	5-3/8"	30	1.1	1.8	0°	MTCG	8000
0212355	135	5-3/8"	50	1.1	1.8	0°	MTCG	8000
0212148	140	6"	46	1.5	2.0	0°	MTCG	7500
0212187	180	7"	36	1.5	2.6	0°	MTCG	6200
0212189	180	7"	48	1.5	2.6	0°	MTCG	6200
0212856	185	7-1/4"	48	1.5	2.6	0°	MTCG	6200
0212855	185	7-1/4"	50	1.8	2.6	0°	MTCG	6200
0212216	210	8-1/4"	60	1.8	2.6	0°	MTCG	5000
0212256	250	10"	60	1.8	2.6	0°	MTCG	4500
0212258	250	10"	80	2.0	2.8	0°	MTCG	4500
0212306	300	12"	60	2.0	3.0	0°	MTCG	3800
0212538	305	12"	80	2.0	3.0	0°	MTCG	3800
0212357	350	14"	70	2.0	3.2	0°	MTCG	2200
0212555	355	14"	58	2.0	3.2	0°	MTCG	2200

4. Nail Cutting TCT Circular Saw Blade

Hardness:44HRC Tip Material:C4

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	Plate Thickness	Teeth Width	Hook Angle	Grind	RPM
0213655	165	6-1/2"	24	1.5	2.8	0°	FT	10000
0213187	180	7"	36	1.5	2.8	0°	FT	9000
0213851	185	7-1/4"	14	1.8	2.8	0°	FT	9000
0213852	185	7-1/4"	20	1.5	2.2	0°	FT	9000
0213259	250	10"	48	1.8	2.6	0°	FT	6000



Type I



Type II



DOUBLE BLISTER



5. Plastic Cutting TCT Circular Saw Blade

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	Plate Thickness	Teeth Width	Hook Angle	Grind	RPM
0214114	110	4-3/8"	40	1.2	2.0	-5°	TCG	12000
0214856	185	7-1/4"	60	1.5	2.6	-5°	TCG	8000
0214350	235	9-1/4"	100	2.0	3.0	-5°	TCG	6000
0214309	300	12"	96	2.2	3.2	-5°	TCG	4000
0214359	350	14"	96	2.2	3.2	-5°	TCG	3500
0214452	450	18"	108	3.0	4.0	-5°	TCG	3000



Circular Saw Blades

6. Aluminum Cutting TCT Circular Saw Blade

Hardness:44HRC Tip Material:C4

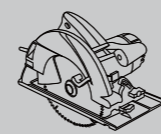
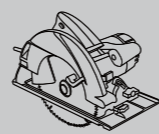
Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	Plate Thickness	Teeth Width	Hook Angle	Grind	RPM
0211114	110	4-3/8"	40	1.2	2.0	-5°	TCG	12000
0211514	115	4-1/2"	40	1.4	2.2	-5°	TCG	12000
0211167	160	6-1/4"	48	1.4	2.2	-5°	TCG	9500
0211169	160	6-1/4"	52	1.4	2.2	-5°	TCG	9500
0211166	160	6-1/4"	60	1.4	2.2	-5°	TCG	9500
0211185	180	7"	50	1.5	2.2	-5°	TCG	8000
0211186	180	7"	60	1.5	2.6	-5°	TCG	8000
0211854	185	7-1/4"	40	1.5	2.6	-5°	TCG	8000
0211859	185	7-1/4"	48	1.5	2.6	-5°	TCG	8000
0211856	185	7-1/4"	60	1.5	2.6	-5°	TCG	8000
0211858	185	7-1/4"	80	1.5	2.6	-5°	TCG	8000
0211199	190	7-1/2"	48	1.5	2.6	-5°	TCG	8000
0211196	190	7-1/2"	60	1.5	2.6	-5°	TCG	8000
0211206	200	8"	60	1.8	2.6	-5°	TCG	7000
0211208	200	8"	80	1.8	2.6	-5°	TCG	7000
0211216	210	8-1/4"	60	1.8	2.6	-5°	TCG	6500
0211219	210	8-1/4"	64	1.8	2.6	-5°	TCG	6500
0211217	210	8-1/4"	72	1.8	2.6	-5°	TCG	6500
0211614	216	8-1/2"	40	1.8	2.6	-5°	TCG	6500
0211619	216	8-1/2"	48	1.8	2.6	-5°	TCG	6500
0211616	216	8-1/2"	60	1.8	2.6	-5°	TCG	6500
0211236	230	9"	60	2.0	3.0	-5°	TCG	6000
0211238	230	9"	80	2.0	3.0	-5°	TCG	6000
0211350	235	9-1/4"	100	2.0	3.0	-5°	TCG	6000
0211256	250	10"	60	2.0	3.0	-5°	TCG	5000
0211258	250	10"	80	2.0	3.0	-5°	TCG	5000
0211250	250	10"	100	2.0	3.0	-5°	TCG	5000
0211546	254	10"	60	2.0	3.0	-5°	TCG	5000
0211548	254	10"	80	2.0	3.0	-5°	TCG	5000
0211550	255	10"	100	2.0	3.0	-5°	TCG	5000
0211551	255	10"	108	2.0	3.0	-5°	TCG	5000
0211552	255	10"	120	2.0	3.0	-5°	TCG	5000
0211309	300	12"	96	2.2	3.2	-5°	TCG	4000
0211300	300	12"	100	2.2	3.2	-5°	TCG	4000
0211302	300	12"	120	2.2	3.2	-5°	TCG	4000
0211359	350	14"	96	2.2	3.2	-5°	TCG	3500
0211350	350	14"	100	2.2	3.2	-5°	TCG	3500
0211351	350	14"	108	2.2	3.2	-5°	TCG	3500
0211352	350	14"	120	2.2	3.2	-5°	TCG	3500
0211568	355	14"	80	2.2	3.2	-5°	TCG	3500
0211560	355	14"	100	2.2	3.2	-5°	TCG	3500
0211409	400	16"	96	2.5	3.2	-5°	TCG	3000
0211402	400	16"	120	2.5	3.2	-5°	TCG	3000
0211410	405	16"	100	2.5	3.2	-5°	TCG	3000
0211451	450	18"	108	3.0	4.0	-5°	TCG	3000
0211452	450	18"	120	3.0	4.0	-5°	TCG	3000



DOUBLE BLISTER

Application: for cutting aluminium profiles, laminates, plexi, corian and other plastics negative angle of teeth

Arbor Sizes Available: 20mm; 30mm; 1"; 5/8"; Universal



Circular Saw Blades

Circular Saw Blades

1. Combination Rip & Crosscut Hardness: 44HRC

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	RPM
0200857	185	7-1/4"	32	9000
0200856	185	7-1/4"	60	9000
0200257	250	10"	36	6000
0200259	250	10"	42	6000

Hole Sizes Available: 7/8"-5/8"DM



2. Plywood/Paneling Hardness: 44HRC

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	RPM
0200603	185	7-1/4"	140	9000
0200609	185	7-1/4"	150	9000
0200605	250	10"	180	6000

Hole Sizes Available: 5/8"; 7/8"-5/8"DM



3. Standard Combination Hardness: 44HRC

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	RPM
0200125	125	5"	24	11000
0200128	125	5"	80	11000
0200148	140	5-1/2"	80	10500
0200155	150	6"	24	10000
0200158	150	6"	80	10000
0200168	160	6-1/2"	80	10000
0200183	180	7"	30	9000
0200187	180	7"	72	9000
0200192	190	7-1/2"	22	8500
0200197	190	7-1/2"	72	8500
0200217	210	8-1/4"	72	8000
0200237	230	9"	72	7000
0200253	250	10"	36	6000
0200250	250	10"	100	6000
0200300	300	12"	100	5000
0200350	350	14"	100	4500
0200403	400	16"	36	4000

Hole Sizes Available: 5/8"; 7/8"-5/8"DM



1. 4Teeth Plain Steel Saw Blade

Item No.	Outer Diameter mm	Outer Diameter inch	Plate Thickness	Teeth Number	RPM
0290111	115	4-1/2"	2.0	4	12000
0290112	125	5"	2.0	4	12000
0290113	130	5"	2.0	4	10500

2. 6Teeth Plain Steel Saw Blade

Item No.	Outer Diameter mm	Outer Diameter inch	Plate Thickness	Teeth Number	RPM
0290211	115	4-1/2"	2.0	6	12000
0290218	185	7-1/4"	2.0	6	9000
0290223	230	9"	2.0	6	7000

3. Depressed Center Saw Blade

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	Plate Thickness	Teeth Width	RPM
0290014	145	5-11/16"	40	1.7	2.5	10000
0290016	160	6-1/4"	20	1.7	2.5	10000
0290015	158	6-1/4"	36	1.7	2.5	10000
0290018	165	6-1/2"	40	1.7	2.5	10000

4. 3Teeth Saw Blade

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	Plate Thickness	Teeth Width	RPM
0290311	115	4-1/2"	3	3	3.8	12000

5. 6Teeth Saw Blade

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	Plate Thickness	Teeth Width	RPM
0290423	230	9"	6	3	3.8	7000

6. 8Teeth Saw Blade

Item No.	Outer Diameter mm	Outer Diameter inch	Teeth Number	Plate Thickness	Teeth Width	RPM
0290510	100	4"	8	2.4	4.0	12000



SKIN CARD



SKIN CARD



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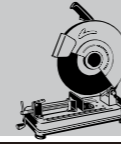
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SKIN CARD



SKIN CARD



HSS Circular Saw Blade

1. HSS Circular Saw Blade, Titanium Finish (Black Finish)
 Hardness: 60-65HRC
 Material: M2

Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Hub mm	Thickness mm	Teeth Number
0240041	40	1-5/8"	13	18	0.2	128
0240042	40	1-5/8"	13	18	1.0	64
0240043	40	1-5/8"	13	18	2.0	64
0240044	40	1-5/8"	13	18	3.0	48
0240051	50	2"	16	25	0.3	128
0240052	50	2"	16	25	0.5	100
0240053	50	2"	16	25	1.0	80
0240054	50	2"	16	25	2.0	80
0240631	63	2-1/2"	22	32	0.3	128
0240632	63	2-1/2"	22	32	0.5	128
0240633	63	2-1/2"	22	32	1.0	100
0240634	63	2-1/2"	22	32	1.5	80
0240635	63	2-1/2"	22	32	2.0	80
0240636	63	2-1/2"	22	32	2.5	64
0240801	80	3-1/8"	22	36	2.0	100
0240802	80	3-1/8"	22	36	2.5	80
0240803	80	3-1/8"	22	36	3.0	80
0240804	80	3-1/8"	22	36	4.0	64
0240101	100	4"	22	40	0.4	180
0240102	100	4"	22	40	0.5	160
0240103	100	4"	22	40	1.0	128
0240104	100	4"	22	40	2.5	100
0240105	100	4"	22	40	3.0	80
0240121	125	5"	22/25.4	40	0.4	200
0240122	125	5"	22/25.4	40	0.5	180
0240123	125	5"	22/25.4	40	1.0	160
0240124	125	5"	22/25.4	40	2.5	100
0240125	125	5"	22/25.4	40	3.0	100
0240151	150	6"	27/32	63	0.4	220
0240152	150	6"	27/32	63	0.5	200
0240153	150	6"	27/32	63	1.0	160
0240154	150	6"	27/32	63	2.5	128
0240155	150	6"	27/32	63	3.0	128
0240161	160	6-1/4"	32	63	0.4	220
0240162	160	6-1/4"	32	63	0.5	200
0240163	160	6-1/4"	32	63	1.0	160
0240164	160	6-1/4"	32	63	2.5	128
0240165	160	6-1/4"	32	63	3.0	128
0240181	180	7"	32	63	0.4	240
0240182	180	7"	32	63	0.5	220
0240183	180	7"	32	63	1.0	180
0240184	180	7"	32	63	2.5	100
0240185	180	7"	32	63	3.0	80
0240201	200	8"	32	63	0.4	240
0240202	200	8"	32	63	0.5	220
0240203	200	8"	32	63	1.0	200
0240204	200	8"	32	63	2.5	160
0240205	200	8"	32	63	3.0	128
0240221	220	8-5/8"	32	63	1.0	220
0240222	220	8-5/8"	32	63	2.5	180
0240231	230	9"	32	63	1.0	220
0240232	230	9"	32	63	2.5	180



DOUBLE BLISTER

HSS Circular Saw Blade

2. HSS Circular Saw Blade, Titanium Finish (Black Finish)
 Hardness: 60-65HRC
 Material: M2

Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Thickness mm	Teeth(BW) Number	Teeth(C) Number
0240251	250	10"	32	1.0	220	128
0240252	250	10"	32	1.2	250	128
0240253	250	10"	32	1.5	250	128
0240254	250	10"	32	1.6	250	128
0240255	250	10"	25.4/32/40	2.0	250	128
0240256	250	10"	25.4/32/40	2.5	250	128
0240257	250	10"	32	3.0	250	128
0240271	275	11"	32	1.6	250	140
0240272	275	11"	32/40	2.0	280	140
0240273	275	11"	25.4/32/40	2.5	280	140
0240274	275	11"	32/40	3.0	280	140
0240301	300	12"	32/40	1.6	300	160
0240302	300	12"	32/40	2.0	300	160
0240303	300	12"	32/38/40	2.5	300	160
0240304	300	12"	32/40	3.0	300	160
0240311	315	12-3/8"	32/40	1.6	300	160
0240312	315	12-3/8"	32/40	2.0	300	160
0240313	315	12-3/8"	32/40	2.5	300	160
0240314	315	12-3/8"	32/40	3.0	300	160
0240315	315	12-3/8"	32/40	3.5	300	160
0240321	325	13"	32/40	2.0	320	170
0240322	325	13"	32/40	2.5	320	170
0240323	325	13"	40	3.0	320	170
0240351	350	14"	32/40/50	1.8	350	180
0240352	350	14"	32/40/50	2.0	350	180
0240353	350	14"	32/40/50	2.5	350	180
0240354	350	14"	32/40/50	3.0	350	180
0240355	350	14"	32/40/50	3.5	350	180
0240371	375	15"	40/50	2.5	280	190
0240372	375	15"	32/40/50	3.0	280	190
0240373	375	15"	40	3.5	280	190
0240401	400	16"	40/50	2.5	280	200
0240402	400	16"	40/50	3.0	310	200
0240403	400	16"	40/50	3.5	310	200
0240404	400	16"	50	4.0	310	200



DOUBLE BLISTER

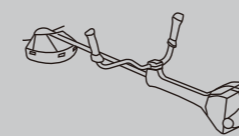
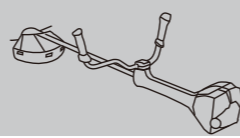
3. HSS Paper Cutter

Hardness: 62-64HRC
 Material: M2

Item No.	Outer Diameter mm	Outer Diameter inch	Hole Size	Thickness mm
0241125	125	5"	5/8"	1.5
0241181	180	7"	5/8"	2.4
0241201	200	8"	5/8"	2.4
0241254	254	10"	3/4"	2.4
0241301	300	12"	1"	3.2
0241351	350	14"	1"	3.2

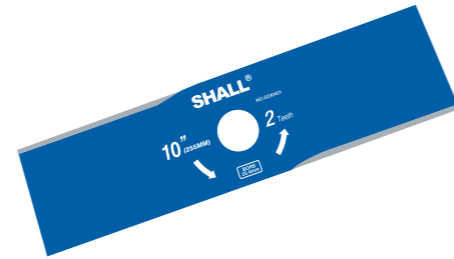


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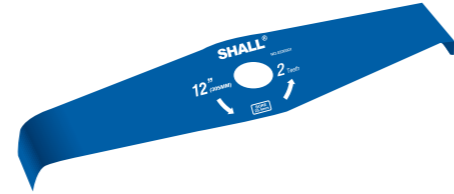


Circular Saw Blades

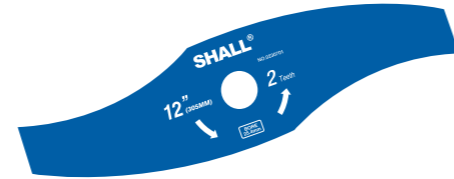
Item No.	Outer Diameter mm	Outer Diameter inch	Width mm	Bore mm	Plate Thickness mm	Teeth Number
0230401	255	10"	90	25.4	1.4	2T
0230402	255	10"	90	25.4	1.6	2T
0230403	305	12"	90	25.4	1.4	2T
0230404	305	12"	90	25.4	1.6	2T
0230405	355	14"	90	25.4	1.6	2T
0230406	355	14"	90	25.4	1.8	2T
0230407	400	16"	90	25.4	1.6	2T
0230408	400	16"	90	25.4	1.8	2T
0230409	450	18"	90	25.4	1.6	2T
0230410	450	18"	90	25.4	1.8	2T



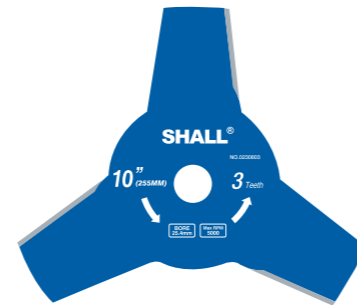
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0230501	305	12"	25.4(20)	3	2T
0230502	305	12"	25.4(20)	4	2T



Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0230701	305	12"	25.4(20)	1.6	2T
0230702	305	12"	25.4(20)	1.8	2T



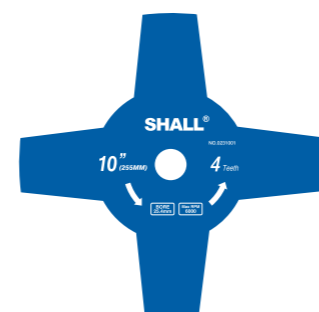
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0230801	230	9"	25.4	1.4	3T
0230802	230	9"	25.4	1.6	3T
0230803	255	10"	25.4	1.4	3T
0230804	255	10"	25.4	1.6	3T



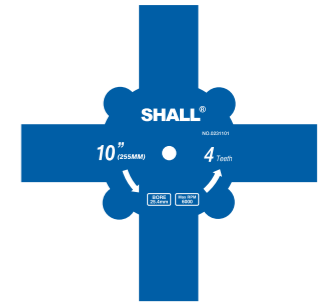
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0230901	300	12"	25.4(20)	3	3T
0230902	300	12"	25.4(20)	4	3T



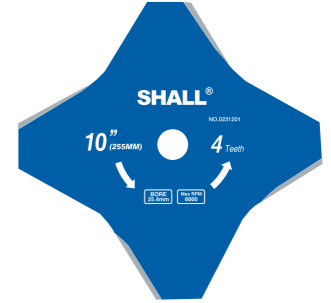
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0231001	255	10"	25.4	1.6	4T
0231002	255	10"	25.4	1.8	4T



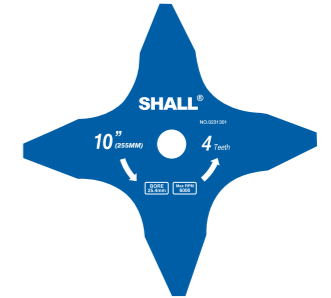
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0231101	255	10"	25.4	1.6	4T
0231102	255	10"	25.4	1.8	4T



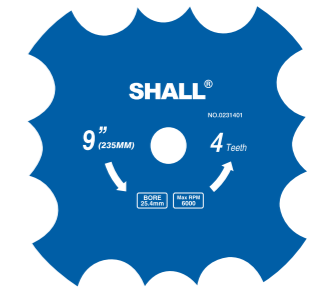
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0231201	255	10"	25.4	1.6	4T
0231202	255	10"	25.4	1.8	4T



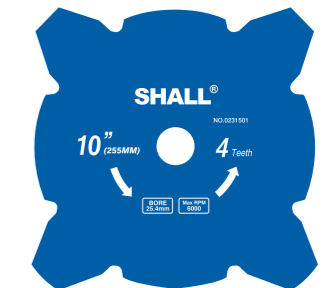
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0231301	255	10"	25.4	1.4	4T
0231302	255	10"	25.4	1.6	4T
0231303	255	10"	25.4	1.8	4T



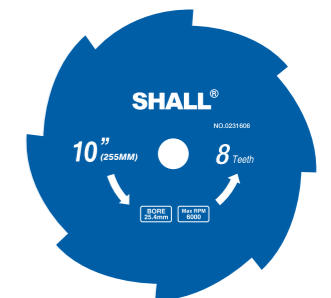
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0231401	235	9"	25.4	2.0	4T
0231402	255	10"	25.4	1.8	4T



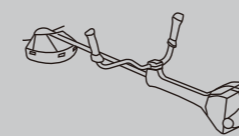
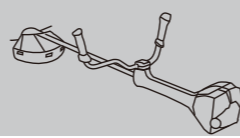
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0231501	255	10"	25.4	1.6	4T
0231502	255	10"	25.4	1.8	4T



Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0231601	200	8"	25.4	1.4	8T
0231602	200	8"	25.4	1.6	8T
0231603	230	9"	25.4	1.4	8T
0231604	230	9"	25.4	1.6	8T
0231605	230	9"	25.4	1.8	8T
0231606	255	10"	25.4	1.6	8T
0231607	255	10"	25.4	1.8	8T

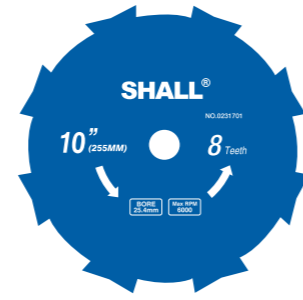


Circular Saw Blades



Circular Saw Blades

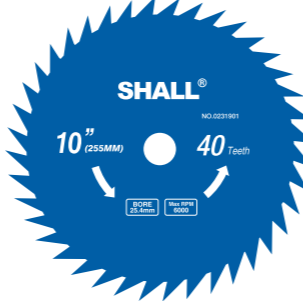
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0231701	255	10"	25.4	1.6	8T
0231702	255	10"	25.4	1.8	8T



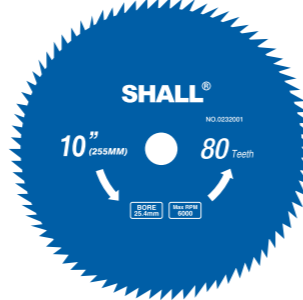
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0231801	255	10"	25.4	1.3	26T
0231802	255	10"	25.4	1.6	26T
0231803	305	12"	25.4	1.3	26T
0231804	305	12"	25.4	1.6	26T



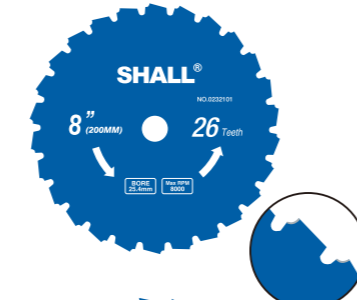
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0231901	255	10"	25.4	1.6	40T
0231902	255	10"	25.4	1.8	40T



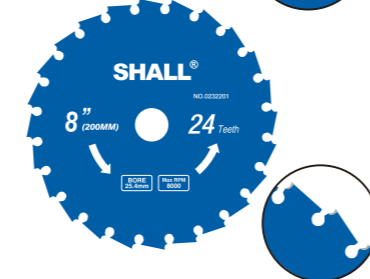
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0232001	255	10"	25.4	1.6	80T
0232002	255	10"	25.4	1.8	80T



Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0232101	200	8"	25.4	1.6	26T
0232102	200	8"	25.4	1.8	26T
0232103	230	9"	25.4	1.6	26T
0232104	230	9"	25.4	1.8	26T
0232105	255	10"	25.4	1.8	26T



Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0232201	200	8"	25.4	1.8	22/24T
0232202	230	9"	25.4	1.8	22/24T
0232203	255	10"	25.4	1.8	22/24T



Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0232301	230	9"	25.4	1.3	36T
0232302	255	10"	25.4	1.3	40T



Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0232401	230	9"	25.4	1.3	36T
0232402	255	10"	25.4	1.3	40T



Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0232501	230	9"	25.4	1.3	36T
0232502	255	10"	25.4	1.3	40T



Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0232601	230	9"	25.4	1.3	36T
0232602	255	10"	25.4	1.3	40T



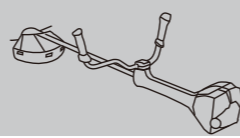
Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0232701	230	9"	25.4	1.3	36T
0232702	255	10"	25.4	1.3	40T



Item No.	Outer Diameter mm	Outer Diameter inch	Bore mm	Plate Thickness mm	Teeth Number
0232801	230	9"	25.4	1.3	36T
0232802	255	10"	25.4	1.3	40T



Circular Saw Blades



Circular Saw
Blades



Item No.	Model	Thread G	Trimmer Line mm
0261001	HIG HLIGHTS	M10	2.4/2.6/3.0



Item No.	Model	Thread G	Trimmer Line mm
0261002	Toro Ryobi	M10x1.25	2.4/2.6



Item No.	Model	Thread G	Trimmer Line mm
0261003	STIHL	M10/M12	2.0/2.4/2.8/3.0



Item No.	Model	Bore mm	Trimmer Line mm
0261004	Iron Pan	25.4	2.4/2.6



Item No.	Model	Thread G	Trimmer Line mm
0261005	Aluminium	M16	2.4/2.6/3.0

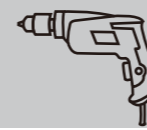
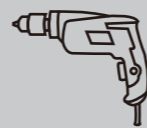


Item No.	Model	Thread G	Trimmer Line mm
0261006	Aluminium	M16	2.4/2.6/3.0

Drill Bits Categories

1. HSS Drill Bits	-----	34
2. Masonry Drill Bits	-----	40
3. Wood Drill Bits	-----	49
4. Wooden Biscuits	-----	55





DIN 338 HSS Twist Drills

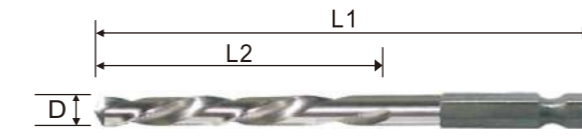
Metric Size Drills				
Item No.	Diameter D	Overall Length L1	Flute Length L2	Shank
0341503	1.0	34	12	Straight
0341509	1.5	40	18	Straight
0341515	2.0	49	24	Straight
0341521	2.5	57	30	Straight
0341527	3.0	61	33	Straight
0341533	3.5	70	39	Straight
0341539	4.0	75	43	Straight
0341545	4.5	80	47	Straight
0341551	5.0	86	52	Straight
0341556	5.5	93	57	Straight
0341562	6.0	93	57	Straight
0341565	6.5	101	63	Straight
0341568	7.0	109	69	Straight
0341571	7.5	109	69	Straight
0341573	8.0	117	75	Straight
0341575	8.5	117	75	Straight
0341577	9.0	125	81	Straight
0341579	9.5	125	81	Straight
0341581	10.0	133	87	Straight
0341584	10.5	133	87	Straight
0341586	11.0	142	94	Straight
0341588	11.5	142	94	Straight
0341590	12.0	151	101	Straight
0341591	12.5	151	101	Straight
0341592	13.0	151	101	Straight
0341813	13.5	160	108	Reduced
0341814	14.0	160	108	Reduced
0341815	14.5	169	114	Reduced
0341816	15.0	169	114	Reduced
0341817	15.5	178	120	Reduced
0341818	16.0	178	120	Reduced
0341819	16.5	184	125	Reduced
0341820	17.0	184	125	Reduced
0341821	17.5	191	130	Reduced
0341822	18.0	191	130	Reduced
0341823	18.5	198	135	Reduced
0341824	19.0	198	135	Reduced
0341825	19.5	205	140	Reduced
0341826	20.0	205	140	Reduced

ANSI B94.11M HSS Twist Drills

Fractional Size Drills				
Item No.	Diameter D	Overall Length L1	Flute Length L2	Shank
0365305	3/64	1-3/4	3/4	Straight
0365310	1/16	1-7/8	7/8	Straight
0365315	5/64	2	1	Straight
0365320	3/32	2-1/4	1-1/4	Straight
0365325	7/64	2-5/8	1-1/2	Straight
0365329	1/8	2-3/4	1-5/8	Straight
0365334	9/64	2-7/8	1-3/4	Straight
0365339	5/32	3-1/8	2	Straight
0365344	11/64	3-1/4	2-1/8	Straight
0365348	3/16	3-1/2	2-5/16	Straight
0365353	13/64	3-5/8	2-7/16	Straight
0365356	7/32	3-3/4	2-1/2	Straight
0365361	15/64	3-7/8	2-5/8	Straight
0365364	1/4	4	2-3/4	Straight
0365366	17/64	4-1/8	2-7/8	Straight
0365369	9/32	4-1/4	2-15/16	Straight
0365371	19/64	4-3/8	3-1/16	Straight
0365373	5/16	4-1/2	3-3/16	Straight
0365374	21/64	4-5/8	3-5/16	Straight
0365376	11/32	4-3/4	3-7/16	Straight
0365377	23/64	4-7/8	3-1/2	Straight
0365379	3/8	5	3-5/8	Straight
0365381	25/64	5-1/8	3-3/4	Straight
0365383	13/32	5-1/4	3-7/8	Straight
0365385	27/64	5-3/8	3-15/16	Straight
0365386	7/16	5-1/2	4-1/16	Straight
0365388	29/64	5-5/8	4-3/16	Straight
0365389	15/32	5-3/4	4-5/16	Straight
0365390	31/64	5-7/8	4-3/8	Straight
0365391	1/2	6	4-1/2	Straight
0341911	33/64	6-5/8	4-13/16	Reduced
0341912	17/32	6-5/8	4-13/16	Reduced
0341913	35/64	6-5/8	4-13/16	Reduced
0341914	9/16	6-5/8	4-13/16	Reduced
0341915	37/64	6-5/8	4-13/16	Reduced
0341916	19/32	7-1/8	5-3/16	Reduced
0341917	39/64	7-1/8	5-3/16	Reduced
0341918	5/8	7-1/8	5-3/16	Reduced
0341919	41/64	7-1/8	5-3/16	Reduced
0341920	21/32	7-1/8	5-5/8	Reduced
0341921	43/64	7-5/8	5-5/8	Reduced
0341922	11/16	7-5/8	5-5/8	Reduced
0341923	45/64	7-5/8	5-5/8	Reduced
0341924	23/32	7-25/32	5-5/8	Reduced
0341925	47/64	7-25/32	5-5/8	Reduced
0341926	3/4	8-1/16		Reduced

DIN 338 Hex Shank HSS Twist Drills Roll Forged, 135°

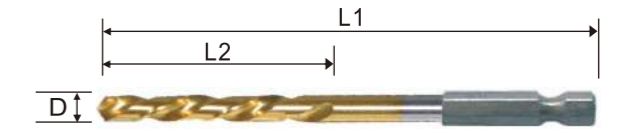
Metric Size Drills			
Item No.	Diameter D	Overall Length L1	Flute Length L2
0374050	1.5	61	18
0374051	2.0	70	24
0374052	2.5	78	30
0374053	3.0	82	33
0374058	4.0	96	43
0374063	5.0	107	52
0374068	6.0	114	57
0374070	6.5	122	63



Bright Finish

ANSI B94.11M Hex Shank HSS Twist Drills Fully Ground, 135° Split Point

Fractional Size Drills			
Item No.	Diameter D	Overall Length L1	Flute Length L2
0374100	1/16"	2-3/4"	29/32
0374101	5/64"	2-7/8"	1-1/32"
0374102	3/32"	3-1/16"	1-5/16"
0374103	7/64"	3-1/2"	1-1/2"
0374108	1/8"	3-5/8"	1-5/8"
0374113	5/32"	3-7/8"	2-1/16"
0374118	3/16"	4-3/8"	2-3/8"
0374120	1/4"	4-7/8"	2-7/8"



TIN Coated



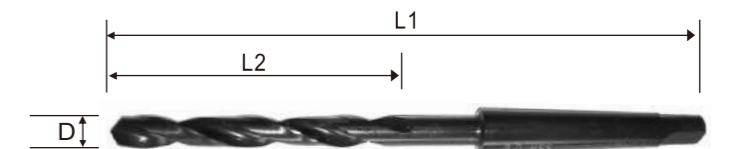
BLISTER CARD

DIN 345 Taper Shank Twist Drills Milled, 118° Split Point

Metric Size Drills					
Item No.	Diameter D	Overall Length L1	Flute Length L2	MTNO	
0366432	13	182	101	1	
0366436	14	189	108	1	
0366440	15	212	114	2	
0366444	16	218	120	2	
0366448	17	223	125	2	
0366452	18	228	130	2	
0366456	19	233	135	2	
0366460	20	238	140	2	
0366464	21	243	145	2	
0366468	22	248	150	2	
0366472	23	253	155	2	
0366476	24	281	160	3	
0366480	25	281	160	3	
0366484	26	286	165	3	
0366488	27	291	170	3	
0366492	28	291	170	3	
0366496	29	296	175	3	
0366500	30	296	175	3	
0366504	31	301	180	3	
0366508	32	334	185	4	
0366514	35	339	190	4	
0366524	40	349	200	4	
0366534	45	359	210	4	
0366544	50	369	220	4	
0366555	60	422	235	5	
0366565	70	437	250	5	
0366577	80	514	260	6	
0366587	90	524	270	6	
0366597	100	534	280	6	

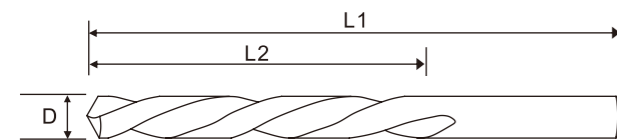
ANSI B94.11M Taper Shank Twist Drills Milled, 118° Split Point

Fractional Size Drills					
Item No.	Diameter D	DEC	Overall Length L1	Flute Length L2	MTNO
0366624	1/2	0.5	8-1/4	4-3/8	2
0366628	9/16	0.5625	8-3/4	4-7/8	2
0366630	19/32	0.5938	8-3/4	4-7/8	2
0366632	5/8	0.625	8-3/4	4-7/8	2
0366636	11/16	0.6875	9-1/4	5-3/8	2
0366638	23/32	0.7188	9-1/2	5-5/8	2
0366642	25/32	0.7813	9-7/8	6	2
0366644	13/16	0.8125	10-3/4	6-1/8	3
0366648	7/8	0.875	10-3/4	6-1/8	3
0366650	29/32	0.9063	10-3/4	6-1/8	3
0366652	15/16	0.9375	10-3/4	6-1/8	3
0366656	1	1	11	6-3/8	3
0366658	1-1/32	1.0313	11-1/8	6-1/2	3
0366660	1-1/16	1.0625	11-1/4	6-5/8	3
0366664	1-1/8	1.125	12-3/4	7-1/8	4
0366666	1-5/32	1.1563	12-7/8	7-1/4	4
0366668	1-3/16	1.1875	13	7-3/8	4
0366672	1-1/4	1.25	13-1/2	7-7/8	4
0366680	1-3/8	1.375	14-1/2	8-7/8	4
0366690	1-9/16	1.5625	16-5/8	9-5/8	5
0366697	1-25/32	1.7813	17-1/8	10-1/8	5
0366700	1-7/8	1.875	17-3/8	10-3/8	5
0366704	2	2	17-3/8	10-3/8	5
0366714	2-3/8	2.375	17-3/8	10-1/8	5
0366716	2-1/2	2.5	18-3/4	11-1/4	5
0366717	2-9/16	2.5625	19-1/2	11-7/8	5
0366720	2-3/4	2.75	20-3/8	12-3/4	5
0366722	2-7/8	2.875	21-1/8	13-3/8	5
0366724	3	3	21-3/4	14	5



Black Oxide

Production Technics: Roll Forged, Fully Ground, Milled.
Can Supply Following HSS Grade: 4241, 4341, 6542, M35 material
Angle: roll forged 118°, fully ground 135° split point
Surface Finishing: black finishing, bright finishing, Tin Coated, black & bronze, etc.
Different material, shank, coating and process are available.



Bright Finish



Black Oxide



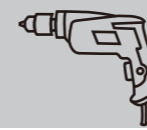
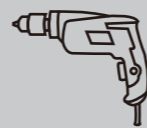
TIN Coated



Black/Bronze



BLISTER CARD



HSS Installation Drill, Extra-Length

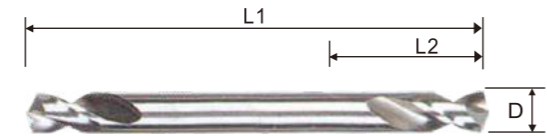
Item No.	Fractional Size Drills		Overall Length	
	Diameter mm	Diameter Inch	mm	Inch
0366931	6	1/4"	400	16"
0366932	8	5/16"	400	16"
0366933	10	3/8"	400	16"
0366934	12	1/2"	400	16"
0366935	14	9/16"	400	16"
0366936	16	5/8"	400	16"
0366937	18	11/16"	400	16"
0366938	20	3/4"	400	16"
0366939	22	7/8"	400	16"
0366940	26	1-1/16"	400	16"
0366941	6	1/4"	600	24"
0366942	8	5/16"	600	24"
0366943	10	3/8"	600	24"
0366944	12	1/2"	600	24"



Double End Stub

Fully Ground, 135° split point

Item No.	Diameter		Overall Length L1	Flute Length L2
	mm	Inch		
0366951	3.0	7/64"	49	9.5
0366952	3.2	1/8"	52	13
0366953	3.5	9/64"	52	13
0366954	4.0	5/32"	55	13
0366955	4.5	11/64"	58	16
0366956	4.8	3/16"	62	16
0366957	5.0	13/64"	62	16
0366958	6.0	15/64"	66	16



Bright Finish



BLISTER CARD

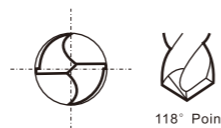
Drill Saw

Fully Ground, 118° Special Point, High-Speed, Titanium Nitride (TiN) Performance coating

Item No.	Size		Overall Length	
	mm	Inch	mm	Inch
0362001	3.0	7/64	70	2-3/4
0362002	3.5	1/8	73	2-7/8
0362003	4.0	5/32	83	3-1/4
0362004	4.5	11/64	86	3-3/8
0362005	4.8	3/16	89	3-1/2
0362006	5.2	13/64	95	3-3/4
0362007	5.5	7/32	95	3-3/4
0362008	6.0	15/64	95	3-3/4
0362010	6.5	1/4	105	4-1/8
0362011	7.0	17/64	105	4-1/8
0362012	7.5	9/32	111	4-3/8
0362013	8.0	5/16	114	4-1/2
0362018	8.5	21/64	121	4-3/4
0362016	9.0	11/32	124	4-7/8
0362017	9.5	23/64	127	5
0362018	10.0	3/8	127	5



TIN Coated



118° Point



BLISTER CARD

Tin-coated Hss Straight End Mill

Item No.	Diameter		Flute Length mm	Overall Length mm
	mm	Inch		
0353130	4	5/32"	11	43
0353131	6	1/4"	13	57
0353132	8	5/16"	19	63
0353133	10	3/8"	22	72
0353134	12	15/32"	26	83
0353135	16	5/8"	32	92



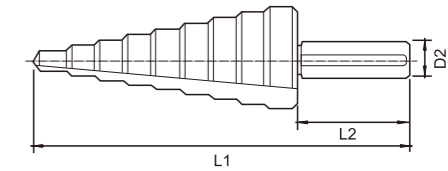
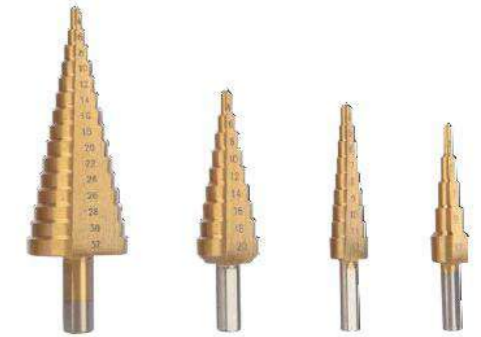
DOUBLE BLISTER



Straight Flute Step Drills (Metric)

High performance steel, straight grooved
118° pointed angle, 90° stepped angle

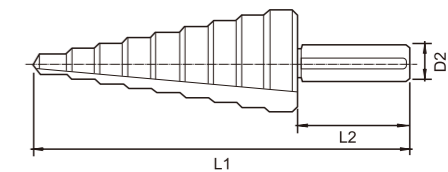
Item No.	Size (mm)	No. of Steps	Overall Length		Shank	
			L1 (mm)	Length L2 (mm)	Length L2 (mm)	Diam. D2 (mm)
0353040	4-12	5	62	22	6	6
0353041	4-12	9	68	22	6	6
0353042	4-20	9	71	22	8	8
0353043	4-22	10	73	22	8	8
0353044	4-30	13	95	22	10	10
0353045	4-32	14	102	22	10	10
0353046	4-39	13	97	25	10	10
0353047	5-35	13	73	25	13	13
0353048	4-40	16	103	25	12	12
0353049	10-45	9	98	25	13	13



Straight Flute Step Drills (Inch)

High performance steel, straight grooved
118° pointed angle, 90° stepped angle

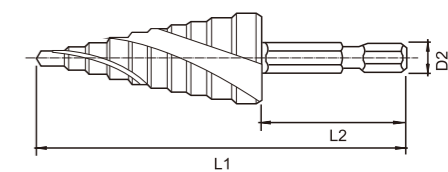
Item No.	Size (inch)	No. of Steps	Overall Length		Shank	
			L1 (inch)	Length L2 (inch)	Length L2 (inch)	Diam. D2 (inch)
0353030	3/16"-1/2"	6	2-13/64"	55/64"	1/4"	1/4"
0353031	1/8"-1/2"	13	2-53/64"	55/64"	1/4"	1/4"
0353032	1/4"-3/4"	9	2-51/64"	29/32"	3/8"	3/8"
0353033	3/16"-7/8"	12	3"	55/64"	3/8"	3/8"
0353034	1/4"-1-3/8"	10	3"	55/64"	3/8"	3/8"
0353035	7/16"-1-1/8"	12	2-51/64"	55/64"	3/8"	3/8"
0353036	9/16"-1"	8	3-1/32"	55/64"	3/8"	3/8"
0353037	13/16"-1-3/8"	10	3"	55/64"	3/8"	3/8"

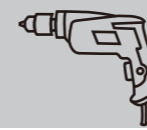
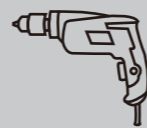


Spiral Flute Step Drills (Metric)

High performance steel, spiral grooved
118° pointed angle, 90° stepped angle

Item No.	Size (mm)	No. of Steps	Overall Length		Shank	
			L1 (mm)	Length L2 (mm)	Length L2 (mm)	Diam. D2 (mm)
0353010	4-12	5	62	22	6	6
0353011	4-12	9	71	22	6	6
0353012	4-20	9	71	22	8	8
0353013	4-22	10	85	22	8	8
0353014	6-30	13	93	22	10	10
0353015	4-32	14	98	22	10	10
0353016	4-35	15	98	22	10	10
0353017	4-39	13	108	25	10	10
0353018	5-35	13	73	25	13	13
0353019	10-45	9	98	25	13	13
0353020	6-60	12	113	25	13	13

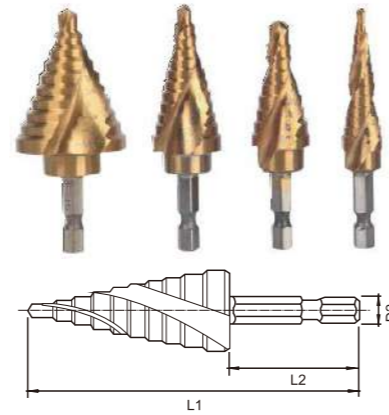




Spiral Flute Step Drills (Inch)

High performance steel, spiral grooved
118° pointed angle, 90° stepped angle

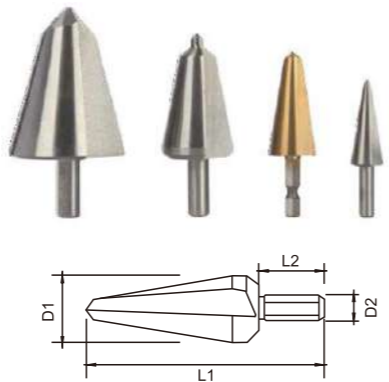
Item No.	Size (inch)	No. of Steps	Overall Length L1 (inch)	Shank Length L2 (inch)	Shank Diam. D2 (inch)
0353020	3/16"-1/2"	6	2-41/64"	55/64"	1/4"
0353021	1/8"-1/2"	13	2-29/32"	55/64"	1/4"
0353022	1/4"-3/4"	9	2-51/64"	55/64"	3/8"
0353023	3/16"-7/8"	12	3"	55/64"	3/8"
0353024	1/4"-1-3/8"	10	3"	55/64"	3/8"



Conical Drills

118° pointed angle, 20-30 cone angle
High performance steel

Item No.	Size (mm)	Overall Length L1 (mm)	D1 (mm)	Shank Length L2 (mm)	Shank Diam. D2 (mm)
0353061	3-14	58	14	20	6
0353062	5-20	71	20	22	8
0353063	16-30.5	76	30.5	22	10
0353064	4-30	103	30	22	10
0353065	20-50	86	50	25	10



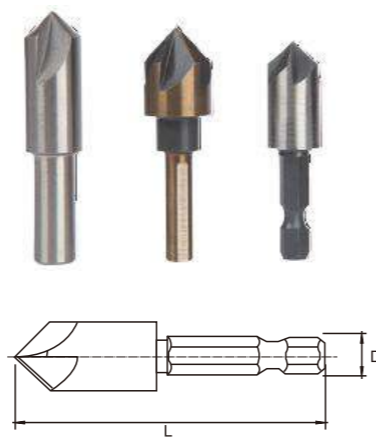
Countersink

Item No.	Size (mm)	Overall Length L (mm)	Shank Diam. D (mm)
0364051	1-4	40	4
0364052	2-5	45	6
0364053	5-10	48	8
0364054	10-15	65	10
0364055	15-20	85	12
0364056	20-25	102	15
0364057	25-30	115	15
0364058	30-35	127	15



Countersink

Item No.	Size (inch)	Overall Length L (inch)	Shank Diam. D (inch)
0364061	3/16"	1-1/2"	3/16"
0364062	1/4"	1-1/2"	1/4"
0364063	5/16"	1-5-8"	1/4"
0364064	3/8"	1-3/4"	1/4"
0364065	1/2"	2"	1/4"
0364066	5/8"	2-1/4"	3/8"
0364067	3/4"	2-5/8"	1/2"
0364068	7/8"	2-3/4"	1/2"
0364069	1"	2-3/4"	1/2"
0364070	1-1/4"	3"	3/4"
0364071	1-1/2"	3-1/4"	3/4"
0364072	2"	3-1/2"	3/4"

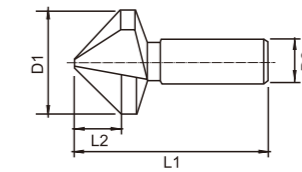


Countersink

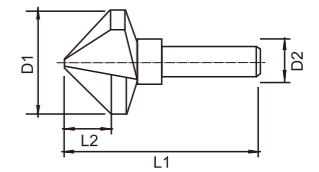
Used for parts of 60°, 90° hole chamfer or taper cutting machining.
Provide the lead in for a second machining operation, complete the cone of the processing times for the small amount.

Item No.	Size (mm)	Overall Length L1 (mm)	Flute Length L2 (mm)	Shank Diam. D2 (mm)	Type
0364001	6.3x60°	45	6.3	5	I
0364002	8x60°	50	8.0	6	I
0364003	10.4x60°	50	10	6	I
0364004	12.5x60°	56	11.2	8	I
0364005	16x60°	63	14	10	I
0364006	20x60°	67	17	10	I
0364007	25x60°	71	21.5	10	I
0364008	30x60°	73	26	12	I
0364009	31x60°	73	27	12	I
0364010	35x60°	82	31	12	I
0364011	40x60°	92	36	12	II
0364012	50x60°	100	45	12	II
0364013	60x60°	120	54	12	II
0364014	4.3x60°	40	3.5	4	I
0364015	5x90°	40	4	4	I
0364016	5.3x90°	40	4	4	I
0364017	5.8x90°	45	4.5	5	I
0364018	6x90°	45	4.5	5	I
0364019	6.3x90°	45	5.0	5	I
0364020	7x90°	50	5.0	6	I
0364021	7.3x90°	50	5.6	6	I
0364022	8x90°	50	5.6	6	I

Item No.	Size (mm)	Overall Length L1 (mm)	Flute Length L2 (mm)	Shank Diam. D2 (mm)	Type
0364023	8.3x90°	50	6	6	I
0364024	9.4x90°	50	6.7	6	I
0364025	10x90°	50	7.1	6	I
0364026	10.4x90°	50	7.1	6	I
0364027	11.5x90°	56	7.5	8	I
0364028	12.4x90°	56	8	8	I
0364029	13.4x90°	56	8.5	8	I
0364030	15x90°	60	9	10	I
0364031	16.5x90°	60	10	10	I
0364032	19x90°	63	11.2	10	I
0364033	20.5x90°	63	12.5	10	I
0364034	23x90°	67	13.2	10	I
0364035	25x90°	67	15	10	I
0364036	26x90°	67	15	10	I
0364037	28x90°	71	16	12	I
0364038	30x90°	71	18	12	I
0364039	31x90°	71	18	12	I
0364040	35x90°	82	21	12	II
0364041	40x90°	92	23	12	II
0364042	50x90°	100	28.5	12	II
0364043	60x90°	120	33.8	12	II



Type I



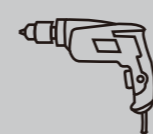
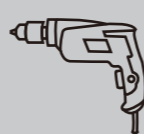
Type II

Adjustable Hand Reamer

Item No.	Diameter mm	Diameter Inch	Working Diameter mm	Overall Length mm
0307111	4.5	11/64"	7.75-8.5	108
0307112	4.5	11/64"	8.5-9.25	112
0307113	5.5	13/64"	9.25-10	115
0307114	5.5	13/64"	10-10.75	125
0307115	6.4	17/64"	10.75-11.75	130
0307116	7.4	19/64"	11.75-12.75	135
0307117	7.4	19/64"	12.75-13.75	140
0307118	8	5/16"	13.75-15.25	160
0307119	9	11/32"	15.25-17	165

Item No.	Diameter mm	Diameter Inch	Working Diameter mm	Overall Length mm
0307120	10	3/8"	17-19	175
0307121	11.4	29/64"	19-21	181
0307122	11.4	29/64"	21-23	196
0307123	12.5	31/64"	23-26	224
0307124	14	9/16"	26-29.5	247
0307125	19	3/4"	29.5-33.5	272
0307126	21	7/8"	33.5-38	315
0307127	24	15/16"	38-44	346
0307128	30	1-3/16"	44-54	400





Masonry Drill Bit

Standard Length

Item No.	Diameter		Length		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0313201	1/8"	3	2-3/8"	60	1/8"	3
0313202	1/8"	3	2-3/4"	70	1/8"	3
0313203	1/8"	3	3"	75	1/8"	3
0313204	5/32"	4	3"	75	5/32"	4
0313205	5/32"	4	3-1/8"	80	5/32"	4
0313206	5/32"	4	3-11/32"	85	5/32"	4
0313207	11/64"	4.5	3"	75	11/64"	4.5
0313208	11/64"	4.5	3-1/8"	80	11/64"	4.5
0313210	3/16"	5	3-11/32"	85	3/16"	5
0313211	3/16"	5	3-9/16"	90	3/16"	5
0313212	3/16"	5	4"	100	3/16"	5
0313213	3/16"	5	6"	150	3/16"	5
0313215	7/32"	5.5	3-11/32"	85	7/32"	5.5
0313216	7/32"	5.5	6"	150	7/32"	5.5
0313219	1/4"	6	4"	100	1/4"	6
0313220	1/4"	6	4-3/8"	110	1/4"	6
0313221	1/4"	6	6"	150	1/4"	6
0313225	17/64"	6.5	4"	100	17/64"	6.5
0313226	17/64"	6.5	6"	150	17/64"	6.5
0313229	9/32"	7	4"	100	9/32"	7
0313230	9/32"	7	4-3/8"	110	9/32"	7
0313231	9/32"	7	4-3/4"	120	9/32"	7
0313232	9/32"	7	6"	150	9/32"	7
0313235	19/64"	7.5	4"	100	19/64"	7.5
0313239	5/16"	8	4-1/2"	115	5/16"	8
0313240	5/16"	8	4-3/4"	120	5/16"	8
0313241	5/16"	8	6"	150	5/16"	8
0313244	11/32"	8.5	4-3/4"	120	11/32"	8.5
0313248	23/64"	9	4-3/4"	120	23/64"	9
0313251	3/8"	9.5	4-3/4"	120	3/8"	9.5
0313255	25/64"	10	4-3/4"	120	25/64"	10
0313256	25/64"	10	5"	125	25/64"	10
0313257	25/64"	10	6"	150	25/64"	10
0313260	7/16"	11	6"	150	7/16"	11
0313265	15/32"	12	4-3/4"	120	15/32"	12
0313266	15/32"	12	6"	150	15/32"	12
0313269	1/2"	13	6"	150	1/2"	13
0313273	9/16"	14	6"	150	1/2"	13
0313278	19/32"	15	6"	150	1/2"	13
0313281	5/8"	16	6"	150	1/2"	13
0313282	5/8"	16	6-5/16"	160	1/2"	13
0313285	23/32"	18	6-5/16"	160	1/2"	13
0313289	3/4"	19	6-5/16"	160	1/2"	13
0313292	13/16"	20	6-5/16"	160	1/2"	13
0313295	7/8"	22	6-5/16"	160	1/2"	13

Extra Length

Item No.	Diameter		Length		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0313006	1/4"	6	8"	200	1/4"	6
0313008	5/16"	8	8"	200	5/16"	8
0313010	25/64"	10	8"	200	25/64"	10
0313012	15/32"	12	8"	200	15/32"	12
0313014	9/16"	14	8"	200	1/2"	13
0313016	5/8"	16	8"	200	1/2"	13
0313018	23/32"	18	8"	200	1/2"	13
0313020	13/16"	20	8"	200	1/2"	13
0313031	1/4"	6	12"	300	1/4"	6
0313032	17/64"	6.5	12"	300	17/64"	6.5
0313033	9/32"	7	12"	300	9/32"	7
0313034	5/16"	8	12"	300	5/16"	8
0313035	23/64"	9	12"	300	23/64"	9
0313036	25/64"	10	12"	300	25/64"	10
0313037	15/32"	12	12"	300	15/32"	12
0313038	1/2"	13	12"	300	1/2"	13
0313039	9/16"	14	12"	300	1/2"	13
0313040	5/8"	16	12"	300	1/2"	13
0313041	23/32"	18	12"	300	1/2"	13
0313042	3/4"	19	12"	300	1/2"	13
0313051	1/4"	6	16"	400	1/4"	6
0313052	5/16"	8	16"	400	5/16"	8
0313053	25/64"	10	16"	400	25/64"	10
0313054	15/32"	12	16"	400	15/32"	12
0313055	1/2"	13	16"	400	1/2"	13
0313056	9/16"	14	16"	400	1/2"	13
0313057	5/8"	16	16"	400	1/2"	13
0313058	23/32"	18	16"	400	1/2"	13
0313059	13/16"	20	16"	400	1/2"	13
0313060	7/8"	22	16"	400	1/2"	13

Finish Available: Zinc, Sandblast, Chrome coating, Nickel-plated, Yellow Color Finish, etc



BLISTER CARD

Universal Masonry Drill Bit

Standard Length

Item No.	Diameter		Length		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0314201	1/8"	3	2-3/8"	60	1/8"	3
0314203	5/32"	4	3"	75	5/32"	4
0314207	11/64"	4.5	3"	75	11/64"	4.5
0314210	3/16"	5	3-11/32"	85	3/16"	5
0314211	3/16"	5	3-9/16"	90	3/16"	5
0314212	3/16"	5	4"	100	3/16"	5
0314219	1/4"	6	4"	100	1/4"	6
0314225	17/64"	6.5	4"	100	17/64"	6.5
0314229	9/32"	7	4"	100	9/32"	7
0314222	1/4"	6	4-3/4"	120	1/4"	6
0314231	9/32"	7	4-3/4"	120	5/16"	8
0314240	5/16"	8	4-3/4"	120	5/16"	8
0314244	11/32"	8.5	4-3/4"	120	11/32"	8.5
0314248	23/64"	9	4-3/4"	120	23/64"	9
0314255	25/64"	10	4-3/4"	120	25/64"	10
0314265	15/32"	12	4-3/4"	120	15/32"	12
0314268	1/2"	13	4-3/4"	120	1/2"	13
0314272	9/16"	14	4-3/4"	120	9/16"	14
0314277	19/32"	15	4-3/4"	120	19/32"	15
0314280	5/8"	16	4-3/4"	120	5/8"	16
0314284	23/32"	18	4-3/4"	120	23/32"	18
0314221	1/4"	6	6"	150	1/4"	6
0314241	5/16"	8	6"	150	5/16"	8
0314257	25/64"	10	6"	150	25/64"	10
0314260	7/16"	11	6"	150	7/16"	11
0314266	15/32"	12	6"	150	15/32"	12
0314269	1/2"	13	6"	150	1/2"	13
0314273	9/16"	14	6"	150	1/2"	13
0314278	19/32"	15	6"	150	1/2"	13
0314281	5/8"	16	6"	150	1/2"	13
0314282	5/8"	16	6-1/4"	160	1/2"	13
0314285	23/32"	18	6-1/4"	160	1/2"	13
0314289	3/4"	19	6-1/4"	160	1/2"	13
0314292	13/16"	20	6-1/4"	160	1/2"	13

Extra Length

Item No.	Diameter		Length		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0314305	3/16"	5	12"	300	3/16"	5
0314306	1/4"	6	12"	300	1/4"	6
0314307	17/64"	6.5	12"	300	17/64"	6.5
0314308	5/16"	8	12"	300	5/16"	8
0314310	25/64"	10	12"	300	25/64"	10
0314312	15/32"	12	12"	300	15/32"	12
0314313	1/2"	13	12"	300	1/2"	13
0314316	5/8"	16	12"	300	1/2"	13
0314319	3/4"	19	12"	300	1/2"	13
0314320	13/16"	20	12"	300	1/2"	13
0314341	1/4"	6	16"	400	1/4"	6
0314342	5/16"	8	16"	400	5/16"	8
0314343	25/64"	10	16"	400	25/64"	10
0314344	15/32"	12	16"	400	15/32"	12
0314345	9/16"	14	16"	400	1/2"	13
0314346	5/8"	16	16"	400	1/2"	13
0314347	23/32"	18	16"	400	1/2"	13
0314348	13/16"	20	16"	400	1/2"	13
0314361	5/16"	8	24"	600	5/16"	8
0314362	25/64"	10	24"	600	25/64"	10
0314363	15/32"	12	24"	600	15/32"	12
0314364	9/16"	14	24"	600	1/2"	13
0314365	5/8"	16	24"	600	1/2"	13
0314366	23/32"	18	24"	600	1/2"	13
0314367	13/16"	20	24"	600	1/2"	13
0314368	1"	25	24"	600	1/2"	13



Fast Spiral Masonry Drill Bit

Item No.	Diameter		Length	
	Inch	Metric	Inch	Metric
0314101	1/8"	3	2-3/8"	60
0314103	1/8"	3	3"	75
0314105	5/32"	4	3"	75
0314110	3/16"	5	3-11/32"	85
0314112	3/16"	5	4"	100
0314119	1/4"	6	4"	100
0314125	17/64"	6.5	4"	100
0314129	9/32"	7	4"	100
0314138	5/16"	8	4"	100
0314150	3/8"	9.5	4"	100
0314153	25/64"	10	4"	100
0314159	7/16"	11	4"	100
0314168	1/2"	13	4"	100
0314113	3/16"	5	6"	150

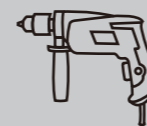
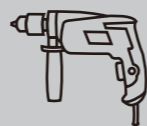
Item No.	Diameter		Length	
	Inch	Metric	Inch	Metric
0314121	1/4"	6	6"	150
0314126	17/64"	6.5	6"	150
0314132	9/32"	7	6"	150
0314141	5/16"	8	6"	150
0314152	3/8"	9.5	6"	150
0314157	25/64"	10	6"	150
0314160	7/16"	11	6"	150
0314169	1/2"	13	6"	150
0314173	9/16"	14	6"	150
0314181	5/8"	16	6"	150
0314184	23/32"	18	6"	150
0314188	3/4"	19	6"	150
0314194	7/8"	22	6"	150
0314198	1"	25	6"	150



BLISTER CARD



BLISTER CARD

**SDS Plus Shank Electric Hammer Drill**

“—” Tip



Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0316076	1/4"	6	4-3/8"	110
0316083	5/16"	8	4-3/8"	110
0316090	25/64"	10	4-3/8"	110
0316077	1/4"	6	6-1/4"	160
0316082	9/32"	7	6-1/4"	160
0316084	5/16"	8	6-1/4"	160
0316091	25/64"	10	6-1/4"	160
0316102	15/32"	12	6-1/4"	160
0316111	1/2"	13	6-1/4"	160
0316802	9/16"	14	6-1/4"	160
0316122	5/8"	16	6-1/4"	160
0316078	1/4"	6	8-1/4"	210
0316085	5/16"	8	8-1/4"	210
0316092	25/64"	10	8-1/4"	210
0316103	15/32"	12	8-1/4"	210
0316117	9/16"	14	8-1/4"	210
0316123	5/8"	16	8-1/4"	210
0316810	23/32"	18	8-1/4"	210
0316086	5/16"	8	10-1/4"	260
0316093	25/64"	10	10-1/4"	260
0316104	15/32"	12	10-1/4"	260
0316118	9/16"	14	10-1/4"	260
0316125	5/8"	16	10-1/4"	260
0316131	23/32"	18	10-1/4"	260
0316139	13/16"	20	10-1/4"	260
0316827	5/16"	8	12-3/16"	310

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0316095	25/64"	10	12-3/16"	310
0316106	15/32"	12	12-3/16"	310
0316119	9/16"	14	12-3/16"	310
0316126	5/8"	16	12-3/16"	310
0316132	23/32"	18	12-3/16"	310
0316835	5/16"	8	14"	350
0316096	25/64"	10	14"	350
0316107	15/32"	12	14"	350
0316120	9/16"	14	14"	350
0316108	15/32"	12	16"	400
0316836	9/16"	14	16"	400
0316837	5/8"	16	16"	400
0316838	23/32"	18	16"	400
0316097	25/64"	10	18"	450
0316121	9/16"	14	18"	450
0316128	5/8"	16	18"	450
0316134	23/32"	18	18"	450
0316109	15/32"	12	18-1/8"	460
0316870	25/64"	10	24"	600
0316871	15/32"	12	24"	600
0316874	5/8"	16	24"	600
0316894	15/32"	12	32"	800
0316893	15/32"	12	36-3/4"	920
0316896	13/16"	20	36-3/4"	920
0316889	5/8"	16	40"	1000



PLASTIC HANGER

SDS Plus Shank Electric Hammer Drill

“X” Tip



Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0317901	5/32"	4	4-3/8"	110
0317902	3/16"	5	4-3/8"	110
0317903	1/4"	6	4-3/8"	110
0317904	5/16"	8	4-3/8"	110
0317905	25/64"	10	4-3/8"	110
0317906	3/16"	5	6-1/4"	160
0317907	1/4"	6	6-1/4"	160
0317908	9/32"	7	6-1/4"	160
0317909	5/16"	8	6-1/4"	160
0317910	25/64"	10	6-1/4"	160
0317911	15/32"	12	6-1/4"	160
0317912	9/16"	14	6-1/4"	160
0317914	3/16"	5	8-1/4"	210
0317915	1/4"	6	8-1/4"	210
0317916	5/16"	8	8-1/4"	210
0317917	25/64"	10	8-1/4"	210
0317918	15/32"	12	8-1/4"	210
0317919	9/16"	14	8-1/4"	210
0317920	5/8"	16	8-1/4"	210
0317922	1/4"	6	10-1/4"	260
0317923	5/16"	8	10-1/4"	260
0317924	25/64"	10	10-1/4"	260
0317925	15/32"	12	10-1/4"	260
0317926	9/16"	14	10-1/4"	260
0317927	5/8"	16	10-1/4"	260
0317928	23/32"	18	10-1/4"	260
0317930	1/4"	6	12-3/16"	310
0317931	5/16"	8	12-3/16"	310
0317932	25/64"	10	12-3/16"	310
0317933	15/32"	12	12-3/16"	310
0317934	9/16"	14	12-3/16"	310
0317935	5/8"	16	12-3/16"	310
0317936	23/32"	18	12-3/16"	310
0317937	13/16"	20	12-3/16"	310

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0317938	5/16"	8	14"	350
0317939	25/64"	10	14"	350
0317940	15/32"	12	14"	350
0317941	9/16"	14	14"	350
0317942	23/32"	18	14"	350
0317944	5/16"	8	16-3/16"	410
0317945	25/64"	10	16-3/16"	410
0317946	15/32"	12	16-3/16"	410
0317947	9/16"	14	16-3/16"	410
0317948	5/8"	16	16-3/16"	410
0317949	23/32"	18	16-3/16"	410
0317950	13/16"	20	16-3/16"	410
0317951	7/8"	22	16-3/16"	410
0317953	1"	25	16-3/16"	410
0317954	5/16"	8	18-1/4"	460
0317955	25/64"	10	18-1/4"	460
0317956	15/32"	12	18-1/4"	460
0317957	9/16"	14	18-1/4"	460
0317958	5/8"	16	18-1/4"	460
0317959	23/32"	18	18-1/4"	460
0317960	13/16"	20	18-1/4"	460
0317961	7/8"	22	18-1/4"	460
0317962	15/16"	24	18-1/4"	460
0317963	1"	25	18"	450
0317964	25/64"	10	24-1/4"	610
0317965	15/32"	12	24-1/4"	610
0317966	9/16"	14	24-1/4"	610
0317967	5/8"	16	24-1/4"	610
0317968	23/32"	18	24-1/4"	610
0317969	13/16"	20	24-1/4"	610
0317970	7/8"	22	24-1/4"	610
0317971	15/16"	24	24-1/4"	610
0317972	1"	25	24-1/4"	610
0317973	5/8"	16	24-1/4"	800



PLASTIC HANGER

SDS Max Shank Electric Hammer Drill

“—” Tip



Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0316951	25/64"	10	10-1/4"	260
0316952	15/32"	12	10-1/4"	260
0316953	23/32"	18	10-1/4"	260
0316954	13/16"	20	10-1/4"	260
0316955	3/8"	9.5	11"	280
0316956	1/2"	13	11"	280
0316957	5/8"	16	11"	280
0316958	23/32"	18	11"	280
0317200	13/16"	20	11"	280
0317201	7/8"	22	11"	280
0316960	15/16"	24	11"	280
0317202	1"	25	11"	280
0316961	1-3/16"	30	11"	280
0316962	3/8"	9.5	13-3/8"	340
0316480	15/32"	12	13-3/8"	340
0316485	9/16"	14	13-3/8"	340
0316207	5/8"	16	13-3/8"	340
0316208	23/32"	18	13-3/8"	340
0316209	13/16"	20	13-3/8"	340

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0316963	7/8"	22	13-3/8"	340
0316964	15/16"	24	13-3/8"	340
0317210	1"	25	13-3/8"	340
0316965	1-1/2"	38	13-3/8"	340
0316224	5/8"	16	16"	400
0316225	23/32"	18	16"	400
0316966	13/16"	20	16"	400
0316967	15/16"	24	16"	400
0316968	1-3/16"	30	16"	400
0316481	15/32"	12	21-1/4"	540
0316486	9/16"	14	21-1/4"	540
0316970	5/8"	16	21-1/4"	540
0317247	23/32"	18	21-1/4"	540
0317248	13/16"	20	21-1/4"	540
0317249	7/8"	22	21-1/4"	540
0316971	15/16"	24	21-1/4"	540
0316972	1"	25	21-1/4"	540
0316973	13/16"	20	36-1/4"	920
0316974	1-3/16"	30	36-1/4"	920



PLASTIC HANGER

SDS Max Shank Electric Hammer Drill

“X” Tip

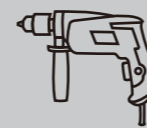
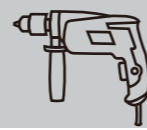


Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0317301	15/32"	12	13-3/8"	340
0317302	9/16"	14	13-3/8"	340
0317303	5/8"	16	13-3/8"	340
0317304	23/32"	18	13-3/8"	340
0317305	13/16"	20	13-3/8"	340
0317306	7/8"	22	13-3/8"	340
0317307	1"	25	13-3/8"	340
0317308	1-1/8"	28	13-3/8"	340
0317309	1-3/16"	30	13-3/8"	340
0317310	1-1/4"	32	13-3/8"	340
0317321	15/32"	12	24"	600
0317322	9/16"	14	24"	600
0317323	5/8"	16	24"	600
0317324	23/32"	18	24"	600
0317325	13/16"	20	24"	600
0317326	7/8"	22	24"	600

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0317327	1"	25	24"	600
0317328	1-1/8"	28	24"	600
0317329	1-3/16"	30	24"	600
0317330	1-1/4"	32	24"	600
0317331	1-9/16"	40	24"	600
0317341	15/32"	12	40"	1000
0317342	9/16"	14	40"	1000
0317343	5/8"	16	40"	1000
0317344	23/32"	18	40"	1000
0317345	13/16"	20	40"	1000
0317346	7/8"	22	40"	1000
0317347	1"	25	40"	1000
0317348	1-1/8"	28	40"	1000
0317349	1-3/16"	30	40"	1000
0317350	1-1/4"	32	40"	1000
0317351	1-9/16"	40	40"	1000



PLASTIC HANGER



New!

SDS Plus Shank Electric Hammer Drill

"X" Tip



- * For all concrete and stone applications
- * Effective removal of dust thanks to aggressive patented tip and spiral design
- * A powerful rejection spiral shape patented ensures good and faster drilling progress
- * Faster drilling performance



Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0317601	3/16"	5	4-3/8"	110
0317603	1/4"	6	4-3/8"	110
0317606	5/16"	8	4-3/8"	110
0317608	25/64"	10	4-3/8"	110
0317612	1/4"	6	6-1/4"	160
0317615	5/16"	8	6-1/4"	160
0317617	25/64"	10	6-1/4"	160
0317619	15/32"	12	6-1/4"	160
0317621	9/16"	14	6-1/4"	160
0317623	5/8"	16	6-1/4"	160
0317624	23/32"	18	6-1/4"	160
0317626	13/16"	20	6-1/4"	160
0317628	15/16"	24	6-1/4"	160
0317629	1"	25	6-1/4"	160
0317631	1-1/8"	28	6-1/4"	160
0317632	1-3/16"	30	6-1/4"	160
0317644	5/16"	8	8-1/4"	210
0317646	25/64"	10	8-1/4"	210
0317648	15/32"	12	8-1/4"	210
0317650	9/16"	14	8-1/4"	210
0317652	5/8"	16	8-1/4"	210
0317653	23/32"	18	8-1/4"	210
0317655	13/16"	20	8-1/4"	210
0317658	1"	25	8-1/4"	210
0317660	1-1/8"	28	8-1/4"	210
0317661	1-3/16"	30	8-1/4"	210

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0317669	25/64"	10	10-1/4"	260
0317671	15/32"	12	10-1/4"	260
0317673	9/16"	14	10-1/4"	260
0317675	5/8"	16	10-1/4"	260
0317676	23/32"	18	10-1/4"	260
0317678	13/16"	20	10-1/4"	260
0317680	15/16"	24	10-1/4"	260
0317681	1"	25	10-1/4"	260
0317682	1-1/16"	26	10-1/4"	260
0317683	1-1/8"	28	10-1/4"	260
0317684	1-3/16"	30	10-1/4"	260
0317761	25/64"	10	18-1/8"	460
0317763	15/32"	12	18-1/8"	460
0317765	9/16"	14	18-1/8"	460
0317767	5/8"	16	18-1/8"	460
0317768	23/32"	18	18-1/8"	460
0317770	13/16"	20	18-1/8"	460
0317773	1"	25	18-1/8"	460
0317774	1-1/16"	26	18-1/8"	460
0317775	1-1/8"	28	18-1/8"	460
0317776	1-3/16"	30	18-1/8"	460
0317791	13/16"	20	22"	550
0317792	7/8"	22	22"	550
0317793	15/16"	24	22"	550
0317794	1"	25	22"	550
0317797	1-3/16"	30	22"	550



PLASTIC HANGER



SDS Max Shank Electric Hammer Drill

"X" Tip

New!



- * For all concrete, brick and stone applications
- * Effective removal of dust and fine section wall formed thanks to aggressive tip and spiral design.
- * Auto-copper alloy soldering guarantee that heavy duty drilling performance on professionals.

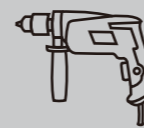
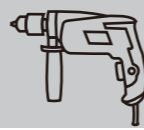


Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0317401	25/64"	10	12"	300
0317402	15/32"	12	12"	300
0317403	25/64"	10	13-5/8"	340
0317404	15/32"	12	13-5/8"	340
0317405	1/2"	13	13-5/8"	340
0317406	9/16"	14	13-5/8"	340
0317407	19/32"	15	13-5/8"	340
0317408	5/8"	16	13-5/8"	340
0317409	23/32"	18	13-5/8"	340
0317410	3/4"	19	13-5/8"	340
0317411	13/16"	20	13-5/8"	340
0317413	15/16"	24	13-5/8"	340
0317414	1"	25	13-5/8"	340
0317415	1-1/16"	26	13-5/8"	340
0317416	1-1/8"	28	14-13/16"	370
0317417	1-3/16"	30	14-13/16"	370
0317418	1-1/4"	32	14-13/16"	370
0317419	1-3/8"	35	14-13/16"	370
0317420	1-7/16"	36	14-13/16"	370
0317421	1-1/2"	38	14-13/16"	370
0317422	1-9/16"	40	14-13/16"	370
0317423	25/64"	10	21-19/32"	540
0317424	15/32"	12	21-19/32"	540
0317425	1/2"	13	21-19/32"	540
0317426	9/16"	14	21-19/32"	540
0317427	19/32"	15	21-19/32"	540
0317428	5/8"	16	21-19/32"	540
0317429	23/32"	18	21-19/32"	540
0317431	13/16"	20	21-19/32"	540
0317432	7/8"	22	21-19/32"	540

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0317433	15/16"	24	21-19/32"	540
0317434	1"	25	21-19/32"	540
0317435	1-1/16"	26	21-19/32"	540
0317455	1-1/16"	26	26-13/16"	670
0317456	1-1/8"	28	26-13/16"	670
0317457	1-3/16"	30	26-13/16"	670
0317458	1-1/4"	32	26-13/16"	670
0317459	1-3/8"	35	26-13/16"	670
0317460	1-7/16"	36	26-13/16"	670
0317461	1-1/2"	38	26-13/16"	670
0317462	1-9/16"	40	26-13/16"	670
0317463	25/64"	10	36-3/4"	920
0317464	15/32"	12	36-3/4"	920
0317465	1/2"	13	36-3/4"	920
0317466	9/16"	14	36-3/4"	920
0317467	19/32"	15	36-3/4"	920
0317468	5/8"	16	36-3/4"	920
0317469	23/32"	18	36-3/4"	920
0317470	3/4"	19	36-3/4"	920
0317471	13/16"	20	36-3/4"	920
0317472	7/8"	22	36-3/4"	920
0317473	15/16"	24	36-3/4"	920
0317474	1"	25	36-3/4"	920
0317475	1-1/16"	26	36-3/4"	920
0317476	1-1/8"	28	36-3/4"	920
0317477	1-3/16"	30	36-3/4"	920
0317478	1-1/4"	32	36-3/4"	920
0317479	1-3/8"	35	36-3/4"	920
0317481	1-1/2"	38	36-3/4"	920
0317482	1-9/16"	40	36-3/4"	920



PLASTIC HANGER



SDS-Plus Shank Chisel



1. SDS-Plus Shank Bull Point

Item No.	Body Dia.		Overall Length	
	mm	Inch	mm	Inch
0318034	14	9/16"	200	8"
0318036	14	9/16"	250	10"
0318037	17	11/16"	250	10"
0318038	17	11/16"	280	11"
0318039	17	11/16"	450	18"
0318040	18	23/32"	500	20"



DOUBLE BLISTER

2. SDS-Plus Shank Flat Chisel

Item No.	Body Dia.xHead Width		Overall Length	
	mm	Inch	mm	Inch
0318081	14x20	9/16"x25/32"	250	10"
0318082	14x20	9/16"x25/32"	280	11"
0318083	14x22	9/16"x7/8"	250	10"
0318084	17x20	11/16"x25/32"	250	10"
0318085	17x25	11/16"x1"	300	12"
0318086	18x25	23/32"x1"	360	14"



DOUBLE BLISTER

3. SDS-Plus Shank Scaling Chisel

Item No.	Body Dia.xHead Width		Overall Length	
	mm	Inch	mm	Inch
0318051	14x30	9/16"x1-3/16"	250	10"
0318052	14x40	9/16"x1-9/16"	250	10"
0318053	18x40	23/32"x1-9/16"	350	14"
0318054	18x50	23/32"x2"	400	16"
0318055	18x80	23/32"x3-5/32"	300	12"



SDS-Max Shank Chisel



1. SDS-Max Shank Bull Point

Item No.	Body Dia.		Overall Length	
	mm	Inch	mm	Inch
0318061	18	23/32"	280	11"
0318062	18	23/32"	250	10"
0318063	18	23/32"	350	14"
0318064	18	23/32"	400	16"



DOUBLE BLISTER

2. SDS-Max Shank Flat Chisel

Item No.	Body Dia.xHead Width		Overall Length	
	mm	Inch	mm	Inch
0318091	18 x 22	23/32 x 7/8"	250	10"
0318086	18 x 25	23/32 x 1"	250	10"
0318092	18 x 20	23/32 x 25/32"	280	11"
0318093	18 x 20	23/32 x 25/32"	300	12"
0318094	18 x 20	23/32 x 25/32"	400	16"
0318095	18 x 25	23/32 x 1"	300	12"
0318090	18 x 25	23/32 x 1"	350	14"
0318096	18 x 25	23/32 x 1"	400	16"
0318097	18 x 25	23/32 x 1"	450	18"



DOUBLE BLISTER

3. SDS-Max Shank Scaling Chisel

Item No.	Body Dia.xHead Width		Overall Length	
	mm	Inch	mm	Inch
0318071	18 x 40	23/32"x1-9/16"	250	10"
0318072	18 x 40	23/32"x1-9/16"	350	14"
0318073	18 x 40	23/32"x1-9/16"	400	16"
0318074	18 x 50	23/32"x2"	400	16"



SDS-Plus Shank TCT Chisel



1. SDS-Plus Shank Rounded Flatter

Item No.	Body Dia.		Overall Length		Teeth Number
	mm	Inch	mm	Inch	
0318501	35	1-3/8"	155	6"	12
0318502	35	1-3/8"	200	8"	12



2. SDS-Plus Shank Flatter

Item No.	Body Width		Overall Length		Teeth Number
	mm	Inch	mm	Inch	
0318506	40	1-9/16"	155	6"	4
0318508	40	1-9/16"	280	11"	4



3. SDS-Plus Shank Square Flatter

Item No.	Body Dia.		Overall Length		Teeth Number
	mm	Inch	mm	Inch	
0318512	32 x 32	1-1/4" x 1-1/4"	200	8"	16



SDS Max Shank TCT Chisel



1. SDS Max Shank Rounded Flatter

Item No.	Body Dia.		Overall Length		Teeth Number
	mm	Inch	mm	Inch	
0318521	35	1-3/8"	200	8"	12
0318522	35	1-3/8"	280	11"	12



2. SDS Max Shank Flatter

Item No.	Body Width		Overall Length		Teeth Number
	mm	Inch	mm	Inch	
0318526	40	1-9/16"	200	8"	4
0318527	40	1-9/16"	280	11"	4



3. SDS Max Shank Square Flatter

Item No.	Body Dia.		Overall Length		Teeth Number
	mm	Inch	mm	Inch	
0318531	32 x 32	1-1/4" x 1-1/4"	200	8"	16
0318532	32 x 32	1-1/4" x 1-1/4"	280	11"	16
0318533	32 x 32	1-1/4" x 1-1/4"	400	16"	16
0318534	40 x 40	1-9/16" x 1-9/16"	280	11"	16
0318536	40 x 40	1-9/16" x 1-9/16"	280	11"	25
0318537	40 x 40	1-9/16" x 1-9/16"	400	16"	25



PLASTIC BOX

Hex Shank TCT Chisel



1. Hex Shank Rounded Flatter

Item No.	Body Dia.		Overall Length		Teeth Number
	mm	Inch	mm	Inch	
0318541	35	1-3/8"	200	8"	12
0318542	35	1-3/8"	280	11"	12



PLASTIC BOX

2. Hex Shank Flatter

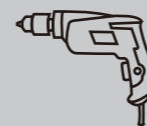
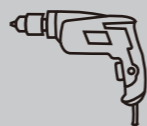
Item No.	Body Width		Overall Length		Teeth Number
	mm	Inch	mm	Inch	
0318546	40	1-9/16"	200	8"	4
0318547	40	1-9/16"	280	11"	4



3. Hex Shank Square Flatter

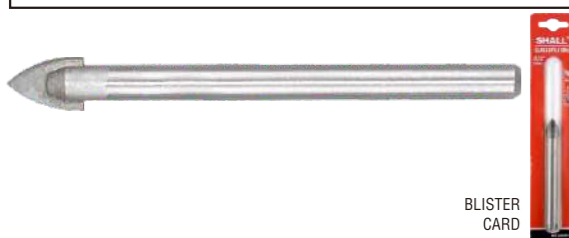
Item No.	Body Dia.		Overall Length		Teeth Number
	mm	Inch	mm	Inch	
0318551	32 x 32	1-1/4" x 1-1/4"	200	8"	16
0318552	32 x 32	1-1/4" x 1-1/4"	280	11"	16
0318553	32 x 32	1-1/4" x 1-1/4"	400	16"	16
0318555	40 x 40	1-9/16" x 1-9/16"	280	11"	25
0318556	40 x 40	1-9/16" x 1-9/16"	400	16"	25





Glass & Tile Drills

Item No.	Dia		Overall Length	
	Metric	inch	Metric	inch
0320001	3	1/8"	55	2-1/8"
0320002	4	5/32"	55	2-1/8"
0320004	5	3/16"	55	2-1/8"
0320005	6	1/4"	65	2-1/2"
0320014	7	9/32"	90	3-1/2"
0320008	8	5/16"	75	3"
0320009	10	3/8"	90	3-1/2"
0320015	12	15/32"	100	4"
0320013	13	1/2"	90	3-1/2"



BLISTER CARD

Glass & Tile Drill With Carbide Tip

Item No.	Size (mm)
0320160	57 x 50



Marking Pen With Carbide Tip

Item No.	Length
0320161	150mm



Screw Extractor

Item No.	Type
0306001	#1
0306002	#2
0306003	#3
0306004	#4
0306005	#5
0306006	#6



Glass & Tile Drills

Item No.	Dia		Overall Length	
	Metric	inch	Metric	inch
0320051	3	1/8"	88	3-1/2"
0320052	4	5/32"	88	3-1/2"
0320053	5	3/16"	88	3-1/2"
0320054	6	1/4"	88	3-1/2"
0320055	8	5/16"	88	3-1/2"
0320056	10	3/8"	88	3-1/2"
0320057	12	15/32"	88	3-1/2"



Connection Rod

Item No.	Description	Gesamt-Länge
0317006	SDS-plus Adapter	100mm(4")
0317006-1	SDS-plus	220mm(8-5/8")



Item No.	Description
0317007	SDS-plus Adapter



Item No.	Description
0317022	SDS MAX to SDS-plus Adapter



Damaged Screw & Bolt Remover

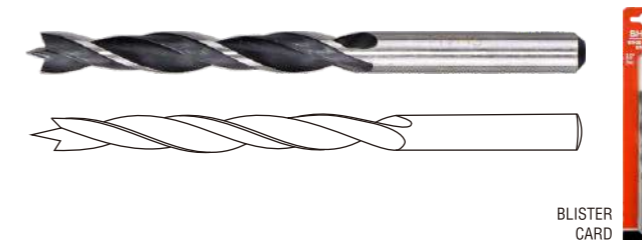
Item No.	Type
0305021	#1
0305022	#2
0305023	#3
0305024	#4



Wood Working Drill Bit

1. Individual Size Standard Length

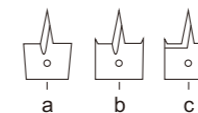
Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0301003	1/8"	3	2-13/32"	60
0301004	5/32"	4	3"	75
0301005	3/16"	5	3-3/8"	86
0301006	7/32"	5.5	3-21/32"	93
0301007	1/4"	6	3-21/32"	93
0301008	9/32"	7	4-9/32"	109
0301009	5/16"	8	4-19/32"	117
0301010	11/32"	8.5	5"	125
0301011	3/8"	9	5"	125
0301012	13/32"	10	5-1/4"	133
0301013	7/16"	11	5-19/32"	142
0301014	15/32"	12	6"	151
0301015	1/2"	13	6"	151
0301016	9/16"	14	6-5/16"	160
0301017	19/32"	15	6-5/16"	160
0301018	5/8"	16	6-5/16"	160



BLISTER CARD

Wood Spade Bit

There Are Three Tip Available(a,b,c)



1. Individual Size Standard Length

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0302034	1/4"	6	6"	150
0302035	5/16"	8	6"	150
0302036	3/8"	10	6"	150
0302037	7/16"	12	6"	150
0302038	1/2"	13	6"	150
0302039	9/16"	14	6"	150
0302040	5/8"	16	6"	150
0302041	11/16"	18	6"	150
0302042	3/4"	20	6"	150
0302043	13/16"	21	6"	150
0302044	7/8"	22	6"	150
0302045	15/16"	24	6"	150
0302046	1"	25	6"	150
0302054	1-1/32"	26	6"	150
0302047	1-1/8"	28	6"	150
0302048	1-3/16"	30	6"	150
0302049	1-1/4"	32	6"	150
0302050	1-5/16"	34	6"	150
0302051	1-3/8"	35	6"	150
0302052	1-7/16"	36	6"	150
0302053	1-1/2"	38	6"	150
0302055	1-9/16"	40	6"	150

2. Individual Size Extra Length

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0301204	5/32"	4	8"	200
0301205	3/16"	5	8"	200
0301206	1/4"	6	8"	200
0301406	1/4"	6	16"	400
0301208	5/16"	8	8"	200
0301408	5/16"	8	16"	400
0301210	13/32"	10	8"	200
0301410	13/32"	10	16"	400
0301212	15/32"	12	8"	200
0301412	15/32"	12	16"	400
0301214	9/16"	14	8"	200
0301414	9/16"	14	16"	400
0301416	5/8"	16	16"	400
0301506	1/4"	6	10"	250
0301508	5/16"	8	10"	250
0301510	13/32"	10	10"	250
0301512	15/32"	12	10"	250
0301514	9/16"	14	10"	250
0301306	1/4"	6	12"	300
0301307	9/32"	7	12"	300
0301308	5/16"	8	12"	300
0301385	11/32"	8.5	12"	300
0301309	3/8"	9	12"	300
0301310	13/32"	10	12"	300
0301311	7/16"	11	12"	300
0301312	15/32"	12	12"	300
0301313	1/2"	13	12"	300

2. Individual Size Extra Length

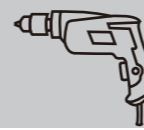
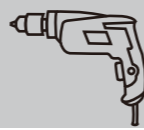
Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0302316	5/8"	16	12"	300
0302318	11/16"	18	12"	300
0302320	3/4"	20	12"	300
0302325	1"	25	12"	300
0302332	1-1/4"	32	12"	300
0302406	1/4"	6	16"	400
0302408	5/16"	8	16"	400
0302410	3/8"	10	16"	400
0302412	7/16"	12	16"	400
0302414	9/16"	14	16"	400
0302416	5/8"	16	16"	400
0302419	11/16"	19	16"	400
0302420	3/4"	20	16"	400
0302422	7/8"	22	16"	400
0302425	1"	25	16"	400
0302426	1-1/32"	26	16"	400
0302432	1-1/4"	32	16"	400

Finish Available: Polishing, Tin Coated

Shank Available: Normal Hex Shank, Quick Change Hex Shank



BLISTER CARD



Expansive Bit

Item No.	Size	
	Inch	Metric
0302191	19/32" - 2-3/4"	15 - 45
0302192	1" - 3"	22 - 76



Wood Spade Bit Extension

Item No.	Length	
	Inch	Metric
0302123	6"	150
0302126	12"	300



Wood Forstner Bit

Item No.	Diameter		Shank Diameter	Overall Length	
	Inch	Metric		Inch	Metric
0303006	1/4"	6	10	3-7/16"	86
0303008	5/16"	8	10	3-1/2"	90
0303009	3/8"	9	10	3-1/2"	90
0303010	3/8"	10	10	3-1/2"	90
0303012	7/16"	12	10	3-1/2"	90
0303013	1/2"	13	10	3-1/2"	90
0303014	9/16"	14	8	3-1/2"	90
0303015	19/32"	15	8	3-1/2"	90
0303016	5/8"	16	8	3-1/2"	90
0303018	11/16"	18	8	3-1/2"	90
0303020	3/4"	20	8	3-1/2"	90
0303022	7/8"	22	8	3-1/2"	90
0303024	15/16"	24	8	3-1/2"	90
0303025	1	25	8	3-1/2"	90

Item No.	Diameter		Shank Diameter	Overall Length	
	Inch	Metric		Inch	Metric
0303026	1-1/16"	26	8	3-1/2"	90
0303028	1-1/8"	28	8	3-1/2"	90
0303030	1-3/16"	30	8	3-1/2"	90
0303032	1-1/4"	32	10	3-1/2"	90
0303034	1-5/16"	34	10	3-1/2"	90
0303035	1-3/8"	35	10	3-1/2"	90
0303036	1-7/16"	36	10	3-1/2"	90
0303038	1-1/2"	38	10	3-1/2"	90
0303040	1-9/16"	40	10	3-1/2"	90
0303044	1-11/16"	44	10	3-1/2"	90
0303045	1-3/4"	45	10	3-1/2"	90
0303048	1-7/8"	48	10	3-1/2"	90
0303050	1-15/16"	50	10	3-1/2"	90
0303060	2-3/8"	60	12	6"	150



DIN 7483 Forstner Bit With Ground Teeth

Item No.	Diameter		Overall Length
	Inch	Metric	
0303211	9/16"	14	3-1/2"
0303212	19/32"	15	3-1/2"
0303213	5/8"	16	3-1/2"
0303214	11/16"	18	3-1/2"
0303215	3/4"	20	3-1/2"
0303216	7/8"	22	3-1/2"
0303217	1"	25	3-1/2"
0303218	1-1/16"	26	3-1/2"

Item No.	Diameter		Overall Length
	Inch	Metric	
0303219	1-1/8"	28	3-1/2"
0303220	1-3/16"	30	3-1/2"
0303221	1-1/4"	32	3-1/2"
0303222	1-5/16"	34	3-1/2"
0303223	1-3/8"	35	3-1/2"
0303224	1-7/16"	36	3-1/2"
0303225	1-9/16"	40	3-1/2"
0303226	1-3/4"	45	3-1/2"



Forstner Bit with Quick (Release Shank)

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0303425	1"	25	5-1/8"	130
0303428	1-1/8"	28	5-1/8"	130
0303429	1-5/32"	29	5-1/8"	130
0303432	1-1/4"	32	5-1/8"	130
0303435	1-3/8"	35	5-1/8"	130
0303438	1-1/2"	38	5-1/8"	130
0303444	1-11/16"	44	5-1/8"	130
0303451	2"	51	5-1/8"	130
0303454	2-1/8"	54	5-1/8"	130
0303457	2-1/4"	57	5-1/8"	130
0303465	2-1/2"	65	5-1/8"	130
0303473	2-7/8"	73	5-1/8"	130
0303476	3"	76	5-1/8"	130
0303486	3-3/8"	86	5-1/8"	130



TCT Forstner Bits

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0303520	3/4"	20	3-11/16"	93
0303522	7/8"	22	3-11/16"	93
0303530	1-3/16"	30	3-11/16"	93
0303535	1-3/8"	35	3-11/16"	93



Counter Drill

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0305051	3/16-1/2"	5-13	4"	100
0305052	3/16-9/16"	5-14	4"	100
0305053	3/16-19/32"	5-15	4"	100



Center Drill

Item No.	Diameter	
	Inch	Metric
0303169	3/8"	10
0303171	1/2"	12
0303173	5/8"	16
0303175	3/4"	20
0303177	7/8"	22
0303179	1"	25
0303181	1-1/8"	28
0303183	1-1/4"	32
0303185	1-3/8"	35



Taper Drill

Item No.	No.	Size	
		Metric	Inch
0305005	5#	3.20mm	1/8"
0305006	6#	3.57mm	9/64"
0305007	7#	4.00mm	5/32"
0305008	8#	4.36mm	11/64"
0305009	9#	4.76mm	3/16"
0305010	10#	5.12mm	13/64"
0305012	12#	5.56mm	7/32"
0305014		6mm	



Countersink

82 Degree
Material: Carbon Steel

Item No.	Diameter	
	Inch	Metric
0370106	1/4"	6
0370110	3/8"	10
0370112	7/16"	12
0370113	1/2"	13
0370116	5/8"	16
0370120	3/4"	20

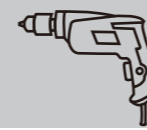
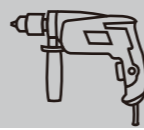


Round Shank



Hex Shank



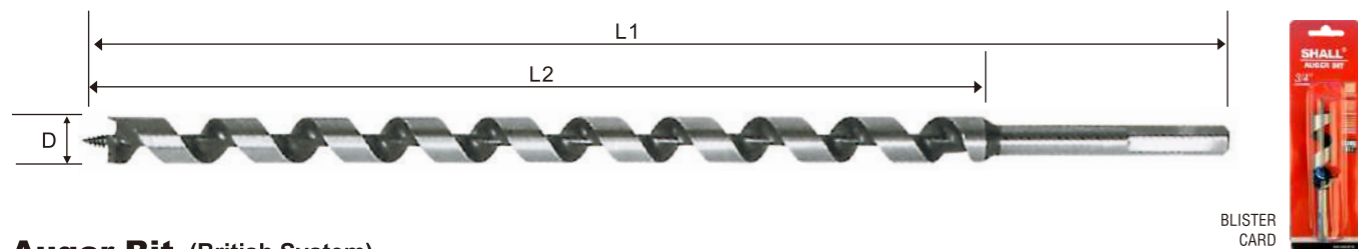


Auger Bit (Metric System)

Item No.	D(mm)	L1(mm)	L2(mm)
0304001	6	100	60
0304002	8	100	60
0304003	10	100	60
0304004	11	100	60
0304005	12	100	60
0304006	14	100	60
0304007	16	100	60
0304008	18	100	60
0304009	20	100	60
0304010	21	100	60
0304011	22	100	60
0304012	24	100	60
0304013	25	100	60
0304014	28	100	60
0304015	30	100	60
0304016	32	100	60
0304017	34	100	60
0304018	35	100	60
0304019	36	100	60
0304020	38	100	60
0304021	6	190	130
0304022	8	190	130
0304023	10	190	130
0304024	11	190	130
0304025	12	190	130
0304026	14	190	130
0304027	16	190	130
0304028	18	190	130
0304029	20	190	130
0304030	21	190	130
0304031	22	190	130
0304032	24	190	130
0304033	25	190	130
0304034	28	190	130
0304035	30	190	130
0304036	32	190	130
0304037	34	190	130
0304038	35	190	130
0304039	36	190	130
0304040	38	190	130

Item No.	D(mm)	L1(mm)	L2(mm)
0304041	6	230	160
0304042	8	230	160
0304043	10	230	160
0304044	11	230	160
0304045	12	230	160
0304046	14	230	160
0304047	16	230	160
0304048	18	230	160
0304049	20	230	160
0304050	21	230	160
0304051	22	230	160
0304052	24	230	160
0304053	25	230	160
0304054	28	230	160
0304055	30	230	160
0304056	32	230	160
0304057	34	230	160
0304058	35	230	160
0304059	36	230	160
0304060	38	230	160
0304061	6	300	230
0304062	8	300	230
0304063	10	300	230
0304064	11	300	230
0304065	12	300	230
0304066	14	300	230
0304067	16	300	230
0304068	18	300	230
0304069	20	300	230
0304070	21	300	230
0304071	22	300	230
0304072	24	300	230
0304073	25	300	230
0304074	28	300	230
0304075	30	300	230
0304076	32	300	230
0304077	34	300	230
0304078	35	300	230
0304079	36	300	230
0304080	38	300	230

Item No.	D(mm)	L1(mm)	L2(mm)
0304081	6	460	390
0304082	8	460	390
0304083	10	460	390
0304084	11	460	390
0304085	12	460	390
0304086	14	460	390
0304087	16	460	390
0304088	18	460	390
0304089	20	460	390
0304090	21	460	390
0304091	22	460	390
0304092	24	460	390
0304093	25	460	390
0304094	28	460	390
0304095	30	460	390
0304096	32	460	390
0304097	34	460	390
0304098	35	460	390
0304099	36	460	390
0304300	38	460	390
0304301	6	600	530
0304302	8	600	530
0304303	10	600	530
0304304	11	600	530
0304305	12	600	530
0304306	14	600	530
0304307	16	600	530
0304308	18	600	530
0304309	20	600	530
0304310	21	600	530
0304311	22	600	530
0304312	24	600	530
0304313	25	600	530
0304314	28	600	530
0304315	30	600	530
0304316	32	600	530
0304317	34	600	530
0304318	35	600	530
0304319	36	600	530
0304320	38	600	530



Auger Bit (British System)

Item No.	D(inch)	L1(inch)	L2(inch)
0304251	1/4"	6-1/2"	4"
0304252	5/16"	6-1/2"	4-3/8"
0304253	3/8"	7-1/4"	4-3/8"
0304254	1/2"	7-1/4"	4-5/8"
0304255	9/16"	8"	5-1/4"
0304256	5/8"	8"	5-1/4"
0304257	11/16"	8"	5-1/4"
0304258	3/4"	8"	5-1/4"
0304259	13/16"	8"	5-1/4"
0304260	7/8"	8"	5-1/4"

Item No.	D(inch)	L1(inch)	L2(inch)
0304261	15/16"	9"	6"
0304262	1	9"	6"
0304263	1-1/8"	9"	6"
0304264	1-3/16"	9"	6"
0304265	1-1/4"	9"	6"
0304266	1-5/16"	9"	6"
0304267	1-3/8"	9"	6"
0304268	1-7/16"	9"	6"
0304269	1-1/2"	9"	6"
0304270	13/16"	18"	14"

Item No.	D(inch)	L1(inch)	L2(inch)
0304271	7/8"	18"	14"
0304272	15/16"	18"	14"
0304273	1	18"	14"
0304274	1-1/8"	18"	14"
0304275	1-3/16"	18"	14"
0304276	1-1/4"	18"	14"
0304277	1-5/16"	18"	14"
0304278	1-3/8"	18"	14"
0304279	1-7/16"	18"	14"
0304280	1-1/2"	18"	14"

Scotch Auger Bit

Item No.	Diameter Inch	Metric	Overall Length Inch	Metric
0305011	5/16"	8	16"	400
0305012	3/8"	10	16"	400
0305013	7/16"	12	16"	400
0305014	1/2"	13	16"	400
0305015	9/16"	14	16"	400
0305016	5/8"	16	16"	400
0305017	3/4"	19	16"	400
0305018	25/32"	20	16"	400
0305019	7/8"	22	16"	400
0305020	1"	25	16"	400



4-Flute Auger Bit (Metric System)

Item No.	Diameter mm	Overall Length mm	Flute Length mm
0304110	10	165	70
0304112	12	165	70
0304114	14	165	70
0304116	16	165	70
0304118	18	165	70
0304120	20	165	70
0304122	22	165	70
0304124	24	165	70
0304125	25	165	70
0304126	26	165	70
0304128	28	165	70
0304130	30	165	70
0304132	32	165	70
0304134	34	165	70
0304135	35	165	70



4-Flute Auger Bit (British System)

Item No.	Diameter Inch	Overall Length Inch	Flute Length Inch
0304551	1"	5-1/8"	2.29"
0304552	3/8"	4"	1.83"
0304553	3/4"	5-1/8"	1.86"
0304554	1/2"	4"	1.44"
0304555	9/16"	4-23/32"	1.54"
0304556	1-1/4"	6-1/2"	



Plug Cutter

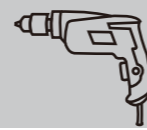
Item No.	Diameter Inch	Metric	Length Inch	Metric	Shank Inch	Metric
0311001	1/4"	6	3/8"	9	1/4"	6
0311002	5/16"	8	3/8"	9	1/4"	6
0311003	3/8"	10	1/2"	13	1/4"	6
0311009	15/32"	12	1/2"	13	1/4"	6
0311008	1/2"	13	7/16"	13	1/4"	6
0311015	5/8"	16	5/8"	16	3/8"	10



Tenon, Dowel And Plug Cutter

Item No.	Size Inch	Metric	Shank Diameter	Overall Length Inch	Metric
0305208	5/16"	8	13	5-5/8"	140
0305210	3/8"	10	13	5-5/8"	140
0305212	7/16"	12	13	5-5/8"	140
0305213	1/2"	13	13	5-5/8"	140
0305214	9/16"	14	13	5-5/8"	140
0305215	19/32"	15	13	5-5/8"	140
0305216	5/8"	16	13	5-5/8"	140
0305218	11/16"	18	13	5-5/8"	140
0305220	25/32"	20	13	5-5/8"	140
0305222	7/8"	22	13	5-5/8"	140
0305224	15/16"	24	13	5-5/8"	140
0305225	1"	25	13	5-5/8"	140
0305228	1-1/8"	28	13	5-5/8"	140
0305230	1-3/16"	30	13	5-5/8"	140
0305232	1-1/4"	32	13	5-5/8"	140
0305235	1-3/8"	35	13	6-5/16"	160
0305238	1-1/2"	38	13	6-5/16"	160
0305240	1-9/16"	40	13	6-5/16"	160
0305250	2"	50	16	6-5/16"	160
0305260	2-3/8"	60	16	6-5/16"	160





Round Shank Rotary Rasp

Item No.	Shape	Diameter		Working Height		Shank Length		Shank Diameter	
		Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch
0307101	Cylindrical	15	19/32"	30	1-3/16"	30	1-3/16"	6	1/4"
0307102	Conical	15	19/32"	30	1-3/16"	30	1-3/16"	6	1/4"
0307103	Spherical	15	19/32"	12	15/32"	30	1-3/16"	6	1/4"
0307104	Dome	15	19/32"	30	1-3/16"	30	1-3/16"	6	1/4"
0307105	Rotary Countersink	12	15/32"	25	1"	30	1-3/16"	6	1/4"



0307101 0307102 0307103 0307104 0307105



BLISTER CARD

Hex Shank Rotary Rasp

Item No.	Shape	Diameter		Working Height		Shank Length		Shank Diameter	
		Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch
0307106	Conical	15	19/32"	30	1-3/16"	30	1-3/16"	6.35	1/4"
0307107	Cylindrical	15	19/32"	30	1-3/16"	30	1-3/16"	6.35	1/4"



0307106 0307107



BLISTER CARD

Hollow Shape Rotary Rasp

Item No.	Outside Dia.		Inside Dia.		Working Height		Shank Length		Shank Diameter	
	Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch
0307108	15	19/32"	10	13/32"	30	1-3/16"	25	1"	6	1/4"
0307109	20	25/32"	15	19/32"	30	1-3/16"	25	1"	6	1/4"
0307110	25	1"	20	25/32"	30	1-3/16"	25	1"	6	1/4"



0307108 0307109 0307110



BLISTER CARD

Round Shank Rotary File

Item No.	Shape	Diameter		Working Height		Shank Length		Shank Diameter	
		Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch
0307011	Round End	12.7	1/2"	24	15/16"	30	1-3/16"	6.35	1/4"
0307012	Conical	12.7	1/2"	24	15/16"	30	1-3/16"	6.35	1/4"
0307013	Ball	12.7	1/2"	12	1/2"	30	1-3/16"	6.35	1/4"
0307014	Cylindrical	12.7	1/2"	24	15/16"	30	1-3/16"	6.35	1/4"
0307015	Vpoint	12.7	1/2"	12.7	1/2"	30	1-3/16"	6.35	1/4"



0307011 0307012 0307013 0307014 0307015

Hardwood Buttons



35
PCS



• 3200322 15PCS/Plastic Case

Item No.	Diameter (inch)	(mm)	Item No.	Diameter (inch)	(mm)
0371320	3/8"	10	0371322	1"	25.4
0371321	1/2"	13			

Decorative Woodworking Balls



10
PCS



Item No.	Diameter (inch)	(mm)
0371330	1"	25.4

Decorative Woodworking Finials



6
PCS



Item No.	Stem diameter (inch)	(mm)	Diameter at head (inch)	(mm)	Overall length (inch)	(mm)
0371331	1/2"	12	7/8"	22	1-5/8"	42

Decorative Woodworking Spindles



6
PCS



Item No.	Stem diameter (inch)	(mm)	Diameter at max (inch)	(mm)	Overall length (inch)	(mm)
0371332	5/16"	8	3/4"	19	2-1/2"	65

Wooden Toy Wheels



10
PCS



• 3200335 6PCS/Plastic Case

Item No.	Diameter (inch)	(mm)	Axle pin opening (inch)	(mm)	Item No.	Diameter (inch)	(mm)	Axle pin opening (inch)	(mm)
0371333	1"	25.4			3200335	2"	50.8		
0371334	1-1/2"	38							

Classic Hardwood Shaker Pegs



2
PCS



Item No.	Dia. at installation base (inch)	(mm)	Dia. at head (inch)	(mm)	Overall length (inch)	(mm)
0371401	1/2"	13	7/8"	22	3-1/2"	89

Wooden Biscuits



50
PCS

Item No.	Size(mm)	Item No.	Size(mm)
0371000	FF#,30x13x4	0371002	10#, 53x19x4
0371001	0#, 47x15x4	0371003	20#, 56x23x4

Wooden Biscuits



28
PCS

Item No.	Size(mm)	Item No.	Size(mm)
0371100	FF#,30x13x4	0371102	10#, 53x19x4
0371101	0#, 47x15x4	0371103	20#, 56x23x4

- 3200100 FF# 40PCS/Plastic Case
- 3200103 20# 20PCS/Plastic Case

Wooden Biscuits



100
PCS

Item No.	Size(mm)	Item No.	Size(mm)
0371110	FF#,30x13x4	0371112	10#, 53x19x4
0371111	0#, 47x15x4	0371113	20#, 56x23x4

- 3200111 0# 125PCS/Plastic Case
- 3200113 20# 80PCS/Plastic Case

Wooden Dowel Pins



50
PCS

Item No.	Size(mm)	Item No.	Size(mm)
0371120	6X30	0371122	10X40
0371121	8X35		

- 3200120 100PCS/Plastic Case
- 3200121 50PCS/Plastic Case
- 3200122 30PCS/Plastic Case

Wooden Dowel Pins



60
PCS

Item No.	Size(mm)	Item No.	Size(mm)	Item No.	Size(mm)
0371011	6x30	0371014	6x40	0371017	8x50
0371012	8x35	0371015	8x30	0371018	10x50
0371013	10x40	0371016	8x40	0371019	10x60

- 3200011 100PCS/Plastic Case
- 3200014 100PCS/Plastic Case

Wooden Dowel Pins



375
PCS

Item No.	Size(mm)	QTY(pcs)
0371123	6X30	200
	8X35	100
	10X40	75

Doweling Accessory set



17
PCS

- CONTENT
- 12pcs Dowel pins
- 2pcs Down centers
- 1pc Drill bit
- 1pc Drill stop collar
- 1pc Hex wrench

Item No.	Dowel pins (mm)	Drill bit (mm)	Down Centers (mm)	Drill stop collar (mm)
0371024	6x30	6	6	6
0371025	8x35	8	8	8
0371026	10x40	10	10	10

Doweling Accessory set



43
PCS

- CONTENT
- 36pcs Dowel pins
- 4pcs Down centers
- 1pc Drill bit
- 1pc Drill stop collar
- 1pc Hex wrench

Item No.	Dowel pins (mm)	Drill bit (mm)	Down Centers (mm)	Drill stop collar (mm)
0371021	6x30	6	6	6
0371022	8x35	8	8	8
0371023	10x40	10	10	10

Oak Flat Head Plugs



150
PCS

Item No.	Diameter (inch) (mm)	Item No.	Diameter (inch) (mm)
0371200	5/16" 8	0371202	1/2" 13
0371201	3/8" 10		

Oak Round Head Plugs



120
PCS

Item No.	Diameter (inch) (mm)	Item No.	Diameter (inch) (mm)
0371203	5/16" 8	0371205	1/2" 13
0371204	3/8" 10		

Hardwood Flat Head Plugs



200
PCS

Item No.	Diameter (inch) (mm)	Item No.	Diameter (inch) (mm)
0371300	1/4" 6	0371302	3/8" 10
0371301	5/16" 8	0371303	1/2" 13

Hardwood Round Head Plugs



150
PCS

Item No.	Diameter (inch) (mm)	Item No.	Diameter (inch) (mm)
0371310	1/4" 6	0371312	3/8" 10
0371311	5/16" 8	0371313	1/2" 13

Abrasive Products Categories

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- 12. Tapered Spindle ----- 77



General Introduction

Best choice							
	Carbon steel	Carbon steel	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	C46-90R	C46-90R	C46-90R
Flexible Grinding wheels	A/C46/120	WA46-120					C46-180

Explanation of Designation

A	Abrasive kind	Brown Aluminium Oxide	A
		White Aluminium Oxide	WA
		Black Silicon Carbide	C
		Green Silicon Carbide	GC
		Mixed Grain	AC, AWA
24	Grain Size	Coarse	20,22,24
		Medium	30,36,46,54,60
		Fine	70,80,90,100,120,150
R	Grade	Medium	M.N
		Medium Hard	P.Q.R
		Hard	S.T
B	Bond	Resin	
F	Reinforced	Fibre glass	
80	Max. speed	72m/s, 80m/s, 100m/s	

Abrasive Products



Type 41/42-Cutting Wheels for Metal

1.Freehand Cut-off Wheels

Cutting of full-materials,thick-walled tubes, profiles and steel sheets.

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0502314	75	3"	1.2	3/64"	20100	80
0502315	75	3"	1.6	1/16"	20100	80
0502316	100	4"	1.2	3/64"	15300	80
0502324	100	4"	1.5	1/16"	15300	80
0502335	100	4"	1.6	1/16"	15300	80
0502317	100	4"	2.5	3/32"	15300	80
0502303	100	4"	3.0	1/8"	15300	80
0502336	115	4-1/2"	1.0	3/64"	13300	80
0502337	115	4-1/2"	1.5	1/16"	13300	80
0502338	115	4-1/2"	1.6	1/16"	13300	80
0502318	115	4-1/2"	2.0	5/64"	13300	80
0502319	115	4-1/2"	2.5	3/32"	13300	80
0502304	115	4-1/2"	3.0	1/8"	13300	80
0502333	125	5"	1.2	3/64"	12200	80
0502334	125	5"	1.6	1/16"	12200	80
0502320	125	5"	2.0	5/64"	12200	80
0502321	125	5"	2.5	3/32"	12200	80
0502305	125	5"	3.0	1/8"	12200	80
0502325	180	7"	2.5	3/32"	8500	80
0502326	180	7"	3.0	1/8"	8500	80
0502328	230	9"	2.0	5/64"	6600	80
0502330	230	9"	2.5	3/32"	6600	80
0502331	230	9"	3.0	1/8"	6600	80
0502332	230	9"	3.5	9/64"	6600	80



2.Freehand Cut-off Wheels

Cutting of full-materials,tubes,SML-ductile-tubes, profiles and steel sheets.

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0502400	300	12"	3.0	1/8"	5100	100
0502401	350	14"	3.0	1/8"	5400	100

Type 41/42-Cutting Wheels for Stainless Steel & Alloy Steel

1.Freehand Cut-off Wheels

Cutting of sprues,full-materials,tubes and profiles.

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0502714	75	3"	2.0	5/64"	20100	80
0502717	100	4"	3.0	1/8"	15300	80
0502718	115	4-1/2"	3.0	1/8"	13300	80
0502705	125	5"	2.0	5/64"	12200	80
0502719	125	5"	3.0	1/8"	12200	80
0502710	180	7"	3.0	1/8"	8500	80
0502712	230	9"	3.0	1/8"	6600	80



2.Cut-off Wheels For Stationary Machines

Cutting of full-materials,tubes,SML-,ductile-tubes and profiles.

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0502806	350	14"	3.0	1/8"	4400/5500	80/100
0502808	400	16"	2.9	1/8"	3800/4700	80/100

Type 41/42-Cutting Wheels for Stone(Masonry)

Freehand Cut-off Wheels

Cutting of slabs,tiles,clay tubes,roofing tiles,clinker.

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0501416	115	4-1/2"	2.5	3/32"	13300	80
0501404	115	4-1/2"	3.0	1/8"	13300	80
0501417	125	5"	2.5	3/32"	12200	80
0501405	125	5"	3.0	1/8"	12200	80
0501421	180	7"	3.0	1/8"	8500	80
0501426	230	9"	3.0	1/8"	6600	80
0501429	350	14"	3.0	1/8"	4400/5500	80/100



Extra-thin Cutting Wheel for Stainless Steel (INOX)

Cutting of solid materials,tubes,profiles and sheet metal.

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0502624	100	4"	1.0	1/32"	15300	80
0502627	115	4-1/2"	1.0	1/32"	13300	80
0502628	115	4-1/2"	1.2	3/64"	13300	80
0502629	115	4-1/2"	1.6	1/16"	13300	80
0502630	125	5"	1.2	3/64"	12200	80
0502631	125	5"	1.6	1/16"	12200	80
0502634	180	7"	1.8	1/16"	8500	80
0502638	230	9"	1.8	1/16"	6600	80
0502639	230	9"	2.0	5/64"	6600	80



Extra-thin Cutting Wheel for Stone

Cutting of tiles,slabs,steps, stone-window-sills,roof-coverings.

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0501903	115	4-1/2"	1.0	1/32"	13300	80
0501906	125	5"	1.2	3/64"	12200	80
0501909	230	9"	2.0	5/64"	6600	80



T27-Grinding Wheels for Metal, Stainless Steel,Cast Iron

Grinding of sprues,hard welds,build-up welds,cleaning of castings.

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0501225	100	4"	4.0	5/32"	15300	80
0501205	100	4"	6.0	1/4"	15300	80
0501208	115	4-1/2"	6.0	1/4"	13300	80
0501210	125	5"	6.0	1/4"	12200	80
0501213	180	7"	6.0	1/4"	8500	80
0501217	230	9"	6.0	1/4"	6600	80



T27-Grinding Wheels for Stone (Masonry)

Grinding of edges,deburring,cleaning of welding seams.

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0501260	115	4-1/2"	6.0	1/4"	13300	80
0501262	125	5"	6.0	1/4"	12200	80
0501268	180	7"	6.0	1/4"	8500	80
0501272	230	9"	6.0	1/4"	6600	80





Universal Abrasive Disc

- * 6 In 1
- * Cutting Metal, Stainless Steel, Aluminium, Stone, PVC and Tiles.

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0503101	115	4-1/2"	1.0	1/32"	13300	80
0503102	125	5"	1.0	1/32"	12200	80



Multiuase Abrasive Disc

- * Cutting, Grinding and Finishing
- * Made of special sharp abrasive materials.
- * Long service life

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0503151	100	4"	2.2	5/64"	15200	80
0503152	115	4-1/2"	2.2	5/64"	13300	80
0503153	125	5"	2.5	3/32"	12200	80



Flexible Grinding Wheels

- * It is suitable for grinding various metals without gouging
- * Flexcut performs 2 operations in one pass
 - 1: Grinding(extremely fast stock removal)
 - 2: Finishing(sanding action)

Item No.	Dimension		Thickness		Speed RPM	M/S
	mm	Inch	mm	Inch		
0503201	100	4"	2.5	3/32"	15200	70
0503202	100	4"	3	1/8"	15200	70



Flap Wheel

Item No.	Outer Diameter Inch	Hole Diameter Metric	Grit	Maximum RPM	Shape
0544136	4x5/8H	100x16H	36	13,500	T27 / T29
0544160	4x5/8H	100x16H	60	13,500	T27 / T29
0544180	4x5/8H	100x16H	80	13,500	T27 / T29
0544236	4-1/2x7/8H	115x22.2H	36	13,300	T27 / T29
0544240	4-1/2x7/8H	115x22.2H	40	13,300	T27 / T29
0544260	4-1/2x7/8H	115x22.2H	60	13,300	T27 / T29
0544280	4-1/2x7/8H	115x22.2H	80	13,300	T27 / T29
0544336	5x7/8H	125x22.2H	36	12,200	T27 / T29
0544360	5x7/8H	125x22.2H	60	12,200	T27 / T29
0544380	5x7/8H	125x22.2H	80	12,200	T27 / T29
0544312	5x7/8H	125x22.2H	120	12,200	T27 / T29
0544536	7x7/8H	180x22.2H	36	8,500	T27 / T29
0544560	7x7/8H	180x22.2H	60	8,500	T27 / T29
0544580	7x7/8H	180x22.2H	80	8,500	T27 / T29



Applications

- 1 For combined grinding and finishing in electric or air powered right angle grinders.
- 1 For general purpose grinding and smoothing of ferrous or non-ferrous metals. Long life in stainless steel.

Flap Wheel

Item No.	Outer Diameter Inch	Hole Diameter Metric	Grit	Maximum RPM	Shape
0541236	4-1/2x7/8H	115x22.2H	36	13,300	T27 / T29
0541240	4-1/2x7/8H	115x22.2H	40	13,300	T27 / T29
0541260	4-1/2x7/8H	115x22.2H	60	13,300	T27 / T29
0541280	4-1/2x7/8H	115x22.2H	80	13,300	T27 / T29
0541212	4-1/2x7/8H	115x22.2H	120	13,300	T27 / T29
0541222	4-1/2x7/8H	115x22.2H	220	13,300	T27 / T29
0541336	5x7/8H	125x22.2H	36	12,200	T27 / T29
0541360	5x7/8H	125x22.2H	60	12,200	T27 / T29
0541380	5x7/8H	125x22.2H	80	12,200	T27 / T29
0541310	5x7/8H	125x22.2H	100	12,200	T27 / T29
0541536	7x7/8H	180x22.2H	36	8,500	T27 / T29
0541560	7x7/8H	180x22.2H	60	8,500	T27 / T29
0541580	7x7/8H	180x22.2H	80	8,500	T27 / T29



Applications

- 1 For combined grinding and finishing in electric or air powered right angle grinders.
- 1 For general purpose grinding and smoothing of ferrous or non-ferrous metals.

Silicon Carbide Ceramic Grinding Wheels

Item No.	Inch	Metric
0521102-a	4"	100mm



Zec Wheel

Item No.	Inch	Metric	Grit
0508104	4-1/2x5/64x5/8	115x2.0x16	8# - 36#
0508103	5x5/64x7/8	125x2.0x22	8# - 36#
0508102	7x5/64x7/8	180x2.0x22	8# - 36#





Resin Bond Fiber For Granite

Item No.	Diameter x Hole Size		Grit	Maximum RPM	Sharp
	Inch	Metric			
0508402	4-1/2x7/8H	115x22H	36	13,300	Depressed
0508403	4-1/2x7/8H	115x22H	50	13,300	Depressed
0508404	4-1/2x7/8H	115x22H	60	13,300	Depressed
0508405	4-1/2x7/8H	115x22H	80	13,300	Depressed
0508406	4-1/2x7/8H	115x22H	100	13,300	Depressed
0508407	4-1/2x7/8H	115x22H	120	13,300	Depressed



Fiber Disc

Aluminum Oxide

Item No.	Dimension		Grit
	mm	Inch	
0504901	100x16	4"x5/8"	36
0504902	100x16	4"x5/8"	50
0504903	100x16	4"x5/8"	80
0504904	100x16	4"x5/8"	120
0504911	115x22.2	4-1/2"x7/8"	36
0504912	115x22.2	4-1/2"x7/8"	50
0504913	115x22.2	4-1/2"x7/8"	80
0504914	115x22.2	4-1/2"x7/8"	120
0504921	180x22.2	7"x7/8"	16
0504922	180x22.2	7"x7/8"	24
0504923	180x22.2	7"x7/8"	36
0504924	180x22.2	7"x7/8"	50
0504925	180x22.2	7"x7/8"	80
0504926	180x22.2	7"x7/8"	120



Silicone Carbide

Item No.	Dimension		Grit
	mm	Inch	
0504951	100x16	4"x5/8"	36
0504952	100x16	4"x5/8"	60
0504953	100x16	4"x5/8"	80
0504954	100x16	4"x5/8"	100
0504961	115x22.2	4-1/2"x7/8"	36
0504962	115x22.2	4-1/2"x7/8"	60
0504963	115x22.2	4-1/2"x7/8"	80
0504964	115x22.2	4-1/2"x7/8"	100
0504971	180x22.2	7"x7/8"	36
0504972	180x22.2	7"x7/8"	60
0504973	180x22.2	7"x7/8"	80
0504974	180x22.2	7"x7/8"	100



Rotary Flap Sander

Item No.	Outer Diameter x Thickness x Hole Diameter		Grit	Maximum RPM
	Inch	Metric		
0513301	1 x 1 x 1/4 shank	25 x 25 x 6.35shank	60	25,000
0513302	1 x 1 x 1/4 shank	25 x 25 x 6.35shank	80	25,000
0513303	1 x 1 x 1/4 shank	25 x 25 x 6.35shank	120	25,000
0513325	1 x 1 x 1/4 shank	25 x 25 x 6.35shank	180	25,000
0513326	1-1/2 x 3/4 x 1/4 shank	38 x 19 x 6.35shank	60	18,000
0513327	1-1/2 x 3/4 x 1/4 shank	38 x 19 x 6.35shank	80	18,000
0513328	1-1/2 x 3/4 x 1/4 shank	38 x 19 x 6.35shank	120	18,000
0513329	1-1/2 x 1 x 1/4 shank	38 x 25 x 6.35shank	60	15,000
0513330	1-1/2 x 1 x 1/4 shank	38 x 25 x 6.35shank	80	15,000
0513331	1-1/2 x 1 x 1/4 shank	38 x 25 x 6.35shank	120	15,000
0513332	1-1/2 x 1 x 1/4 shank	38 x 25 x 6.35shank	180	15,000
0513304	2 x 1 x 1/4 shank	50 x 25 x 6.35shank	60	22,000
0513305	2 x 1 x 1/4 shank	50 x 25 x 6.35shank	80	22,000
0513333	2 x 1 x 1/4 shank	50 x 25 x 6.35shank	120	22,000
0513334	2 x 1 x 1/4 shank	50 x 25 x 6.35shank	180	22,000
0513307	3 x 1 x 1/4 shank	75 x 25 x 6.35shank	60	18,000
0513308	3 x 1 x 1/4 shank	75 x 25 x 6.35shank	80	18,000
0513309	3 x 1 x 1/4 shank	75 x 25 x 6.35shank	120	18,000
0513313	6 x 1 x 1 H	150 x 25 x 22.2H	60	6,000
0513314	6 x 1 x 1 H	150 x 25 x 22.2H	80	6,000
0513322	8 x 2 x 1 H	200 x 50 x 22.2H	60	4,000
0513323	8 x 2 x 1 H	200 x 50 x 22.2H	80	4,000



Applications

- 1 For finishing and light stock removal.
- 1 For ferrous and non-ferrous metals, woods, and plastics.
- 1 Deburring and blending.
- 1 Cleaning and polishing.
- 1 Pre-paint preparation.

Non-woven Interleave Rotary Flap Sander

Item No.	Outer Diameter x Thickness x Hole Diameter		Grit	Maximum RPM
	Inch	mm		
0513552	2x1-3/16x1/4 shank	50 x 30 x 6shank	60	22,000
0513554	2x1-3/16x1/4 shank	50 x 30 x 6shank	100	22,000
0513556	2x1-3/16x1/4 shank	50 x 30 x 6shank	150	22,000
0513558	2x1-3/16x1/4 shank	50 x 30 x 6shank	200	22,000
0513562	2-3/8x2x1/4 shank	60 x 50 x 6shank	60	20,000
0513564	2-3/8x2x1/4 shank	60 x 50 x 6shank	100	20,000
0513566	2-3/8x2x1/4 shank	60 x 50 x 6shank	150	20,000
0513568	2-3/8x2x1/4 shank	60 x 50 x 6shank	200	20,000
0513582	3-1/8x2x1/4 shank	80 x 50 x 6 shank	60	17,000
0513584	3-1/8x2x1/4 shank	80 x 50 x 6 shank	100	17,000
0513586	3-1/8x2x1/4 shank	80 x 50 x 6 shank	150	17,000
0513588	3-1/8x2x1/4 shank	80 x 50 x 6 shank	200	17,000



Quick-change Surface Conditioning Discs

Item No.	Outer Diameter		Grit	Maximum RPM
	Inch	mm		
0514101	1"	25	36	25,000
0514102	1"	25	80	25,000
0514103	1"	25	100	25,000
0514104	1"	25	120	25,000
0514111	2"	50	36	22,000
0514112	2"	50	80	22,000
0514113	2"	50	100	22,000
0514114	2"	50	120	22,000
0514121	3"	75	36	18,000
0514122	3"	75	80	18,000
0514123	3"	75	100	18,000
0514124	3"	75	120	18,000



Spongy Wheel

Item No.	Outer Diameter x Hole Diameter		Grit
	Inch	Metric	
0512001	4x3/8x5/8H	100 x 10 x 16	36
0512002	4x3/8x5/8H	100 x 10 x 16	60
0512003	4x3/8x5/8H	100 x 10 x 16	80
0512004	4x3/8x5/8H	100 x 10 x 16	100
0512005	4x3/8x5/8H	100 x 10 x 16	220
0512006	4x3/8x5/8H	100 x 10 x 16	240
0512007	4x3/8x5/8H	100 x 10 x 16	500
0512008	4x3/8x5/8H	100 x 10 x 16	800
0512009	4x3/8x5/8H	100 x 10 x 16	1000
0512010	4x3/8x5/8H	100 x 10 x 16	1500
0512011	4x3/8x5/8H	100 x 10 x 16	2000
0512012	4-1/2x3/8x7/8H	115 x 10 x 22.2	80
0512013	4-1/2x3/8x7/8H	115 x 10 x 22.2	100
0512014	4-1/2x3/8x7/8H	115 x 10 x 22.2	120
0512015	4-1/2x3/8x7/8H	115 x 10 x 22.2	220
0512016	4-1/2x3/8x7/8H	115 x 10 x 22.2	320
0512017	4-1/2x3/8x7/8H	115 x 10 x 22.2	600



Carborundum Sharpening Stone

Item No.	Outer Diameter x Width x Thickness	
	Inch	Metric
0512901	9" x 1-5/16" x 1/2"	230 x 33 x 13.5





Sanding Pad

1. Sanding Pad, With Velcro

Item No.	Outer mm	Diameter Inch	Thread Size
0506205	100	4"	5/16" - 24UNF



2. Sanding Pad 8 Holes, With Velcro

Item No.	Outer mm	Diameter Inch	Thread Size
0506216	125	5"	5/16" - 24UNF
0506217	150	6"	5/16" - 24UNF



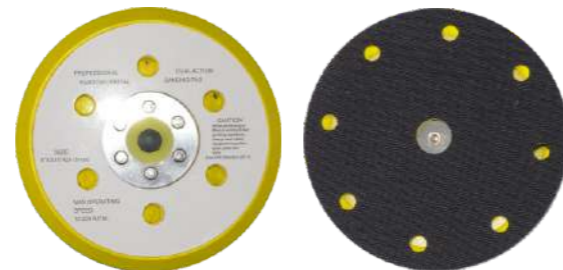
3. Sanding Pad, With Velcro

Item No.	Outer mm	Diameter Inch	Thread Size
0506226	125	5"	5/16" - 24UNF
0506227	150	6"	5/16" - 24UNF



4. Sanding Pad 8+1 Holes, With Velcro

Item No.	Outer mm	Diameter Inch	Thread Size
0506237	150	6"	5/16" - 24UNF



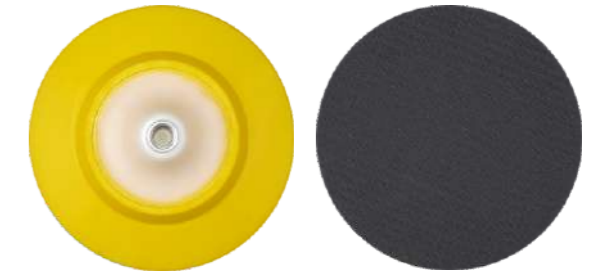
5. Backing Sanding Pad, With Velcro

Item No.	Outer mm	Diameter Inch	Thread Size
0506256	125	5"	M10x1.5, M14x2, 5/8" -11NC
0506257	150	6"	M14x2, 5/8" -11NC, M16x2
0506258	180	7"	M14x2, 5/8" -11NC, M16x2



6. Backing Sanding Pad, With Velcro

Item No.	Outer mm	Diameter Inch	Thread Size
0506266	125	5"	M10x1.5, M14x2, 5/8" -11NC
0506267	150	6"	M14x2, 5/8" -11NC, M16x2
0506268	180	7"	M14x2, 5/8" -11NC, M16x2



7. Backing Sanding Pad, With Velcro

Item No.	Outer mm	Diameter Inch	Thread Size
0506276	125	5"	M10x1.5, M14x2, 5/8" -11NC
0506277	150	6"	M14x2, 5/8" -11NC, M16x2
0506278	180	7"	M14x2, 5/8" -11NC, M16x2



8. Backing Sanding Pad, With Velcro

Item No.	Outer mm	Diameter Inch	Thread Size
0506288	180	7"	M14x2, 5/8" -11NC, M16x2



9. Plastic Backing Pad, With Velcro

Item No.	Outer mm	Diameter Inch	Thread Size
0506295	100	4"	M10x1.25, M10x1.5, M14x2
0506296	125	5"	M14x2, 5/8" -11NC, M16x2
0506297	150	6"	M14x2, 5/8" -11NC, M16x2
0506298	180	7"	M14x2, 5/8" -11NC, M16x2



10. Plastic Backing Pad, With Velcro

Item No.	Outer mm	Diameter Inch	Thread Size
0506405	115	4-1/2"	M14x2, 5/8" -11NC, M16x2
0506406	125	5"	M14x2, 5/8" -11NC, M16x2
0506407	150	6"	M14x2, 5/8" -11NC, M16x2
0506408	180	7"	M14x2, 5/8" -11NC, M16x2
0506409	230	9"	M14x2, 5/8" -11NC, M16x2





Sanding Block

1. Sanding Block, With Velcro

Item No.	Outer mm	Diameter Inch
0507116	125	5"
0507117	150	6"



2. Sanding Block, With Velcro

Item No.	Outer mm	Diameter Inch
0507126	125	5"
0507127	150	6"



3. Sanding Block, With Velcro

Item No.	mm	Size Inch
0507137	90x150	3-9/16"x6"



4. Sanding Block, With Velcro

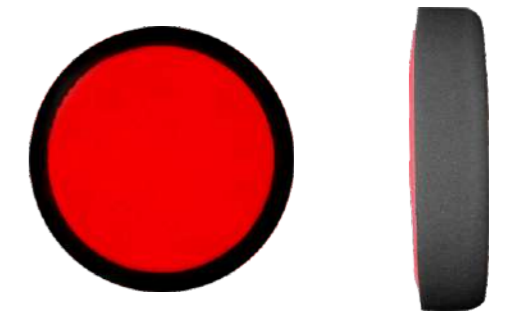
Item No.	mm	Size Inch
0507146	55x120	2-3/16"x4-3/4"



Polishing Foams

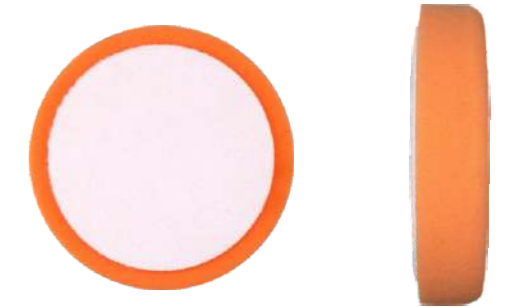
1. Polishing Foams (soft), With Velcro

Item No.	Outer Diameter mm	Thickness Inch
0507201	125x30	5"x1-3/16"
0507202	150x30	6"x1-3/16"
0507203	180x30	7"x1-3/16"
0507206	125x50	5"x2"
0507207	150x50	6"x2"
0507208	180x50	7"x2"



2. Polishing Foams (medium), With Velcro

Item No.	Outer Diameter mm	Thickness Inch
0507211	125x30	5"x1-3/16"
0507212	150x30	6"x1-3/16"
0507213	180x30	7"x1-3/16"
0507216	125x50	5"x2"
0507217	150x50	6"x2"
0507218	180x50	7"x2"



3. Polishing Foams (firm), With Velcro

Item No.	Outer Diameter mm	Thickness Inch
0507221	125x30	5"x1-3/16"
0507222	150x30	6"x1-3/16"
0507223	180x30	7"x1-3/16"
0507226	125x50	5"x2"
0507227	150x50	6"x2"
0507228	180x50	7"x2"



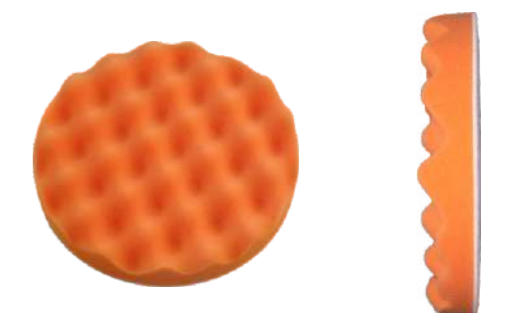
4. Polishing Foams (soft), With Velcro

Item No.	Outer Diameter mm	Thickness Inch
0507231	80x30	3-1/8"x1-3/16"
0507232	100x30	4"x1-3/16"
0507233	115x30	4-1/2"x1-3/16"
0507234	125x30	5"x1-3/16"
0507235	150x30	6"x1-3/16"
0507236	180x30	7"x1-3/16"
0507237	200x30	8"x1-3/16"



5. Polishing Foams (medium), With Velcro

Item No.	Outer Diameter mm	Thickness Inch
0507241	80x30	3-1/8"x1-3/16"
0507242	100x30	4"x1-3/16"
0507243	115x30	4-1/2"x1-3/16"
0507244	125x30	5"x1-3/16"
0507245	150x30	6"x1-3/16"
0507246	180x30	7"x1-3/16"
0507247	200x30	8"x1-3/16"



Abrasive Products

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6. Polishing Foams (hard), With Velcro

Item No.	Outer Diameter x Thickness mm	Thickness Inch
0507251	80x30	3-1/8"x1-3/16"
0507252	100x30	4"x1-3/16"
0507253	115x30	4-1/2"x1-3/16"
0507254	125x30	5"x1-3/16"
0507255	150x30	6"x1-3/16"
0507256	180x30	7"x1-3/16"
0507257	200x30	8"x1-3/16"



Compounding + Polishing Sponges

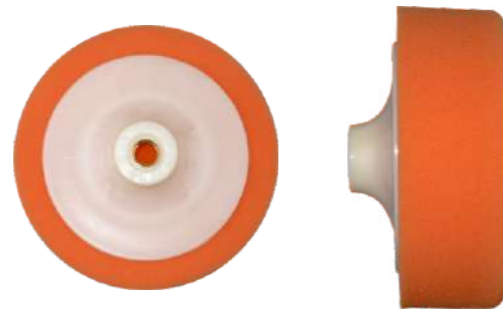
1. Compounding + Polishing Sponges (soft)

Item No.	Outer Diameter mm	Thickness Inch	Thread Size
0507316	125x50	5"x2"	M10x1.5, M14x2, 5/8" -11NC
0507317	150x50	6"x2"	M14x2, 5/8" -11NC, M16x2
0507318	180x50	7"x2"	M14x2, 5/8" -11NC, M16x2



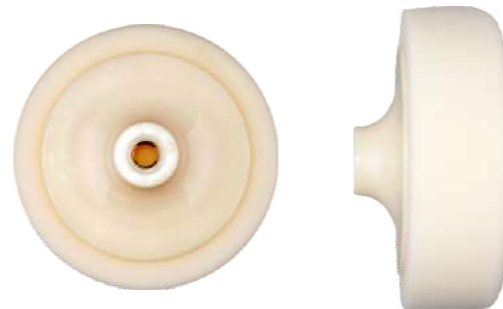
2. Compounding + Polishing Sponges (medium)

Item No.	Outer Diameter mm	Thickness Inch	Thread Size
0507326	125x50	5"x2"	M10x1.5, M14x2, 5/8" -11NC
0507327	150x50	6"x2"	M14x2, 5/8" -11NC, M16x2
0507328	180x50	7"x2"	M14x2, 5/8" -11NC, M16x2



3. Compounding + Polishing Sponges (hard)

Item No.	Outer Diameter mm	Thickness Inch	Thread Size
0507336	125x50	5"x2"	M10x1.5, M14x2, 5/8" -11NC
0507337	150x50	6"x2"	M14x2, 5/8" -11NC, M16x2
0507338	180x50	7"x2"	M14x2, 5/8" -11NC, M16x2



Lamb Wool Polishing Bonnet

Lamb Wool Polishing Bonnet, With Tightening

Item No.	Metric	Inch
0509101	125	5"
0509102	135	5-1/4"
0509103	150	6"
0509104	180	7"
0509107	190	7-1/2"
0509108	200	8"



Wool Bonnet

Wool Bonnet, With Velcro

Item No.	Metric	Inch
0509121	125	5"
0509123	150	6"
0509125	180	7"
0509127	200	8"



5pcs Sanding Pad Set (0517101)

- 1pc 75mm rubber sanding pad with velcro
- 1pc 105mm black polishing sponge with velcro
- 1pc 105mm orange plishing sponge with velcro
- 1pc 120mm yellow wool bonnet with velcro
- 1pc 120mm white wool bonnet with velcro



5pcs Sanding Pad Set (0517102)

- 1pc 120mm rubber sanding pad with velcro
- 1pc 125mm sanding disc with velcro, grit 180
- 1pc 125mm sanding disc with velcro, grit 240
- 1pc 125mm sanding disc with velcro, grit 400
- 1pc 125mm wool bonnet with tightening
- 1pc 125mm blue polishing sponge with velcro



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7pcs Hexagon Foam Polishing Pad Set (0517103)



12pcs Polishing Pad Set(0517104)

- 5pcs flat foam pad
- 4pcs waffle foam pad
- 1pc backing pad M14
- 1pc adaptor
- 1pc woolen pad



24pcs Polishing Pad Set(0517105)

- 8pcs flat foam pad
- 8pcs waffle foam pad
- 2pcs backing pad M14
- 2pcs adaptor
- 2pcs sand paper
- 2pcs woolen pad



4pcs Polishing Pad Set(0517106)

- 1pc wool pad
- 3pcs waffle foam pad



Yellow Buff

Item No.	Inch	Metric	PLY	STITCHING
0509401	3	75	46	4rows
0509402	4	100	40	3rows
0509403	6	150	50	6rows
0509404	6	150	60	8rows
0509405	8	200	50	9rows
0509406	10	250	50	9rows

Leather Patch Center Or 1" Arbor

White Buff

Item No.	Inch	Metric	PLY	STITCHING
0509501	1	25	16	1rows
0509512	4	100	45	3rows
0509513	4	100	55	7rows
0509514	4	100	75	3rows
0509521	6	150	18	4rows
0509522	6	150	40	1rows
0509523	6	150	50	6rows
0509524	6	150	55	6rows
0509525	6	150	80	1rows
0509526	6	150	80	6rows
0509531	8	200	40	1rows
0509532	8	200	50	9rows
0509533	8	200	80	1rows
0509534	8	200	80	9rows
0509541	10	250	40	1rows
0509542	10	250	50	9rows

Leather Patch Center

White Buff With Shank

Item No.	Inch	Metric	Width	Shank D.
0509201	2-1/2"	65	16(5/8")	6(1/4")
0509202	2-1/2"	65	13(1/2")	6(1/4")
0509203	2-1/2"	65	20(3/4")	6(1/4")
0509211	3"	75	13(1/2")	6(1/4")
0509212	3"	75	16(5/8")	6(1/4")

White Buff With Handle

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0509301	1.5"	38	1/4"	6
0509302	2"	51	1/4"	6
0509303	2.5"	64	1/4"	6
0509304	3.5"	89	1/4"	6

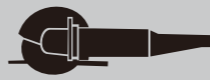
Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0509311	1.5"	38	1/4"	6
0509312	2"	51	1/4"	6
0509333	2.5"	64	1/4"	6
0509344	3"	76	1/4"	6

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0509321	1.5"	38	1/4"	6
0509322	2"	51	1/4"	6
0509323	2.5"	64	1/4"	6
0509324	3"	76	1/4"	6
0509325	3.5"	89	1/4"	6
0509326	4"	102	1/4"	6



Abrasive Products

Abrasive Products



Sisal Buff

Item No.	Diameter		PLY	STITCHING
	Inch	Metric		
0509601	3	75	11	5rows
0509603	6	150	11	Spiral row
0509605	8	200	11	Spiral row
0509607	10	250	11	Spiral row



Airway Buff

Item No.	Diameter		PLY
	Inch	Metric	
0509701	8	200	16



Color Buff

Item No.	Diameter		Thickness	STITCHING
	Inch	Metric		
0509801	6	150	20mm	7rows
0509802	8	200	20mm	10rows



Felt Polishing Wheel

Item No.	Diameter		Density
	Inch	Metric	
0509901	6"x1/2"x1"	150x12.5x25	Soft
0509902	6"x1/2"x1"	150x12.5x25	Med
0509903	6"x1/2"x1"	150x12.5x25	Hard
0509904	6"x1"x1/2"	150x25x12.5	Med
0509905	6"x1"x1"	150x25x25	Hard
0509906	8"x1"x1"	200x25x25	Hard



Cylinder Bob

Item No.	Diameter		Working Height		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0526101	1/4"	6.4	1/4"	6.4	1/8"	3.2
0526102	1/4"	6.4	3/8"	9.5	1/8"	3.2
0526103	3/8"	9.5	3/8"	9.5	1/8"	3.2
0526104	1/2"	12.7	1/2"	12.7	1/8"	3.2
0526105	1/2"	12.7	3/4"	19.1	1/8"	3.2
0526106	1/2"	12.7	1"	25.4	1/8"	3.2
0526107	3/4"	19.1	3/4"	19.1	1/8"	3.2
0526108	3/4"	19.1	1"	25.4	1/8"	3.2
0526109	3/4"	19.1	1-1/2"	38.1	1/4"	6.35
0526110	1"	25.4	1"	25.4	1/4"	6.35
0526111	1"	25.4	1-1/4"	31.8	1/4"	6.35
0526112	1"	25.4	1-1/2"	38.1	1/4"	6.35
0526113	1"	25.4	2"	50.8	1/4"	6.35
0526115	1-1/4"	31.8	1-1/4"	31.8	1/4"	6.35
0526116	1-1/2"	38.1	1"	25.4	1/4"	6.35
0526117	1-1/2"	38.1	1-1/2"	38.1	1/4"	6.35



Density Available:soft, medium, hard

Shaped Bob Type1

Item No.	Diameter		Working Height		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0526201	3/8"	9.5	1/2"	12.7	1/8"	3.2
0526202	1/2"	12.7	1"	25.4	1/8"	3.2
0526203	3/4"	19.1	1-1/2"	38.1	1/4"	6.35
0526204	1"	25.4	2"	50.8	1/4"	6.35

Density Available:soft, medium, hard



Type1

Shaped Bob Type2

Item No.	Diameter		Working Height		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0526206	3/8"	9.5	1/2"	12.7	1/8"	3.2
0526207	1/2"	12.7	1/2"	12.7	1/8"	3.2
0526208	3/4"	19.1	3/4"	19.1	1/8"	3.2
0526209	1"	25.4	1"	25.4	1/4"	6.35

Density Available:soft, medium, hard



Type2

Shaped Bob Type3

Item No.	Diameter		Working Height		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0526210	3/8"	9.5	1/2"	12.7	1/8"	3.2
0526211	1/2"	12.7	1"	25.4	1/8"	3.2
0526212	3/4"	19.1	1-1/2"	38.1	1/4"	6.35
0526213	1"	25.4	2"	50.8	1/4"	6.35

Density Available:soft, medium, hard



Type3

Shaped Bob Type4

Item No.	Diameter		Working Height		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0526214	1/2"	12.7	3/4"	19.1	1/8"	3.2
0526215	3/4"	19.1	1"	25.4	1/4"	6.35
0526216	1"	25.4	1-1/4"	31.8	1/4"	6.35

Density Available:soft, medium, hard



Type4

Shaped Bob Type5

Item No.	Diameter		Working Height		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0526217	3/8"	9.5	1/2"	12.7	1/8"	3.2
0526218	1/2"	12.7	3/4"	19.1	1/8"	3.2
0526219	3/4"	19.1	1"	25.4	1/4"	6.35
0526220	1"	25.4	1-1/4"	31.8	1/4"	6.35

Density Available:soft, medium, hard



Type5

Shaped Bob Type6

Item No.	Diameter		Working Height		Shank	
	Inch	Metric	Inch	Metric	Inch	Metric
0526221	1/2"	12.7	1/2"	12.7	1/8"	3.2
0526222	3/4"	19.1	3/4"	19.1	1/4"	6.35
0526223	1"	25.4	1"	25.4	1/4"	6.35

Density Available:soft, medium, hard



Type6



Bench Grinding Wheel



Brown corundum(A)

Features: The basic type of corundum. Brown in color. Very hard and high elasticity

Applications: Used in the whittling of normal. Free whittling and coarse whittling.etc. Also used in the whittling of hard bronze. Forgable cast iron and alloy steel.etc.

White corundum(WA)

Features: The basic type of corundum. White in color. Higher hardness and lower elasticity than brown corundum

Applications: Used in the whittling of chilled steel. Alloy steel and high speed steel.etc. Also used in the processing of bolt line gear wheels and thin-wall parts.etc.

Green carbonized silicon(CG)

Features: Green in color. The hardness only inferior to carbonized boron and diamond, but a bit higher hardness and crispness than black carbonized silicon.

Applications: Used in the whittling of high hardness materials such as hard alloy, glass, agate and cylinder cover.etc.

Item No.	Diameter		Thickness	
	Inch	Metric	Inch	Metric
0519101	5"	125	1/2"	13
0519102	5"	125	5/8"	16
0519103	5"	125	3/4"	20
0519104	6"	150	1/2"	13
0519105	6"	150	5/8"	16
0519106	6"	150	3/4"	20
0519107	6"	150	1"	25
0519108	7"	175	3/4"	20
0519109	7"	175	1"	25
0519110	8"	200	3/4"	20
0519111	8"	200	1"	25
0519112	8"	200	1-9/16"	40
0519113	10"	250	1"	25
0519114	10"	250	1-1/4"	32
0519115	12"	300	1"	25
0519116	12"	300	1-1/4"	32
0519117	12"	300	1-1/2"	38
0519118	14"	350	1"	25
0519119	14"	350	1-1/4"	32
0519120	14"	350	1-9/16"	40
0519121	14"	350	2"	50
0519122	16"	400	1"	25
0519123	16"	400	1-1/2"	38

Item No.	Diameter		Overall Length	
	Inch	Metric	Inch	Metric
0519124	16"	400	1-9/16"	40
0519125	16"	400	2"	50
0519126	16"	400	2-1/2"	63
0519127	18"	450	1"	25
0519128	18"	450	1-9/16"	40
0519129	18"	450	2"	50
0519130	18"	450	2-1/2"	63
0519131	18"	450	4"	100
0519132	20"	500	1"	25
0519133	20"	500	1-9/16"	40
0519134	20"	500	2"	50
0519135	20"	500	2-1/2"	63
0519136	20"	500	4"	100
0519137	22"	550	1"	25
0519138	22"	550	1-9/16"	40
0519139	22"	550	2"	50
0519140	22"	550	2-1/2"	63
0519141	22"	550	4"	100
0519142	24"	600	1"	25
0519143	24"	600	1-9/16"	40
0519144	24"	600	2"	50
0519145	24"	600	2-1/2"	63
0519146	24"	600	4"	100

Arbor Sizes: 125mm Available: 12.7, 16, 20, 25.4mm; 150mm Available: 12.7, 16, 20, 25.4, 32mm; 175/200mm Available:20, 25.4, 32mm; 250mm Available: 25.4, 32, 38.1mm; 300mm Available: 25.4, 32, 38.1, 76.2mm; 350mm Available: 25.4, 38.1, 76.2, 127mm; 400/450mm Available: 25.4, 38.1, 127, 203mm; 500/550/600mm Available: 25.4, 38.1, 127, 203, 305mm;

1. Tapered Spindle, Round Shank

Item No.	Specification mm	Description
0520001-1	12x130mm	Round Shank,left Hand
0520001-2	12x130mm	Round Shank,right Hand



2. Tapered Spindle, Hex Shank

Item No.	Specification mm	Description
0520002-1	12x130mm	Round Shank,left Hand
0520002-2	12x130mm	Round Shank,right Hand



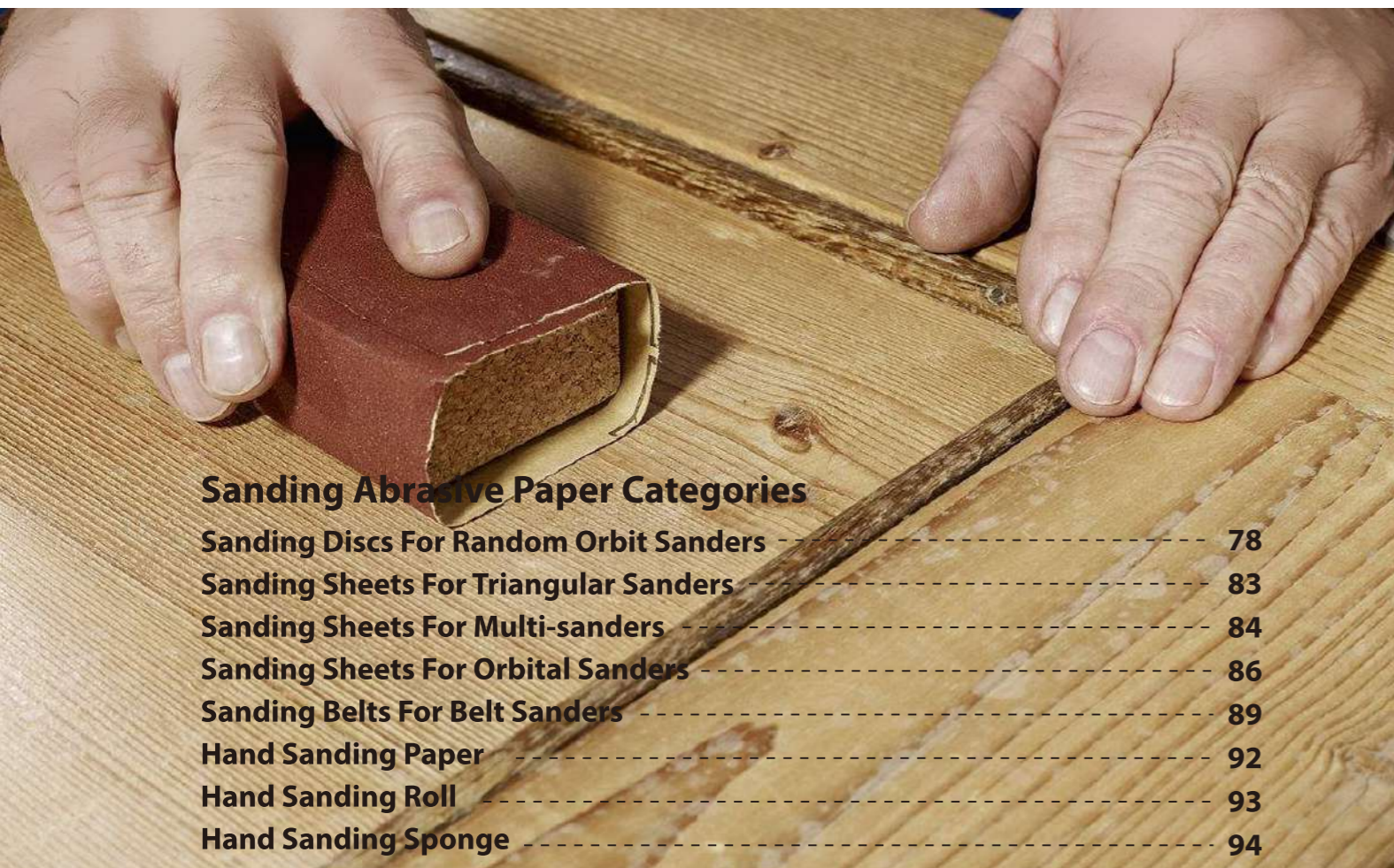
2. Tapered Spindle

Item No.	Specification mm	Description
0520003-1	16x145mm	Left Hand
0520003-2	16x145mm	Right Hand



Abrasive Products

Abrasive Products



Sanding Abrasive Paper Categories

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- Hand Sanding Sponge 94

Sanding Discs For Random Orbit Sanders

For Paint

Item No.	Dimension		Grit	Back
	mm	Inch		
0530001	115	4-1/2"	40	Hook & loop
0530002	115	4-1/2"	60	Hook & loop
0530003	115	4-1/2"	80	Hook & loop
0530004	115	4-1/2"	100	Hook & loop
0530005	115	4-1/2"	120	Hook & loop
0530006	115	4-1/2"	180	Hook & loop
0530007	115	4-1/2"	240	Hook & loop
0530021	125	5"	40	Hook & loop
0530022	125	5"	60	Hook & loop
0530023	125	5"	80	Hook & loop
0530024	125	5"	100	Hook & loop
0530025	125	5"	120	Hook & loop
0530026	125	5"	180	Hook & loop
0530027	125	5"	240	Hook & loop
0530041	150	6"	40	Hook & loop
0530042	150	6"	60	Hook & loop
0530043	150	6"	80	Hook & loop
0530044	150	6"	100	Hook & loop
0530045	150	6"	120	Hook & loop
0530046	150	6"	180	Hook & loop
0530047	150	6"	240	Hook & loop



Sanding Abrasive Paper

Sanding Discs For Random Orbit Sanders

For Wood

Item No.	Dimension		Grit	Back
	mm	Inch		
0530201	115	4-1/2"	40	Hook & loop
0530202	115	4-1/2"	60	Hook & loop
0530203	115	4-1/2"	80	Hook & loop
0530204	115	4-1/2"	100	Hook & loop
0530205	115	4-1/2"	120	Hook & loop
0530206	115	4-1/2"	180	Hook & loop
0530207	115	4-1/2"	240	Hook & loop
0530221	125	5"	40	Hook & loop
0530222	125	5"	60	Hook & loop
0530223	125	5"	80	Hook & loop
0530224	125	5"	100	Hook & loop
0530225	125	5"	120	Hook & loop
0530226	125	5"	180	Hook & loop
0530227	125	5"	240	Hook & loop
0530228	125	5"	320	Hook & loop
0530241	150	6"	40	Hook & loop
0530242	150	6"	60	Hook & loop
0530243	150	6"	80	Hook & loop
0530244	150	6"	100	Hook & loop
0530245	150	6"	120	Hook & loop
0530246	150	6"	180	Hook & loop
0530247	150	6"	240	Hook & loop

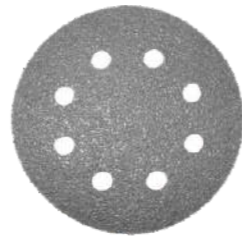
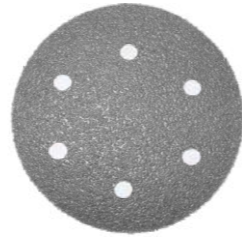


	PAINT		WOOD		STONE		METAL	
	Grit	Application	Grit	Application	Grit	Application	Grit	Application
Coarse	40	Sanding paint	40 60	For pre-sanding e.g. of rough uneven beams and boards	60	For pre-sanding	24	For deburring and derusting as well as sanding down
	60						36 50 60	
Medium	80	Sanding primer (e.g. removing brush strokes, paint drips and stains)	80 100 120	For surface sanding and sanding down of surface blemishes	80 100 120	For shaping and edge breaking	80	For deburring and cleaning
	100						100	
	120						120	
	150						150	
Fine	180	For finishing of primers prior to painting	180 240 320 400	For finishing and fine sanding of hard wood	180 240 320 400	For finishing and shaping	180	For finishing/bring out the grain
	220						240	
	240						320	
	320						400	
	360							
400								
Very Fine					600	Glass sanding of glass and stone and for rounding off edges		
					1200			



For Stone

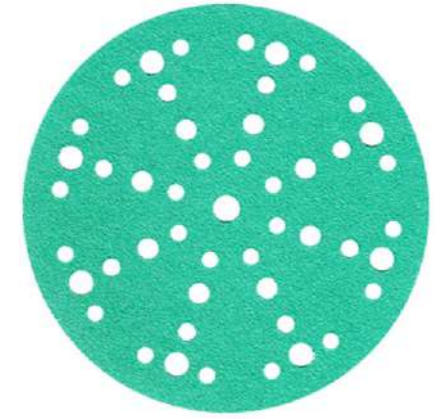
Item No.	Dimension		Grit	Back
	mm	Inch		
0530401	115	4-1/2"	60	Hook & loop
0530402	115	4-1/2"	80	Hook & loop
0530403	115	4-1/2"	100	Hook & loop
0530404	115	4-1/2"	120	Hook & loop
0530405	115	4-1/2"	180	Hook & loop
0530406	115	4-1/2"	240	Hook & loop
0530421	125	5"	60	Hook & loop
0530422	125	5"	80	Hook & loop
0530423	125	5"	100	Hook & loop
0530424	125	5"	120	Hook & loop
0530425	125	5"	180	Hook & loop
0530426	125	5"	240	Hook & loop
0530427	125	5"	320	Hook & loop
0530428	125	5"	400	Hook & loop
0530429	125	5"	600	Hook & loop
0530430	125	5"	1200	Hook & loop
0530441	150	6"	60	Hook & loop
0530442	150	6"	80	Hook & loop
0530443	150	6"	100	Hook & loop
0530444	150	6"	120	Hook & loop
0530445	150	6"	180	Hook & loop
0530446	150	6"	240	Hook & loop
0530447	150	6"	320	Hook & loop
0530448	150	6"	400	Hook & loop
0530449	150	6"	600	Hook & loop
0530450	150	6"	1200	Hook & loop



Sanding Discs For Random Orbit Sanders

Zirconia Film Disc For automotive polishing, metal

Item No.	Dimension		Grit	Back
	mm	Inch		
0537001	115	4-1/2"	40	Velcro / PSA
0537002	115	4-1/2"	60	Velcro / PSA
0537003	115	4-1/2"	80	Velcro / PSA
0537004	115	4-1/2"	100	Velcro / PSA
0537005	115	4-1/2"	120	Velcro / PSA
0537006	115	4-1/2"	180	Velcro / PSA
0537007	115	4-1/2"	240	Velcro / PSA
0537021	125	5"	40	Velcro / PSA
0537022	125	5"	60	Velcro / PSA
0537023	125	5"	80	Velcro / PSA
0537024	125	5"	100	Velcro / PSA
0537025	125	5"	120	Velcro / PSA
0537026	125	5"	180	Velcro / PSA
0537027	125	5"	240	Velcro / PSA
0537041	150	6"	40	Velcro / PSA
0537042	150	6"	60	Velcro / PSA
0537043	150	6"	80	Velcro / PSA
0537044	150	6"	100	Velcro / PSA
0537045	150	6"	120	Velcro / PSA
0537046	150	6"	180	Velcro / PSA
0537047	150	6"	240	Velcro / PSA



Sanding Discs For Random Orbit Sanders

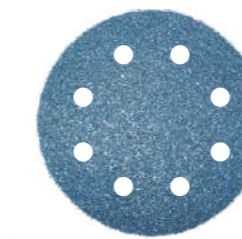
Zirconia Paper Disc For wood, metal

Item No.	Dimension		Grit	Back
	mm	Inch		
0537101	115	4-1/2"	40	Velcro / PSA
0537102	115	4-1/2"	60	Velcro / PSA
0537103	115	4-1/2"	80	Velcro / PSA
0537104	115	4-1/2"	100	Velcro / PSA
0537105	115	4-1/2"	120	Velcro / PSA
0537106	115	4-1/2"	180	Velcro / PSA
0537107	115	4-1/2"	240	Velcro / PSA
0537121	125	5"	40	Velcro / PSA
0537122	125	5"	60	Velcro / PSA
0537123	125	5"	80	Velcro / PSA
0537124	125	5"	100	Velcro / PSA
0537125	125	5"	120	Velcro / PSA
0537126	125	5"	180	Velcro / PSA
0537127	125	5"	240	Velcro / PSA
0537128	125	5"	320	Velcro / PSA
0537141	150	6"	40	Velcro / PSA
0537142	150	6"	60	Velcro / PSA
0537143	150	6"	80	Velcro / PSA
0537144	150	6"	100	Velcro / PSA
0537145	150	6"	120	Velcro / PSA
0537146	150	6"	180	Velcro / PSA
0537147	150	6"	240	Velcro / PSA



For Metal

Item No.	Dimension		Grit	Back
	mm	Inch		
0530603	115	4-1/2"	60	Hook & loop
0530604	115	4-1/2"	80	Hook & loop
0530605	115	4-1/2"	100	Hook & loop
0530606	115	4-1/2"	120	Hook & loop
0530607	115	4-1/2"	180	Hook & loop
0530608	115	4-1/2"	240	Hook & loop
0530623	125	5"	60	Hook & loop
0530624	125	5"	80	Hook & loop
0530625	125	5"	100	Hook & loop
0530626	125	5"	120	Hook & loop
0530627	125	5"	180	Hook & loop
0530628	125	5"	240	Hook & loop
0530643	150	6"	60	Hook & loop
0530644	150	6"	80	Hook & loop
0530645	150	6"	100	Hook & loop
0530646	150	6"	120	Hook & loop
0530647	150	6"	180	Hook & loop
0530648	150	6"	240	Hook & loop



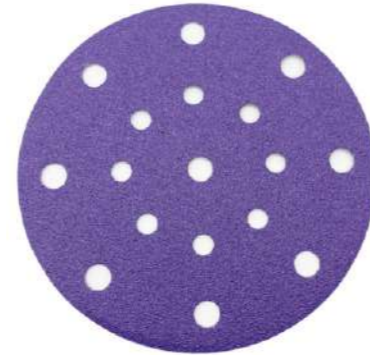
Sanding Abrasive Paper

Sanding Abrasive Paper



Ceramic Film Disc For hardwood, automotive polishing and composite material

Item No.	Dimension		Grit	Back
	mm	Inch		
0537201	115	4-1/2"	60	Velcro / PSA
0537202	115	4-1/2"	80	Velcro / PSA
0537203	115	4-1/2"	100	Velcro / PSA
0537204	115	4-1/2"	180	Velcro / PSA
0537205	115	4-1/2"	240	Velcro / PSA
0537211	125	5"	60	Velcro / PSA
0537212	125	5"	80	Velcro / PSA
0537213	125	5"	100	Velcro / PSA
0537214	125	5"	180	Velcro / PSA
0537215	125	5"	240	Velcro / PSA
0537221	150	6"	60	Velcro / PSA
0537222	150	6"	80	Velcro / PSA
0537223	150	6"	100	Velcro / PSA
0537224	150	6"	180	Velcro / PSA
0537225	150	6"	240	Velcro / PSA



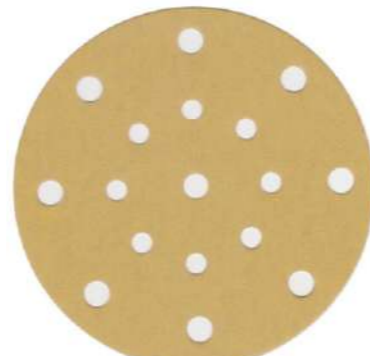
Ceramic Paper Disc For metal, welding spot and automotive polishing

Item No.	Dimension		Grit	Back
	mm	Inch		
0537301	115	4-1/2"	60	Velcro / PSA
0537302	115	4-1/2"	80	Velcro / PSA
0537303	115	4-1/2"	100	Velcro / PSA
0537304	115	4-1/2"	180	Velcro / PSA
0537305	115	4-1/2"	240	Velcro / PSA
0537311	125	5"	60	Velcro / PSA
0537312	125	5"	80	Velcro / PSA
0537313	125	5"	100	Velcro / PSA
0537314	125	5"	180	Velcro / PSA
0537315	125	5"	240	Velcro / PSA
0537321	150	6"	60	Velcro / PSA
0537322	150	6"	80	Velcro / PSA
0537323	150	6"	100	Velcro / PSA
0537324	150	6"	180	Velcro / PSA
0537325	150	6"	240	Velcro / PSA



Aluminium Oxide Paper Disc For putty, paint and wood

Item No.	Dimension		Grit	Back
	mm	Inch		
0537401	115	4-1/2"	60	Velcro / PSA
0537402	115	4-1/2"	80	Velcro / PSA
0537403	115	4-1/2"	100	Velcro / PSA
0537404	115	4-1/2"	180	Velcro / PSA
0537405	115	4-1/2"	240	Velcro / PSA
0537411	125	5"	60	Velcro / PSA
0537412	125	5"	80	Velcro / PSA
0537413	125	5"	100	Velcro / PSA
0537414	125	5"	180	Velcro / PSA
0537415	125	5"	240	Velcro / PSA
0537421	150	6"	60	Velcro / PSA
0537422	150	6"	80	Velcro / PSA
0537423	150	6"	100	Velcro / PSA
0537424	150	6"	180	Velcro / PSA
0537425	150	6"	240	Velcro / PSA



Sanding Sheets For Triangular Sanders

For Paint

Item No.	Dimension		Grit	Back
	mm	Inch		
0531021	93	3-2/3"	40	Hook & loop
0531022	93	3-2/3"	60	Hook & loop
0531023	93	3-2/3"	80	Hook & loop
0531024	93	3-2/3"	100	Hook & loop
0531025	93	3-2/3"	120	Hook & loop
0531026	93	3-2/3"	180	Hook & loop
0531027	93	3-2/3"	240	Hook & loop

For Wood

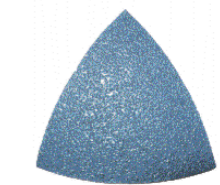
Item No.	Dimension		Grit	Back
	mm	Inch		
0531221	93	3-2/3"	40	Hook & loop
0531222	93	3-2/3"	60	Hook & loop
0531223	93	3-2/3"	80	Hook & loop
0531224	93	3-2/3"	100	Hook & loop
0531225	93	3-2/3"	120	Hook & loop
0531226	93	3-2/3"	180	Hook & loop
0531227	93	3-2/3"	240	Hook & loop

For Stone

Item No.	Dimension		Grit	Back
	mm	Inch		
0531421	93	3-2/3"	60	Hook & loop
0531422	93	3-2/3"	80	Hook & loop
0531423	93	3-2/3"	100	Hook & loop
0531424	93	3-2/3"	120	Hook & loop
0531425	93	3-2/3"	180	Hook & loop
0531426	93	3-2/3"	240	Hook & loop
0531427	93	3-2/3"	320	Hook & loop
0531428	93	3-2/3"	400	Hook & loop
0531429	93	3-2/3"	600	Hook & loop
0531430	93	3-2/3"	1200	Hook & loop

For Metal

Item No.	Dimension		Grit	Back
	mm	Inch		
0531623	93	3-2/3"	60	Hook & loop
0531624	93	3-2/3"	80	Hook & loop
0531625	93	3-2/3"	100	Hook & loop
0531626	93	3-2/3"	120	Hook & loop
0531627	93	3-2/3"	180	Hook & loop
0531628	93	3-2/3"	240	Hook & loop



Sanding Abrasive Paper

Sanding Abrasive Paper



Sanding Sheets For Multi-sanders

For Paint

Item No.	Dimension		Grit	Back
	mm	Inch		
0532001	98x139	3-7/8"x5-15/32"	40	Hook & loop
0532002	98x139	3-7/8"x5-15/32"	60	Hook & loop
0532003	98x139	3-7/8"x5-15/32"	80	Hook & loop
0532004	98x139	3-7/8"x5-15/32"	100	Hook & loop
0532005	98x139	3-7/8"x5-15/32"	120	Hook & loop
0532006	98x139	3-7/8"x5-15/32"	180	Hook & loop
0532007	98x139	3-7/8"x5-15/32"	240	Hook & loop



Item No.	Dimension		Grit	Back
	mm	Inch		
0532051	102x62, 93	4"x2-7/16", 3-2/3"	40	Hook & loop
0532052	102x62, 93	4"x2-7/16", 3-2/3"	60	Hook & loop
0532053	102x62, 93	4"x2-7/16", 3-2/3"	80	Hook & loop
0532054	102x62, 93	4"x2-7/16", 3-2/3"	100	Hook & loop
0532055	102x62, 93	4"x2-7/16", 3-2/3"	120	Hook & loop
0532056	102x62, 93	4"x2-7/16", 3-2/3"	180	Hook & loop
0532057	102x62, 93	4"x2-7/16", 3-2/3"	240	Hook & loop



For Wood

Item No.	Dimension		Grit	Back
	mm	Inch		
0532251	96x136	3-25/32"x5-3/8"	40	Hook & loop
0532252	96x136	3-25/32"x5-3/8"	60	Hook & loop
0532253	96x136	3-25/32"x5-3/8"	80	Hook & loop
0532254	96x136	3-25/32"x5-3/8"	100	Hook & loop
0532255	96x136	3-25/32"x5-3/8"	120	Hook & loop
0532256	96x136	3-25/32"x5-3/8"	180	Hook & loop
0532257	96x136	3-25/32"x5-3/8"	240	Hook & loop



Item No.	Dimension		Grit	Back
	mm	Inch		
0532310	107x175	4-7/32"x6-7/8"	40	Hook & loop
0532311	107x175	4-7/32"x6-7/8"	60	Hook & loop
0532312	107x175	4-7/32"x6-7/8"	80	Hook & loop
0532313	107x175	4-7/32"x6-7/8"	100	Hook & loop
0532314	107x175	4-7/32"x6-7/8"	120	Hook & loop
0532315	107x175	4-7/32"x6-7/8"	180	Hook & loop
0532316	107x175	4-7/32"x6-7/8"	240	Hook & loop
0532317	107x175	4-7/32"x6-7/8"	320	Hook & loop



Item No.	Dimension		Grit	Back
	mm	Inch		
0532351	102x62, 93	4"x2-7/16", 3-2/3"	40	Hook & loop
0532352	102x62, 93	4"x2-7/16", 3-2/3"	60	Hook & loop
0532353	102x62, 93	4"x2-7/16", 3-2/3"	80	Hook & loop
0532354	102x62, 93	4"x2-7/16", 3-2/3"	100	Hook & loop
0532355	102x62, 93	4"x2-7/16", 3-2/3"	120	Hook & loop
0532356	102x62, 93	4"x2-7/16", 3-2/3"	180	Hook & loop
0532357	102x62, 93	4"x2-7/16", 3-2/3"	240	Hook & loop



Item No.	Dimension		Grit	Back
	mm	Inch		
0532361	102x151	4"x5-15/16"	40	Hook & loop
0532362	102x151	4"x5-15/16"	60	Hook & loop
0532363	102x151	4"x5-15/16"	80	Hook & loop
0532364	102x151	4"x5-15/16"	100	Hook & loop
0532365	102x151	4"x5-15/16"	120	Hook & loop
0532366	102x151	4"x5-15/16"	180	Hook & loop
0532367	102x151	4"x5-15/16"	240	Hook & loop



For Stone

Item No.	Dimension		Grit	Back
	mm	Inch		
0532451	102x62, 93	4"x2-7/16", 3-2/3"	60	Hook & loop
0532452	102x62, 93	4"x2-7/16", 3-2/3"	80	Hook & loop
0532453	102x62, 93	4"x2-7/16", 3-2/3"	100	Hook & loop
0532454	102x62, 93	4"x2-7/16", 3-2/3"	120	Hook & loop
0532455	102x62, 93	4"x2-7/16", 3-2/3"	180	Hook & loop
0532456	102x62, 93	4"x2-7/16", 3-2/3"	240	Hook & loop



For Metal

Item No.	Dimension		Grit	Back
	mm	Inch		
0532601	98x139	3-7/8"x5-15/32"	24	Hook & loop
0532602	98x139	3-7/8"x5-15/32"	36	Hook & loop
0532603	98x139	3-7/8"x5-15/32"	60	Hook & loop
0532604	98x139	3-7/8"x5-15/32"	80	Hook & loop
0532605	98x139	3-7/8"x5-15/32"	100	Hook & loop
0532606	98x139	3-7/8"x5-15/32"	120	Hook & loop
0532607	98x139	3-7/8"x5-15/32"	180	Hook & loop
0532608	98x139	3-7/8"x5-15/32"	240	Hook & loop



Sanding Abrasive Paper

Sanding Abrasive Paper



Sanding Sheets For Orbital Sanders

For Paint

Item No.	Dimension		Grit	Back
	mm	Inch		
0533001	93x230	3-2/3" x 9"	40	Paper,clamped
0533003	93x230	3-2/3" x 9"	80	Paper,clamped
0533004	93x230	3-2/3" x 9"	100	Paper,clamped
0533005	93x230	3-2/3" x 9"	120	Paper,clamped
0533006	93x230	3-2/3" x 9"	180	Paper,clamped
0533010	115x140	4-1/2"x 5-1/2"	40	Paper,clamped
0533012	115x140	4-1/2"x 5-1/2"	80	Paper,clamped
0533013	115x140	4-1/2"x 5-1/2"	100	Paper,clamped
0533014	115x140	4-1/2"x 5-1/2"	120	Paper,clamped
0533015	115x140	4-1/2"x 5-1/2"	180	Paper,clamped



Item No.	Dimension		Grit	Back
	mm	Inch		
0533051	80x133	3-5/32"x5-1/4"	40	Hook & loop
0533053	80x133	3-5/32"x5-1/4"	80	Hook & loop
0533054	80x133	3-5/32"x5-1/4"	100	Hook & loop
0533055	80x133	3-5/32"x5-1/4"	120	Hook & loop
0533056	80x133	3-5/32"x5-1/4"	180	Hook & loop
0533091	80x166	3-5/32"x6-1/2"	40	Paper,clamped
0533093	80x166	3-5/32"x6-1/2"	80	Paper,clamped
0533094	80x166	3-5/32"x6-1/2"	100	Paper,clamped
0533095	80x166	3-5/32"x6-1/2"	120	Paper,clamped
0533096	80x166	3-5/32"x6-1/2"	180	Paper,clamped
0533100	93x280	3-2/3"x11"	40	Paper,clamped
0533102	93x280	3-2/3"x11"	80	Paper,clamped
0533103	93x280	3-2/3"x11"	100	Paper,clamped
0533104	93x280	3-2/3"x11"	120	Paper,clamped
0533105	93x280	3-2/3"x11"	180	Paper,clamped



Item No.	Dimension		Grit	Back
	mm	Inch		
0533060	93x185	3-2/3"x7-1/4"	40	Hook & loop
0533062	93x185	3-2/3"x7-1/4"	80	Hook & loop
0533063	93x185	3-2/3"x7-1/4"	100	Hook & loop
0533064	93x185	3-2/3"x7-1/4"	120	Hook & loop
0533065	93x185	3-2/3"x7-1/4"	180	Hook & loop



Item No.	Dimension		Grit	Back
	mm	Inch		
0533141	115x230	4-1/2"x9"	40	Hook & loop
0533143	115x230	4-1/2"x9"	80	Hook & loop
0533144	115x230	4-1/2"x9"	100	Hook & loop
0533145	115x230	4-1/2"x9"	120	Hook & loop
0533146	115x230	4-1/2"x9"	180	Hook & loop
0533171	115x280	4-1/2"x11"	40	Paper,clamped
0533173	115x280	4-1/2"x11"	80	Paper,clamped
0533174	115x280	4-1/2"x11"	100	Paper,clamped
0533175	115x280	4-1/2"x11"	120	Paper,clamped
0533176	115x280	4-1/2"x11"	180	Paper,clamped



For Wood

Item No.	Dimension		Grit	Back
	mm	Inch		
0533201	93x230	3-2/3" x 9"	40	Paper,clamped
0533202	93x230	3-2/3" x 9"	60	Paper,clamped
0533204	93x230	3-2/3" x 9"	100	Paper,clamped
0533205	93x230	3-2/3" x 9"	120	Paper,clamped
0533206	93x230	3-2/3" x 9"	180	Paper,clamped
0533210	115x140	4-1/2"x5-1/2"	40	Paper,clamped
0533211	115x140	4-1/2"x5-1/2"	60	Paper,clamped
0533213	115x140	4-1/2"x5-1/2"	100	Paper,clamped
0533214	115x140	4-1/2"x5-1/2"	120	Paper,clamped
0533215	115x140	4-1/2"x5-1/2"	180	Paper,clamped



Item No.	Dimension		Grit	Back
	mm	Inch		
0533251	80x133	3-5/32"x5-1/4"	40	Hook & loop
0533252	80x133	3-5/32"x5-1/4"	60	Hook & loop
0533254	80x133	3-5/32"x5-1/4"	100	Hook & loop
0533255	80x133	3-5/32"x5-1/4"	120	Hook & loop
0533256	80x133	3-5/32"x5-1/4"	180	Hook & loop
0533257	80x133	3-5/32"x5-1/4"	240	Hook & loop
0533301	80x166	3-5/32"x6-1/2"	40	Paper,clamped
0533302	80x166	3-5/32"x6-1/2"	60	Paper,clamped
0533304	80x166	3-5/32"x6-1/2"	100	Paper,clamped
0533305	80x166	3-5/32"x6-1/2"	120	Paper,clamped
0533306	80x166	3-5/32"x6-1/2"	180	Paper,clamped
0533307	80x166	3-5/32"x6-1/2"	240	Paper,clamped
0533310	93x280	3-2/3"x11"	40	Paper,clamped
0533311	93x280	3-2/3"x11"	60	Paper,clamped
0533313	93x280	3-2/3"x11"	100	Paper,clamped
0533314	93x280	3-2/3"x11"	120	Paper,clamped
0533315	93x280	3-2/3"x11"	180	Paper,clamped
0533316	93x280	3-2/3"x11"	240	Paper,clamped



Item No.	Dimension		Grit	Back
	mm	Inch		
0533260	93x185	3-2/3"x7-1/4"	40	Hook & loop
0533261	93x185	3-2/3"x7-1/4"	60	Hook & loop
0533263	93x185	3-2/3"x7-1/4"	100	Hook & loop
0533264	93x185	3-2/3"x7-1/4"	120	Hook & loop
0533265	93x185	3-2/3"x7-1/4"	180	Hook & loop
0533266	93x185	3-2/3"x7-1/4"	240	Hook & loop



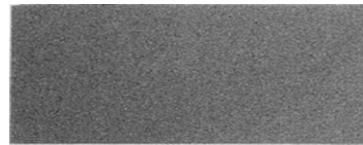
Item No.	Dimension		Grit	Back
	mm	Inch		
0533351	115x230	4-1/2"x9"	40	Hook & loop
0533352	115x230	4-1/2"x9"	60	Hook & loop
0533354	115x230	4-1/2"x9"	100	Hook & loop
0533355	115x230	4-1/2"x9"	120	Hook & loop
0533356	115x230	4-1/2"x9"	180	Hook & loop
0533357	115x230	4-1/2"x9"	240	Hook & loop
0533401	115x280	4-1/2"x11"	40	Paper,clamped
0533402	115x280	4-1/2"x11"	60	Paper,clamped
0533404	115x280	4-1/2"x11"	100	Paper,clamped
0533405	115x280	4-1/2"x11"	120	Paper,clamped
0533406	115x280	4-1/2"x11"	180	Paper,clamped
0533407	115x280	4-1/2"x11"	240	Paper,clamped





For Stone

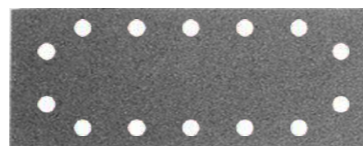
Item No.	Dimension		Grit	Back
	mm	Inch		
0533501	93x230	3-2/3" x 9"	60	Paper,clamped
0533502	93x230	3-2/3" x 9"	80	Paper,clamped
0533504	93x230	3-2/3" x 9"	120	Paper,clamped
0533506	93x230	3-2/3" x 9"	240	Paper,clamped



Item No.	Dimension		Grit	Back
	mm	Inch		
0533571	93x185	3-2/3"x7-1/4"	60	Hook & loop
0533572	93x185	3-2/3"x7-1/4"	80	Hook & loop
0533574	93x185	3-2/3"x7-1/4"	120	Hook & loop
0533576	93x185	3-2/3"x7-1/4"	240	Hook & loop



Item No.	Dimension		Grit	Back
	mm	Inch		
0533651	115x230	4-1/2"x9"	60	Hook & loop
0533652	115x230	4-1/2"x9"	80	Hook & loop
0533654	115x230	4-1/2"x9"	120	Hook & loop
0533656	115x230	4-1/2"x9"	240	Hook & loop



For Metal

Item No.	Dimension		Grit	Back
	mm	Inch		
0533751	93x230	3-2/3" x 9"	24	Paper,clamped
0533753	93x230	3-2/3" x 9"	60	Paper,clamped
0533754	93x230	3-2/3" x 9"	80	Paper,clamped
0533755	93x230	3-2/3" x 9"	100	Paper,clamped
0533757	93x230	3-2/3" x 9"	180	Paper,clamped
0533758	93x230	3-2/3" x 9"	240	Paper,clamped
0533760	115x140	4-1/2"x5-1/2"	24	Paper,clamped
0533762	115x140	4-1/2"x5-1/2"	60	Paper,clamped
0533763	115x140	4-1/2"x5-1/2"	80	Paper,clamped
0533764	115x140	4-1/2"x5-1/2"	100	Paper,clamped
0533766	115x140	4-1/2"x5-1/2"	180	Paper,clamped
0533767	115x140	4-1/2"x5-1/2"	240	Paper,clamped
0533791	93x228	3-2/3" x 9"	60	Cloth,clamped
0533792	93x228	3-2/3" x 9"	100	Cloth,clamped
0533793	93x228	3-2/3" x 9"	240	Cloth,clamped



Item No.	Dimension		Grit	Back
	mm	Inch		
0533829	93x185	3-2/3"x7-1/4"	24	Hook & loop
0533831	93x185	3-2/3"x7-1/4"	60	Hook & loop
0533832	93x185	3-2/3"x7-1/4"	80	Hook & loop
0533833	93x185	3-2/3"x7-1/4"	100	Hook & loop
0533835	93x185	3-2/3"x7-1/4"	180	Hook & loop
0533836	93x185	3-2/3"x7-1/4"	240	Hook & loop



Item No.	Dimension		Grit	Back
	mm	Inch		
0533811	80x133	3-5/32"x5-1/4"	24	Hook & loop
0533813	80x133	3-5/32"x5-1/4"	60	Hook & loop
0533814	80x133	3-5/32"x5-1/4"	80	Hook & loop
0533815	80x133	3-5/32"x5-1/4"	100	Hook & loop
0533817	80x133	3-5/32"x5-1/4"	180	Hook & loop
0533818	80x133	3-5/32"x5-1/4"	240	Hook & loop
0533820	93x185	3-2/3"x7-1/4"	24	Hook & loop
0533822	93x185	3-2/3"x7-1/4"	60	Hook & loop
0533823	93x185	3-2/3"x7-1/4"	80	Hook & loop
0533824	93x185	3-2/3"x7-1/4"	100	Hook & loop
0533826	93x185	3-2/3"x7-1/4"	180	Hook & loop
0533827	93x185	3-2/3"x7-1/4"	240	Hook & loop
0533851	80x166	3-5/32"x6-1/2"	24	Paper,clamped
0533853	80x166	3-5/32"x6-1/2"	60	Paper,clamped
0533854	80x166	3-5/32"x6-1/2"	80	Paper,clamped
0533855	80x166	3-5/32"x6-1/2"	100	Paper,clamped
0533857	80x166	3-5/32"x6-1/2"	180	Paper,clamped
0533858	80x166	3-5/32"x6-1/2"	240	Paper,clamped
0533860	93x280	3-2/3"x11"	24	Paper,clamped
0533862	93x280	3-2/3"x11"	60	Paper,clamped
0533863	93x280	3-2/3"x11"	80	Paper,clamped
0533864	93x280	3-2/3"x11"	100	Paper,clamped
0533866	93x280	3-2/3"x11"	180	Paper,clamped
0533867	93x280	3-2/3"x11"	240	Paper,clamped



Item No.	Dimension		Grit	Back
	mm	Inch		
0533881	115x230	4-1/2"x9"	24	Hook & loop
0533883	115x230	4-1/2"x9"	60	Hook & loop
0533884	115x230	4-1/2"x9"	80	Hook & loop
0533885	115x230	4-1/2"x9"	100	Hook & loop
0533887	115x230	4-1/2"x9"	180	Hook & loop
0533888	115x230	4-1/2"x9"	240	Hook & loop
0533921	115x280	4-1/2"x11"	24	Paper,clamped
0533923	115x280	4-1/2"x11"	60	Paper,clamped
0533924	115x280	4-1/2"x11"	80	Paper,clamped
0533925	115x280	4-1/2"x11"	100	Paper,clamped
0533927	115x280	4-1/2"x11"	180	Paper,clamped
0533928	115x280	4-1/2"x11"	240	Paper,clamped



Sanding Belts For Belt Sanders

For Wood

Item No.	Dimension		Grit	Back
	mm	Inch		
0535001	6x451	1/4"x17-3/4"	40	Cloth
0535003	6x451	1/4"x17-3/4"	80	Cloth
0535005	6x451	1/4"x17-3/4"	120	Cloth
0535007	6x451	1/4"x17-3/4"	240	Cloth
0535121	13x451	1/2"x17-3/4"	40	Cloth
0535123	13x451	1/2"x17-3/4"	80	Cloth
0535125	13x451	1/2"x17-3/4"	120	Cloth
0535127	13x451	1/2"x17-3/4"	240	Cloth



Item No.	Dimension		Grit	Back
	mm	Inch		
0535331	60x400	2-3/8"x15-3/4"	40	Cloth
0535333	60x400	2-3/8"x15-3/4"	80	Cloth
0535335	60x400	2-3/8"x15-3/4"	120	Cloth
0535337	60x400	2-3/8"x15-3/4"	240	Cloth
0535361	63.5x406	2-1/2"x16"	40	Cloth
0535363	63.5x406	2-1/2"x16"	80	Cloth
0535365	63.5x406	2-1/2"x16"	120	Cloth
0535367	63.5x406	2-1/2"x16"	240	Cloth





Item No.	Dimension		Grit	Back
	mm	Inch		
0535391	65x410	2-9/16"x16-1/8"	40	Cloth
0535393	65x410	2-9/16"x16-1/8"	80	Cloth
0535395	65x410	2-9/16"x16-1/8"	120	Cloth
0535397	65x410	2-9/16"x16-1/8"	240	Cloth
0535421	75x457	3"x18"	40	Cloth
0535423	75x457	3"x18"	80	Cloth
0535425	75x457	3"x18"	120	Cloth
0535427	75x457	3"x18"	240	Cloth
0535451	75x480	3"x18-7/8"	40	Cloth
0535453	75x480	3"x18-7/8"	80	Cloth
0535455	75x480	3"x18-7/8"	120	Cloth
0535457	75x480	3"x18-7/8"	240	Cloth



Item No.	Dimension		Grit	Back
	mm	Inch		
0535721	100x620	4"x24-13/32"	40	Cloth
0535723	100x620	4"x24-13/32"	80	Cloth
0535725	100x620	4"x24-13/32"	120	Cloth
0535727	100x620	4"x24-13/32"	240	Cloth
0535781	105x620	4-1/8"x24-13/32"	40	Cloth
0535783	105x620	4-1/8"x24-13/32"	80	Cloth
0535785	105x620	4-1/8"x24-13/32"	120	Cloth
0535787	105x620	4-1/8"x24-13/32"	240	Cloth
0535811	110x620	4-5/16"x24-13/32"	40	Cloth
0535813	110x620	4-5/16"x24-13/32"	80	Cloth
0535815	110x620	4-5/16"x24-13/32"	120	Cloth
0535817	110x620	4-5/16"x24-13/32"	240	Cloth



Item No.	Dimension		Grit	Back
	mm	Inch		
0535481	75x508	3"x20"	40	Cloth
0535483	75x508	3"x20"	80	Cloth
0535485	75x508	3"x20"	120	Cloth
0535487	75x508	3"x20"	240	Cloth
0535511	75x533	3"x21"	40	Cloth
0535513	75x533	3"x21"	80	Cloth
0535515	75x533	3"x21"	120	Cloth
0535517	75x533	3"x21"	240	Cloth
0535519	75x533	3"x21"	400	Cloth
0535571	75x610	3"x24"	40	Cloth
0535573	75x610	3"x24"	80	Cloth
0535575	75x610	3"x24"	120	Cloth
0535577	75x610	3"x24"	240	Cloth



For Paint

Item No.	Dimension		Grit	Back
	mm	Inch		
0534001	75x533	3"x21"	40	Cloth
0534002	75x533	3"x21"	60	Cloth
0534003	75x533	3"x21"	80	Cloth
0534004	75x533	3"x21"	100	Cloth
0534005	75x533	3"x21"	120	Cloth
0534006	75x533	3"x21"	180	Cloth
0534007	75x533	3"x21"	240	Cloth



Item No.	Dimension		Grit	Back
	mm	Inch		
0535601	100x533	4"x21"	40	Cloth
0535603	100x533	4"x21"	80	Cloth
0535605	100x533	4"x21"	120	Cloth
0535607	100x533	4"x21"	240	Cloth
0535631	100x552	4"x21-3/4"	40	Cloth
0535633	100x552	4"x21-3/4"	80	Cloth
0535635	100x552	4"x21-3/4"	120	Cloth
0535637	100x552	4"x21-3/4"	240	Cloth
0535661	100x560	4"x22"	40	Cloth
0535663	100x560	4"x22"	80	Cloth
0535665	100x560	4"x22"	120	Cloth
0535667	100x560	4"x22"	240	Cloth



For Stone

Item No.	Dimension		Grit	Back
	mm	Inch		
0534301	75x533	3"x21"	60	Cloth
0534302	75x533	3"x21"	80	Cloth
0534303	75x533	3"x21"	100	Cloth
0534304	75x533	3"x21"	120	Cloth
0534305	75x533	3"x21"	180	Cloth
0534306	75x533	3"x21"	240	Cloth



Item No.	Dimension		Grit	Back
	mm	Inch		
0535690	100x610	4"x24"	36	Cloth
0535691	100x610	4"x24"	40	Cloth
0535693	100x610	4"x24"	80	Cloth
0535694	100x610	4"x24"	100	Cloth
0535695	100x610	4"x24"	120	Cloth
0535697	100x610	4"x24"	240	Cloth



For Metal

Item No.	Dimension		Grit	Back
	mm	Inch		
0534601	40x303	1-9/16"x12"	24	Cloth
0534602	40x303	1-9/16"x12"	36	Cloth
0534603	40x303	1-9/16"x12"	60	Cloth
0534604	40x303	1-9/16"x12"	80	Cloth
0534605	40x303	1-9/16"x12"	100	Cloth
0534606	40x303	1-9/16"x12"	120	Cloth
0534607	40x303	1-9/16"x12"	180	Cloth
0534608	40x303	1-9/16"x12"	240	Cloth
0534631	75x533	3"x21"	24	Cloth
0534632	75x533	3"x21"	36	Cloth
0534633	75x533	3"x21"	60	Cloth
0534634	75x533	3"x21"	80	Cloth
0534635	75x533	3"x21"	100	Cloth
0534636	75x533	3"x21"	120	Cloth
0534637	75x533	3"x21"	180	Cloth
0534638	75x533	3"x21"	240	Cloth



Sanding Abrasive Paper

Sanding Abrasive Paper



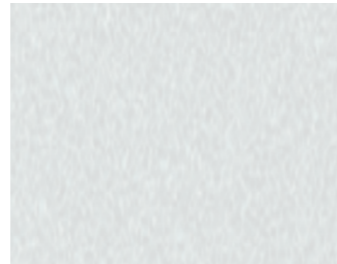
For Wood

Item No.	Dimension		Grit	Back
	mm	Inch		
0536251	230x280	9"x11"	40	Paper,waterproof
0536252	230x280	9"x11"	60	Paper,waterproof
0536254	230x280	9"x11"	100	Paper,waterproof
0536255	230x280	9"x11"	120	Paper,waterproof
0536256	230x280	9"x11"	180	Paper,waterproof
0536257	230x280	9"x11"	240	Paper,waterproof
0536261	230x280	9"x11"	40	Cloth
0536262	230x280	9"x11"	60	Cloth
0536264	230x280	9"x11"	100	Cloth
0536265	230x280	9"x11"	120	Cloth
0536266	230x280	9"x11"	180	Cloth
0536267	230x280	9"x11"	240	Cloth



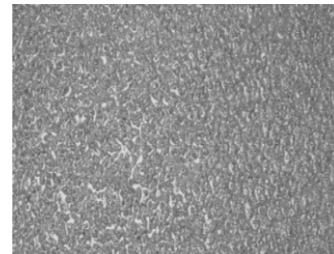
For Paint

Item No.	Dimension		Grit	Back
	mm	Inch		
0536201	230x280	9"x11"	40	Paper,waterproof
0536202	230x280	9"x11"	60	Paper,waterproof
0536203	230x280	9"x11"	80	Paper,waterproof
0536204	230x280	9"x11"	100	Paper,waterproof
0536205	230x280	9"x11"	120	Paper,waterproof
0536219	230x280	9"x11"	150	Paper,waterproof
0536206	230x280	9"x11"	180	Paper,waterproof
0536220	230x280	9"x11"	220	Paper,waterproof
0536207	230x280	9"x11"	240	Paper,waterproof
0536208	230x280	9"x11"	320	Paper,waterproof
0536210	230x280	9"x11"	40	Paper
0536212	230x280	9"x11"	80	Paper
0536213	230x280	9"x11"	100	Paper
0536214	230x280	9"x11"	120	Paper
0536224	230x280	9"x11"	150	Paper
0536215	230x280	9"x11"	180	Paper
0536225	230x280	9"x11"	220	Paper
0536216	230x280	9"x11"	240	Paper



For Stone

Item No.	Dimension		Grit	Back
	mm	Inch		
0536302	230x280	9"x11"	80	Paper
0536304	230x280	9"x11"	120	Paper
0536306	230x280	9"x11"	240	Paper
0536307	230x280	9"x11"	320	Paper
0536309	230x280	9"x11"	600	Paper
0536310	230x280	9"x11"	1200	Paper
0536312	230x280	9"x11"	80	Paper,waterproof
0536314	230x280	9"x11"	120	Paper,waterproof
0536316	230x280	9"x11"	240	Paper,waterproof
0536317	230x280	9"x11"	320	Paper,waterproof
0536319	230x280	9"x11"	600	Paper,waterproof
0536320	230x280	9"x11"	1200	Paper,waterproof



For Metal

Item No.	Dimension		Grit	Back
	mm	Inch		
0536355	230x280	9"x11"	100	Paper
0536369	230x280	9"x11"	150	Paper
0536357	230x280	9"x11"	180	Paper
0536358	230x280	9"x11"	240	Paper
0536364	230x280	9"x11"	100	Cloth
0536372	230x280	9"x11"	150	Cloth
0536366	230x280	9"x11"	180	Cloth
0536367	230x280	9"x11"	240	Cloth



For Paint

Item No.	Dimension		Grit	Back
	mm	Inch		
0536402	115mmx5m	4-1/2"x196-7/8"	60	Cloth
0536403	115mmx5m	4-1/2"x196-7/8"	80	Cloth
0536404	115mmx5m	4-1/2"x196-7/8"	100	Cloth
0536406	115mmx5m	4-1/2"x196-7/8"	180	Cloth
0536411	115mmx5m	4-1/2"x196-7/8"	60	Paper
0536412	115mmx5m	4-1/2"x196-7/8"	80	Paper
0536413	115mmx5m	4-1/2"x196-7/8"	100	Paper
0536414	115mmx5m	4-1/2"x196-7/8"	120	Paper
0536415	115mmx5m	4-1/2"x196-7/8"	180	Paper
0536416	115mmx5m	4-1/2"x196-7/8"	240	Paper
0536417	115mmx5m	4-1/2"x196-7/8"	320	Paper
0536452	115mmx50m	4-1/2"x164'	60	Paper
0536453	115mmx50m	4-1/2"x164'	80	Paper
0536454	115mmx50m	4-1/2"x164'	100	Paper
0536456	115mmx50m	4-1/2"x164'	180	Paper



For Wood

Item No.	Dimension		Grit	Back
	mm	Inch		
0536502	115mmx5m	4-1/2"x196-7/8"	60	Cloth
0536505	115mmx5m	4-1/2"x196-7/8"	120	Cloth
0536506	115mmx5m	4-1/2"x196-7/8"	180	Cloth
0536507	115mmx5m	4-1/2"x196-7/8"	240	Cloth
0536511	115mmx5m	4-1/2"x196-7/8"	60	Paper
0536514	115mmx5m	4-1/2"x196-7/8"	120	Paper
0536515	115mmx5m	4-1/2"x196-7/8"	180	Paper
0536516	115mmx5m	4-1/2"x196-7/8"	240	Paper
0536518	115mmx5m	4-1/2"x196-7/8"	400	Paper
0536541	100mmx50m	4"x164'	40	Paper
0536542	100mmx50m	4"x164'	60	Paper
0536543	100mmx50m	4"x164'	80	Paper
0536544	100mmx50m	4"x164'	100	Paper
0536545	100mmx50m	4"x164'	120	Paper
0536552	115mmx50m	4-1/2"x164'	60	Paper
0536555	115mmx50m	4-1/2"x164'	120	Paper
0536556	115mmx50m	4-1/2"x164'	180	Paper
0536557	115mmx50m	4-1/2"x164'	240	Paper
0536561	125mmx50m	5"x164'	24	Paper
0536562	125mmx50m	5"x164'	36	Paper
0536563	125mmx50m	5"x164'	40	Paper
0536564	125mmx50m	5"x164'	60	Paper
0536565	125mmx50m	5"x164'	80	Paper
0536566	125mmx50m	5"x164'	100	Paper
0536567	125mmx50m	5"x164'	120	Paper
0536571	150mmx50m	6"x164'	24	Paper
0536572	150mmx50m	6"x164'	36	Paper
0536573	150mmx50m	6"x164'	40	Paper
0536574	150mmx50m	6"x164'	60	Paper
0536575	150mmx50m	6"x164'	80	Paper
0536576	150mmx50m	6"x164'	100	Paper
0536577	150mmx50m	6"x164'	120	Paper



Sanding Abrasive Paper

Sanding Abrasive Paper



For Stone

Item No.	Dimension		Grit	Back
	mm	Inch		
0536601	115mmx5m	4-1/2"x196-7/8"	60	Cloth,waterproof
0536602	115mmx5m	4-1/2"x196-7/8"	80	Cloth,waterproof
0536604	115mmx5m	4-1/2"x196-7/8"	120	Cloth,waterproof
0536611	115mmx5m	4-1/2"x196-7/8"	60	Paper,waterproof
0536612	115mmx5m	4-1/2"x196-7/8"	80	Paper,waterproof
0536614	115mmx5m	4-1/2"x196-7/8"	120	Paper,waterproof
0536652	115mmx50m	4-1/2"x164'	80	Paper,waterproof
0536654	115mmx50m	4-1/2"x164'	120	Paper,waterproof
0536657	115mmx50m	4-1/2"x164'	320	Paper,waterproof
0536660	115mmx50m	4-1/2"x164'	1200	Paper,waterproof



For Metal

Item No.	Dimension		Grit	Back
	mm	Inch		
0536701	115mmx5m	4-1/2"x196-7/8"	24	Cloth
0536703	115mmx5m	4-1/2"x196-7/8"	60	Cloth
0536705	115mmx5m	4-1/2"x196-7/8"	100	Cloth
0536708	115mmx5m	4-1/2"x196-7/8"	240	Cloth
0536751	115mmx50m	4-1/2"x164'	24	Paper
0536753	115mmx50m	4-1/2"x164'	60	Paper
0536755	115mmx50m	4-1/2"x164'	100	Paper
0536758	115mmx50m	4-1/2"x164'	240	Paper



Hand Sanding Sponge

For General Purpose

Item No.	Length x Width x Height		Grit
	mm	Inch	
0536014	95x67x25	3-3/4"x2-5/8"x1"	100
0536003	95x67x25	3-3/4"x2-5/8"x1"	320
0536004	95x67x25	3-3/4"x2-5/8"x1"	600
0536006	124x73x25	4-7/8"x2-7/8"x1"	60
0536017	124x73x25	4-7/8"x2-7/8"x1"	120
0536007	124x73x25	4-7/8"x2-7/8"x1"	240
0536018	124x73x25	4-7/8"x2-7/8"x1"	320



Brushes Categories

1. Wheel Brushes For Angle Grinder ----- 96
2. Bevel Brushes For Angle Grinder ----- 97
3. Cup Brushes For Angle Grinder ----- 97
4. Wheel Brushes For Portable Hand Drill----- 99
5. Cup Brushes For Portable Hand Drill----- 100
6. End Brushes For Portable Hand Drill----- 101
7. Wheel Brushes For Bench Grinder ----- 101
8. Hand Brushes ----- 102
9. Battery Brush ----- 102

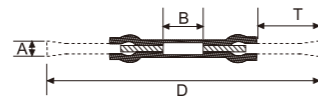




Wheel Brush

1. Twist Knotted Wire Wheel Brush

Steel Wire 0.50mm	D(mm Inch)	Dimension A(mm Inch)	T(mm Inch)	Arbor Hole B(mm Inch)	Max RPM
0527051	75 3"	8 5/16"	15 19/32"	6 1/4"	20000
0527052	85 3-5/16"	10 13/32"	17 21/32"	12.7 1/2"	20000
0527053	100 4"	12 15/32"	20 3/4"	16 5/8"	12500
0527054	115 4-1/2"	12 15/32"	23 29/32"	22.2 7/8"	12500
0527055	125 5"	13 1/2"	28 1-1/8"	22.2 7/8"	10000
0527056	150 6"	13 1/2"	37 1-7/16"	22.2 7/8"	9000
0527057	180 7"	13 1/2"	42 1-5/8"	22.2 7/8"	9000
0527058	200 8"	13 1/2"	42 1-5/8"	22.2 7/8"	8500
0527059	250 10"	15 19/32"	42 1-5/8"	25.4 1"	4500
0527060	300 12"	18 11/16"	55 2-5/32"	25.4 1"	3600

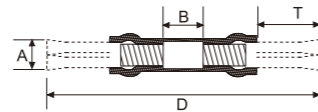


DOUBLE BLISTER



2. Twist Knotted Wire Wheel Brush, Double Row

Steel Wire 0.50mm	D(mm Inch)	Dimension A(mm Inch)	T(mm Inch)	Arbor Hole B(mm Inch)	Max RPM
0527101	100 4"	22 7/8"	22 7/8"	16 5/8"	11000
0527102	115 4-1/2"	26 1-1/32"	30 1-3/16"	16 5/8"	11000
0527103	125 5"	26 1-1/32"	26 1-1/32"	16 5/8"	11000
0527104	150 6"	28 1-1/8"	30 1-3/16"	22.2 7/8"	9000
0527105	175 7"	30 1-3/16"	38 1-1/2"	22.2 7/8"	9000
0527109	180 7"	30 1-3/16"	38 1-1/2"	22.2 7/8"	9000
0527106	200 8"	36 1-7/16"	40 1-9/16"	22.2 7/8"	8500
0527107	250 10"	36 1-7/16"	50 2"	50 2"	4500
0527108	300 12"	38 1-1/2"	65 2-1/2"	50 2"	4500

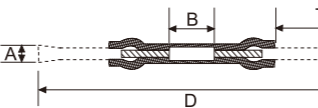


DOUBLE BLISTER



3. Crimped Wire Wheel Brush

Brass Coated Steel Wire 0.30mm	D(mm Inch)	Dimension A(mm Inch)	T(mm Inch)	Arbor Hole B(mm Inch)	Max RPM
0528103	75 3"	10 13/32"	16 5/8"	9.6 3/8"	4500
0528105	100 4"	12 15/32"	22 7/8"	12.7 1/2"	4500
0528106	125 5"	13 1/2"	19 3/4"	16-13 5/8"-1/2"	3750
0528107	150 6"	13 1/2"	35 1-3/8"	16-13 5/8"-1/2"	3750
0528108	200 8"	15 19/32"	42 1-5/8"	16 5/8"	3750

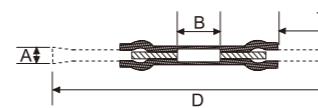


DOUBLE BLISTER



4. Wheel Brush, Abrasive Filament

Abrasive filament		D(mm Inch)	Dimension A(mm Inch)	T(mm Inch)	Arbor Hole B(mm inch)	Max RPM
Aluminium Oxide	Silicon Carbide					
0529051-1	0529051-2	75 3"	16 5/8"	17 21/32"	16 5/8"	8000
0529052-1	0529052-2	100 4"	16 5/8"	17 21/32"	20 25/32"	8000
0529053-1	0529053-2	125 5"	18 11/16"	30 1-3/16"	20 25/32"	6000
0529054-1	0529054-2	150 6"	18-22 11/16"-7/8"	30 1-3/16"	32 1-1/4"	6000
0529055-1	0529055-2	175 7"	20-25 25/32"-1"	32 1-1/4"	32 1-1/4"	6000
0529056-1	0529056-2	200 8"	20-25 25/32"-1"	42 1-5/8"	32 1-1/4"	4500



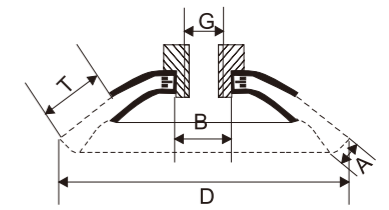
DOUBLE BLISTER



Bevel Brush

1. Twist Knotted Wire Bevel Brush

Steel Wire 0.50mm	D(mm Inch)	Dimension A(mm Inch)	T(mm Inch)	Arbor Hole B(mm Inch)	Thread G	Max RPM
0527505	75 3"	8 5/16"	12 15/32"	13-16 1/2"-5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	12500
0527501	85 3-5/16"	10 13/32"	14 9/16"	13-16 1/2"-5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	12500
0527502	100 4"	13 1/2"	20 25/32"	13-16 1/2"-5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	12500
0527503	115 4-1/2"	15 19/32"	27.5 1-3/32"	13-16 1/2"-5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	12500
0527504	125 5"	15 19/32"	32 1-1/4"	13-16 1/2"-5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	8500

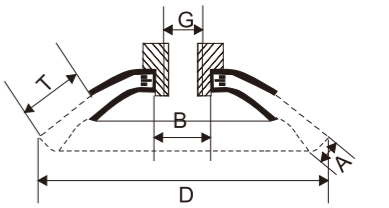


DOUBLE BLISTER



2. Crimped Wire Bevel Brush

Brass Coated Steel Wire 0.30mm	D(mm Inch)	Dimension A(mm Inch)	T(mm Inch)	Arbor Hole B(mm Inch)	Thread G	Max RPM
0527555	75 3"	8 5/16"	12 15/32"	13-16 1/2"-5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	12500
0527552	100 4"	13 1/2"	20 25/32"	13-16 1/2"-5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	12500
0527553	115 4-1/2"	15 19/32"	28 1-1/8"	13-16 1/2"-5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	12500
0527554	125 5"	15 19/32"	30 1-3/16"	13-16 1/2"-5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	8500



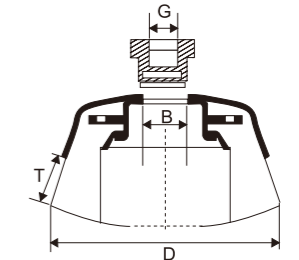
DOUBLE BLISTER



Cup Brush

1. Knotted Wire Cup Brush

Steel Wire 0.50mm	D(mm Inch)	Dimension T(mm Inch)	Arbor Hole B(mm Inch)	Thread G	Max RPM
0527151	65 2-1/2"	20 25/32"	16 5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	12500
0527152	75 3"	25 1"	22.2 7/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	12500
0527154	90 3-1/2"	25 1"	22.2 7/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	8500
0527155	100 4"	25 1"	22.2 7/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	8500
0527158	115 4-1/2"	25 1"	22.2 7/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	8500
0527156	125 5"	30 1-3/16"	22.2 7/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	6500
0527157	150 6"	30 1-3/16"	22.2 7/8"	M10X1.25 M10X1.50 M14X2.00 5/8"x11NC	4500



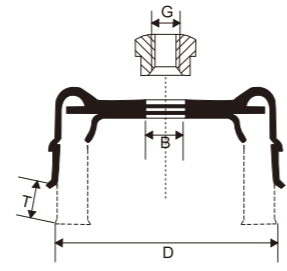
DOUBLE BLISTER





2. Knotted Wire Cup Brush

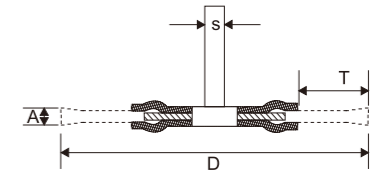
Steel Wire 0.50mm	Dimension		Arbor Hole		Thread G	Max RPM
	D(mm Inch)	T(mm Inch)	B(mm Inch)	B(mm Inch)		
0527202	65 2-1/2"	19 3/4"	16 5/8"	16 5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"X11NC	12500
0527203	75 3"	22 7/8"	16 5/8"	16 5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"X11NC	11000
0527204	80 3-1/8"	24 15/16"	22.2 7/8"	22.2 7/8"	M14X2.00 M16X2.00 5/8"X11NC	8500
0527209	85 3-1/8"	24 15/16"	22.2 7/8"	22.2 7/8"	M14X2.00 M16X2.00 5/8"X11NC	8500
0527205	90 3-1/2"	24 15/16"	22.2 7/8"	22.2 7/8"	M14X2.00 M16X2.00 5/8"X11NC	8500
0527206	100 4"	24 15/16"	22.2 7/8"	22.2 7/8"	M14X2.00 M16X2.00 5/8"X11NC	8500
0527208	125 5"	24 15/16"	22.2 7/8"	22.2 7/8"	M14X2.00 M16X2.00 5/8"X11NC	6500



Wheel Brush

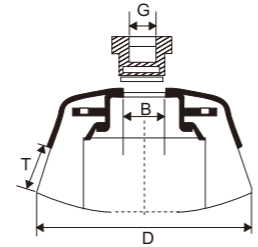
1. Knot Wire Wheel Brush, Shaft-mounted

Steel Wire 0.50mm	D(mm Inch)	Dimension		Shank		Max RPM
		A(mm Inch)	T(mm Inch)	S(mm Inch)	S(mm Inch)	
0528004	75 3"	8 5/16"	15 19/32"	6 1/4"	4500	4500
0528005	100 4"	10 3/8"	19 3/4"	12.7 1/2"	4500	4500
0528006	115 4-1/2"	12 15/32"	22 7/8"	12.7 1/2"	4500	4500



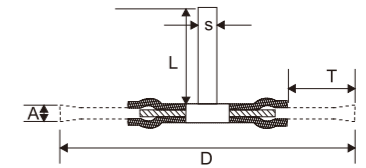
3. Crimped Wire Cup Brush

Brass Coated Steel Wire 0.30mm	Dimension		Arbor Hole		Thread G	Max RPM
	D(mm Inch)	T(mm Inch)	B(mm Inch)	B(mm Inch)		
0527351	65 2-1/2"	18 11/16"	16 5/8"	16 5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"X11NC	12500
0527352	75 3"	20 25/32"	22.2 7/8"	22.2 7/8"	M10X1.25 M10X1.50 M14X2.00 5/8"X11NC	12500
0527357	90 3-1/2"	25 1"	22.2 7/8"	22.2 7/8"	M14X2.00 M16X2.00 5/8"X11NC	8500
0527354	100 4"	25 1"	22.2 7/8"	22.2 7/8"	M14X2.00 M16X2.00 5/8"X11NC	8500
0527358	115 4-1/2"	25 1"	22.2 7/8"	22.2 7/8"	M14X2.0 M16X2.0 5/8"X11NC	8500
0527355	125 5"	30 1-3/16"	22.2 7/8"	22.2 7/8"	M14X2.00 M16X2.00 5/8"X11NC	6500
0527356	150 6"	32 1-1/4"	22.2 7/8"	22.2 7/8"	M14X2.00 M16X2.00 5/8"X11NC	4500



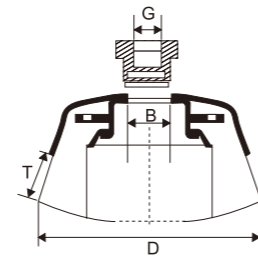
2. Crimped Wire Wheel Brush, With 6mm Shank

Brass Coated Steel Wire 0.30mm	D(mm Inch)	Dimension		Shank X Length(SXL)		Max RPM
		A(mm Inch)	T(mm Inch)	mm	Inch	
0528051	38 1-1/2"	5 3/16"	10 13/32"	6x30mm	1/4"x1-3/16"	4500
0528052	50 2"	7 9/32"	10 13/32"	6x30mm	1/4"x1-3/16"	4500
0528053	65 2-1/2"	9 3/8"	13 1/2"	6x30mm	1/4"x1-3/16"	4500
0528054	75 3"	10 13/32"	16 5/8"	6x30mm	1/4"x1-3/16"	4500
0528055	100 4"	12 15/32"	22 7/8"	6x30mm	1/4"x1-3/16"	4500



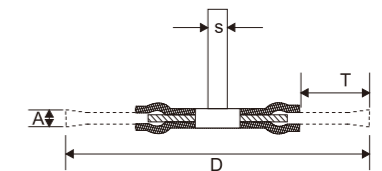
4. Cup Brush, Abrasive Filament

Abrasive Filament		Dimension		Arbor Hole		Thread G	Max RPM
Aluminium Oxide	Silicon Carbide	D(mm Inch)	T(mm Inch)	B(mm Inch)	B(mm Inch)		
0527452-1	0527452-2	75 3"	27 1-1/16"	16 5/8"	16 5/8"	M10X1.25 M10X1.50 M14X2.00 5/8"X11NC	12500
0527454-1	0527454-2	100 4"	29 1-5/32"	22.2 7/8"	22.2 7/8"	M10X1.25 M10X1.50 M14X2.00 5/8"X11NC	8500
0527457-1	0527457-2	115 4-1/2"	25 1"	22.2 7/8"	22.2 7/8"	M10X1.25 M10X1.50 M14X2.00 5/8"X11NC	8500



3. Wheel Brush, Abrasive Filament, With 6mm Shank

Abrasive Filament		D(mm Inch)	Dimension		Shank		Max RPM
Aluminium Oxide	Silicon Carbide		A(mm Inch)	T(mm Inch)	S(mm Inch)	S(mm Inch)	
0528151-1	0528151-2	38 1-1/2"	5 3/16"	10 13/32"	6 1/4"	4500	4500
0528152-1	0528152-2	50 2"	5 3/16"	10 13/32"	6 1/4"	4500	4500
0528153-1	0528153-2	65 2-1/2"	6 1/4"	13 1/2"	6 1/4"	4500	4500
0528154-1	0528154-2	75 3"	8 5/16"	16 5/8"	6 1/4"	4500	4500
0528155-1	0528155-2	100 4"	8 5/16"	22 7/8"	6 1/4"	4500	4500
0528156-1	0528156-2	115 4-1/2"	8 5/16"	28 1-1/8"	6 1/4"	4500	4500

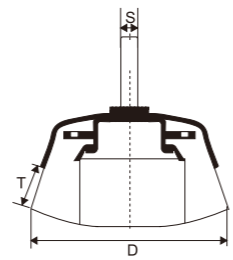




Cup Brush

1. Knotted Wire Cup Brush, Shaft-mounted

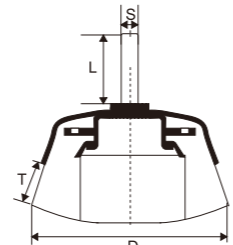
Steel Wire 0.50mm	D(mm Inch)	Dimension T(mm Inch)	Shank S(mm Inch)	Max RPM
0528203	50 2"	13 1/2"	6 1/4"	4500
0528201	65 2-1/2"	15 19/32"	6 1/4"	4500
0528202	75 3"	16 5/8"	6 1/4"	4500
0528204	100 4"	19 3/4"	6 1/4"	4500



DOUBLE BLISTER

2. Crimped Wire Cup Wheel, Shaft-mounted

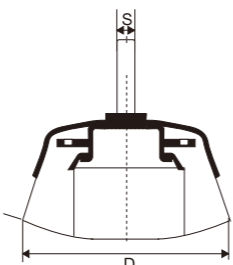
Brass Coated Steel Wire 0.30mm	D(mm Inch)	Dimension T(mm Inch)	Shank X Length(SXL) mm Inch	Max RPM
0528251	50 2"	16 5/8"	6x30mm 1/4"x1-3/16"	4500
0528252	65 2-1/2"	18 11/16"	6x30mm 1/4"x1-3/16"	4500
0528253	75 3"	20 25/32"	6x30mm 1/4"x1-3/16"	4500
0528255	100 4"	25 1"	6x30mm 1/4"x1-3/16"	4500



DOUBLE BLISTER

3. Cup Brush, Abrasive Filament, With 6mm Shank

Abrasive Filament Aluminium Oxide Silicon Carbide	D(mm Inch)	Shank S(mm Inch)	Max RPM
0528301-1 0528301-2	50 2"	6 1/4"	4500
0528303-1 0528303-2	65 2-1/2"	6 1/4"	4500
0528302-1 0528302-2	75 3"	6 1/4"	4500
0528304-1 0528304-2	100 4"	6 1/4"	4500

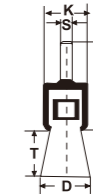


DOUBLE BLISTER

End Brush

1. Crimped Wire End Brush

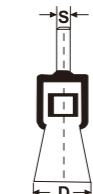
Brass Coated Steel Wire 0.30mm	D(mm Inch)	Dimension K(mm Inch) L(mm Inch) T(mm Inch)	Shank S(mm Inch)	Max RPM
0528351	12 15/32"	10 3/8" 45 1-3/4" 20 25/32"	6 1/4"	4500
0528352	17 21/32"	15 19/32" 45 1-3/4" 25 1"	6 1/4"	4500
0528355	19 3/4"	15 19/32" 45 1-3/4" 25 1"	6 1/4"	4500
0528353	25 1"	24 15/16" 50 2" 30 1-3/16"	6 1/4"	4500
0528354	30 1-3/16"	29 1-5/32" 55 2-5/32" 35 1-3/8"	6 1/4"	4500



DOUBLE BLISTER

2. End Brush, Abrasive Filament

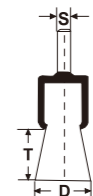
Abrasive Filament Aluminium Oxide Silicon Carbide	D(mm Inch)	Shank S(mm Inch)	Max RPM
0528404-1 0528404-2	12 15/32"	6 1/4"	18000
0528405-1 0528405-2	19 3/4"	6 1/4"	18000
0528401-1 0528401-2	22 7/8"	6 1/4"	18000
0528402-1 0528402-2	25 1"	6 1/4"	18000
0528403-1 0528403-2	30 1-3/16"	6 1/4"	18000



DOUBLE BLISTER

3. Knotted Wire End Brush

Steel Wire 0.50mm	D(mm Inch)	Dimension T(mm Inch)	Shank S(mm Inch)	Max RPM
0528502	19 3/4"	22 7/8"	6 1/4"	4500
0528503	25 1"	25 1"	6 1/4"	4500
0528504	30 1-3/16"	28 1-1/8"	6 1/4"	4500

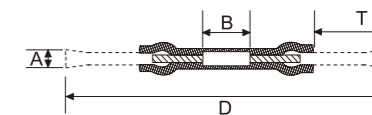


DOUBLE BLISTER

Wheel Brush

1. Crimped Wire Wheel Brush, Single Row

Brass Coated Steel Wire 0.30mm	D(mm Inch)	Dimension A(mm Inch) T(mm Inch)	Arbor Hole B(mm inch)	Max RPM
0529001	100 4"	16 5/8" 17 21/32"	20 25/32"	8000
0529002	125 5"	18 11/16" 27 1-1/16"	20 25/32"	6000
0529003	150 6"	18 11/16" 28 1-1/8"	32 1-1/4"	6000
0529009	180 7"	20 25/32" 37 1-15/32"	32 1-1/4"	6000
0529005	200 8"	20 25/32" 34 1-3/8"	32 1-1/4"	4500
0529006	250 10"	20 25/32" 47 1-7/8"	32 1-1/4"	3000
0529007	300 12"	30 1-3/16" 60 2-3/8"	32 1-1/4"	3000



DOUBLE BLISTER

Brushes

Brushes



Hand Scratch Brush, With Plastic Handle

1. Crimped Wire, Universal Design

Brass coated steel wire 0.30mm	Dimension		
	L(mm Inch)	A(mm Inch)	T(mm Inch)
0524001	265 10-1/2"	140 5-1/2"	25 1"



SLIDING CARD

2. Straight Wire

Steel Wire 0.33mm	L(mm Inch)	Dimension A(mm Inch)	T(mm Inch)	Rows
0524051	280 11"	125 5"	23 29/32"	2x15
0524052	280 11"	125 5"	23 29/32"	3x15
0524053	280 11"	125 5"	23 29/32"	4x15
0524054	280 11"	125 5"	23 29/32"	5x15
0524055	280 11"	125 5"	23 29/32"	6x15



SLIDING CARD

Hand Scratch Brush, With Wood Handle

Straight Wire, Standard Design

Steel Wire 0.33mm	Dimension	
	L(mm Inch)	Rows
0524101	280 11"	2x16
0524102	280 11"	3x16
0524103	280 11"	4x16
0524104	280 11"	5x16
0524105	280 11"	6x16



SLIDING CARD

Battery Brush

Item No.	L(mm Inch)	Dimension		
		A(mm Inch)	D1(mm Inch)	D2(mm Inch)
0524251	80 3-1/8"	30 1-3/16"	25 1"	15 19/32"
0524252	86 3-3/8"	35 1-3/8"	25 1"	15 19/32"



SLIDING CARD

Rotary Tool & Mini Accessories Categories

Mini Accessories(Carving & Engraving) ----- 104
 Mini Accessories(Cleaning & Polishing) ----- 107
 Mini Accessories(Cutting, Routing & Chucks) ----- 109
 Mini Accessories(Grinding & Sharpening) ----- 111
 Mini Accessories(Sanding) ----- 113



Brushes

High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401001	1/4"	6.4	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401002	5/16"	7.9	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401015	5/64"	2.0	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401016	1/8"	3.2	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401003	5/16"	7.9	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401004	1/4"	6.4	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401017	7/32"	5.6	1/8"	3.2



Engraving Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401050	1/32"	0.8	3/32"	2.4



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401005	1/4"	6.4	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401006	1/8"	3.2	1/8"	3.2



Engraving Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401051	1/16"	1.6	3/32"	2.4



Engraving Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401052	3/32"	2.4	3/32"	2.4



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401007	1/4"	6.4	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401008	5/16"	7.9	1/8"	3.2



Engraving Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401053	1/32"	0.8	3/32"	2.4



Engraving Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401054	1/16"	1.6	3/32"	2.4



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401009	1/4"	6.4	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401010	1/4"	6.4	1/8"	3.2



Engraving Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401055	5/64"	2.0	3/32"	2.4



Engraving Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401056	1/32"	0.8	3/32"	2.4



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401011	5/16"	7.9	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401012	3/32"	2.4	1/8"	3.2



Engraving Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401057	3/64"	1.2	3/32"	2.4



Engraving Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401058	1/16"	1.6	3/32"	2.4



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401013	1/8"	3.2	1/8"	3.2



High Speed Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401014	3/16"	4.8	1/8"	3.2



Diamond Point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401100	3/32"	2.0	5/64"	2.4



Diamond Point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401101	11/64"	4.4	3/32"	2.4



Rotary tool Mini Accessories

Rotary tool Mini Accessories

Diamond Point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401102	3/8"	9.5	3/32"	2.4



Diamond Point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401103	16/64"	6.7	3/32"	2.4



Diamond Point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401104	3/32"	2.4	3/32"	2.4



Diamond Point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401105	3/16"	4.8	3/32"	2.4



Diamond Point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401106	1/28"	0.9	3/32"	2.4



Diamond Point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401107	3/64"	1.2	3/32"	2.4



Tungsten Carbide Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401150	1/8"	3.2	1/8"	3.2



Tungsten Carbide Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401151	3/32"	2.4	1/8"	3.2



Tungsten Carbide Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401152	1/8"	3.2	1/8"	3.2



Tungsten Carbide Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401153	3/32"	2.4	1/8"	3.2



Tungsten Carbide Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401154	1/8"	3.2	1/8"	3.2



Tungsten Carbide Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401155	1/8"	3.2	1/8"	3.2



Tungsten Carbide Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401156	1/8"	3.2	1/8"	3.2



Tungsten Carbide Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401157	1/8"	3.2	1/8"	3.2



Tungsten Carbide Cutter

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401158	1/8"	3.2	1/8"	3.2



Rubber polishing cylinder point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401200	1/4"	6.4	3/32"	2.4



Rubber polishing cone point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401201	1/4"	6.4	3/32"	2.4



Rubber polishing tapered point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401202	1/4"	6.4	3/32"	2.4



Felt polishing wheel

Item No.	Diameter		Thickness	
	Inch	Metric	Inch	Metric
0401250	1/2"	12.7	1/4"	6



Felt polishing point

Item No.	Diameter		Height	
	Inch	Metric	Inch	Metric
0401251	3/8"	9.5	25/32"	20



Felt polishing wheel

Item No.	Diameter		Thickness	
	Inch	Metric	Inch	Metric
0401252	1"	25.4	5/32"	4



Emery polishing wheel

Item No.	Diameter		Thickness	
	Inch	Metric	Inch	Metric
0401253	1"	22	3/32"	2.5



Impregnated polishing wheel

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401254	1/2"	12.7	1/8"	3.2



Mandrel

Item No.	Shank	
	Inch	Metric
0401255	1/8"	3.2



Mandrel

Item No.	Shank	
	Inch	Metric
0401256	1/8"	3.2



High-performance abrasive brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401275	1"	25.4	1/8"	3.2



Nylon Bristle brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401276	3/4"	19.1	1/8"	3.2



Rotary tool Mini Accessories

Rotary tool Mini Accessories

Nylon Bristle brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401277	1/2"	12.7	1/8"	3.2



Nylon Bristle brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401278	1/8"	3.2	1/8"	3.2



Carbon steel brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401279	3/4"	19.1	1/8"	3.2



Carbon steel brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401280	1/2"	12.7	1/8"	3.2



Carbon steel brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401281	1/8"	3.2	1/8"	3.2



Stainless steel brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401282	3/4"	19.1	1/8"	3.2



Stainless steel brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401283	1/2"	12.7	1/8"	3.2



Stainless steel brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401284	1/8"	3.2	1/8"	3.2



Brass brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401285	3/4"	19.1	1/8"	3.2



Brass brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401286	1/2"	12.7	1/8"	3.2



Brass brush

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401287	1/8"	3.2	1/8"	3.2



Polishing compound

Item No.	Usage
0401300	Metals and plastics



Reinforced cut-off wheel

Item No.	Diameter		Thickness	
	Inch	Metric	Inch	Metric
0401310	1-1/4"	31.8	0.45"	1.1



Extra large cut-off wheel

Item No.	Diameter		Thickness	
	Inch	Metric	Inch	Metric
0401311	1-1/2"	38.1	0.45"	1.2



Cut-off wheel

Item No.	Diameter		Thickness	
	Inch	Metric	Inch	Metric
0401312	15/16"	24	0.25"	0.6



Cut-off wheel

Item No.	Diameter		Thickness	
	Inch	Metric	Inch	Metric
0401313	15/16"	24	0.25"	0.6



Cut-off wheel

Item No.	Diameter		Thickness	
	Inch	Metric	Inch	Metric
0401314	1-1/4"	31.8	0.625"	1.6



Rip & crosscut blade

Item No.	Diameter		Inner Hole	
	Inch	Metric	Inch	Metric
0401360	1-1/4"	31.8	23/64"	9.2



Multipurpose bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401335	1/8"	3.2	1/8"	3.2



Wall tile cutting bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401336	1/8"	3.2	1/8"	3.2



Grout removal bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401337	1/16"	1.6	1/8"	3.2



Grout removal bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401338	1/8"	3.2	1/8"	3.2



Drill bit

Item No.	Diameter	
	Inch	Metric
0401386	1/32"	0.8



Drill bit

Item No.	Diameter	
	Inch	Metric
0401387	3/64"	1.2



Drill bit

Item No.	Diameter	
	Inch	Metric
0401385	1/8"	3.2



Piloted beading router bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401575	3/8"	9.5	1/8"	3.2



Corner Rounding Router bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401576	3/8"	9.5	1/8"	3.2



Core box router bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401577	1/4"	6.4	1/8"	3.2



Chamfer router bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401578	1/2"	12.7	1/8"	3.2



V-groove Router bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401579	1/4"	6.4	1/8"	3.2



Straight router bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401580	1/8"	3.2	1/8"	3.2



Straight router bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401581	3/16"	4.8	1/8"	3.2



Straight router bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401582	1/4"	6.4	1/8"	3.2



Keyhole Router bit

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401583	5/16"	7.9	1/8"	3.2



5 Quick change collet kit

Item No.	Des.	Inside Diameter	
		Inch	Metric
0401400	Collet	1/32"	0.8
	Collet	1/16"	1.6
	Collet	3/32"	2.4
	Collet	1/8"	3.2
	Holder		



Collet

Item No.	Inside Diameter	
	Inch	Metric
0401403	1/32"	0.8



Collet

Item No.	Inside Diameter	
	Inch	Metric
0401402	1/16"	1.6



Collet

Item No.	Inside Diameter	
	Inch	Metric
0401401	1/8"	3.2



Multi chuck

Item No.	Capacity	
	Inch	Metric
0401404	1/32" - 1/8"	0.8-3.2



Collect wrench

Item No.
0401405



Grinding stone

silicon carbide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401425	9/32"	7.1	1/8"	3.2



Grinding stone

silicon carbide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401426	1/8"	3.2	1/8"	3.2



Grinding stone

silicon carbide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401427	1/8"	3.2	1/8"	3.2



Grinding stone

silicon carbide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401428	3/16"	4.8	1/8"	3.2



Grinding stone

silicon carbide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401429	25/32"	19.8	1/8"	3.2



Grinding stone

silicon carbide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401430	13/32"	10.3	1/8"	3.2



Grinding stone

silicon carbide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401431	1/2"	12.7	1/8"	3.2



Grinding stone

Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401450	7/16"	11.1	1/8"	3.2



Grinding stone

Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401451	3/8"	9.5	1/8"	3.2



Grinding stone

Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401452	5/8"	15.9	1/8"	3.2



Grinding stone

Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401453	3/16"	4.8	1/8"	3.2



Grinding stone

Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401454	3/8"	9.5	1/8"	3.2



Grinding stone

Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401455	1/4"	6.4	1/8"	3.2



Grinding stone

Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401456	5/8"	15.9	1/8"	3.2



Grinding stones Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401457	1/8"	3.2	1/8"	3.2



Grinding stones Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401458	1/4"	6.4	1/8"	3.2



Grinding stones Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401459	7/16"	11.1	1/8"	3.2



Grinding stones Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401460	3/8"	9.5	1/8"	3.2



Grinding stones Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401461	1"	25.4	1/8"	3.2



Grinding stones Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401462	3/16"	4.8	1/8"	3.2



Grinding Wheel Aluminium oxide

Item No.	Diameter	
	Inch	Metric
0401475	7/8"	22.2



Chain saw sharpening stone

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401500	5/32"	4.0	1/8"	3.2



Chain saw sharpening stone

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401501	3/16"	4.8	1/8"	3.2



Chain saw sharpening stone

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401502	7/32"	5.6	1/8"	3.2



Abrasive Wheel Aluminium oxide

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401525	1"	25.4	1/8"	3.2



Abrasive point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401550	1/2"	12.7	1/8"	3.2



Abrasive point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401551	1/2"	12.7	1/8"	3.2



Abrasive point

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401552	1/2"	12.7	1/8"	3.2



Dressing stone

Item No.	Length		Width	
	Inch	Metric	Inch	Metric
0401553	1"	25.4	3/8"	9.5



Sanding drum

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401600	1/4"	6.4	1/8"	3.2



Sanding drum

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401603	1/2"	12.7	1/8"	3.2



Sanding band

Item No.	Diameter		Grit
	Inch	Metric	
0401601	1/4"	6.4	60



Sanding band

Item No.	Diameter		Grit
	Inch	Metric	
0401602	1/4"	6.4	120



Sanding band

Item No.	Diameter		Grit
	Inch	Metric	
0401604	1/2"	12.7	60



Sanding band

Item No.	Diameter		Grit
	Inch	Metric	
0401605	1/2"	12.7	120



Carbide sanding band

Item No.	Diameter		Shank	
	Inch	Metric	Inch	Metric
0401606	1/2"	12.7	1/8"	3.2



Sanding band

Item No.	Diameter		Grit
	Inch	Metric	
0401607	1/2"	12.7	240



Sanding band

Item No.	Diameter		Grit
	Inch	Metric	
0401608	1/4"	6.4	240



Sanding disc

Item No.	Diameter		Grit
	Inch	Metric	
0401625	3/4"	19.1	180



Sanding disc

Item No.	Diameter		Grit
	Inch	Metric	
0401626	3/4"	19.1	220



Sanding disc

Item No.	Diameter		Grit
	Inch	Metric	
0401627	3/4"	19.1	240



Flapwheel

Item No.	Diameter		Shank		Height	Grit
	Inch	Metric	Inch	Metric		
0401650	1-1/8"	28.6	1/8"	3.2	9.5H	120



Flapwheel

Item No.	Diameter		Shank		Height	Grit
	Inch	Metric	Inch	Metric		
0401651	1-1/8"	28.6	1/8"	3.2	4.8H	80



Flapwheel

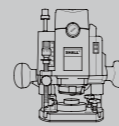
Item No.	Diameter		Shank		Height	Grit
	Inch	Metric	Inch	Metric		
0401652	1-1/8"	28.6	1/8"	3.2	9.5H	80



Flapwheel

Item No.	Diameter		Shank		Height	Grit
	Inch	Metric	Inch	Metric		
0401653	1-1/8"	28.6	1/8"	3.2	4.8H	120





Router Bits Categories

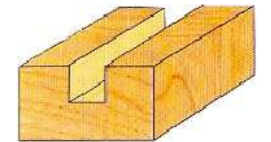
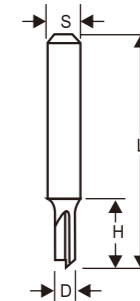
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- Carbide Tipped Router Bit With Bearing Pilot ----- 117



Carbide Tipped Router Bit

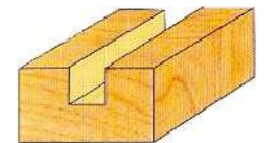
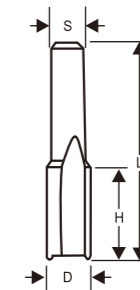
1. Straight Bits, Single Flute, Plunge Cutting

Item No.	D Cutting Diameter	H Cutting Length	L Overall Length	S Shank Diameter
0610102	3mm	8mm	50mm	6.35mm
0610103	4mm	10mm	50mm	6.35mm
0610105	6mm	18mm	54mm	6.35mm
0610106	8mm	18mm	54mm	6.35mm
0610107	10mm	25mm	60mm	6.35mm
0610109	12mm	25mm	57mm	6.35mm
0610108	13mm	25mm	60mm	6.35mm
0610112	16mm	16mm	50mm	6.35mm
0610113	19mm	19mm	51mm	6.35mm
0610116	20mm	19mm	54mm	6.35mm
0610119	25mm	25mm	57mm	6.35mm
0610102	1/8"	5/16"	1-31/32"	1/4"
0610103	5/32"	25/64"	1-31/32"	1/4"
0610105	1/4"	23/32"	2-1/8"	1/4"
0610106	5/16"	23/32"	2-1/8"	1/4"
0610107	3/8"	1"	2-3/8"	1/4"
0610108	1/2"	1"	2-3/8"	1/4"
0610112	5/8"	5/8"	1-31/32"	1/4"
0610116	25/32"	3/4"	2-1/8"	1/4"
0610119	1"	1"	2-1/4"	1/4"



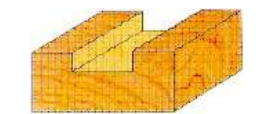
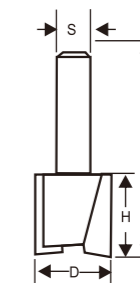
2. Straight Bits, Two Flutes, Plunge Cutting

Item No.	D Cutting Diameter	H Cutting Length	L Overall Length	S Shank Diameter
0610201	6mm	18mm	54mm	6.35mm
0610206	8mm	18mm	54mm	6.35mm
0610207	10mm	25mm	57mm	6.35mm
0610213	13mm	25mm	57mm	6.35mm
0610219	16mm	16mm	50mm	6.35mm
0610224	19mm	19mm	51mm	6.35mm
0610238	20mm	20mm	51mm	6.35mm
0610229	25mm	25mm	58mm	6.35mm
0610201	1/4"	23/32"	2-1/8"	1/4"
0610237	5/16"	1"	2-1/4"	1/4"
0610207	3/8"	1"	2-1/4"	1/4"
0610213	1/2"	1"	2-1/4"	1/4"
0610219	5/8"	5/8"	1-31/32"	1/4"
0610224	3/4"	3/4"	2"	1/4"
0610229	1"	1"	2-9/32"	1/4"

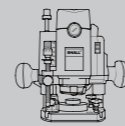
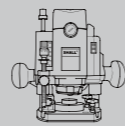


3. Hinge Mortising Bits

Item No.	D Cutting Diameter	H Cutting Length	L Overall Length	S Shank Diameter
0614801	12.7mm	13mm	44mm	6.35mm
0614802	15.8mm	19mm	51mm	6.35mm
0614803	19mm	19mm	51mm	6.35mm
0614804	1/2"	1/2"	2"	1/4"
0614802	5/8"	3/4"	2"	1/4"
0614803	3/4"	3/4"	2"	1/4"

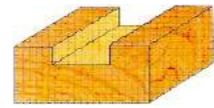
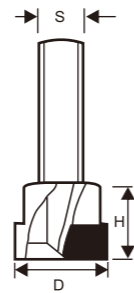


Router Bits



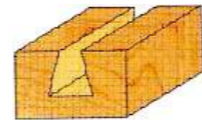
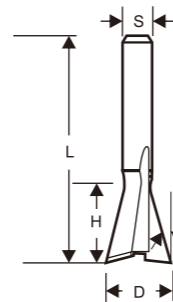
4. Cleaning Bottom Bit

Item No.	D Cutting Diameter	H Cutting Length	S Shank Diameter
0610500	8mm	13mm	6.35mm
0610501	10mm	13mm	6.35mm
0610502	13mm	13mm	6.35mm
0610503	16mm	13mm	6.35mm
0610504	19mm	20mm	6.35mm
0610505	22mm	17mm	6.35mm
0610506	25mm	17mm	6.35mm
0610500	5/16"	1/2"	1/4"
0610501	3/8"	1/2"	1/4"
0610502	1/2"	1/2"	1/4"
0610503	5/8"	1/2"	1/4"
0610504	3/4"	25/32"	1/4"
0610505	7/8"	11/16"	1/4"
0610506	1"	11/16"	1/4"



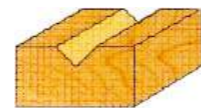
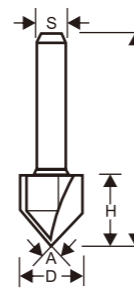
5. Dovetail Bits

Item No.	A Cutting Angle	D Cutting Diameter	H Cutting Length	L Overall Length	S Shank Diameter
0615203	9°	9.5mm	10mm	40mm	6.35mm
0615206	14°	12.7mm	12mm	45mm	6.35mm
0615208	14°	14.3mm	13mm	48mm	6.35mm
0615209	7°	15.8mm	22mm	54mm	6.35mm
0615213	9°	3/8"	3/8"	1-3/4"	1/4"
0615214	14°	1/2"	3/4"	1-3/4"	1/4"
0615208	14°	9/16"	1/2"	1-7/8"	1/4"



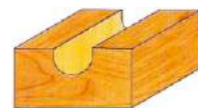
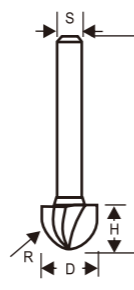
6. V-Grooving Bits

Item No.	A Cutting Angle	D Cutting Diameter	H Cutting Length	L Overall Length	S Shank Diameter
0614501	45°	10mm	10mm	43mm	6.35mm
0614502	45°	13mm	12mm	44mm	6.35mm
0614506	90°	15mm	15mm	47mm	6.35mm
0614503	45°	16mm	15mm	47mm	6.35mm
0614504	45°	19mm	17mm	50mm	6.35mm
0614505	45°	25mm	20mm	54mm	6.35mm
0614501	45°	3/8"	25/64"	1-11/16"	1/4"
0614502	45°	1/2"	15/32"	1-3/4"	1/4"
0614503	45°	5/8"	19/32"	1-27/32"	1/4"
0614504	45°	3/4"	11/16"	1-31/32"	1/4"
0614505	45°	1"	13/16"	2-1/8"	1/4"



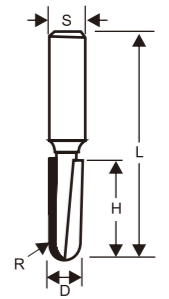
7. Cove Box Bits

Item No.	R Cutting Radius	D Cutting Diameter	H Cutting Length	L Overall Length	S Shank Diameter
0613201	3mm	6.35mm	5mm	40mm	6.35mm
0613202	5mm	10mm	6mm	49mm	6.35mm
0613203	6mm	13mm	6mm	50mm	6.35mm
0613204	8mm	16mm	6mm	52mm	6.35mm
0613205	10mm	19mm	6mm	54mm	6.35mm
0613206	13mm	25mm	6mm	54mm	6.35mm
0613202	3/16"	3/8"	5/16"	1-15/16"	1/4"
0613203	1/4"	1/2"	3/8"	2"	1/4"
0613204	5/16"	5/8"	7/16"	2-1/16"	1/4"
0613205	3/8"	3/4"	1/2"	2-1/8"	1/4"
0613206	1/2"	1"	5/8"	2-1/8"	1/4"



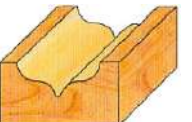
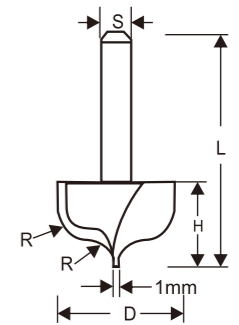
8. Cove Box Bits, Two Flutes

Item No.	D Cutting Diameter	H Cutting Length	L Overall Length	S Shank Diameter
0613304	11mm	19mm	51mm	6.35mm
0613301	13mm	32mm	66mm	6.35mm
0613302	19mm	32mm	66mm	6.35mm
0613303	25mm	32mm	66mm	6.35mm
0613301	1/2"	1-1/4"	2-19/32"	1/4"
0613302	3/4"	1-1/4"	2-19/32"	1/4"
0613303	1"	1-1/4"	2-19/32"	1/4"



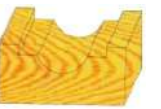
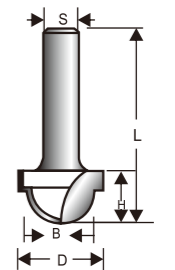
9. Ogee Bits With Fine Point

Item No.	D Cutting Diameter	H Cutting Length	R Cutting Radius	L Overall Length	S Shank Diameter
0614150	19mm	12mm	4mm	45mm	6.35mm
0614151	20.2mm	15.9mm	4.8mm	48mm	6.35mm
0614153	25mm	17mm	6mm	50mm	8mm
0614152	26.2mm	15.9mm	6.3mm	48mm	6.35mm
0614151	51/64"	5/8"	3/16"	1-7/8"	1/4"
0614152	1-1/32"	5/8"	1/4"	1-7/8"	1/4"



10. Step Bit With Bearing Pilot

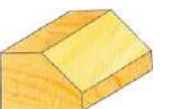
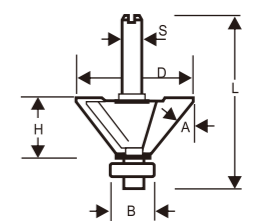
Item No.	D Cutting Diameter	H Cutting Length	R Cutting Radius	L Overall Length	S Shank Diameter	B Bearing Diameter
0610330	12mm	9mm	4mm	41mm	8mm	9.5mm
0610331	14mm	10mm	5mm	42mm	8mm	9.5mm
0610332	16mm	11mm	6mm	43mm	8mm	9.5mm

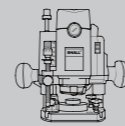
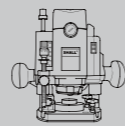


Carbide Tipped Router Bit With Bearing Pilot

1. Chamfer Bits With Bearing Pilot

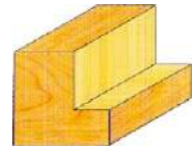
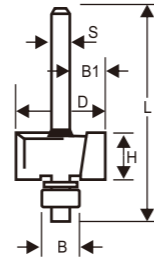
Item No.	A Cutting Angle	D Cutting Diameter	H Cutting Length	L Overall Length	S Shank Diameter	B Bearing Diameter
0611212	25°	20.5mm	12mm	51mm	6.35mm	9.5mm
0611213	45°	32mm	15mm	56mm	6.35mm	9.5mm
0611201	45°	25mm	10mm	50mm	6.35mm	12.7mm
0611202	45°	27mm	10mm	50mm	6.35mm	12.7mm
0611203	45°	30mm	13mm	53mm	6.35mm	12.7mm
0611204	45°	32mm	10mm	50mm	6.35mm	12.7mm
0611216	45°	29mm	10mm	50mm	8mm	12.7mm
0611217	45°	37mm	16mm	58mm	8mm	12.7mm
0611218	45°	33mm	10mm	50mm	8mm	12.7mm
0611219	45°	38mm	12mm	53mm	8mm	12.7mm
0611220	45°	40mm	14mm	55mm	8mm	12.7mm
0611221	45°	48mm	18mm	60mm	8mm	12.7mm
0611214	15°	9/16"	1/2"	2-1/8"	1/4"	3/8"
0611212	25°	13/16"	15/32"	2"	1/4"	3/8"
0611215	45°	1"	7/16"	2"	1/4"	3/8"
0611213	45°	1-1/4"	19/32"	2-3/16"	1/4"	3/8"





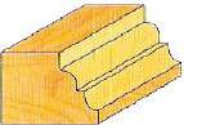
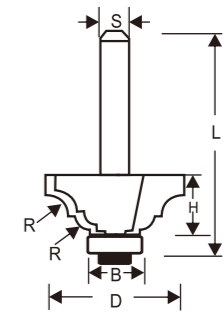
2. Rabbeting Bits With Bearing Pilot

Item No.	D Cutting Diameter	H Cutting Length	B1 Cutting Width	L Overall Length	S Shank Diameter	B Bearing Diameter
0611001	32mm	12.7mm	9.4mm	50.7mm	6.35mm	9.5mm
0611002	32mm	12.7mm	9.4mm	50.7mm	12.7mm	9.5mm
0611003	35mm	4mm	11mm	47mm	8mm	9.5mm
0611004	35mm	6mm	11mm	49mm	8mm	9.5mm
0611005	35mm	8mm	11mm	51mm	8mm	9.5mm
0611006	35mm	9mm	11mm	52mm	8mm	9.5mm
0611007	35mm	10mm	11mm	53mm	8mm	9.5mm
0611008	35mm	12mm	11mm	55mm	8mm	9.5mm
0611009	35mm	15mm	11mm	58mm	8mm	9.5mm
0611010	35mm	20mm	11mm	63mm	8mm	9.5mm
0611011	35mm	25mm	11mm	68mm	8mm	9.5mm
0611001	1-1/4"	1/2"	3/8"	2"	1/4"	3/8"
0611002	1-1/4"	1/2"	3/8"	2"	1/2"	3/8"



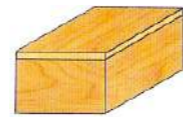
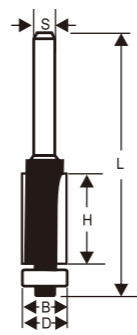
5. Classical Bits With Bearing Pilot

Item No.	D Cutting Diameter	H Cutting Length	R Cutting Radius	L Overall Length	S Shank Diameter	B Bearing Diameter
0611807	29.4mm	16mm	3.2mm	57mm	6.35mm	9.5mm
0611808	39.7mm	18mm	6.3mm	60mm	6.35mm	9.5mm
0611809	28.5mm	12.7mm	3.2mm	54mm	6.35mm	12.7mm
0611804	35mm	15.9mm	4.8mm	57mm	6.35mm	12.7mm
0612011	29mm	14mm	3mm	57mm	8mm	9.5mm
0612012	37mm	18mm	5mm	61mm	8mm	9.5mm
0612013	38mm	12mm	5mm	55mm	8mm	9.5mm
0612014	33mm	10mm	4mm	53mm	8mm	9.5mm
0611807	1-5/32"	5/8"	1/8"	2-1/4"	1/4"	3/8"
0611808	1-9/16"	23/32"	1/4"	2-3/8"	1/4"	3/8"
0611809	1-1/8"	1/2"	1/8"	2-1/8"	1/4"	1/2"
0611804	1-3/8"	5/8"	3/16"	2-1/4"	1/4"	1/2"
0612007	1-1/4"	9/16"	3/16"	2-1/4"	1/4"	1/2"



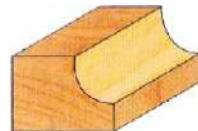
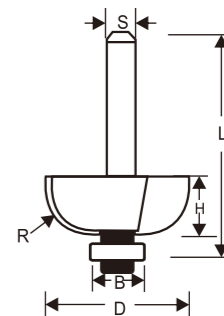
3. Flush Trimming Bits With Bearing Pilot

Item No.	D Cutting Diameter	H Cutting Length	L Overall Length	S Shank Diameter	B Bearing Diameter
0615401	7mm	20mm	60mm	6.35mm	8mm
0615402	9.5mm	14mm	56mm	6.35mm	9.5mm
0615404	12.7mm	13mm	57mm	6.35mm	12.7mm
0615405	13mm	25mm	70mm	6.35mm	8mm
0615407	16mm	25.4mm	70mm	6.35mm	16mm
0615402	3/8"	9/16"	2-3/16"	1/4"	3/8"
0615404	1/2"	1/2"	2-1/4"	1/4"	1/2"
0615407	5/8"	1"	2-3/4"	1/4"	5/8"



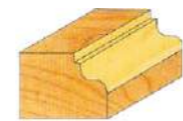
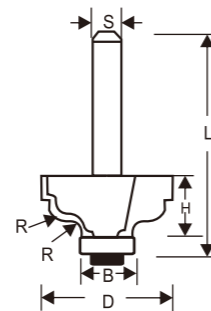
6. Cove Bits With Bearing Pilot

Item No.	D Cutting Diameter	H Cutting Length	R Cutting Radius	L Overall Length	S Shank Diameter	B Bearing Diameter
0611702	28.5mm	10mm	8mm	54mm	8mm	9.5mm
0611703	22mm	13mm	6.3mm	54mm	6.35mm	9.5mm
0611704	25mm	9.5mm	6.35mm	50mm	6.35mm	12.7mm
0611706	28.5mm	14mm	9.5mm	56mm	6.35mm	9.5mm
0611714	35mm	16mm	12.7mm	59mm	6.35mm	9.5mm
0611702	3/4"	1/2"	3/16"	2-1/8"	1/4"	3/8"
0611703	7/8"	1/2"	1/4"	2-1/8"	1/4"	3/8"
0611705	1"	1/2"	5/16"	2-1/8"	1/4"	3/8"
0611706	1-1/8"	9/16"	3/8"	2-3/16"	1/4"	3/8"
0611714	1-3/8"	5/8"	1/2"	2-5/16"	1/4"	3/8"
0611715	1-5/8"	3/4"	5/8"	2-7/16"	1/4"	3/8"



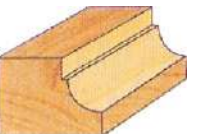
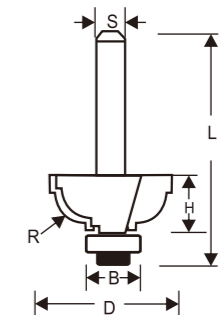
4. Ogee With Fillet Bits With Bearing Point

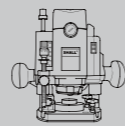
Item No.	D Cutting Diameter	H Cutting Length	R Cutting Radius	L Overall Length	S Shank Diameter	B Bearing Diameter
0610902	33mm	10mm	4mm	55mm	8mm	12.7mm
0610905	35mm	14.3mm	4.8mm	57mm	6.35mm	9.5mm
0610903	35mm	14.3mm	4.8mm	57mm	6.35mm	12.7mm
0610906	41.3mm	19mm	6.3mm	62mm	6.35mm	9.5mm
0610904	41.3mm	19mm	6.3mm	62mm	6.35mm	12.7mm
0610905	1-3/8"	9/16"	3/16"	2-1/4"	1/4"	3/8"
0610903	1-3/8"	9/16"	3/16"	2-1/4"	1/4"	1/2"
0610906	1-5/8"	3/4"	1/4"	2-7/16"	1/4"	3/8"
0610904	1-5/8"	3/4"	1/4"	2-7/16"	1/4"	1/2"



7. Cove With Fillet Bits With Bearing Pilot

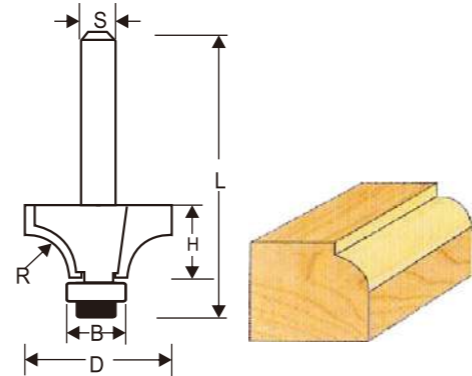
Item No.	D Cutting Diameter	H Cutting Length	R Cutting Radius	L Overall Length	S Shank Diameter	B Bearing Diameter
0617601	25.4mm	12.7mm	4.8mm	54mm	6.35mm	12.7mm
0617602	28.5mm	13.5mm	6.3mm	55mm	6.35mm	12.7mm
0617603	31.8mm	15mm	8mm	57mm	6.35mm	12.7mm
0617604	35mm	17mm	9.5mm	59mm	6.35mm	12.7mm
0617605	25mm	8mm	4mm	51mm	8mm	9.5mm
0617606	29mm	10mm	6mm	53mm	8mm	9.5mm
0617601	1"	1/2"	3/16"	2-1/8"	1/4"	1/2"
0617602	1-1/8"	17/32"	1/4"	2-3/16"	1/4"	1/2"
0617603	1-1/4"	19/32"	5/16"	2-1/4"	1/4"	1/2"
0617604	1-3/8"	21/32"	3/8"	2-5/16"	1/4"	1/2"





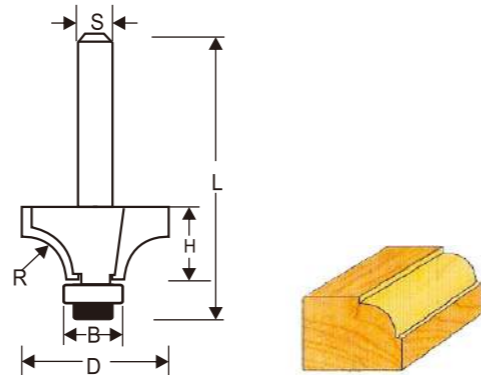
8.Round Over Bits With Bearing Pilot

Item No.	D Cutting Diameter	H Cutting Length	R Cutting Radius	L Overall Length	S Shank Diameter	B Bearing Diameter
0611501	15.9mm	10.5mm	3.2mm	51mm	6.35mm	9.5mm
0611507	22mm	13.5mm	6.3mm	54mm	6.35mm	9.5mm
0611509	25.3mm	15.5mm	7.9mm	55mm	6.35mm	9.5mm
0611512	28.5mm	16.5mm	9.5mm	56mm	6.35mm	9.5mm
0611515	38.1mm	19mm	12.7mm	62mm	6.35mm	12.7mm
0611516	12mm	11mm	6mm	54mm	8mm	9.5mm
0611503	3/4"	13/32"	1/8"	2-1/8"	1/4"	1/2"
0611508	7/8"	23/64"	3/16"	2-3/16"	1/4"	1/2"
0611510	1"	17/32"	1/4"	2-3/16"	1/4"	1/2"
0611511	1-1/8"	5/8"	5/16"	2-1/4"	1/4"	1/2"
0611513	1-1/4"	21/32"	3/8"	2-5/16"	1/4"	1/2"
0611515	1-1/2"	3/4"	1/2"	2-7/16"	1/4"	1/2"



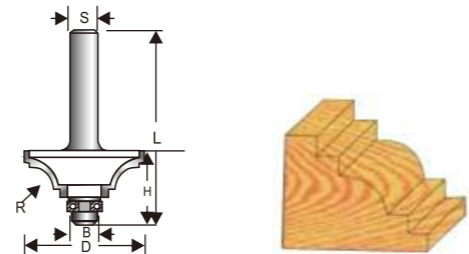
9.Beading Bits With Bearing Pilot

Item No.	D Cutting Diameter	H Cutting Length	R Cutting Radius	L Overall Length	S Shank Diameter	B Bearing Diameter
0611316	15.9mm	10.5mm	3.2mm	51mm	6.35mm	9.5mm
0611303	22mm	13.5mm	6.3mm	54mm	6.35mm	9.5mm
0611304	25.3mm	15.5mm	7.9mm	55mm	6.35mm	9.5mm
0611307	28.5mm	16.5mm	9.5mm	56mm	6.35mm	9.5mm
0611311	38.1mm	19mm	12.7mm	62mm	6.35mm	9.5mm
0611321	21mm	10mm	4mm	54mm	8mm	9.5mm
0611322	25mm	12mm	6mm	56mm	8mm	9.5mm
0611323	29mm	14mm	8mm	58mm	8mm	9.5mm
0611324	53mm	26mm	20mm	70mm	12mm	9.5mm
0611325	63mm	31mm	25mm	75mm	12mm	9.5mm
0611301	3/4"	13/32"	1/8"	2-1/8"	1/4"	3/8"
0611304	1"	17/32"	1/4"	2-3/16"	1/4"	3/8"
0611306	1-1/8"	5/8"	5/16"	2-1/4"	1/4"	3/8"
0611308	1-1/4"	21/32"	3/8"	2-5/16"	1/4"	3/8"
0611311	1-1/2"	3/4"	1/2"	2-7/16"	1/4"	3/8"



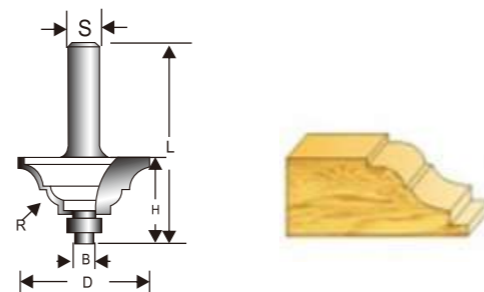
10.Step Ologo Bits With Bearing Pilot

Item No.	D Cutting Diameter	H Cutting Length	R Cutting Radius	L Overall Length	S Shank Diameter	B Bearing Diameter
0611341	29mm	14mm	3mm	58mm	8mm	9.5mm
0611342	37mm	18mm	5mm	62mm	8mm	9.5mm
0611343	33mm	10mm	4mm	54mm	8mm	9.5mm
0611344	38mm	12mm	6mm	56mm	8mm	9.5mm



11.Corner Bits With Bearing Pilot

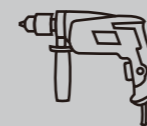
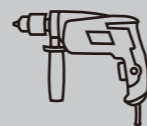
Item No.	D Cutting Diameter	H Cutting Length	R Cutting Radius	L Overall Length	S Shank Diameter	B Bearing Diameter
0611361	38mm	10mm	5mm	55mm	8mm	9.5mm
0611362	50mm	10mm	8mm	55mm	12mm	9.5mm
0611363	50mm	12mm	8mm	57mm	12mm	9.5mm
0611364	55mm	15mm	9mm	60mm	12mm	9.5mm
0611365	72mm	15mm	12mm	60mm	12mm	9.5mm



Hole Saws & Hole Saw Arbors Categories

Carbon Steel Hole Saw	122
HSS Hole Saw	122
Bi-Metal Hole Saw	123
Carbide Tipped Hole Saw	124
Hollow Drill Bit	124
Electro-Plated Diamond Hole Saw	125
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Pilot Drill	126
Hole Saw Arbor	126

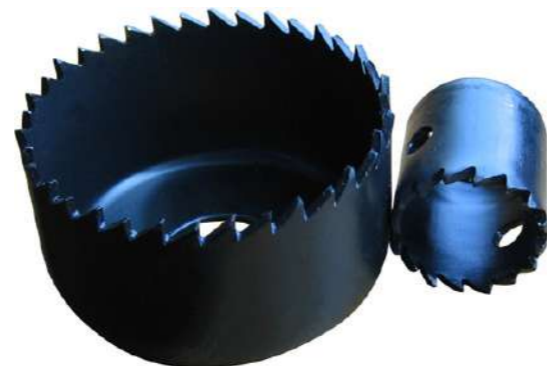




Carbon steel Hole Saw

Regular teeth:6 TPI, Cutting depth:25mm

Item No.	Inch	Metric	Item No.	Inch	Metric
0911001	3/4"	19	0911010	1-7/8"	48
0911103	25/32"	20	0911011	2"	51
0911002	7/8"	22	0911012	2-1/8"	54
0911003	1"	25	0911013	2-1/4"	57
0911104	1-1/16"	27	0911109	2-5/16"	59
0911004	1-1/8"	28	0911014	2-3/8"	60
0911105	1-5/32"	29	0911015	2-1/2"	64
0911106	1-3/16"	30	0911016	2-5/8"	67
0911005	1-1/4"	32	0911017	2-3/4"	70
0911107	1-5/16"	33	0911018	2-7/8"	73
0911006	1-3/8"	35	0911019	3"	76
0911007	1-1/2"	38	0911110	3-1/8"	79
0911108	1-9/16"	40	0911020	3-1/4"	82
0911027	1-5/8"	41	0911021	3-3/8"	86
0911009	1-3/4"	44			



DOUBLE BLISTER

M3 Bi-Metal Hole Saw

High Speed Steel M-3 Bi-Metal Edge Welded to Alloy Steel Back for Heavy Duty Cutting. Variable Teeth 4/6 TPL Teeth. Cuts Through Stainless Steel and Other Materials Pipe. Nail-Embedded Wood, Hard Wood Floors, Plywood and Plastics. The cutting depths are 1-3/8" (35mm) and 1-7/8" (47mm).

Item No.	Inch	Metric	Item No.	Inch	Metric
0912001	9/16"	14	0912031	2-1/2"	64
0912002	5/8"	16	0912032	2-9/16"	65
0912003	11/16"	17	0912033	2-5/8"	67
0912004	3/4"	19	0912034	2-11/16"	68
0912005	25/32"	20	0912035	2-3/4"	70
0912006	13/16"	21	0912036	2-7/8"	74
0912007	7/8"	22	0912037	3"	76
0912008	15/16"	24	0912038	3-1/8"	79
0912009	1"	25	0912039	3-1/4"	83
0912010	1-1/16"	27	0912040	3-3/8"	86
0912011	1-1/8"	28	0912041	3-1/2"	89
0912012	1-5/32"	29	0912043	3-3/4"	95
0912013	1-3/16"	30	0912044	3-7/8"	98
0912014	1-1/4"	32	0912045	4"	102
0912015	1-5/16"	33	0912046	4-1/8"	105
0912016	1-3/8"	35	0912047	4-3/8"	111
0912017	1-7/16"	37	0912049	4-1/2"	114
0912018	1-1/2"	38	0912050	4-3/4"	121
0912019	1-9/16"	40	0912051	5"	125
0912020	1-5/8"	41	0912059	5-1/16"	127
0912021	1-11/16"	43	0912052	5-1/4"	133
0912022	1-3/4"	44	0912053	5-9/16"	140
0912024	1-7/8"	48	0912054	5-3/4"	146
0912025	2"	51	0912055	6"	152
0912026	2-1/16"	52	0912056	6-1/2"	165
0912027	2-1/8"	54	0912060	6-9/16"	168
0912028	2-1/4"	57	0912061	6-15/16"	177
0912029	2-9/32"	58	0912057	7"	178
0912058	2-5/16"	59	0912062	8-3/8"	210
0912030	2-3/8"	60	0912063	10-5/16"	258



DOUBLE BLISTER

HSS Hole Saw

Exchangeable centering pilot drill, Exchangeable threaded arbor with three flattened shank, For high precision drilling in metallic sheet.

Item No.	Inch	Metric	Item No.	Inch	Metric
0914045	9/16"	14	0914040	1-1/2"	38
0914010	5/8"	16	0914003	1-5/8"	40
0914011	11/16"	17	0914041	1-3/4"	44
0914046	23/32"	18	0914048	1-25/32"	45
0914001	3/4"	19	0914022	1-7/8"	48
0914012	25/32"	20	0914004	2"	50
0914013	7/8"	22	0914023	2-1/8"	54
0914047	15/16"	24	0914049	2-3/16"	55
0914014	1"	25	0914024	2-1/4"	57
0914015	1-1/16"	27	0914025	2-5/16"	59
0914042	1-1/8"	28	0914005	2-3/8"	60
0914016	1-5/32"	29	0914006	2-1/2"	64
0914017	1-3/16"	30	0914007	2-3/4"	70
0914002	1-1/4"	32	0914026	2-7/8"	74
0914018	1-5/16"	33	0914027	3"	75
0914019	1-3/8"	35			



DOUBLE BLISTER

Bi-Metal Hole Saw With Arbor

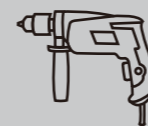
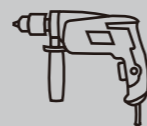
Item No.	Hole Saw dia Inch	Metric
0912070	3/4"	19
0912071	25/32"	20
0912072	7/8"	22
0912073	1"	25
0912074	1-5/32"	29
0912075	1-1/4"	32
0912076	1-3/8"	35
0912077	1-1/2"	38
0912078	1-3/4"	44
0912079	2"	51
0912080	2-1/4"	57
0912081	2-3/8"	60
0912082	2-9/16"	65
0912083	2-5/8"	67
0912084	2-11/16"	68
0912085	2-7/8"	73



DOUBLE BLISTER

Hole Saws & Arbors

Hole Saws & Arbors



Carbide Tipped Hole Saw

Sturdy construction. Hole saw and arbor in one piece. Exchangeable centering pilot drill. For perfectly drilling in steel, stainless steel and non-ferrous and light metals, plastics, wood.

Item No.	Hole Saw dia Inch	Metric	Length of cutter Inch	Metric
0915004	3/4"	19	1-3/8"	35
0915007	7/8"	22	1-3/8"	35
0915010	1"	25	1-3/8"	35
0915014	1-5/32"	29	1-3/8"	35
0915015	1-3/16"	30	1-3/8"	35
0915017	1-1/4"	32	1-3/8"	35
0915020	1-3/8"	35	1-3/8"	35
0915023	1-1/2"	38	1-3/8"	35
0915025	1-9/16"	40	1-3/8"	35
0915029	1-3/4"	44	1-3/8"	35
0915030	1-25/32"	45	1-3/8"	35
0915034	1-15/16"	49	1-3/8"	35
0915036	2"	51	1-3/8"	35
0915039	2-1/8"	54	1-3/8"	35
0915040	2-3/16"	55	1-3/8"	35
0915041	2-3/8"	60	2-3/8"	60
0915044	2-1/2"	64	2-3/8"	60
0915045	2-3/4"	70	2-3/8"	60
0915046	3"	76	2-3/8"	60



DOUBLE BLISTER

Carbide Tipped Hole Saw

The range: use in wood, plastic, non-ferrous metal, etc.

Item No.	Inch	Metric	T.C.T QTY	Item No.	Inch	Metric	T.C.T QTY
0915105	25/32"	20	1 tipped	0915137	3-1/8"	79	4 tipped
0915112	1-3/8"	35	1 tipped	0915131	3-5/32"	80	4 tipped
0915113	1-7/16"	36	2 tipped	0915138	3-15/16"	82	4 tipped
0915114	1-1/2"	38	2 tipped	0915139	3-1/4"	83	4 tipped
0915115	1-9/16"	40	2 tipped	0915140	3-3/8"	86	4 tipped
0915116	1-3/4"	44	2 tipped	0915141	3-1/2"	89	4 tipped
0915117	1-25/32"	45	2 tipped	0915132	3-5/8"	92	4 tipped
0915119	2"	50	3 tipped	0915133	4"	100	5 tipped
0915120	2-1/8"	54	3 tipped	0915134	4-1/8"	105	5 tipped
0915121	2-1/4"	57	3 tipped	0915135	4-3/8"	111	5 tipped
0915122	2-3/8"	60	3 tipped	0915146	4-9/16"	114	5 tipped
0915123	2-15/32"	63	3 tipped	0915147	4-53/64"	121	6 tipped
0915124	2-1/2"	65	3 tipped	0915136	5"	125	6 tipped
0915125	2-5/8"	67	3 tipped	0915148	5-5/64"	127	6 tipped
0915126	2-11/16"	68	3 tipped	0915142	5-1/4"	133	6 tipped
0915127	2-13/16"	71	3 tipped	0915143	5-9/16"	140	6 tipped
0915128	2-7/8"	73	3 tipped	0915144	6-1/4"	160	6 tipped
0915130	2-31/32"	76	4 tipped	0915145	6-1/2"	165	6 tipped



DOUBLE BLISTER

Hollow Drill Bit

75mm(3") Length

Item No.	Inch	Metric
0902030	1-1/8"	30
0902035	1-3/8"	35
0902040	2-5/8"	40
0902045	2-3/4"	45
0902050	2"	50
0902055	2-1/8"	55
0902060	3-3/8"	60
0902065	3-1/2"	65
0902070	3-3/4"	70
0902075	3"	75
0902080	3-1/8"	80

110mm(4-3/8") Length

Item No.	Inch	Metric
0902130	1-3/16"	30
0902135	1-3/8"	35
0902150	2"	50
0902155	2-1/8"	55
0902160	3-3/8"	60
0902165	3-1/2"	65
0902170	3-3/4"	70
0902175	3"	75
0902180	3-1/8"	80
0902115	4-1/2"	115



DOUBLE BLISTER

Electro-Plated Diamond Hole Saw

Electro-plated diamond cutting rim. Nickel-plated surface finish. Diamond grit: 100/120. For making holes in glass, mirror, ceramics.

Item No.	Inch	Metric
0933009	19/32"	15
0933010	5/8"	16
0933011	3/4"	19
0933012	7/8"	22
0933013	1"	25
0933014	1-1/8"	29
0933015	1-1/4"	32
0933016	1-3/8"	35
0933017	1-1/2"	38

Item No.	Inch	Metric
0933025	1-9/16"	40
0933018	1-3/4"	44
0933019	1-7/8"	48
0933020	2"	50
0933021	2-1/8"	54
0933022	2-1/4"	57
0933023	2-3/8"	60
0933024	2-1/2"	64



DOUBLE BLISTER

Carbide Grit Hole Saw

Type 1
Ideal for cutting ceramics, fiberglass, hardwoods, cast iron, composites, etc. 1-1/2" cutting depth.

Item No.	Inch	Metric
0916071	9/16"	14
0916023	5/8"	16
0916072	11/16"	17
0916024	3/4"	19
0916045	51/64"	20
0916046	53/64"	21
0916025	7/8"	22
0916047	61/64"	24
0916026	1"	25
0916048	1-5/64"	27
0916027	1-1/8"	29
0916073	1-3/16"	30
0916028	1-1/4"	32
0916074	1-5/16"	33
0916029	1-3/8"	35
0916030	1-1/2"	38

Item No.	Inch	Metric
0916075	1-9/16"	40
0916076	1-11/16"	43
0916031	1-3/4"	44
0916032	1-7/8"	48
0916033	2"	51
0916034	2-1/8"	54
0916035	2-1/4"	57
0916036	2-3/8"	60
0916037	2-1/2"	64
0916077	2-9/16"	65
0916038	2-3/4"	70
0916078	2-7/8"	73
0916039	3"	76
0916079	3-1/8"	79
0916040	3-1/4"	83
0916041	3-3/8"	86



DOUBLE BLISTER

Type 2

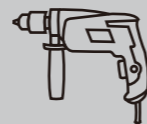
Item No.	Inch	Metric
0916050	1-5/16"	33
0916051	1-11/16"	43
0916057	2"	50
0916052	2-3/32"	53
0916053	2-1/2"	63
0916054	2-5/8"	67
0916055	2-7/8"	73
0916056	3-1/4"	83



DOUBLE BLISTER

Hole Saws & Arbors

Hole Saws & Arbors



Pilot Drill, 135° Split Point

Item No.	Diameter		Length		Step
	Inch	Metric	Inch	Metric	
0905075	1/4"	6.35	3"	75	One
0905083	1/4"	6.35	3-1/4"	83	One
0905004	1/4"	6.35	4-1/8"	104	Three
0905015	1/4"	6.35	4-1/2"	115	Three



Arbor For Bi-metal Hole Saw

0917001	Round Shank 6mm (1/4"); Chuck Size 6mm (1/4") Thread Size 13mm (1/2"-20UNF), Fit Hole Saws 14.3-30mm (9/16"-1-3/16") Diameter
0917002	SDS Shank; Chuck SDS Thread Size 13mm (1/2"-20UNF), Fit Hole Saws 14.3-30mm (9/16"-1-3/16") Diameter
0917003B	Hex Shank 9mm (3/8"); Chuck Size 9mm (3/8") Thread Size 13mm (1/2"-20UNF), Fit Hole Saws 14.3-30mm (9/16"-1-3/16") Diameter
0917003	Hex Shank 11mm (7/16"); Chuck Size 13mm (1/2") Thread Size 13mm (1/2"-20UNF), Fit Hole Saws 14.3-30mm (9/16"-1-3/16") Diameter
0917011	Quick Change Hex Shank 6mm (1/4"); Chuck Size 6mm (1/4") Thread Size 16mm (5/8"-18UNF), Fit Hole Saws 32-76mm (1-1/4"-3") Diameter
0917004	Hex Shank 11mm (7/16"); Chuck Size 13mm (1/2") Thread Size 16mm (5/8"-18UNF), Fit Hole Saws 44-76mm (1-3/4"-3") Diameter
0917006	Hex Shank 9mm (3/8"); Chuck Size 9mm (3/8") Thread Size 16mm (5/8"-18UNF), Fit Hole Saws 32-178mm (1-1/4"-7") Diameter
0917005	Hex Shank 11mm (7/16"); Chuck Size 13mm (1/2") Thread Size 16mm (5/8"-18UNF), Quick Change Fit Hole Saws 32-178mm (1-1/4"-7") Diameter
0917007	Hex Shank 11mm (7/16"); Chuck Size 13mm (1/2") Thread Size 16mm (5/8"-18UNF), Fit Hole Saws 32-178mm (1-1/4"-7") Diameter
0917026	Quick Change Hex Shank 9.5mm (3/8"); Chuck Size 9mm (3/8") Thread Size 16mm (5/8"-18UNF), Fit Hole Saws 32-200mm (1-1/4"-7-7/8") Diameter
0917009	SDS Shank; Chuck Size 13mm (1/2") Thread Size 16mm (5/8"-18UNF), Fit Hole Saws 32-210mm (1-1/4"-8-1/4") Diameter



Arbor For Carbon Hole Saw

0917020	Tri-flat Shank 6.35mm (1/4"); Chuck Size 6.35mm (1/4") With 6mm (1/4") HCS drill, Fit hole saw 19-28mm (3/4"-1-1/8") Diameter
0917022	Tri-flat Shank 9.5mm (3/8"); Chuck Size 9.5mm (3/8") With 6mm (1/4") HCS drill, Fit hole saw 32-86mm (1-1/4"-3-3/8") Diameter



Arbor For Carbide Grit Hole Saw

0917025	Hex Shank 11mm (7/16"); Chuck Size 13mm (1/2") Thread Size 16mm (5/8"-18UNF), Fit Hole Saws 32-102mm (1-1/4"-4") Diameter
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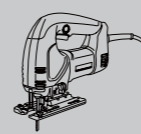
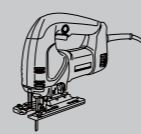


DOUBLE BLISTER

Jig Saw Blade & Multi-saw Blade Categories

1. Carbon Steel Jig Saw Blade	128
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3. Bi-Metal Jig Saw Blade	131
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5. Hack Saw Blade	137
6. Multi-Saw Blade	138





Carbon Steel Jig Saw Blade

1.T-Shank Type, Carbon Steel Jig Saw Blade

Item No.	Part #	Total LengthxWorking LengthxWidthxThickness Inch	Metric	Teeth/Inch	Function
0921001	T119BO	3x2x3/16x1/25	75x50x5x1	12	Curved cutting, for hardwood, softwood, plywood, chipboard and acrylic glass. SHALL®
0921101	T119B	3x2x5/16x1/25	75x50x8x1	12	Straight cutting, for hardwood, softwood, plywood and plastic. SHALL®
0921121	T101AO	3x2x3/16x1/20	75x50x5x1.2	18	Fast clean and precise curved cutting, for hardwood, softwood, plywood and wooden fibreboard. SHALL®
0921107	T244D	4x3x1/4x3/64	100x75x6x1.2	6	Fast curved cutting, for hardwood, softwood and chipboard. SHALL®
0921109	T144D	4x3x5/16x3/64	100x75x8x1.2	6	Fast straight cutting, for hardwood, softwood and chipboard. SHALL®
0921106	T101D	4x3x5/16x1/20	100x75x8x1.3	6	Fast clean cutting, for hardwood, softwood, chipboard and fibre board. SHALL®
0921105	T101DP	4x3x5/16x1/16	100x75x8x1.35	6	Fast straight cutting, for hardwood, softwood and chipboard. SHALL®
0921108	T111C	4x3x5/16x3/64	100x75x8x1.2	8	Rough cutting, for hardwood, softwood and plastic. SHALL®
0921110	T101BR	4x3x5/16x1/20	100x75x8x1.3	10	Clean and precise down cutting, for hardwood, softwood, plywood and wooden fibreboard. SHALL®
0921111	T101B	4x3x5/16x1/20	100x75x8x1.3	10	Fast clean and precise cutting, for hardwood, softwood, plywood and wooden fibreboard. SHALL®
0921112	T301CD	4-1/2x3-1/2x5/16x1/20	115x90x8x1.3	8	Fast clean and precise cutting, for hardwood, softwood, plywood and wooden fibreboard. SHALL®
0921113	T234X	4-1/2x3-1/2x5/16x1/20	116x90x8x1.3	8-12	Fast clean cutting, for hardwood, softwood, plywood and wooden fibreboard. SHALL®
0921127	T301DL	5-7/32x4-1/8x5/16x1/20	132x105x8x1.3	6	Fast clean cutting, for hardwood, softwood, plywood and wooden fibreboard. SHALL®
0921123	T334D	6x5x5/16x1/20	152x125x8x1.2	6	Fast straight cutting, for hardwood, softwood and chipboard. SHALL®

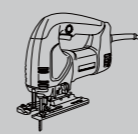
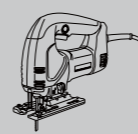
Carbon Steel Jig Saw Blade

2. 1/4" Universal Shank, Half-Bore Type, Carbon Steel Jig Saw Blade

Item No.	Part #	Total LengthxWorking LengthxWidthxThickness Inch	Metric	Teeth/Inch	Function
0921203	U119A	3x2-3/16	75x55	21	Plywood, wooden fibreboard, insulation materials and plastic. SHALL®
0921204	U119B	3x2-3/16	75x55	12	Straight cutting, for hardwood, softwood, plywood and plastic. SHALL®
0921201	U119BO	2-3/4x2x3/16x1/25	70x50x5x1	12	Curved cutting, for hardwood, softwood, plywood, chipboard and acrylic glass. SHALL®
0921202	U101AO	2-3/4x2x3/16x1/20	70x50x5x1.2	12	Fast clean and precise curved cutting, for hardwood, softwood, plywood and wooden fibreboard. SHALL®
0921205	U244D	4x3x1/4x3/64	100x75x6.5x1.2	5-6	Fast curved cutting, for hardwood, softwood and chipboard SHALL®
0921206	U101D	4x3x5/16x1/20	100x75x8x1.3	5-6	Fast clean cutting, for hardwood, softwood, chipboard and fibre board. SHALL®
0921209	U111C	4x3x5/16x3/64	100x75x8x1.2	8	Rough cutting, for hardwood, softwood and plastic. SHALL®
0921211	U101B	4x3x5/16x1/20	100x75x8x1.3	10	Fast clean and precise cutting, for hardwood, softwood, plywood and wooden fibreboard. SHALL®
0921212	U144D	4x3x5/16x1/20	100x75x8x1.2	6	Fast straight cutting, for hardwood, softwood and chipboard. SHALL®

3. 1/4" Universal Shank, Bore-Half Type, Carbon Steel Jig Saw Blade

Item No.	Part #	Total LengthxWorking LengthxWidthxThickness Inch	Metric	Teeth/Inch	Process	Image
0921301	BD119B	3x2x5/16x1/25	76x50x8x1.0	12	Milled	
0921302	BD119BO	3x2x1/5x1/25	76x50x5x1.0	12	Milled	
0921303	BD101AO	3x2x1/5x1/20	76x50x5x1.3	20	Ground Teeth and Taper Ground	
0921311	BD144D	4x3x5/16x3/64	100x75x8x1.2	6	Ground Teeth	
0921312	BD101D	4x3x5/16x1/20	100x75x8x1.3	6	Ground Teeth and Taper Ground	
0921321	BD101D	5x4x5/16x1/20	125x100x8x1.3	6	Ground Teeth and Taper Ground	
0921313	BD111C	4x3x5/16x3/64	100x75x8x1.2	8	Milled	
0921314	BD101B	4x3x5/16x1/20	100x75x8x1.3	10	Ground Teeth and Taper Ground	



HSS Jig Saw Blade

1. T-Shank Type, HSS Jig Saw Blade

Item No.	Part #	Total LengthxWorking LengthxWidthxThickness Inch Metric	Teeth/Inch	Function
0923002	T218A	3x2x1/4x1/25 75x50x6x1	21	Curved cutting, for thin metal, non-ferrous metal and aluminium. T218A HSS SHALL®
0923105	T118G	3x2x5/16x1/25 75x50x8x1	32	Straight cutting, for extra-thin metal, non-ferrous metal and aluminium. T118G HSS SHALL®
0923113	T118B	3x2x5/16x1/25 75x50x8x1	12	Straight cutting, for thicker metal, non-ferrous metal and aluminium. T118B HSS SHALL®
0923115	T118A	3x2x5/16x1/25 75x50x8x1	21	Straight cutting, for thin metal, non-ferrous metal and aluminium. T118A HSS SHALL®
0923107	T227D	4x3x1/4x1/25 100x75x6.5x1	8	Curved cutting, for aluminium, nonferrous metal and fibreglass reinforced material. T227D HSS SHALL®
0923108	T127D	4x3x5/16x1/25 100x75x8x1	8	Straight cutting for aluminium, non-ferrous metal glassfibre-reinforced material. T127D HSS SHALL®
0923116	T123X	4x3x5/16x1/25 100x75x8x1	10-24	Straight cutting for thin metal, pipes, aluminium. T123X HSS SHALL®
0923118	T318B	5-7/32x4-1/8x5/16x1/25 132x105x8x1	12	Straight cutting for sandwich material, non-ferrous metal and so on. T318B HSS SHALL®
0923112	T318A	5-7/32x4-1/8x5/16x1/25 132x105x8x1	21	Straight cutting for sandwich material and non-ferrous metal. T318A HSS SHALL®

2. 1/4" Universal Shank, Half-Bore Type, HSS jig Saw Blade

Item No.	Part #	Total LengthxWorking LengthxWidthxThickness Inch Metric	Teeth/Inch	Function
0923312	U118G	2-3/4x2x5/16x1/25 70x50x8x1	32	Straight cutting, for extra-thin metal, non-ferrous metal and aluminium. U118G HSS SHALL®
0923314	U118A	3x2x5/16x1/25 75x50x8x1	21	Straight cutting, for thin metal, non-ferrous metal and aluminium. U118A HSS SHALL®
0923315	U118B	3x2x5/16x1/25 75x50x8x1	12	Straight cutting, for thicker metal, non-ferrous metal and aluminium. U118B HSS SHALL®
0923307	U127D	4x3-5/32x5/16x1/25 100x80x8x1	8	Straight cutting for aluminium, non-ferrous metal glassfibre-reinforced material. U127D HSS SHALL®

HSS Jig Saw Blade

3. 1/4" Universal Shank, Bore-Half Type, HSS Jig Saw Blade

Item No.	Part #	Total LengthxWorking LengthxWidthxThickness Inch Metric	Teeth/Inch	Process
0923201	BD118B	3x2x5/16x1/25 75x50x8x1	12	Milled
0923202	BD118A	3x2x5/16x1/25 75x50x8x1	21	Milled
0923203	BD118G	3x2x5/16x1/25 75x50x8x1	32	Milled
0923211	BD227D	4x3x5/16x1/25 100x75x8x1	8	Milled
0923212	BD127D	4x3x5/16x1/25 100x75x8x1	8	Milled

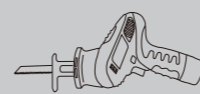
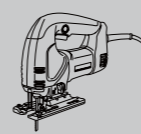
Bi-Metal Jig Saw Blade

2. 1/4" Universal Shank, Half-Bore Type, Bi-metal Jig Saw Blade

Item No.	Part #	Total LengthxWorking LengthxWidthxThickness Inch Metric	Teeth/Inch	Function
0922208	U118BF	3x2-3/16x5/16x1/25 75x55x8x1	12	Straight cutting, for thick metal, nonferrous metal, aluminium and acrylic glass. U118BF BIM SHALL®
0922205	U118AF	3x2-3/16x5/16x1/25 75x55x8x1	21	Straight cutting, for thin metal, aluminium stainless steel and acrylic glass. U118AF BIM SHALL®
0922209	U127DF	4x3x5/16x1/25 100x75x8x1	8	Straight flexible cutting for aluminium, non-ferrous metal glassfibre-reinforced material. U127DF BIM SHALL®
0922203	U144DF	4x3-5/32x5/16x1/25 100x80x8x1	6	Fast straight flexible cutting, for hardwood, softwood and chipboard. U144DF BIM SHALL®
0922202	U101DF	4x3-5/32x5/16x1/25 100x80x8x1	6	Flexible fast clean cutting, for hardwood, softwood, plywood and wooden fibreboard. U101DF BIM SHALL®
0922204	U101BF	4x3-5/32x5/16x1/25 100x80x8x1	10	Flexible fast clean cutting, for hardwood, softwood, plywood and wooden fibreboard. U101BF BIM SHALL®
0922215	U101BRF	4x3-5/32x5/16x1/25 100x80x8x1	10	Flexible fast down cutting, for hardwood, softwood, plywood and wooden fibreboard. U101BRF BIM SHALL®
0922216	U318AF	5-7/32x4-5/16 130x110	21	Straight flexible cutting, for sandwich material, nonferrous metal. U318AF BIM SHALL®

Jig Saw Blades
& Hack Saw Blades
Multi-Saw Blade

Jig Saw Blades
& Hack Saw Blades
Multi-Saw Blade



Bi-Metal Jig Saw Blade

1. T-Shank Type, Bi-metal Jig Saw Blade

Item No.	Part #	Total Length Inch	Working Length Inch	Width Metric	Thickness Metric	Teeth/Inch	Function
0922116	T101BIF	3-1/4x2-9/32x3/16x1/20	83x58x5x1.27	15	Flexible cutting for laminates and laminated panels.		
0922117	T118BF	3x2x5/16x1/25	75x50x8x1	12	Straight flexible cutting, for thicker metal, nonferrous metal, aluminium and acrylic glass.		
0922108	T118AF	3x2x5/16x1/25	75x50x8x1	21	Straight flexible cutting, for thin metal, aluminium, stainless steel and acrylic glass.		
0922106	T144DF	4x3x5/16x1/20	100x75x8x1.27	6	Fast straight flexible cutting, for hardwood, softwood and chipboard.		
0922118	T127DF	4x3x5/16x1/25	100x75x8x1	8	Straight flexible cutting for aluminium, non-ferrous metal glassfibre-reinforced material.		
0922107	T101BF	4x3x5/16x1/20	100x75x8x1.27	10	Flexible fast clean cutting, for hardwood, softwood, plywood and wooden fibreboard.		
0922102	T101BRF	4x3x5/16x1/20	100x75x8x1.27	10	Flexible fast down cutting, for hardwood, softwood, plywood and wooden fibreboard.		
0922119	T101AIF	4x3x5/16x1/20	100x75x8x1.27	15	Flexible cutting for hardwood, laminated boards, plastics and epoxy.		
0922111	T101DF	4x3	100x75	6	Flexible fast clean cutting, for hardwood, softwood, plywood and wooden fibreboard.		
0922114	T318AF	5-7/32x4-1/8x5/16x1/25	132x105x8x1	21	Straight flexible cutting, for sandwich material, nonferrous metal.		
0922113	T318BF	5-7/32x4-1/8x5/16x1/25	132x105x8x1	12	Straight flexible cutting, for sandwich material, nonferrous metal.		
0922112	T345XF	5-7/32x4-5/16	132x110	5-10	Flexible cutting for wood with nails, plastics, metal plate, pipes, aluminium.		
0922105	T334DF	6x5x5/16x1/20	152x125x8x1.27	6	Flexible fast clean cutting, for hardwood, softwood, plywood and wooden fibreboard.		

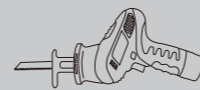
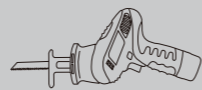
Reciprocating Saw Blade

1. Bi-metal Reciprocating Saw Blade

Item No.	Total Length x Width x Thickness Inch	Metric (mm)	Teeth/Inch	Function
0926201	6x3/4x3/64	150x19x1.3	6/10	Flexible rough cutting, for hardwood, softwood, wood with nails and synthetics.
0926202	8x3/4x3/64	200x19x1.3	6/10	Flexible rough cutting, for hardwood, softwood, wood with nails and synthetics.
0926203	8x3/4x3/64	203x19x1.3	6-12	Flexible rough cutting, for hardwood, softwood, wood with nails and synthetics.
0926204	9-1/16x3/4x3/64	230x19x1.3	6/10	Flexible rough cutting, for hardwood, softwood, wood with nails and synthetics.
0926205	12x3/4x3/64	300x19x1.3	6/10	Flexible rough cutting, for hardwood, softwood, wood with nails and synthetics.
0926206	6x3/4x1/32	150x19x0.9	8-12	Variable teeth, flexible for wood with nails and synthetics.
0926207	6x7/8x3/64	150x22x1.3	6-12	Progressive teeth, flexible for wood with nails and synthetics.
0926208	6x3/4x3/64	150x19x1.3	5-8	Variable teeth, flexible for wood with nails and synthetics.
0926209	12x3/4x3/64	300x19x1.3	2-3	Variable teeth, flexible for wood with nails and synthetics.
0926210	4x5/8x1/32	103x16x0.9	14/18/24	Straight flexible cutting, for metal, sheet metal, and pipes.
0926211	6x3/4x1/32	150x19x0.9	14/18/24	Straight flexible cutting, for metal, sheet metal, and pipes.
0926212	6x3/4x1/32	150x19x0.9	14-18	Straight flexible cutting, for metal, sheet metal, and pipes.

Jig Saw Blades & Hack Saw Blades Multi-Saw Blade

Jig Saw Blades & Hack Saw Blades Multi-Saw Blade



Reciprocating Saw Blade

1. Bi-metal Reciprocating Saw Blade

Item No.	Total Length x Width x Thickness Inch Metric (mm)	Teeth/Inch	Function
0926213	8x3/4x1/32 200x19x0.9	14/18/24	Straight flexible cutting, for metal, sheet metal, and pipes.
0926214	9x3/4x3/64 228x19x1.3	14/18/24	Straight flexible cutting, for metal, sheet metal, and pipes.
0926215	9x3/4x3/64 228x19x1.3	14-18	Straight flexible cutting, for metal, sheet metal, and pipes.
0926216	9x3/4x3/64 228x19x1.3	8-14	Straight flexible cutting, for metal, sheet metal, and pipes.
0926217	12x3/4x1/32 300x19x0.9	14/18/24	Straight flexible cutting, for metal, sheet metal, and pipes.
0926218	6x3/4x1/32 150x19x0.9	10-14	Variable teeth, flexible for metal, wood with nails, and synthetics.
0926219	8x3/4x3/64 200x19x1.3	10-14	Variable teeth, flexible for metal, wood with nails, and synthetics.
0926220	9x3/4x3/64 228x19x1.3	10-14	Variable teeth, flexible for wood with nails and synthetics.
0926221	12x3/4x3/64 300x19x1.3	10-14	Variable teeth, flexible for metal, wood with nails, and synthetics.
0926222	6x7/8x1/16 150x22x1.6	6	Demolition work for pipe, wood with nails, and structural steel.
0926223	9x7/8x1/16 228x22x1.6	6	Demolition work for pipe, wood with nails, and structural steel.
0926224	12x7/8x1/16 300x22x1.6	6	Demolition work for pipe, wood with nails, and structural steel.

Reciprocating Saw Blade

1. Bi-metal Reciprocating Saw Blade

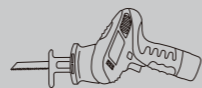
Item No.	Total Length x Width x Thickness Inch Metric (mm)	Teeth/Inch	Function
0926225	6x1x1/16 150x25x1.6	5-8	Demolition work for pipe, wood with nails, and structural steel.
0926226	9x1x1/16 228x25x1.6	5-8	Demolition work for pipe, wood with nails, and structural steel.
0926227	12x1x1/16 300x25x1.6	5-8	Demolition work for pipe, wood with nails, and structural steel.
0926228	6x1x3/64 150x25x1.1	14	Demolition work for pipe, angle iron, structural steel.
0926229	9x1x3/64 228x25x1.1	14	Demolition work for pipe, angle iron, structural steel.
0926230	12x1x3/64 300x25x1.1	14	Demolition work for pipe, angle iron, structural steel.
0926231	6x7/8x3/64 150x22x1.3	9-12	Demolition work for pipe, angle iron, structural steel.
0926232	9x7/8x3/64 228x22x1.3	9-12	Demolition work for pipe, angle iron, structural steel.
0926233	12x7/8x3/64 304x22x1.3	9-12	Demolition work for pipe, angle iron, structural steel.

2. Carbon Steel Reciprocating Saw Blade

Item No.	Total Length x Width x Thickness Inch Metric (mm)	Teeth/Inch	Function
0926101	6x3/4x3/64 150x19x1.2	3/4/6/10	Rough cutting, for hardwood, softwood and chipboard.
0926102	9x3/4x3/64 228x19x1.2	3/4/6/10	Rough cutting, for hardwood, softwood and chipboard.
0926103	12x3/4x3/64 300x19x1.2	3/4/6/10	Rough cutting, for hardwood, softwood and chipboard.

Jig Saw Blades & Hack Saw Blades Multi-Saw Blade

Jig Saw Blades & Hack Saw Blades Multi-Saw Blade



2. Carbon Steel Reciprocating Saw Blade

Item No.	Total Length x Width x Thickness Inch	Metric (mm)	Teeth/Inch	Function
0926104	6x3/4x3/64	150x19x1.2	6	Fast rough cutting, for hardwood, softwood and chipboard.
0926105	6x3/4x3/64	150x19x1.2	6	Fast rough cutting, for hardwood, softwood and chipboard.
0926106	6x3/4x3/64	150x19x1.2	5	Fast rough cutting, pruning for wood.
0926107	9x3/4x3/64	228x19x1.2	5	Fast rough cutting, pruning for wood.
0926108	9-1/2x3/4x1/16	240x19x1.5	5	Fast rough cutting, pruning for wood.
0926109	12x3/4x1/16	300x19x1.5	5	Fast rough cutting, pruning for wood.
0926110	9-1/2x3/4x1/16	240x19x1.5	3	Fast rough cutting, pruning for wood.

Carbide Reciprocating Saw Blade

- For cutting brick, concrete, plasterboard, sand-lime brick, lightweight concrete blocks.
- Base material: 65Mn, cutting edge material YG8



Item No.	LengthxWidthxThickness Metric	Inch	Teeth/Inch	Material
0926901	455 x 51	18 x 2	2	65Mn

Bi-Metal Air Saw Blade

- High hardness, more durable, more wear-resistant
- For cutting iron-aluminum metal, steel, wood, plastic, wood, gypsum board, rubber, plexiglass, etc.



Item No.	LengthxWidthxThickness Metric	Inch	Teeth/Inch	Material
0927001	94.5x12.5x0.6	3-3/4x1/2x0.025	18	BIM
0927002	94.5x12.5x0.6	3-3/4x1/2x0.025	24	BIM
0927003	94.5x12.5x0.6	3-3/4x1/2x0.025	32	BIM

Carbon Hack Saw Blades

- Heat treated carbon steel
- Used to cut pipe, tubing and solids, wood, plastic and easy to machine metals such as conduit, aluminum, copper tubing etc.
- Low end of service cost in general duty application

Item No.	LengthxWidthxThickness Metric	Inch	Teeth/Inch	Material
0925006	300x12.7x0.6	12x1/2x0.025	24	C20#
0925072	250x12.7x0.6	10x1/2x0.025	24	C60#
0925076	300x12.7x0.6	12x1/2x0.025	24	C60#



HSS Hack Saw Blades

- For straight & efficient cutting, heat resistant
- Designed for use with low tension hack frame
- Used to cut pipe, tubing and solids, wood, plastic and easy to machine metals such as conduit, stainless steel tubing, angle iron, copper tubing, structural material, etc.

Item No.	LengthxWidthxThickness Metric	Inch	Teeth/Inch
0925012	300x12.7x0.6	12x1/2x0.025	18
0925013	300x12.7x0.6	12x1/2x0.025	24
0925014	300x12.7x0.6	12x1/2x0.025	32



Bi-Metal Hack Saw Blades

- Bi-metal construction, spring steel back and high speed steel cutting edge
- Pipe, tubing and solids
- Cuts wood, plastic or any machinable metal, including conduit, stainless steel tubing, angle iron, copper tubing, structural materials, etc

Item No.	LengthxWidthxThickness Metric	Inch	Teeth/Inch
0925019	300x12.7x0.6	12x1/2x0.025	18
0925020	300x12.7x0.6	12x1/2x0.025	24
0925021	300x12.7x0.6	12x1/2x0.025	32

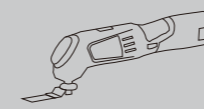
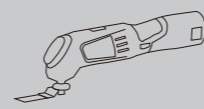


Double Face Carbon Steel Hack Saw Blade

- 20# Steel

Item No.	Length x Width x Thickness Metric	Inch	① Teeth Inch	② Teeth Inch
0925301	300x23.5x0.6	12x15/16x0.025	24	8
0925302	300x23.5x0.6	12x15/16x0.025	24	24





For Cutting

Item No.	Material	Blade Width	Teeth per Inch	Blade Depth	Function
0928001	Stainless Steel	10mm	18T	40mm	Applicable for hole drilling on and cutting of various wood plates and fibre boards.
	HCS	10mm	18T	40mm	
	CrV	10mm	18T	40mm	Applicable for hole drilling on and cutting of various wood plates with nails, and fibre boards.
	BIM	10mm	18T	40mm	



Item No.	Material	Blade Width	Teeth per Inch	Blade Depth	Function
0928002	Stainless Steel	20mm	18T	40mm	Applicable for hole drilling on and cutting of various wood plates and fibre boards.
	HCS	20mm	18T	40mm	
	CrV	20mm	18T	40mm	Applicable for hole drilling on and cutting of various wood plates with nails, and fibre boards.
	BIM	20mm	18T	40mm	



Item No.	Material	Blade Width	Teeth per Inch	Blade Depth	Function
0928003	Stainless Steel	31mm	18T	40mm	Applicable for hole drilling on and cutting of various wood plates and fibre boards.
	BIM	31mm	18T	40mm	Applicable for hole drilling on and cutting of various wood plates with nails, and fibre boards.
0928004	CrV	32.5mm	18T	40mm	Applicable for hole drilling on and cutting of various wood plates and fibre boards.
0928005	HCS	34mm	10T	40mm	Applicable for hole drilling on and cutting of various wood plates and fibre boards.
0928006	BIM	34mm	18T	40mm	Applicable for hole drilling on and cutting of various wood plates with nails, and fibre boards.



Item No.	Material	Blade Width	Teeth per Inch	Blade Depth	Function
0928007	HCS	68mm	10T	40mm	Applicable for hole drilling on and cutting of various wood plates and fibre boards.



Item No.	Material	Blade Width	Blade Depth	Function
0928008	Diamond	68mm	3-5mm	Applicable for cutting of nails, chipping of hard substances like ceramic tiles, glass and etc.



Item No.	Material	Blade Dia. X Thickness	Teeth Number	Function
0928009	HSS	Ø80X0.6mm	200T	Applicable for cutting of various thin metal, wood materials and plastic and capable of cutting into right angle.
0928010	HSS	Ø87X0.6mm	200T	



Item No.	Material	Blade Dia. X Thickness	Teeth Number	Function
0928011	HSS	Ø87X0.6mm	200T	Applicable for cutting of various thin metal, wood materials and plastic and capable of cutting into right angle.
	HCS	Ø87X0.6mm	200T	Applicable for cutting of various wood materials and plastic and capable of cutting into right angle.
0928012	HSS	Ø87X0.8mm	200T	Applicable for cutting of various thin metal, wood materials and plastic and capable of cutting into right angle.



Item No.	Material	Blade Dia. X Thickness	Teeth Number	Function
0928013	HCS	Ø87X0.6mm	200T	Applicable for cutting of various wood materials and plastic and capable of cutting into right angle.
0928014	Hard Alloy	Ø87X0.6mm	Grit	Applicable for chipping of concrete, ceramic tiles and etc.
0928015	HCS	Ø100X0.8mm	Knife	Applicable for fast, clean cuts in a variety of soft materials, like carpet, cardboard, leather, rubber, foam and plastic.



For Scraping

Item No.	Material	Blade Width	Blade Depth	Function
0928100	HCS	52mm	27mm	Applicable for removing carpet, hard caulk, paint, tape, window glazing and mortar.

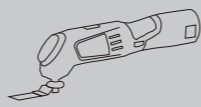


Item No.	Material	Blade Width	Blade Depth	Function
0928101	HCS	58mm	16mm	Applicable for removing putty, glazing, and glue, separate glass from stubborn window gaskets. And get the best angle on your work.



Item No.	Material	Function
0928102	Stainless Steel	Applicable for slotting and grooved in the board and fiber board, removing the glue things from crack.





For Chipping

Item No.	Material	Blade Dia.	Function
0928201	Diamond	Ø40mm	Applicable for chipping of hard substances like ceramic tiles, glass and etc.
0928202	Diamond	Ø50mm	
0928203	Diamond	Ø60mm	
0928204	Diamond	Ø70mm	
0928205	Diamond	Ø80mm	
0928206	Diamond	Ø120mm	



Item No.	Material	Blade Dia.	Function
0928207	Diamond	Ø64mm	Applicable for chipping of hard substances like ceramic tiles, glass and etc.



Item No.	Material	Blade Dia.	Function
0928208	Hard Alloy	Ø64mm	Applicable for chipping of concrete, ceramic tiles and etc.



Item No.	Material	Blade Dia.	Function
0928209	Hard Alloy	Ø76mm	Applicable for chipping of concrete, ceramic tiles and etc.



Item No.	Material	Blade Dia.	Function
0928210	Hard Alloy	Ø78mm	Applicable for chipping of concrete, ceramic tiles and etc.



Adaptor

Item No.	Material	Function
0928300	Powder Metallurgy	To assemble the multi-saw blade with different type of holes on the machine of FEIN/BOSCH/WORX/ROCKWELL/DREMEL

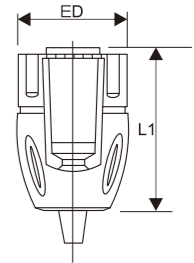


Keyless Chuck

Type 1 Keyless Chuck

Application: Suitable for portable non-impact DC & AC electric drills.

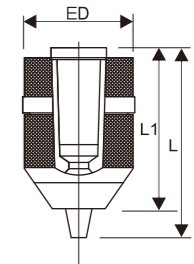
Item No.	Model	Capacity mm	Capacity inch	Thread mount	D mm	L1 mm
0830245	1510C	0.8-10	1/32-3/8	3/8-24UNF	38	51.5
0830246	1510C	0.8-10	1/32-3/8	1/2-20UNF	38	51.5



Type 2 Keyless Chuck

Application: Suitable for AC(≥600W)&DC(≥14.4V) impact electric drills.

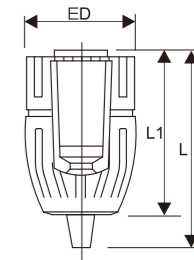
Item No.	Model	Capacity mm	Capacity inch	Thread mount	D mm	L1 mm
0830352	1813FN	1.5-13	1/16-1/2	3/8-24UNF	43	75
0830353	1813FN	1.5-13	1/16-1/2	1/2-20UNF	43	75



Type 3 Keyless Chuck

Application: Suitable for AC(≥600W)&DC(≥14.4V) impact electric drills.

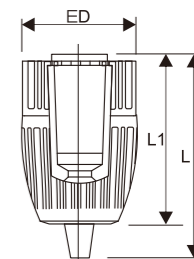
Item No.	Model	Capacity mm	Capacity inch	Thread mount	D mm	L1 mm	L mm
0830255	1813B	1.5-13	1/16-1/2	3/8-24UNF	46	69	83
0830256	1813B	1.5-13	1/16-1/2	1/2-20UNF	46	69	83



Type 4 Keyless Chuck

Application: Suitable for AC(≥600W)&DC(≥14.4V) impact electric drills.

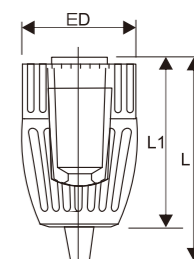
Item No.	Model	Capacity mm	Capacity inch	Thread mount	D mm	L1 mm	L mm
0830225	1513A	2-13	1/16-1/2	3/8-24UNF	43	62	75.4
0830226	1513A	2-13	1/16-1/2	1/2-20UNF	43	62	75.4



Type 5 Keyless Chuck

Application: Suitable for AC(≥600W)&DC(≥14.4V) impact electric drills.

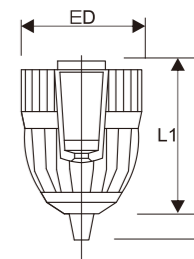
Item No.	Model	Capacity mm	Capacity inch	Thread mount	D mm	L1 mm	L mm
0830210	1510J	0.8-10	1/32-3/8	3/8-24UNF	41	54.5	64
0830211	1510J	0.8-10	1/32-3/8	1/2-20UNF	41	54.5	64
0830212	1513J	1.5-13	1/16-1/2	3/8-24UNF	43	62	74.5
0830213	1513J	1.5-13	1/16-1/2	1/2-20UNF	43	62	74.5



Type 6 Keyless Chuck

Application: Suitable for AC(≥600W)&DC(≥14.4V) impact electric drills.

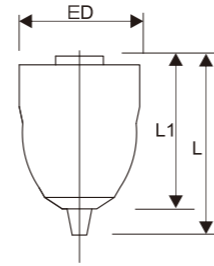
Item No.	Model	Capacity mm	Capacity inch	Thread mount	D mm	L1 mm	L mm
0830205	1510B	0.8-10	1/32-3/8	3/8-24UNF	43	54	65
0830206	1510B	0.8-10	1/32-3/8	1/2-20UNF	43	54	65
0830207	1513B	1.5-13	1/16-1/2	3/8-24UNF	43	62.3	75.5
0830208	1513B	1.5-13	1/16-1/2	1/2-20UNF	43	62.3	75.5



Chucks

Type 7 Keyless Chuck

Item No.	Capacity mm inch	Thread mount	D mm	L1 mm	L mm
0830373	2-13 1/16-1/2	1/2-20UNF	43	62±0.50	73±1
0830374	0.8-10 1/32-3/8	3/8-24UNF	40.4	58±0.50	64±1



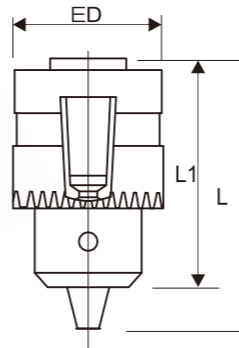
Chuck With Key

Type 1 Chuck With Key

Application: Suitable for kinds of AC&DC electric drill.

Thread Mount: UNF、Metric

Item No.	Model	Capacity mm inch	Thread mount	D mm	L1 mm	L mm
0830113	3506	0.6-6 1/64-1/4	3/8-24UNF	30.3	40	49
0830104	3510	1.5-10 1/16-3/8	3/8-24UNF	34	49	58.5
0830114	3510	1.5-10 1/16-3/8	1/2-20UNF	34	49	58.5
0830116	3510	1.5-10 1/16-3/8	M12x1.25	34	49	58.5
0830106	3513	1.5-13 1/16-1/2	3/8-24UNF	42	59	71.5
0830101	3513	1.5-13 1/16-1/2	1/2-20UNF	42	59	71.5
0830118	3513	1.5-13 1/16-1/2	M12x1.25	42	59	71.5
0830120	3516	3.0-16 1/8-5/8	3/8-24UNF	52	67	86
0830102	3516	3.0-16 1/8-5/8	1/2-20UNF	52	67	86
0830110	3516	3.0-16 1/8-5/8	5/8-16UNF	52	67	86



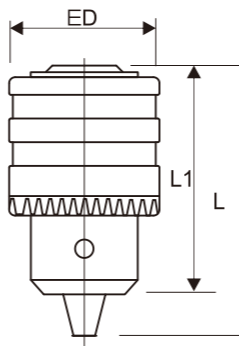
Item No.	Model	Capacity mm inch	Taper mount	D mm	L1 mm	L mm
0830122	2506	0.6-6 1/64-1/4	B10	30.3	40	49
0830123	2510	1.5-10 1/16-3/8	B12	34	49	58.5
0830105	2513	1.5-13 1/16-1/2	B16	42	59	71.5
0830103	2516	3.0-16 1/8-5/8	B16	52	67	86
0830109	2516	3.0-16 1/8-5/8	B18	52	67	86

Type 2 Chuck With Key

Application: Suitable for kinds of AC&DC electric drill.

Thread Mount: UNF

Item No.	Model	Capacity mm inch	Thread mount	D mm	L mm	Kg	Key
0830170	13506	0.6-6 1/64-1/4	3/8-24UNF	30.0	49.0	0.115	S1
0830171	13510	1.5-10 1/32-3/8	3/8-24UNF	34.0	60.0	0.160	S1
0830172	13510A	1.5-10 1/32-3/8	1/2-20UNF	34.0	60.0	0.160	S1
0830173	13513	1.5-13 1/16-1/2	1/2-20UNF	43.0	75.0	0.305	S2
0830174	13513A	1.5-13 1/16-1/2	3/8-24UNF	43.0	75.0	0.305	S2
0830175	13516	3.0-16 1/8-5/8	1/2-20UNF	53.0	88.0	0.625	S3
0830176	13516A	3.0-16 1/8-5/8	3/8-24UNF	53.0	88.0	0.625	S3
0830177	13516B	3.0-16 1/8-5/8	5/8-16UNF	53.0	88.0	0.625	S3
0830178	13610	1.5-10 1/32-3/8	M12x1.25	34.0	60.0	0.160	S1
0830180	13613	1.5-13 1/16-1/2	M12x1.25	43.0	75.0	0.305	S2
0830183	13616	3.0-16 1/8-5/8	M12x1.25	53.0	88.0	0.625	S3



Key

Type: T

Item No.	L1 mm	L2 mm	D mm	Kg
0830900	32	56	3.17	0.15
0830901	32	60	6	0.25
0830902	30	56	5	0.25
0830903	39	80	6	0.45



Type: P

Item No.	L1 mm	L2 mm	D mm	Kg
0830920	44	85	8	.125
0830921	60	125	9	.185
0830922	45	82	6	.120



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