

JAVELIN





EDGE GROUND HSS - TWIST DRILL

DIN 338 TYPE N

LIGHT INDUSTRIAL

MATERIAL	:	HSS SILVER
TOLERANCE	:	H8
POINT ANGLE	:	118°
WEB THICKNESS	:	STANDARD
WEB TAPER	:	STANDARD
HELIX ANGLE	:	STANDARD
SHAPE OF FLUTE	:	STANDARD
CONSTRUCTION TO	:	DIN 338

- EDGE GROUND
- PRECISE CENTRICITY
- HIGH RESISTANCE AGAINST BREAKING FORCE
- OPTIMAL CHIP REMOVAL
- SUITABLE FOR STANDARD DRILLING IN ALL COMMON MATERIALS
- DESIGNED TO DRILL STEEL & STEEL ALLOYS, SINTERED IRON, GRAPHITE, BRONZE & BRASS IRON
- COOLANT RECOMMENDED

PACKAGING	PLASTIC HOLDER	1.0mm TO 6.8mm	10 PIECES
		7.0mm TO 14.0mm	5 PIECES
	SLEEVE	1.0mm TO 3.5mm	2 PIECES
		3.8mm TO 14.0mm	1 PIECE



PART NUMBER BULK	SIZE mm	TOTAL LENGTH	WORKING LENGTH	PART NUMBER SLEEVE
DRIL-HG-1.0	1.0	34	12	DRIL-HGS-1.0
DRIL-HG-1.2	1.2	38	16	DRIL-HGS-1.2
DRIL-HG-1.5	1.5	40	18	DRIL-HGS-1.5
DRIL-HG-1.8	1.8	46	22	DRIL-HGS-1.8
DRIL-HG-2.0	2.0	49	24	DRIL-HGS-2.0
DRIL-HG-2.2	2.2	53	27	DRIL-HGS-2.2
DRIL-HG-2.5	2.5	57	30	DRIL-HGS-2.5
DRIL-HG-3.0	3.0	61	33	DRIL-HGS-3.0
DRIL-HG-3.2	3.2	65	36	DRIL-HGS-3.2
DRIL-HG-3.5	3.5	70	39	DRIL-HGS-3.5
DRIL-HG-3.8	3.8	75	43	DRIL-HGS-3.8
DRIL-HG-4.0	4.0	75	43	DRIL-HGS-4.0
DRIL-HG-4.2	4.2	75	43	DRIL-HGS-4.2
DRIL-HG-4.5	4.5	80	47	DRIL-HGS-4.5
DRIL-HG-4.8	4.8	86	52	DRIL-HGS-4.8
DRIL-HG-4.9	4.9	86	52	DRIL-HGS-4.9
DRIL-HG-5.0	5.0	86	52	DRIL-HGS-5.0
DRIL-HG-5.2	5.2	86	52	DRIL-HGS-5.2
DRIL-HG-5.5	5.5	93	57	DRIL-HGS-5.5

PART NUMBER BULK	SIZE mm	TOTAL LENGTH	WORKING LENGTH	PART NUMBER SLEEVE
DRIL-HG-5.8	5.8	93	57	DRIL-HGS-5.8
DRIL-HG-6.0	6.0	93	57	DRIL-HGS-6.0
DRIL-HG-6.2	6.2	101	63	DRIL-HGS-6.2
DRIL-HG-6.5	6.5	101	63	DRIL-HGS-6.5
DRIL-HG-6.8	6.8	109	69	DRIL-HGS-6.8
DRIL-HG-7.0	7.0	109	69	DRIL-HGS-7.0
DRIL-HG-7.5	7.5	109	69	DRIL-HGS-7.5
DRIL-HG-8.0	8.0	117	75	DRIL-HGS-8.0
DRIL-HG-8.5	8.5	117	75	DRIL-HGS-8.5
DRIL-HG-9.0	9.0	125	81	DRIL-HGS-9.0
DRIL-HG-9.5	9.5	125	81	DRIL-HGS-9.5
DRIL-HG-10.0	10.0	133	87	DRIL-HGS-10.0
DRIL-HG-10.5	10.5	133	87	DRIL-HGS-10.5
DRIL-HG-11.0	11.0	142	94	DRIL-HGS-11.0
DRIL-HG-11.5	11.5	142	94	DRIL-HGS-11.5
DRIL-HG-12.0	12.0	151	101	DRIL-HGS-12.0
DRIL-HG-12.5	12.5	151	101	DRIL-HGS-12.5
DRIL-HG-13.0	13.0	151	101	DRIL-HGS-13.0
DRIL-HG-13.5	13.5	160	108	DRIL-HGS-13.5
DRIL-HG-14.0	14.0	160	108	DRIL-HGS-14.0
DRIL-HGZ-001	1.0-10.0mm	19 Pce Edge Ground Drill Set Metal Case		
DRIL-HGZ-002	1.0-13.0mm	25 Pce Edge Ground Drill Set Metal Case		

FULLY GROUND HSS - G TWIST DRILL DIN 338 TYPE N

INDUSTRIAL 

MATERIAL	:	HSS-BRIGHT FINISH
TOLERANCE	:	H8
POINT GRINDING	:	TAPERED FINISH
POINT ANGLE	:	135°
WEB THICKNESS	:	DIN 1412 FORM A
WEB THICKNESS	:	STANDARD
WEB TAPER	:	STANDARD
HELIX ANGLE	:	20° - 30°
CONSTRUCTION TO	:	DIN 1412 FORM A
HARDNESS	:	63 - 66HRC

- HIGH ACCURACY
- HIGH SAFETY AGAINST RUPTURE
- GROUND FROM SOLID MATERIAL
- HIGH HEAT RESISTANCE
- LONG TOOL LIFE
- DESIGNED TO DRILL MOST STEELS - ALLOYED & UNALLOYED
- COOLANT RECOMMENDED
- FOR INDUSTRIAL USE

PACKAGING	PLASTIC HOLDER	1.0mm TO 6.8mm	10 PIECES
		7.0mm TO 14.0mm	5 PIECES
	SLEEVE	1.0mm TO 3.5mm	2 PIECES
		3.6mm TO 14.0mm	1 PIECE



PART NUMBER BULK	SIZE mm	TOTAL LENGTH	WORKING LENGTH	PART NUMBER SLEEVE
DRIL-FGS-1.0	1.0	34	12	DRIL-FGS-S-1.0
DRIL-FGS-1.2	1.2	38	16	DRIL-FGS-S-1.2
DRIL-FGS-1.5	1.5	40	18	DRIL-FGS-S-1.5
DRIL-FGS-1.6	1.6	43	20	DRIL-FGS-S-1.6
DRIL-FGS-1.7	1.7	43	20	DRIL-FGS-S-1.7
DRIL-FGS-1.8	1.8	46	22	DRIL-FGS-S-1.8
DRIL-FGS-1.9	1.9	46	22	DRIL-FGS-S-1.9
DRIL-FGS-2.0	2.0	49	24	DRIL-FGS-S-2.0
DRIL-FGS-2.1	2.1	49	24	DRIL-FGS-S-2.1
DRIL-FGS-2.2	2.2	53	27	DRIL-FGS-S-2.2
DRIL-FGS-2.3	2.3	53	27	DRIL-FGS-S-2.3
DRIL-FGS-2.4	2.4	57	30	DRIL-FGS-S-2.4
DRIL-FGS-2.5	2.5	57	30	DRIL-FGS-S-2.5
DRIL-FGS-2.7	2.7	61	33	DRIL-FGS-S-2.7
DRIL-FGS-2.8	2.8	61	33	DRIL-FGS-S-2.8
DRIL-FGS-2.9	2.9	61	33	DRIL-FGS-S-2.9
DRIL-FGS-3.0	3.0	61	33	DRIL-FGS-S-3.0
DRIL-FGS-3.1	3.1	65	36	DRIL-FGS-S-3.1
DRIL-FGS-3.2	3.2	65	36	DRIL-FGS-S-3.2
DRIL-FGS-3.3	3.3	65	36	DRIL-FGS-S-3.3
DRIL-FGS-3.4	3.4	70	39	DRIL-FGS-S-3.4
DRIL-FGS-3.5	3.5	70	39	DRIL-FGS-S-3.5
DRIL-FGS-3.6	3.6	70	39	DRIL-FGS-S-3.6
DRIL-FGS-3.8	3.8	75	43	DRIL-FGS-S-3.8
DRIL-FGS-3.9	3.9	75	43	DRIL-FGS-S-3.9



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**FULLY GROUND HSS - G TWIST DRILL****DIN 338 TYPE N continued****INDUSTRIAL**

PART NUMBER BULK	SIZE mm	TOTAL LENGTH	WORKING LENGTH	PART NUMBER SLEEVE
DRIL-FGS-4.0	4.0	75	43	DRIL-FGS-S-4.0
DRIL-FGS-4.1	4.1	75	43	DRIL-FGS-S-4.1
DRIL-FGS-4.2	4.2	75	43	DRIL-FGS-S-4.2
DRIL-FGS-4.3	4.3	80	47	DRIL-FGS-S-4.3
DRIL-FGS-4.5	4.5	80	47	DRIL-FGS-S-4.5
DRIL-FGS-4.6	4.6	80	47	DRIL-FGS-S-4.6
DRIL-FGS-4.7	4.7	80	47	DRIL-FGS-S-4.7
DRIL-FGS-4.8	4.8	86	52	DRIL-FGS-S-4.8
DRIL-FGS-4.9	4.9	86	52	DRIL-FGS-S-4.9
DRIL-FGS-5.0	5.0	86	52	DRIL-FGS-S-5.0
DRIL-FGS-5.1	5.1	86	52	DRIL-FGS-S-5.1
DRIL-FGS-5.2	5.2	86	52	DRIL-FGS-S-5.2
DRIL-FGS-5.5	5.5	93	57	DRIL-FGS-S-5.5
DRIL-FGS-5.6	5.6	93	57	DRIL-FGS-S-5.6
DRIL-FGS-5.8	5.8	93	57	DRIL-FGS-S-5.8
DRIL-FGS-5.9	5.9	93	57	DRIL-FGS-S-5.9
DRIL-FGS-6.0	6.0	93	57	DRIL-FGS-S-6.0
DRIL-FGS-6.1	6.1	101	63	DRIL-FGS-S-6.1
DRIL-FGS-6.2	6.2	101	63	DRIL-FGS-S-6.2
DRIL-FGS-6.3	6.3	101	63	DRIL-FGS-S-6.3
DRIL-FGS-6.4	6.4	101	63	DRIL-FGS-S-6.4
DRIL-FGS-6.5	6.5	101	63	DRIL-FGS-S-6.5
DRIL-FGS-6.6	6.6	101	63	DRIL-FGS-S-6.6
DRIL-FGS-6.8	6.8	109	69	DRIL-FGS-S-6.8
DRIL-FGS-7.0	7.0	109	69	DRIL-FGS-S-7.0
DRIL-FGS-7.2	7.2	109	69	DRIL-FGS-S-7.2
DRIL-FGS-7.5	7.5	109	69	DRIL-FGS-S-7.5
DRIL-FGS-7.7	7.7	117	75	DRIL-FGS-S-7.7
DRIL-FGS-7.8	7.8	117	75	DRIL-FGS-S-7.8
DRIL-FGS-7.9	7.9	117	75	DRIL-FGS-S-7.9
DRIL-FGS-8.0	8.0	117	75	DRIL-FGS-S-8.0
DRIL-FGS-8.2	8.2	117	75	DRIL-FGS-S-8.2
DRIL-FGS-8.3	8.3	117	75	DRIL-FGS-S-8.3
DRIL-FGS-8.5	8.5	117	75	DRIL-FGS-S-8.5
DRIL-FGS-8.6	8.6	125	81	DRIL-FGS-S-8.6
DRIL-FGS-9.0	9.0	125	81	DRIL-FGS-S-9.0
DRIL-FGS-9.2	9.2	125	81	DRIL-FGS-S-9.2
DRIL-FGS-9.5	9.5	125	81	DRIL-FGS-S-9.5
DRIL-FGS-9.6	9.6	125	81	DRIL-FGS-S-9.6
DRIL-FGS-9.8	9.8	133	87	DRIL-FGS-S-9.8
DRIL-FGS-10.0	10.0	133	87	DRIL-FGS-S-10.0
DRIL-FGS-10.1	10.1	133	87	DRIL-FGS-S-10.1
DRIL-FGS-10.2	10.2	133	87	DRIL-FGS-S-10.2
DRIL-FGS-10.5	10.5	133	87	DRIL-FGS-S-10.5
DRIL-FGS-11.0	11.0	142	94	DRIL-FGS-S-11.0

PART NUMBER BULK	SIZE mm	TOTAL LENGTH	WORKING LENGTH	PART NUMBER SLEEVE
DRIL-FGS-11.5	11.5	142	94	DRIL-FGS-S-11.5
DRIL-FGS-12.0	12.0	151	101	DRIL-FGS-S-12.0
DRIL-FGS-12.5	12.5	151	101	DRIL-FGS-S-12.5
DRIL-FGS-13.0	13.0	151	101	DRIL-FGS-S-13.0
DRIL-FGS-13.5	13.5	151	101	DRIL-FGS-S-13.5
DRIL-FGS-14.0	14.0	160	108	DRIL-FGS-S-14.0
DRIL-FGZ-001	1.0 TO 10.0mm		19 Pce Fully Ground Drill Set Metal Case	
DRIL-FGZ-002	1.0 TO 13.0mm		25 Pce Fully Ground Drill Set Metal Case	

**JAVELIN**

FULLY GROUND HSS - G TWIST DRILL COBALT

PROFESSIONAL 

MATERIAL	:	HSS CO 5%
TOLERANCE	:	H8
POINT GRINDING	:	TAPERED FINISH
POINT ANGLE	:	135°
WEB THICKNESS	:	DIN 1412 FORM A
WEB THICKNESS	:	STANDARD
WEB TAPER	:	STANDARD
HELIX ANGLE	:	27° - 36°
CONSTRUCTION TO	:	DIN 1412 FORM A
HARDNESS	:	64 - 68HRC

- HIGH ACCURACY
- HIGH SAFETY AGAINST RUPTURE
- GROUND FROM SOLID MATERIAL
- HIGH HEAT RESISTANCE
- LONG TOOL LIFE
- DESIGNED TO DRILL MOST STEEL INCLUDING STAINLESS STEEL, STEEL, HARDWOOD, LAMINATED SOFT WOOD & PLYWOOD
- COOLANT RECOMMENDED
- PROFESSIONAL INDUSTRIAL QUALITY

PACKAGING	PLASTIC HOLDER	1.0mm TO 6.5mm	10 PIECES
		7.0mm TO 13.0mm	5 PIECES



PART NUMBER BULK	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-CH-1.0	1.0	34	12
DRIL-CH-1.5	1.5	40	18
DRIL-CH-2.0	2.0	49	24
DRIL-CH-2.5	2.5	57	30
DRIL-CH-2.8	2.8	61	33
DRIL-CH-3.0	3.0	61	33
DRIL-CH-3.2	3.2	65	36
DRIL-CH-3.5	3.5	70	39
DRIL-CH-4.0	4.0	75	43
DRIL-CH-4.2	4.2	75	43
DRIL-CH-4.5	4.5	80	47
DRIL-CH-4.8	4.8	86	52
DRIL-CH-5.0	5.0	86	52
DRIL-CH-5.5	5.5	93	57
DRIL-CH-5.8	5.8	93	57
DRIL-CH-6.0	6.0	93	57
DRIL-CH-6.5	6.5	101	63
DRIL-CH-7.0	7.0	109	69
DRIL-CH-7.5	7.5	109	69
DRIL-CH-8.0	8.0	117	75
DRIL-CH-8.5	8.5	117	75
DRIL-CH-9.0	9.0	125	81
DRIL-CH-9.5	9.5	125	81
DRIL-CH-10.0	10.0	133	87
DRIL-CH-10.5	10.5	133	87
DRIL-CH-11.0	11.0	142	94

PART NUMBER BULK	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-CH-11.5	11.5	142	94
DRIL-CH-12.0	12.0	151	101
DRIL-CH-12.5	12.5	151	101
DRIL-CH-13.0	13.0	151	101
DRIL-CHZ-001	1.0 TO 10.0mm	19 Pce Cobalt Drill Set Metal Case	
DRIL-CHZ-002	1.0 TO 13.0mm	25 Pce Cobalt Drill Set Metal Case	



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**HSS REDUCED SHANK TWIST DRILL**
REDUCED SHANK**INDUSTRIAL**

MATERIAL	:	HSS
TOLERANCE	:	H8
POINT GRINDING	:	TAPERED FINISH
POINT ANGLE	:	118°
WEB THICKNESS	:	STANDARD
WEB TAPER	:	STANDARD
ANGLE	:	STANDARD
SHAPE OF FLUTE	:	STANDARD
CONSTRUCTION TO	:	DIN 1414

- HIGH PERFORMANCE STANDARD DRILL BIT
- PRECISE CENTRICITY
- REDUCED SHANK ENSURES THAT EVEN LARGER BIT DIAMETERS FIT INTO SMALLER DRILL CHUCKS
- DESIGNED TO DRILL STEEL, IRON, BRONZE & HARDENED PLASTICS

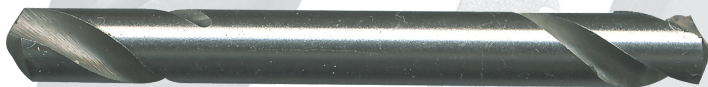
**PACKAGING** PLASTIC TUBE

PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-RS-12.0	12.0	151	121
DRIL-RS-12.5	12.5	151	121
DRIL-RS-13.0	13.0	151	121
DRIL-RS-13.5	13.5	160	130
DRIL-RS-14.0	14.0	160	130
DRIL-RS-14.5	14.5	169	139
DRIL-RS-15.0	15.0	169	139
DRIL-RS-15.5	15.5	178	148
DRIL-RS-16.0	16.0	178	148
DRIL-RS-16.5	16.5	184	154
DRIL-RS-17.0	17.0	184	154
DRIL-RS-17.5	17.5	191	161
DRIL-RS-18.0	18.0	191	161
DRIL-RS-18.5	18.5	198	168
DRIL-RS-19.0	19.0	198	168
DRIL-RS-19.5	19.5	205	175

PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-RS-20.0	20.0	205	175
DRIL-RS-20.5	20.5	160	130
DRIL-RS-21.0	21.0	160	130
DRIL-RS-21.5	21.5	160	130
DRIL-RS-22.0	22.0	160	130
DRIL-RS-22.5	22.5	160	130
DRIL-RS-23.0	23.0	160	130
DRIL-RS-23.5	23.5	160	130
DRIL-RS-24.0	24.0	160	130
DRIL-RS-24.5	24.5	160	130
DRIL-RS-25.0	25.0	160	130

HSS DOUBLE ENDED STUB DRILL
DOUBLE ENDED STUB**INDUSTRIAL**

MATERIAL	:	HSS
TOLERANCE	:	H8
WEB THICKNESS	:	DIN 1412 FORM A
WEB THICKNESS	:	STANDARD
CONSTRUCTION TO	:	DIN 1414
POINT ANGLE	:	135°

PACKAGING PLASTIC HOLDER 3.0mm TO 6.0mm 10 PIECES

- FULLY GROUND
- STRAIGHT SHANK
- SPLIT POINT
- SPECIALLY DEVELOPED FOR USE IN HAND DRILLING MACHINES; FOR DRILLING THIN SHEET METAL i.e. CAR, BUS & TRUCK BODIES

PART NUMBER BULK	SIZE mm	TOTAL LENGTH
DRIL-DE-3.0	3.0	45
DRIL-DE-3.2	3.2	49
DRIL-DE-3.3	3.3	49
DRIL-DE-3.5	3.5	52
DRIL-DE-3.8	3.8	55
DRIL-DE-4.0	4.0	55
DRIL-DE-4.1	4.1	55
DRIL-DE-4.2	4.2	55
DRIL-DE-4.5	4.5	62
DRIL-DE-4.8	4.8	62
DRIL-DE-4.9	4.9	62
DRIL-DE-5.0	5.0	62
DRIL-DE-5.5	5.5	62
DRIL-DE-6.0	6.0	62

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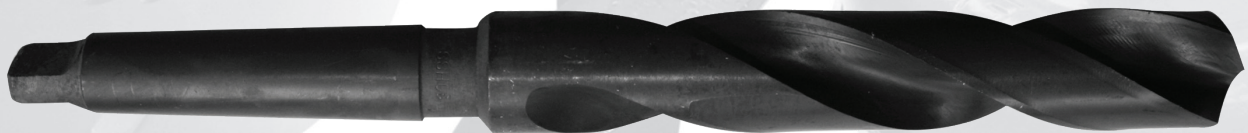
HSS MORSE TAPER SHANK DRILL MORSE TAPER SHANK

INDUSTRIAL 

MATERIAL	:	HSS BLACK
TOLERANCE	:	H8
POINT GRINDING	:	TAPERED FINISH
POINT ANGLE	:	118°
WEB THICKNESS	:	DIN 1412 FORM A
WEB THICKNESS	:	STANDARD
WEB TAPER	:	STANDARD
ANGLE	:	STANDARD
SHAPE OF FLUTE	:	STANDARD
CONSTRUCTION TO	:	DIN 1414

- HIGH PERFORMANCE
- PRECISION DRILLING FOR LARGER HOLES
- GOOD CHIP REMOVAL
- REDUCED TENDENCY FOR MATERIAL BUILD UP
- DESIGNED TO DRILL STEEL, ALLOYED & UNALLOYED, GREY CAST IRON & BRONZE

PACKAGING	PLASTIC TUBE
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PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH	MORSE TAPER SHANK
DRIL-MTS-10.0	10.0	168	87	1
DRIL-MTS-10.5	10.5	168	87	1
DRIL-MTS-12.0	12.0	182	101	1
DRIL-MTS-12.5	12.5	182	101	1
DRIL-MTS-13.0	13.0	182	101	1
DRIL-MTS-13.5	13.5	189	108	1
DRIL-MTS-14.0	14.0	189	108	1
DRIL-MTS-14.5	14.5	212	114	2
DRIL-MTS-15.0	15.0	212	114	2
DRIL-MTS-15.5	15.5	218	120	2
DRIL-MTS-16.0	16.0	218	120	2
DRIL-MTS-16.5	16.5	223	125	2
DRIL-MTS-17.0	17.0	223	125	2
DRIL-MTS-17.5	17.5	228	130	2
DRIL-MTS-18.0	18.0	228	130	2
DRIL-MTS-18.5	18.5	233	135	2
DRIL-MTS-19.0	19.0	233	135	2
DRIL-MTS-19.5	19.5	238	140	2
DRIL-MTS-20.0	20.0	238	140	2
DRIL-MTS-20.5	20.5	243	145	2
DRIL-MTS-21.0	21.0	243	145	2
DRIL-MTS-21.5	21.5	248	150	2
DRIL-MTS-22.0	22.0	248	150	2
DRIL-MTS-22.5	22.5	253	155	2
DRIL-MTS-23.0	23.0	253	155	3
DRIL-MTS-23.5	23.5	276	155	3
DRIL-MTS-24.0	24.0	281	160	3
DRIL-MTS-24.5	24.5	281	160	3

PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH	MORSE TAPER SHANK
DRIL-MTS-25.0	25.0	281	160	3
DRIL-MTS-25.5	25.5	281	165	3
DRIL-MTS-26.0	26.0	286	165	3
DRIL-MTS-27.0	27.0	291	170	3
DRIL-MTS-27.5	27.5	291	170	3
DRIL-MTS-28.0	28.0	291	170	3
DRIL-MTS-28.5	28.5	296	175	3
DRIL-MTS-29.0	29.0	296	175	3
DRIL-MTS-29.5	29.5	296	175	3
DRIL-MTS-30.0	30.0	296	175	3
DRIL-MTS-31.0	31.0	301	180	3
DRIL-MTS-32.0	32.0	334	185	4
DRIL-MTS-34.0	34.0	339	190	4
DRIL-MTS-35.0	35.0	339	190	4
DRIL-MTS-40.0	40.0	349	200	4
DRIL-MTS-45.0	45.0	359	210	4
DRIL-MTS-50.0	50.0	369	220	4



MASONRY DRILL

MASONRY/CONCRETE DRILL

PROFESSIONAL

- HIGH QUALITY TUNGSTEN TIP
- A DRILL BIT FOR THE TOUGHEST APPLICATION
- SAND BLASTED FINISH
- HIGH PERFORMANCE
- THE DESIGN OFFERS SPEEDY PENETRATION & LONG LIFE EXPECTANCY
- THE SPIRAL FLUTE ENSURES RAPID REMOVAL OF DUST & DEBRIS
- FOR USE ON ALL LIGHT & HEAVY DUTY HAMMER DRILLS WITH 2 & 3 JAW CHUCK
- DESIGNED TO DRILL CONCRETE, MASONRY BRICKS & NATURAL STONE

PACKAGING	SLEEVE
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PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-SB-3x60	3.0 x 60	60	30
DRIL-SB-4x75	4.0 x 75	75	40
DRIL-SB-4.5x75	4.5 x 75	75	40
DRIL-SB-5x85	5.0 x 85	85	50
DRIL-SB-5.5x100	5.5 x 100	100	60
DRIL-SB-6x100	6.0 x 100	100	60
DRIL-SB-6.5x100	6.5 x 100	100	60
DRIL-SB-7x100	7.0 x 100	100	60
DRIL-SB-7.5x100	7.5 x 100	100	60
DRIL-SB-8x120	8.0 x 120	120	80
DRIL-SB-8.5x120	8.5 x 120	120	80
DRIL-SB-9x120	9.0 x 120	120	80
DRIL-SB-10x120	10.0 x 120	120	80
DRIL-SB-11x150	11.0 x 150	150	90
DRIL-SB-12x150	12.0 x 150	150	90
DRIL-SB-13x150	13.0 x 150	150	90
DRIL-SB-14x150	14.0 x 150	150	90
DRIL-SB-15x150	15.0 x 150	150	90
DRIL-SB-16x160	16.0 x 160	160	90
DRIL-SB-18x160	18.0 x 160	160	90
DRIL-SB-19x160	19.0 x 160	160	90
DRIL-SB-20x160	20.0 x 160	160	90
DRIL-SB-22x160	22.0 x 160	160	90
DRIL-SB-24x160	24.0 x 160	160	90
DRIL-SB-25x160	25.0 x 160	160	90
DRIL-SB-6x400	6.0 x 400	400	300
DRIL-SB-8x400	8.0 x 400	400	300
DRIL-SB-10x400	10.0 x 400	400	300
DRIL-SB-12x400	12.0 x 400	400	300
DRIL-SB-13x400	13.0 X 400	400	300
DRIL-SB-14x400	14.0 x 400	400	300
DRIL-SB-16x400	16.0 x 400	400	300

PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-SB-18x400	18.0 x 400	400	300
DRIL-SB-19x400	19.0 x 400	400	300
DRIL-SB-20x400	20.0 x 400	400	300
DRIL-SB-22x400	22.0 X 400	400	300
DRIL-SB-25x400	25.0 x 400	400	300
DRIL-Z-007	4,5,6,8, 10.0mm	5 Pce Masonry/Concrete Drill Set Plastic Case	
DRIL-Z-008	3,4,5,6,7,8, 9,10.0mm	8 Pce Masonry/Concrete Drill Set Plastic Case	



JAVELIN

SDS PLUS DRILL SDS PLUS

PROFESSIONAL 

- HIGH QUALITY TUNGSTEN TIP
- SAND BLASTED FINISH
- THE 4 FLUTE SHAFT SPIRAL STABILIZES THE DRILL BIT
- FOR EASIER DRILLING WITH REDUCED STRAIN ON BOTH POWER TOOL & OPERATOR
- DEBRIS & DUST ARE QUICKLY REMOVED
- DESIGNED TO DRILL CONCRETE, BRICK, MASONRY & NATURAL STONE

PACKAGING	SLEEVE
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PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-S-4x110	4.0 x 110	110	40
DRIL-S-5x110	5.0 x 110	110	40
DRIL-S-5.5x110	5.5 x 110	110	40
DRIL-S-6x110	6.0 x 110	110	40
DRIL-S-8x110	8.0 x 110	110	40
DRIL-S-12x110	12.0 x 110	110	40
DRIL-S-4x160	4.0 x 160	160	80.5
DRIL-S-5x160	5.0 x 160	160	80.5
DRIL-S-5.5x160	5.5 x 160	160	80.5
DRIL-S-6x160	6.0 x 160	160	80.5
DRIL-S-6.5x160	6.5 x 160	160	80.5
DRIL-S-7x160	7.0 x 160	160	80.5
DRIL-S-7.5x160	7.5 x 160	160	80.5
DRIL-S-8x160	8.0 x 160	160	80.5
DRIL-S-10x160	10.0 x 160	160	80.5
DRIL-S-12x160	12.0 x 160	160	80.5
DRIL-S-14x160	14.0 x 160	160	80.5
DRIL-S-16x160	16.0 x 160	160	80.5
DRIL-S-5x210	5.0 x 210	210	130
DRIL-S-6x210	6.0 x 210	210	130
DRIL-S-8x210	8.0 x 210	210	130
DRIL-S-9x210	9.0 x 210	210	130
DRIL-S-10x210	10.0 x 210	210	130
DRIL-S-12x210	12.0 x 210	210	130

PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-S-14x210	14.0 x 210	210	130
DRIL-S-16x210	16.0 x 210	210	130
DRIL-S-18x210	18.0 x 210	210	130
DRIL-S-20x210	20.0 x 210	210	130
DRIL-S-22x210	22.0 x 210	210	130
DRIL-S-6x260	6.0 x 260	260	180
DRIL-S-8x260	8.0 x 260	260	180
DRIL-S-10x260	10.0 x 260	260	180
DRIL-S-12x260	12.0 x 260	260	180
DRIL-S-13x260	13.0 x 260	260	180
DRIL-S-14x260	14.0 x 260	260	180
DRIL-S-16x260	16.0 x 260	260	180
DRIL-S-18x260	18.0 x 260	260	180
DRIL-S-19x260	19.0 x 260	260	180
DRIL-S-20x260	20.0 x 260	260	180
DRIL-S-22x260	22.0 x 260	260	180
DRIL-S-25x260	25.0 x 260	260	180
DRIL-S-8x310	8.0 x 310	310	230

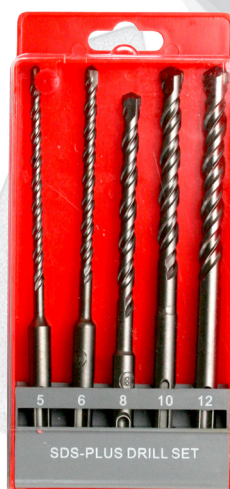
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JAVELIN

**SDS PLUS DRILL****SDS PLUS continued****PROFESSIONAL**

PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-S-10x310	10.0 x 310	310	230
DRIL-S-12x310	12.0 x 310	310	230
DRIL-S-14x310	14.0 x 310	310	230
DRIL-S-16x310	16.0 x 310	310	230
DRIL-S-18x310	18.0 x 310	310	230
DRIL-S-19x310	19.0 x 310	310	230
DRIL-S-20x310	20.0 x 310	310	230
DRIL-S-22x310	22.0 x 310	310	230
DRIL-S-10x350	10.0 x 350	350	270
DRIL-S-11x350	11.0 x 350	350	270
DRIL-S-13x350	13.0 x 350	350	270
DRIL-S-14x350	14.0 x 350	350	270
DRIL-S-19x350	19.0 x 350	350	270
DRIL-S-20x350	20.0 x 350	350	270
DRIL-S-22x350	22.0 x 350	350	270
DRIL-S-10x400	10.0 x 400	400	320
DRIL-S-12x400	12.0 x 400	400	320
DRIL-S-14x400	14.0 x 400	400	320
DRIL-S-16x400	16.0 x 400	400	320
DRIL-S-18x400	18.0 x 400	400	320
DRIL-S-20x400	20.0 x 400	400	320
DRIL-S-22x400	22.0 x 400	400	320
DRIL-S-25x400	25.0 x 400	400	320
DRIL-S-8x450	8.0 x 450	450	370
DRIL-S-10x450	10.0 x 450	450	370
DRIL-S-11x450	11.0 x 450	450	370
DRIL-S-12x450	12.0 x 450	450	370
DRIL-S-13x450	13.0 x 450	450	370
DRIL-S-14x450	14.0 x 450	450	370
DRIL-S-16x450	16.0 x 450	450	370
DRIL-S-18x450	18.0 x 450	450	370
DRIL-S-20x450	20.0 x 450	450	370

PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-S-22x450	22.0 x 450	450	370
DRIL-S-24x450	24.0 x 450	450	370
DRIL-S-25x450	25.0 x 450	450	370
DRIL-S-26x450	26.0 x 450	450	370
DRIL-Z-009	5 x 160mm 6 x 160mm 8 x 160mm 10 x 160mm 12 x 160mm		5 Pce SDS Plus Drill Set Plastic Case
DRIL-Z-011	5 x 110mm 6 x 110mm 8 x 110mm 6 x 160mm 8 x 160mm 10 x 160mm 12 x 160mm		7 Pce SDS Plus Drill Set Metal Case

**JAVELIN ADAPTOR****SDS-PLUS 1/2"**

- SDS-PLUS 3-JAV CHUCK ADAPTOR WITH INTERNAL THREAD
- FOR ROTARY HAMMERS WITH SDS-PLUS OR 2-SLOT RECEPTION (TE-SYSTEM)
- SDS-PLUS SHANK FOR DRILL CHUCK INCLUDING SCREW
- ADAPTOR FOR 3-JAW CHUCK WITH SDS-PLUS SHANK

PACKAGING	HANG PACK
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PART NUMBER	SIZE
SDS-A-1/2X20	1/2"X20

**JAVELIN**

SDS MAX DRILL QUAD POWER SDS MAX CROSS CUTTER

PROFESSIONAL 

- FOR ROTARY HAMMER DRILLS WITH SDS MAX CHUCK
- HIGH QUALITY 4 CUTTER HEAD CONSTRUCTION
- GUIDES THE DRILL CENTRICALLY IN THE HOLE
- THE SPIRAL FLUTE ENSURES RAPID REMOVAL OF DUST & DEBRIS
- THE DESIGN OF THE DRILL REDUCES VIBRATION
- DESIGNED TO DRILL CONCRETE, MASONRY & NATURAL STONE

PACKAGING PLASTIC TUBE



PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-SM4-10x280	10.0 x 280	280	130
DRIL-SM4-12x280	12.0 x 280	280	130
DRIL-SM4-14x280	14.0 x 280	280	130
DRIL-SM4-16x280	16.0 x 280	280	130
DRIL-SM4-18x280	18.0 x 280	280	130
DRIL-SM4-20x280	20.0 x 280	280	130
DRIL-SM4-22x280	22.0 x 280	280	130
DRIL-SM4-24x280	24.0 x 280	280	130
DRIL-SM4-25x280	25.0 x 280	280	130
DRIL-SM4-26x280	26.0 x 280	280	130
DRIL-SM4-28x280	28.0 x 280	280	130
DRIL-SM4-30x280	30.0 x 280	280	130
DRIL-SM4-32x280	32.0 x 280	280	130
DRIL-SM4-35x280	35.0 x 280	280	130
DRIL-SM4-38x280	38.0 x 280	280	130
DRIL-SM4-10x340	10.0 x 340	340	190
DRIL-SM4-12x340	12.0 x 340	340	190
DRIL-SM4-14x340	14.0 x 340	340	190
DRIL-SM4-16x340	16.0 x 340	340	190
DRIL-SM4-18x340	18.0 x 340	340	190
DRIL-SM4-20x340	20.0 x 340	340	190
DRIL-SM4-22x340	22.0 x 340	340	190
DRIL-SM4-24x340	24.0 x 340	340	190
DRIL-SM4-25x340	25.0 x 340	340	190
DRIL-SM4-26x340	26.0 x 340	340	190
DRIL-SM4-28x340	28.0 x 340	340	190
DRIL-SM4-30x340	30.0 x 340	340	190
DRIL-SM4-32x340	32.0 x 340	340	190
DRIL-SM4-35x340	35.0 x 340	340	190
DRIL-SM4-38x340	38.0 x 340	340	190
DRIL-SM4-30x370	30.0 x 370	370	230
DRIL-SM4-40x370	40.0 x 370	370	230
DRIL-SM4-10x400	10.0 x 400	400	250
DRIL-SM4-12x400	12.0 x 400	400	250
DRIL-SM4-14x400	14.0 x 400	400	250
DRIL-SM4-16x400	16.0 x 400	400	250
DRIL-SM4-18x400	18.0 x 400	400	250
DRIL-SM4-20x400	20.0 x 400	400	250
DRIL-SM4-22x400	22.0 x 400	400	250
DRIL-SM4-25x400	25.0x400	400	250
DRIL-SM4-28x400	28.0x400	400	250
DRIL-SM4-30x400	30.0x400	400	250

PART NUMBER	SIZE mm	TOTAL LENGTH	WORKING LENGTH
DRIL-SM4-32x400	32.0 x 400	400	250
DRIL-SM4-35x400	35.0 x 400	400	250
DRIL-SM4-38x400	38.0 x 400	400	250
DRIL-SM4-40x400	40.0 x 400	400	250
DRIL-SM4-24x450	24.0 x 450	450	295
DRIL-SM4-10x505	10.0 x 505	505	340
DRIL-SM4-12x505	12.0 x 505	505	340
DRIL-SM4-14x505	14.0 x 505	505	340
DRIL-SM4-16x505	16.0 x 505	505	340
DRIL-SM4-18x505	18.0 x 505	505	340
DRIL-SM4-20x505	20.0 x 505	505	340
DRIL-SM4-22x505	22.0 x 505	505	340
DRIL-SM4-25x505	25.0 x 505	505	340
DRIL-SM4-28x505	28.0 x 505	505	340
DRIL-SM4-30x505	30.0 x 505	505	340
DRIL-SM4-32x505	32.0 x 505	505	340
DRIL-SM4-35x505	35.0 x 505	505	340
DRIL-SM4-38x505	38.0 x 505	505	340
DRIL-SM4-40x505	40.0 x 505	505	340
DRIL-SM4-12x570	12.0 x 570	570	435
DRIL-SM4-14x570	14.0 x 570	570	435
DRIL-SM4-16x570	16.0 x 570	570	435
DRIL-SM4-18x570	18.0 x 570	570	435
DRIL-SM4-20x570	20.0 x 570	570	435
DRIL-SM4-22x570	22.0 x 570	570	435
DRIL-SM4-24x570	24.0 x 570	570	435
DRIL-SM4-25x570	25.0 x 570	570	435
DRIL-SM4-26x570	26.0 x 570	570	435
DRIL-SM4-28x570	28.0 x 570	570	435
DRIL-SM4-30x570	30.0 x 570	570	435
DRIL-SM4-32x570	32.0 x 570	570	435
DRIL-SM4-35x570	35.0 x 570	570	435
DRIL-SM4-38x570	38.0 x 570	570	435
DRIL-SM4-40x570	40.0 x 570	570	435
DRIL-SM420x1000	20.0 x 1000	1000	830
DRIL-SM422x1000	22.0 x 1000	1000	830
DRIL-SM425x1000	25.0 x 1000	1000	830
DRIL-SM428x1000	28.0 x 1000	1000	830
DRIL-SM430x1000	30.0 x 1000	1000	830
DRIL-SM432x1000	32.0 x 1000	1000	830



FLAT BIT

DIY INDUSTRIAL

- GROUND POINT & CUTTING EDGES, HEX SHANK
- DESIGNED TO DRILL SOFT WOOD, HARD WOOD & PLASTERBOARD
- 400mm LENGTH AVAILABLE ON REQUEST



PACKAGING	SLEEVE
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PART NUMBER	SIZE mm	TOTAL LENGTH
DRIL-FB-6.0	6.0	155
DRIL-FB-8.0	8.0	155
DRIL-FB-10.0	10.0	155
DRIL-FB-11.0	11.0	155
DRIL-FB-12.0	12.0	155
DRIL-FB-13.0	13.0	155
DRIL-FB-14.0	14.0	155
DRIL-FB-16.0	16.0	155
DRIL-FB-17.0	17.0	155
DRIL-FB-18.0	18.0	155

PART NUMBER	SIZE mm	TOTAL LENGTH
DRIL-FB-19.0	19.0	155
DRIL-FB-20.0	20.0	155
DRIL-FB-22.0	22.0	155
DRIL-FB-24.0	24.0	155
DRIL-FB-25.0	25.0	155
DRIL-FB-28.0	28.0	155
DRIL-FB-30.0	30.0	155
DRIL-FB-32.0	32.0	155
DRIL-FB-35.0	35.0	155
DRIL-FB-38.0	38.0	155
DRIL-FB-40.0	40.0	155

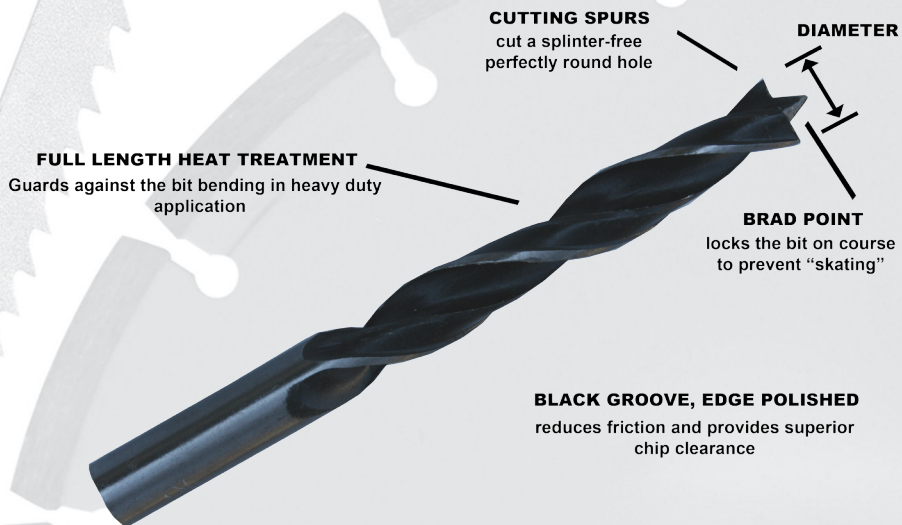
BRAD POINT WOOD BIT

DIY INDUSTRIAL

- USED TO CUT A SPLINTER-FREE, PERFECTLY ROUND HOLE
- THE BRAD POINT LOCKS THE BIT ON COURSE TO PREVENT "SKATING"
- THE BLACK GROOVE & POLISHED EDGE REDUCES FRICTION & PROVIDES SUPERIOR CHIP CLEARANCE
- FULL LENGTH HEAT TREATMENT GUARDS AGAINST THE BIT BENDING IN HEAVY-DUTY APPLICATION
- SUITABLE FOR ALL PORTABLE DRILLS

PACKAGING	SLEEVE
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PART NUMBER	SIZE mm	TOTAL LENGTH
DRIL-WB-3.0	3.0	59
DRIL-WB-4.0	4.0	74
DRIL-WB-5.0	5.0	82
DRIL-WB-6.0	6.0	88
DRIL-WB-8.0	8.0	110
DRIL-WB-10.0	10.0	115
DRIL-WB-12.0	12.0	135
DRIL-WB-14.0 (RS)	14.0	145
DRIL-WB-16.0 (RS)	16.0	160
DRIL-WB-18.0 (RS)	18.0	160
DRIL-WB-19.0 (RS)	19.0	176



GLASS & TILE DRILL BIT

- THE IDEAL DRILLING SOLUTION FOR DRILLING INTO GLASS & TILE SURFACES DUE TO THE SHAPE OF THE CARBIDE TIP
- TO IMPROVE THE DRILLING RESULT, REDUCE DRILL ROTATION SPEED (RPM) & USE WATER, TURPENTINE OR PARAFFIN TO ASSIST WITH COOLING
- ENSURE THAT YOU TURN OFF HAMMER ACTION BEFORE DRILLING
- DESIGNED TO DRILL GLASS, TILES, CERAMICS & MIRROR GLASS

PACKAGING	SLEEVE
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PART NUMBER	SIZE mm
DRIL-GT-003	3.0
DRIL-GT-004	4.0
DRIL-GT-005	5.0

PART NUMBER	SIZE mm
DRIL-GT-006	6.0
DRIL-GT-008	8.0

PART NUMBER	SIZE mm
DRIL-GT-010	10.0
DRIL-GT-012	12.0

DRILL CHUCKS

DRILL CHUCK AND KEY

PACKAGING	BLISTER PACK
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PART NUMBER	SHANK	SIZE mm
CHK-1.5-10	3/8" - 24" UNF	1.5-10
CHK-1.5-13	1/2" - 20" UNF	1.5-13
CHK-1.5-16	1/2" - 20" UNF	1.5-16



CHUCK KEY

PACKAGING	BLISTER PACK
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PART NUMBER	DESCRIPTION	SIZE mm
KEY-10	CHUCK KEY	10
KEY-13	CHUCK KEY	13
KEY-16	CHUCK KEY	16



**BITS & BIT HOLDERS**

PACKAGING	PLASTIC HANG PACK
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PART NUMBER	SIZE mm	PACK SIZE
BIT-PH1X25	1X25	20 PER BOX
BIT-PH1X50	1X50	10 PER BOX
BIT-PH2X25	2X25	20 PER BOX
BIT-PH2X50	2X50	10 PER BOX

PART NUMBER	SIZE mm	PACK SIZE
BIT-PZ1X25	1X25	20 PER BOX
BIT-PZ1X50	1X50	10 PER BOX
BIT-PZ2X25	2X25	20 PER BOX
BIT-PZ2X50	2X50	10 PER BOX
BIT-PZ3X25	3X25	20 PER BOX
BIT-PZ3X50	3X50	10 PER BOX

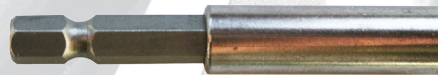


Made from S2 Steel

**MAGNETIC BIT HOLDERS**

PACKAGING	PLASTIC HANG PACK
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PART NUMBER	SIZE	PACK SIZE
BT74UBI	1/4" x 60mm	10 PER BOX
BT74UBI-65UB	1/4" x 65mm	10 PER BOX
BT74UBI-75UB	1/4" x 75mm	10 PER BOX

**MAGNETIC NUT SETTERS**

PACKAGING	PLASTIC HANG PACK
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PART NUMBER	SIZE	PACK SIZE
65MNS41	1/4" X 65mm	10 PER BOX
65MNS165	5/16" X 65mm	10 PER BOX
65MNS83	3/8" X 65mm	5 PER BOX

**GLUE STICKS**

- FOR USE WITH HOT MELT GLUE GUN
- SUITABLE FOR CARDBOARD, PLASTIC, WOOD ETC

PACKAGING	HANG PACK
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PART NUMBER	SIZE	PACK SIZE
GLUE-001	11 x 300mm	1 KG

**JAVELIN**

CUP BRUSH

- FOR LIGHT OR MEDIUM RUST REMOVAL & DEBURRING
- FOR USE ON SINGLE HANDED ANGLE GRINDERS
- TEMPERED STEEL
- FOR REMOVAL OF: CARBON, PAINT, WELDING RUST & OTHER TYPES OF CONTAMINATION

PACKAGING	COLOUR CARTON
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PART NUMBER	SIZE
WB-R-65	65 x M14
WB-R-75	75 x M14
WB-R-100	100 x M14
WB-R-140	140 x M14



STRAIGHT KNOTTED CUP BRUSH

- KNOTTED BRUSH FOR HIGH SPEED HEAVY DUTY ANGLE GRINDERS
- TEMPERED STEEL
- FOR REMOVAL OF: CARBON, PAINT, WELDING RUST & OTHER TYPES OF CONTAMINATION
- HEAVY DUTY CLEANING & BRUSHING OF LARGE SURFACES

PACKAGING	COLOUR CARV TON
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PART NUMBER	SIZE
WB-B-65	65 x M14
WB-B-75	75 x M14
WB-B-100	100 x M14





FLARED KNOTTED CUP BRUSH

- KNOTTED BRUSH FOR HIGH SPEED HEAVY DUTY ANGLE GRINDERS
- TEMPERED STEEL
- FOR REMOVAL OF: CARBON, PAINT, WELDING RUST & OTHER TYPES OF CONTAMINATION
- HEAVY DUTY CLEANING & BRUSHING OF LARGE SURFACES

PACKAGING	COLOUR CARTON
PART NUMBER	SIZE
WB-Y-65	65 x M14
WB-Y-75	75 x M14
WB-Y-100	100 x M14



ROTARY BURRS

TUNGSTEN CARBIDE ROTARY BURRS

- HIGH QUALITY TUNGSTEN CARBIDE BURRS
- CARBIDE ROTARY BURRS ARE USED FOR CUTTING, SHAPING, GRINDING & FOR THE REMOVAL OF SHARP EDGES & EXCESS MATERIAL
- CAN BE USED ON MOST HARD MATERIALS INCLUDING STEEL, ALUMINUM & CAST IRON, STONE, CERAMIC, PORCELAIN, HARD WOOD, ACRYLICS, FIBREGLASS & REINFORCED PLASTICS
- DIFFERENT CUTS OF CARBIDE BURRS WILL BE BEST SUITED TO CERTAIN MATERIALS. MAKING A DECISION ON WHAT SHAPE TO USE WILL ALSO DEPEND ON THE PROFILE OR CUT YOU ARE LOOKING TO ACHIEVE
- CARBIDE BURRS ARE HARDER THAN HSS BURRS

PACKAGING	PLASTIC CONTAINER
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PART NUMBER	DESCRIPTION	SIZE mm
RB-CYL-6-16	A - CYLINDRICAL	6x16x6
RB-CYL-12-25	A - CYLINDRICAL	12x25x6
RB-CYL-B-12-25	B - CYLINDRICAL WITH END CUT	12x25x6
RB-CON-S-6-18	M - CONICAL STRAIGHT	6x18x6
RB-CON-S-12-25	M - CONICAL STRAIGHT	12x25x6
RB-CON-CC-6-18	G - CONICAL CURVE	6x18x6
RB-CON-CC-12-25	G - CONICAL CURVE	12x25x6
RB-RPO-6-16	C - ROUND POINT OVAL	6x16x6
RB-RPO-12-25	C - ROUND POINT OVAL	12x25x6
RB-CON-6-16	L - CONICAL	6x16x6
RB-CON-12-28	L - CONICAL	12x28x6
RB-R-6-10	E - ROUNDED	6x10x6
RB-R-12-20	E - ROUNDED	12x20x6
RB-B-6-10	D - BALL	6x5x6
RB-B-12-20	D - BALL	12x20x6
RB-RP-12-25	F - ROUND POINT	12x25x6



JAVELIN

WHAT IS A DIAMOND BLADE?

A diamond blade is a circular saw blade used for cutting and sawing of abrasive materials.

Diamond blades are commonly used in construction for building, remodeling and repairs, often used for cutting concrete, brick, block, stone and other materials.

A diamond blade has a steel core which is combined with diamond segments

Diamond crystals and powder metal are heated and pressed into a moulding which form the diamond segments, also known as the “cutting teeth” of the blade.

The diamond segments are then welded to the steel core.

HOW TO CHOOSE A DIAMOND BLADE

1. THE PRICE:

Decide which is most important to you: The initial price of the tool or the cost per cut. For small jobs or occasional use, a low-priced tool may be preferable. For larger jobs or regular use, a higher-priced tool will actually be less expensive to use because it will deliver a lower cost per cut. For really big jobs, the lowest possible sawing cost, (cost per metre), is usually much more important than the initial price.

2. WET OR DRY CUTTING:

Choosing wet or dry cutting may be a matter of user preference or job requirement. The use of water requires certain precautions to be taken if electrical equipment is to be used. For concrete floor saws, wet cutting is usually preferred because you can cut deeper when using water as a coolant. For tile and masonry saws, either wet or dry cutting tools can be used. For high-speed cut-off saws, dry tools are more popular, but they are often used wet to control dust. Dry cutting tools may be used either dry or wet, as the job or equipment allows.

3. THE MATERIAL TO BE CUT:

Correctly identifying the material you are going to cut is the most important factor in choosing a tool. It directly affects the cutting speed and the life of the tool. Most tools cut a range of materials. For maximum performance (cutting speed and life), the tool specification must be matched as closely as possible to the material which will be cut most often or the material for which top tool performance is most important.

4. ADDITIONAL USEFUL INFORMATION:

The diamond segment height: Diamond tool segment height by itself is not a true measure of a tool's value. Many other factors also affect the performance of the tool; you should also consider the diamond size, concentration and quality, the hardness of the bond, the cutting power (torque) of the equipment, the segment and slot geometry of the steel centre and how well the blade specification is matched to the material being cut.

WET OR DRY CUTTING?

Diamond tools and blades work best when cutting wet. The water will prevent the blade from overheating, greatly reduce the amount of harmful dust created by cutting, and will remove the slurry from the cut.

Diamond tools cannot withstand the forces involved at the elevated temperatures of dry cutting ceramic and abrasive materials, and will be subject to rapid tool wear and possible failure. Blade life is greatly extended by wet cutting. However, many blades are designed to operate either wet or dry.

When water cannot be used (electrical saws for example), measures should be taken so the operator does not inhale dust created by the process, which poses a very serious health risk.

When doing dry cutting, the blade should be allowed to cool off periodically.

Cooling can be increased by allowing the blade to spin freely out of the cut.

This allows cool air to pass between the segments. Dry diamond cutting is dangerous for persons unfamiliar with the risks and processes.

**SEGMENTED - DRY CUTTING****PROFESSIONAL****Ideal for concrete, brick, tiles, sandstone, & other construction materials**

PACKAGING	BLISTER PACK	
PART NUMBER	SIZE mm	DESCRIPTION
DIA-S-115	115 x 2.0 x 7 x 22.23	SEGMENTED
DIA-S-150	150 x 2.2 x 7 x 22.23	SEGMENTED
DIA-S-230	230 x 2.6 x 7 x 22.23	SEGMENTED
DIA-S-350	350 x 3.2 x 7 x 25.40	SEGMENTED

BULK SEGMENTED BLADES

PACKAGING	CARTON		
PART NUMBER	SIZE mm	DESCRIPTION	PACK SIZE
DIA-BOX-S-115	115 x 2.0 x 7 x 22.23	SEGMENTED	20 per box
DIA-BOX-2-230	230 x 2.6 x 7 x 22.23	SEGMENTED	10 per box

TURBO - WAVE - WET & DRY CUTTING**PROFESSIONAL**

- The design improves safety & dust removal
- For fast & smooth cutting performance
- Ideal for concrete, brick, tiles, sandstone, & other construction materials



PACKAGING	BLISTER PACK	
PART NUMBER	SIZE mm	DESCRIPTION
DIA-TW-115	115 x 2.5 x 7 x 22.23	TURBO - WAVE
DIA-TW-180	180 x 3.0 x 7 x 22.23	TURBO - WAVE
DIA-TW-230	230 x 3.2 x 7 x 22.23	TURBO - WAVE

CONTINUOUS RIM - WET CUTTING**PROFESSIONAL**

- The finer continuous rim design delivers clean chip-free cutting of tiles
- Ideal for tiles & other similar construction materials



PACKAGING	BLISTER PACK	
PART NUMBER	SIZE mm	DESCRIPTION
DIA-CR-115	115 x 2.0 x 5 x 22.23	CONTINUOUS RIM
DIA-CR-125	125 x 2.2 x 5 x 22.23	CONTINUOUS RIM
DIA-CR-230	230 x 2.4 x 5 x 22.23	CONTINUOUS RIM

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THE HOME BLADE

- Ideal for D.I.Y. around the home
- Not for industrial use

Low cost blade - DIY



PACKAGING		HANG PACK	
PART NUMBER	SIZE mm	DESCRIPTION	
DIA-HB-115	115 x 2.0 x 7 x 22.23	SEGMENTED	
DIA-HB-230	230 x 2.6 x 7 x 22.23	SEGMENTED	

BULK BLISTER PACK



PACKAGING		BLISTER PACK		
PART NUMBER	SIZE mm	DESCRIPTION	PACK SIZE	
DIA-HB3-115	115 x 2.0 x 7 x 22.23	SEGMENTED	3 per blister	
DIA-HB2-230	230 x 2.6 x 7 x 22.23	SEGMENTED	2 per blister	

DIAMOND BLADES

SPECIALIZED CUTTING

LASER SEGMENTED

Ideal for granite, marble, lime, sandstone, cured / green concrete, re-inforced concrete & most types of building material

PROFESSIONAL



PACKAGING		BLISTER PACK	
PART NUMBER	SIZE mm	DESCRIPTION	
DIA-LS-115	115 x 2.2 x 7 x 22.23	LASER SEGMENTED	
DIA-LS-180	180 x 2.4 x 7 x 22.23	LASER SEGMENTED	
DIA-LS-230	230 x 2.4 x 7 x 22.23	LASER SEGMENTED	
DIA-LS-350	350 x 3.2 x 8 x 25.40	LASER SEGMENTED	
DIA-LS-400	400 x 3.4 x 8 x 25.40	LASER SEGMENTED	
DIA-LS-450	450 x 3.6 x 8 x 50.00	LASER SEGMENTED	



RUBBER BACKING PADS



- RUBBER BACKING PAD FOR USE WITH ANGLE GRINDERS
- HARD RUBBER ERGONOMIC SHAPE



PACKAGING	HANG PACK
PART NUMBER	SIZE mm
WB-RB-115	115 x M14 x 2.0
WB-RB-178	178 x M14 x 2.0

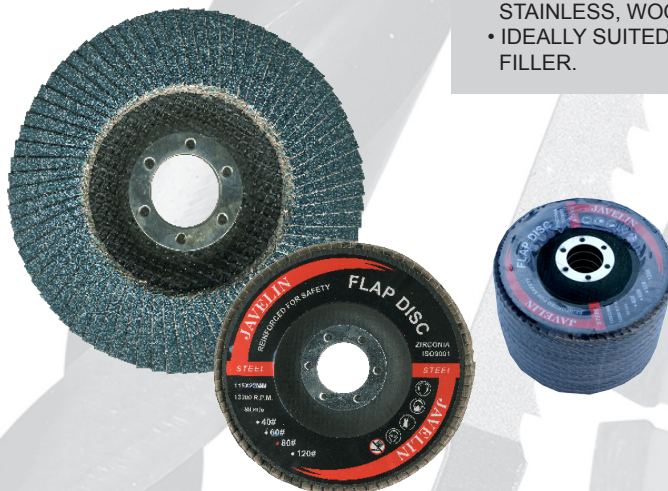
FLAP DISC ALUMINIUM OXIDE (BROWN)



- ABRASIVE FLAP DISCS ARE USED FOR FINISHING SURFACES I.E. METAL, WOOD & HARD PLASTICS
- IDEALLY SUITED FOR DEBURING, POLISHING, REMOVING RUST, PAINT, VARNISH & BODY FILLER

PACKAGING	Pack of 10	
PART NUMBER	SIZE mm	GRIT
FDB-115-40	115	40
FDB-115-60	115	60
FDB-115-80	115	80
FDB-115-120	115	120
FDB-180-40	180	40
FDB-180-60	180	60
FDB-180-80	180	80
FDB-180-120	180	120

FLAP DISC ZIRCONIUM (BLUE)



- ABRASIVE FLAP DISCS ARE USED FOR FINISHING SURFACES I.E. METAL INCLUDING STAINLESS, WOOD & HARD PLASTICS
- IDEALLY SUITED FOR DEBURING, POLISHING, REMOVING RUST, PAINT, VARNISH & BODY FILLER.

PACKAGING	Pack of 10	
PART NUMBER	SIZE mm	GRIT
FDZ-115-40	115	40
FDZ-115-60	115	60
FDZ-115-80	115	80
FDZ-115-120	115	120
FDZ-180-40	180	40
FDZ-180-60	180	60
FDZ-180-80	180	80
FDZ-180-120	180	120

BI-METAL HACKSAW BLADES

- HSS
- SHATTERPROOF BLADES
- HIGH PERFORMANCE

PACKAGING	PLASTIC BOX - 100 PER BOX
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PART NUMBER	TPI
HS-18TPI	18

PART NUMBER	TPI
HS-24TPI	24

PART NUMBER	TPI
HS-32TPI	32



CIRCULAR TCT SAW BLADES

- A QUALITY RANGE FOR GENERAL USE AT WORK & HOME
- ALL BLADES ARE CARBIDE TIPPED WHICH CAN BE SHARPENED
- CARBIDE TIP BLADES LAST LONGER & CUT FASTER & SMOOTHER
- CAN BE USED FOR CUTTING WOOD & PLASTICS

BEFORE USE:

- CHECK MACHINE & MAKE SURE THAT IT IS FITTED WITH A SAFETY GUARD
- CAREFULLY INSPECT THE BLADE FOR DAMAGE OR WEAR
- ALWAYS WEAR SAFETY CLOTHING & EYE PROTECTION GOGGLES

PACKAGING	HANG PACK
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PART NUMBER	SIZE
BLD-150 x 40	150 x 40T
BLD-160 x 40	160 x 40T
BLD-184 x 24	184 x 24T
BLD-184 x 40	184 x 40T
BLD-184 x 60	184 x 60T
BLD-190 x 40	190 x 40T
BLD-205 x 40	205 x 40T

PART NUMBER	SIZE
BLD-230 x 24	230 x 24T
BLD-230 x 40	230 x 40T
BLD-230 x 60	230 x 60T
BLD-255 x 24	255 x 240T
BLD-255 x 40	255 x 40T
BLD-255 x 60	255 x 60T





















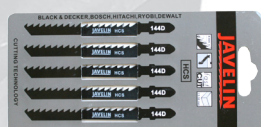
- DESIGNED FOR CUTTING ALL TYPES OF NON-FERROUS METALS SUCH AS ALUMINIUM

PART NUMBER	SIZE
BLD-255 x 80	255 x 80T
BLD-255 x 120	255 x 120T
BLD-300 x 96	300 x 96T
BLD-350 x 100	350 x 100T











**JAVELIN JIGSAW BLADES ARE SUITABLE FOR:****METABO, MAKITA, HOLZHER, AEG, BOSCH, HITACHI, RYOBI, DEWALT & MOST OTHER BRANDS**

JIG-001 JIG-5-100	3 PIECE 5 PIECE	T111C	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For coarse cutting of softwood & soft materials such as fibre woodboards, roofing/construction wood & plastics.     Material Thickness: 4-50mm	8 tpi	76mm
				3.0mm Milled & side set teeth	
				MATERIAL	OVERALL LENGTH
				HCS	100mm
JIG-002 JIG-5-200	3 PIECE 5 PIECE	T144D	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For fast, straight cutting of softwood & chipboard. Also for soft plastics & fibre wood boards.     Material Thickness: 5-50mm	6-8 tpi	76mm
				4.0mm Ground & side set teeth.	
				MATERIAL	OVERALL LENGTH
				HCS	100mm
JIG-003 JIG-5-300	3 PIECE 5 PIECE	T101AO	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For clean, curved cutting of softwood & chipboard. Also used for laminated boards, fibre boards.   Material Thickness: 1.5-15mm	19 tpi	59mm
				1.4mm Ground & taper-ground teeth. Pointed.	
				MATERIAL	OVERALL LENGTH
				HCS	82mm
JIG-004 JIG-5-400	3 PIECE 5 PIECE	T101B	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For clean cutting of softwood & chipboard. Also for plastic / epoxy & fibre wood boards.     Material Thickness: 3-30mm	9 tpi	76mm
				2.7mm Ground & taper-ground teeth.	
				MATERIAL	OVERALL LENGTH
				HCS	100mm

**JAVELIN**



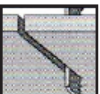




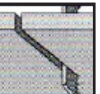



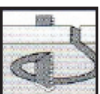




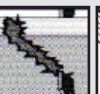
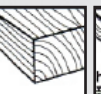

JAVELIN JIGSAW BLADES ARE SUITABLE FOR:

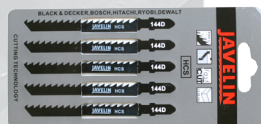
METABO, MAKITA, HOLZHER, AEG, BOSCH, HITACHI, RYOBI, DEWALT & MOST OTHER BRANDS

JIG-005 JIG-5-500	3 PIECE 5 PIECE	T101BR	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For clean cutting of softwood, chipboard, fibre boards & laminated boards. Reverse blades. 	10 tpi	76mm
				2.5mm Ground & taper-ground teeth.	OVERALL LENGTH
				MATERIAL	
Material Thickness: 3-30mm					
JIG-006 JIG-5-600	3 PIECE 5 PIECE	T101D	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For clean cutting of softwood & chipboard, wood core plywood & fibre boards. 	6-8 tpi	76mm
				3.1-4.0mm Ground and taper ground teeth.	OVERALL LENGTH
				MATERIAL	
Material Thickness: 10-45mm					
JIG-007 JIG-5-700	3 PIECE 5 PIECE	T118A	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For cutting thin metal plates. 	17-23 tpi	68mm
				1.1-1.5mm Milled & wavy set teeth.	OVERALL LENGTH
				MATERIAL	
Material Thickness: 1-3mm					
JIG-008 JIG-5-800	3 PIECE 5 PIECE	T318A	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For cutting thin metal plates, profiles, pipes & aluminium. 	21 tpi	108mm
				1.2mm Milled & wavy teeth.	OVERALL LENGTH
				MATERIAL	
Material Thickness: 1-3mm For pipes & profiles: <65mm					



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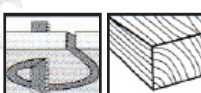


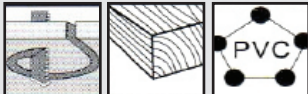
JIG-009 JIG-5-900	3 PIECE 5 PIECE	T118B	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For cutting medium to thick metal plates, non-ferrous metals & aluminium.	14 tpi	50mm
			   	2.0mm Milled & wavy set teeth.	MATERIAL
			Material Thickness: 2.5-6mm	HSS	76mm
JIG-010 JIG-5-1000	3 PIECE 5 PIECE	T127D	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For cutting thin to thick aluminium plates, pipes, profiles & non-ferrous metals.	8 tpi	75mm
			  	3.0mm Milled & side set teeth.	MATERIAL
			Material Thickness: Aluminium: 4-15mm Metals: 4-6mm	HSS	100mm
JIG-011 JIG-5-1200	3 PIECE 5 PIECE	T227D	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For fast, curve cutting of aluminium, thin sheet metal & epoxy.	8 tpi	74mm
			   	3.0mm Milled & side set teeth.	MATERIAL
			Material Thickness: Sheet Metals: 3-15mm Aluminium: < 30mm Epoxy: < 30mm	HSS	100mm
JIG-5-1800	5 PIECE	T311C	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For fast, rough cutting of softwood, hardwood, laminated boards, fibre boards & plastics.	9 tpi	100mm
			   	2.75mm Milled & wavy teeth.	MATERIAL
			Material Thickness: 3-30mm	HCS	130mm

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JAVELIN JIGSAW BLADES ARE SUITABLE FOR:

METABO, MAKITA, HOLZHER, AEG, BOSCH, HITACHI, RYOBI, DEWALT & MOST OTHER BRANDS


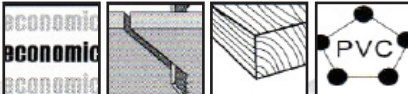
JIG-5-1700	5 PIECE	T225B	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For neat, rough cutting of softwood, hardwood & plastics. Material Thickness: 3-30mm	9 tpi	230mm
				2.75mm Milled & side set teeth.	
				MATERIAL	OVERALL LENGTH
				HCS	250mm
JIG-5-1600	5 PIECE	T301CD	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For clean cutting of softwood, chipboard, laminated boards & plastic/epoxy. Material Thickness: 10-65mm	8 tpi	93mm
				3.0mm Ground & taper ground teeth.	
				MATERIAL	OVERALL LENGTH
				HCS	116mm
JIG-5-1500	5 PIECE	T224D	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For fast, coarse curved cutting of softwood, chipboard & fibre boards. Material Thickness: 5-50mm	6-8 tpi	76mm
				4.0mm Ground & side set teeth.	
				MATERIAL	OVERALL LENGTH
				HCS	100mm
JIG-5-1400	5 PIECE	T119BO	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For coarse, curved cutting of softwood, plywood, chipboard, fibre boards & plastics. Material Thickness: 2-15mm	13 tpi	59mm
				2.0mm Milled & wavy set teeth.	
				MATERIAL	OVERALL LENGTH
				HCS	82mm







JAVELIN JIGSAW BLADES ARE SUITABLE FOR:

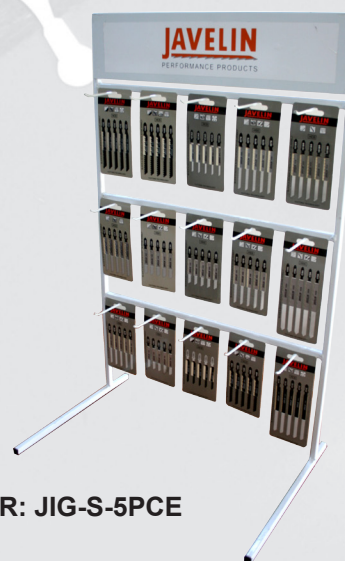
METABO, MAKITA, HOLZHER, AEG, BOSCH, HITACHI, RYOBI, DEWALT & MOST OTHER BRANDS

JIG-5-1300	5 PIECE	T119B	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For tidy cutting of softwood, plastics, chipboard, plywood & fibre boards.  Material Thickness Softwood: 2-15mm	12 tpi	50mm
				2.0mm Milled & side set teeth.	
			MATERIAL	OVERALL LENGTH	
			HCS	67mm	

JIG-5-1100	5 PIECE	T118G	DESCRIPTION	TPI / TEETH TYPE	WORKING LENGTH
			For thin metal plates.  Material Thickness: 0.5-1.5mm	36 tpi	67mm
				0.7mm Milled & wavy set teeth.	
			MATERIAL	OVERALL LENGTH	
			HSS	76mm	



JIGSAW STANDS



3 & 5 PIECE STANDS AVAILABLE



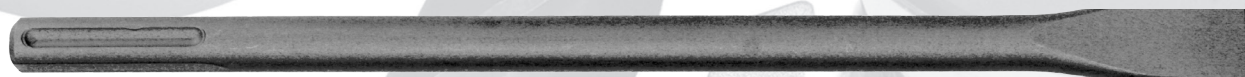
SDS MAX

PROFESSIONAL 

PACKAGING	PLASTIC HOLDER
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PART NUMBER	TYPE	WIDTH	LENGTH
SMCP-18X400	POINT	-	400
SMCF-18X400X25	FLAT	25	400
SMCF-18X400X40	FLAT	40	400
SMCF-18X400X50	FLAT	50	400
SMCF-18X400X75	FLAT	75	400
SMCW-18X300X50	FLAT	50	300

18mm



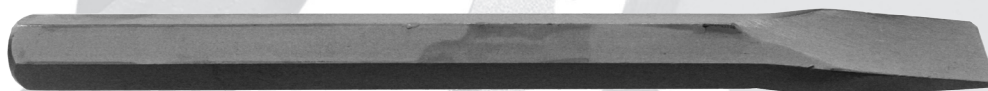
HEX TYPE

PROFESSIONAL 

PACKAGING	PLASTIC HOLDER
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PART NUMBER	TYPE	WIDTH	LENGTH
SMCP-28X400	POINT	-	400
SMCF-28X400X36	FLAT	36	400

28mm



**PH65****PROFESSIONAL**

PACKAGING	PLASTIC HOLDER
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PART NUMBER	TYPE	WIDTH	LENGTH
SMCM-30X410	POINT	-	410
SMCM-30X410X35	FLAT	35	410

**SDS PLUS****PROFESSIONAL**

PACKAGING	PLASTIC HOLDER
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PART NUMBER	TYPE	WIDTH	LENGTH
SPCP-14X250	POINT	-	250
SPCF-14X250X20	FLAT	20	250
SPCF-14X250X40	FLAT	40	250
SPCF-17X280X20	FLAT	20	280

**JAVELIN**

HSS BI-METAL HOLE SAWS

- FOR CUTTING THIN METAL SHEET MATERIAL UP TO 3mm THICK
- FOR PRODUCING HIGH QUALITY HOLES IN WOOD, STEEL, BRASS, BRONZE, ALUMINIUM & PLASTIC
- CUTTING DEPTH UP TO 38mm
- VARIABLE PITCH
- DIAMETERS FROM 14mm TO 152mm

PACKAGING		DOUBLE BLISTER PACK	
PART NUMBER	DIAMETER mm	PART NUMBER	SIZE mm
HSB-14	14	HSB-59	59
HSB-16	16	HSB-60	60
HSB-17	17	HSB-64	64
HSB-19	19	HSB-65	65
HSB-20	20	HSB-67	67
HSB-22	22	HSB-70	70
HSB-24	24	HSB-71	71
HSB-25	25	HSB-73	73
HSB-27	27	HSB-76	76
HSB-29	29	HSB-79	79
HSB-30	30	HSB-83	83
HSB-32	32	HSB-86	86
HSB-33	33	HSB-89	89
HSB-35	35	HSB-92	92
HSB-37	37	HSB-98	98
HSB-38	38	HSB-102	102
HSB-40	40	HSB-108	108
HSB-41	41	HSB-111	111
HSB-43	43	HSB-114	114
HSB-44	44	HSB-127	127
HSB-46	46	HSB-152	152
HSB-48	48	ARB-S	14-30mm ARBOR SMALL
HSB-51	51	ARB-L	32-178mm ARBOR LARGE
HSB-52	52	HSD-001	1/4 X 75mm PILOT DRILL
HSB-54	54		
HSB-57	57		

DESCRIPTION	16 Pce HOLESAW SET CARBON STEEL
PART NUMBER	HSB-Z-001
PACKAGING	BLISTER PACK
HOLE SAW SIZES mm	19,22,29,32,38,44,51,64,76,89,102,127

DESCRIPTION	9 Pce ELECTRICIAN HOLESAW SET BI-METAL
PART NUMBER	HSB-Z-003
PACKAGING	BLISTER PACK
HOLE SAW SIZES mm	20,25,32,40,51,64

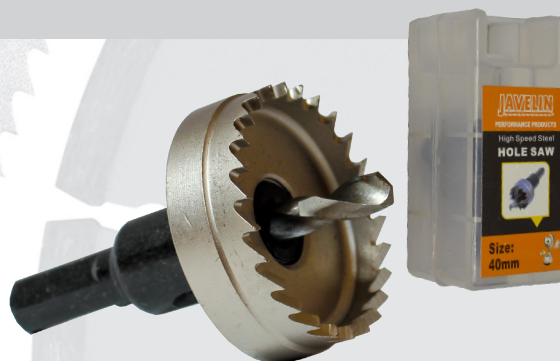
DESCRIPTION	9 Pce PLUMER HOLESAW SET BI-METAL
PART NUMBER	HSB-Z-004
PACKAGING	BLISTER PACK
HOLE SAW SIZES mm	19,22,29,38,44,57



HSS HOLESAWS

- HIGH SPEED STEEL HOLE SAW
- CAN BE USED ON A WIDE RANGE OF MATERIALS FROM SHEET METAL TO PVC & BOARD
- CUTTING EDGE SIZES RANGE FROM 16-75mm DIAMETERS
- HOLESAW INCLUDES CENTRE DRILL

PACKAGING		PLASTIC HOLDER	
PART NUMBER	DIAMETER mm	OVERALL LENGTH mm	WORKING LENGTH mm
HS-HSS-E-016	16	62	22
HS-HSS-E-020	20	62	22
HS-HSS-E-025	25	89	22
HS-HSS-E-032	32	89	22
HS-HSS-E-040	40	89	22
HS-HSS-E-050	50	89	22
HS-HSS-E-063	63	94	22
HS-HSS-E-075	75	94	22



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HSS HAND TAP - 3 PIECE SET

- HAND TAPS DIN352 HSS 6
- HIGH CUTTING PERFORMANCE
- EASY FREE CUTTING

NORM	DIN 352
TOLERANCE	150
MATERIAL	HSS
HOLE	TAP FOR THROUGH HOLES & BLIND HOLES
SET OF 3	ONE EACH OF TAPER, SECOND & PLUG

PACKAGING	PLASTIC CASE
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PART NUMBER	SIZE	TOTAL LENGTH mm	WORKING LENGTH mm
TAP-001	M3 x 0.5	40	12
TAP-002	M4 x 0.7	45	14
TAP-003	M5 x 0.8	48	16
TAP-004	M6 x 1.0	50	18
TAP-005	M8 x 1.25	56	22
TAP-006	M10 x 1.5	70	25
TAP-007	M12 x 1.75	75	30
TAP-008	M14 x 2.0	80	32
TAP-009	M16 x 2.0	80	32
TAP-015	M18 x 2.5	95	40
TAP-010	M20 x 2.5	95	40
TAP-011	M22 x 2.5	100	40
TAP-012	M24 x 3.0	110	50
TAP-013	M27 x 3.0	110	50
TAP-014	M30 x 3.5	132	56
TAP-016(1 PER BOX)	M36 x 4.0	150	65



ADJUSTABLE TAP WRENCH

- FOR SECURELY HOLDING HAND TAPS
- MADE FROM ZINC PRESSURE CASTING
- ONE HANDLE TO BE UNSCREWED FOR NARROW WORK

PACKAGING	BOX
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PART NUMBER	SIZE	SIZE OF SQUARE mm	WORKING LENGTH mm
D312-001	M1-M8	2.0-5.0	130
D312-004	M4-M12	3.0-9.0	280
D312-005	M5-M20	4.9-12	380



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HSS DIE NUTS

- HIGH QUALITY HSS GENERAL PURPOSE HSS DIE NUT
- USED TO CLEAN OR REPAIR DAMAGED THREADS WITH THE USE OF A SPANNER OR WRENCH

PACKAGING	PLASTIC CASE
PART NUMBER	SIZE
D-NUT-001	M3x5
D-NUT-002	M4x7
D-NUT-003	M5x8
D-NUT-004	M6x1
D-NUT-005	M8x1.25
D-NUT-006	M10x1.5
D-NUT-007	M12x1.75
D-NUT-008	M14x2
D-NUT-009	M16x2
D-NUT-013	M18X2.5
D-NUT-010	M20x2.5
D-NUT-014	M22x2.5
D-NUT-011	M24x3
D-NUT-015	M27x3
D-NUT-012	M30x3.5



TAP & DIE SETS

PACKAGING	METAL CASE
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PART NUMBER	DESCRIPTION
TAP-C-001	40 Pce CARBON STEEL SET M3 - M12
TAP-H-002	40 Pce HSS SET M3 - M12

16 METRIC TAPS	3X0.5	8X1.0	
	3X0.6	8X1.25	
	4X0.7	10X1.25	
	4X0.75	10X1.5	
	5X0.8	12X1.5	
	5X0.9	12X1.75	
	6X0.75		
	6X1.0		
	7X0.75		
	7X1.0		
16 METRIC DIES	3X0.5	8X1.0	
	3X0.6	8X1.25	
	4X0.7	10X1.25	
	4X0.75	10X1.5	
	5X0.8	12X1.5	
	5X0.9	12X1.75	
	6X0.75		
	6X1.0		
	7X0.75		
	7X1.0		
1 NPT TAP	1/8-27		
1 NPT DIE	1/8-27		
1 TAP WRENCH	M3-M12 CAPACITY		
1 T-TYPE TAP WRENCH			
1 DIE WRENCH	25mm OD		
1 SCREWDRIVER			
1 SCREW PITCH GAUGE			

