

Littlehampton Cutting Tools



NEW PRODUCTS AND CNC SHARPENING PRICE LIST

Prices accurate of 1 April 2026
(prices exclusive of VAT)



Unit 12, Thorgate Road, Lineside Industrial Estate
Littlehampton, West Sussex
BN17 7LU

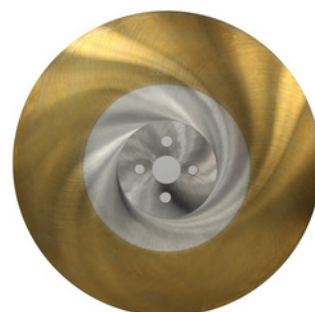
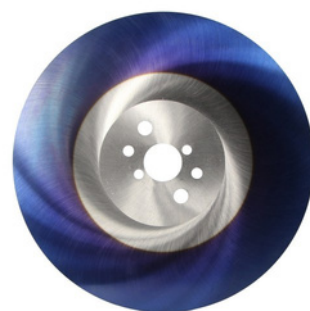
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HSS CIRCULAR SAW BLADES

Size	HSS	TiN Coated	Cobalt-Blue
110 x 1 x 22	42.33		
125 x 1 x 22	42.33		
200 x 1.8	54.20	64.63	120.11
225 x 1.8	59.77	76.71	126.53
250 x 1.6	64.63	84.53	126.53
250 x 2.0	68.60	91.85	135.28
250 x 2.5	78.95	108.10	154.50
250 x 3.0	87.76	117.81	172.79
275 x 1.6	90.29	97.51	142.25
275 x 2.0	90.29	105.66	154.50
275 x 2.5	95.95	130.00	181.53
275 x 3.0	102.42	POA	POA
300 x 1.5	94.13	113.76	162.37
300 x 2.0	94.13	123.51	174.57
300 x 2.5	110.22	151.17	209.47
300 x 3.0	128.77	POA	235.67
315 x 2.0	116.58	150.34	219.05
315 x 2.5	133.96	178.77	253.11
315 x 3.0	156.23	203.17	285.38
350 x 2.5	171.44	227.51	322.90
350 x 3.0	192.47	260.00	321.93
370 x 3.0	235.27	322.74	440.73
400 x 2.5	197.11	316.87	474.29
400 x 3.0	265.53	365.74	497.42
450 x 2.5	262.15	471.65	POA
450 x 3.0	387.13	POA	515.10



Water Soluble Coolant	
5 Litres	36.15
25 Litres	164.29

Cutting Wax	
Per tube (min.10)	8.09

METAL CUTTING SAWING MACHINES

NEW 250 DV



New 250 DV List price £1900
Special Package Price
£2247.83

Price includes machine, two blades and five litres of coolant and pedestal.

TRS 275 List price £2225
Special Package Price £2587.36

Price includes machine, two blades and five litres of coolant and pedestal.



NEW 300



New 300 EDV List price £3600
Special Package Price
£4531.04

Price includes machine, two blades and five litres of coolant and pedestal.

This is just a small selection of our metal cutting machines. Please call if you require further information

TURBO STEEL ANNULAR HOLE CUTTERS

Size	1" 25mm	2" 50mm	1" Coated 25mm	2" Coated 50mm
12mm	14.75	20.78	24.37	32.18
13mm	15.42	20.78	25.85	32.18
14mm	15.42	21.11	25.85	33.66
15mm	15.75	21.11	25.95	36.66
16mm	15.90	23.80	26.29	37.57
17mm	16.75	23.80	27.60	37.86
18mm	16.75	26.83	27.60	37.86
19mm	18.78	26.83	30.92	38.47
20mm	18.78	28.83	30.92	39.66
21mm	19.11	28.83	31.56	39.98
22mm	20.14	32.86	33.10	42.05
23mm	21.47	32.86	34.42	57.09
24mm	22.14	34.19	36.43	58.29
25mm	24.80	35.53	40.86	58.29
26mm	25.37	36.89	41.97	59.48
27mm	26.50	38.55	43.66	61.29
28mm	28.14	40.22	46.10	63.09
29mm	29.50	42.25	47.15	64.29
30mm	30.83	42.91	48.38	64.90
31mm	33.53	45.61	55.23	66.10
32mm	33.53	51.64	55.23	69.10
33mm	38.34	54.57	63.15	123.33
34mm	39.07	57.54	79.06	123.33
35mm	42.76	58.30	86.55	132.19
36mm	44.25	61.99	89.53	132.19
37mm	45.73	64.99	92.50	141.20
38mm	47.94	67.96	96.96	150.23
39mm	50.18	69.45	101.48	156.23
40mm	55.33	74.53	111.88	156.23
41mm	57.54	76.80	116.37	159.24
42mm	59.03	82.83	119.43	168.24
43mm	62.69	84.74	126.86	168.24
44mm	66.39	85.71	134.29	174.25
45mm	68.05	80.84	137.26	174.25
46mm	70.08	89.46	141.78	180.28
47mm	73.78	93.64	149.21	189.28
48mm	73.78	99.58	149.21	189.28
49mm	73.78	103.33	149.21	204.29
50mm	81.23	103.33	164.13	204.29
51mm	91.10	117.87	184.77	224.72
52mm	105.12	117.87	213.15	224.72



Accessories	Price
Pilot Pin 1" Depth (4mm Dia)	4.21
Pilot Pin 1" Depth (6mm Dia)	4.21
Pilot Pin 35mm Depth (8mm Dia)	7.06
Pilot Pin 2" Depth (4mm Dia)	5.00
Pilot Pin 2" Depth (6mm Dia)	5.00
Pilot Pin 2" Depth (8mm Dia)	8.83
Pilot Pin 3" Depth (6mm Dia)	17.66
Pilot Pin 3" Depth (8mm Dia)	23.54
Pilot Pin 4" Depth (6mm Dia)	29.43
Pilot Pin 4" Depth (8mm Dia)	35.31
Pilot Pin 6" Depth (6mm Dia)	41.20
Pilot Pin 6" Depth (8mm Dia)	47.09
Countersink 25mm, 90°	28.57
Countersink 38mm, 82°	34.29
Countersink 40mm, 90°	34.29
Countersink 50mm, 90°	42.29
Countersink 55mm, 60°	45.71
Countersink 50mm, 90°	128.57
Cutting Oil 1 Litre	12.00
Cutting Oil 5 Litres	54.29

TCT (CARBIDE MAX) ANNULAR HOLE CUTTERS

Size	Depth			
	40mm	55mm	80mm	110mm
12mm	24.01	31.59	65.92	-
13mm	25.96	36.17	-	-
14mm	27.85	36.33	72.34	89.61
15mm	30.01	39.70	-	-
16mm	32.01	40.38	-	93.87
17mm	33.96	41.17	-	-
18mm	35.96	42.91	-	95.98
19mm	37.96	48.23	-	97.35
20mm	39.86	50.86	-	97.82
21mm	-	51.70	-	98.82
22mm	43.86	52.97	80.82	99.40
23mm	-	55.60	-	103.46
24mm	47.86	58.55	-	105.19
25mm	-	60.18	-	105.51
26mm	51.91	61.07	-	109.72
26.5mm	-	65.18	-	-
27mm	53.91	67.29	-	112.72
28mm	55.76	68.18	-	115.94
29mm	57.86	69.39	-	120.36
30mm	59.65	71.81	-	124.25
31mm	61.81	74.66	-	-
32mm	63.76	75.71	-	132.57
33mm	69.18	78.13	107.77	136.73
34mm	71.08	82.19	-	138.57
35mm	73.39	84.92	-	144.89
36mm	75.45	92.66	-	149.16
37mm	-	94.51	-	-
38mm	-	97.03	-	165.58
39mm	-	99.30	-	188.12
40mm	83.87	101.40	-	208.49
41mm	-	104.25	-	218.08
42mm	-	105.51	-	225.08
43mm	90.14	107.30	-	241.45
44mm	69.71	109.88	-	247.82
45mm	-	111.51	-	255.25
46mm	-	114.15	-	260.41
47mm	-	115.94	-	262.78
48mm	-	118.25	-	266.78
49mm	102.67	120.52	-	267.78
50mm	-	122.62	-	268.94

Size	Depth			
	40mm	55mm	80mm	110mm
51mm	-	258.10	65.92	205.39
52mm	-	258.65	-	205.76
54mm	-	261.75	72.34	208.23
55mm	-	263.60	-	209.76
56mm	-	269.75	-	214.60
57mm	-	277.50	-	220.76
58mm	-	283.70	-	225.71
59mm	-	290.35	-	231.03
60mm	-	293.30	-	233.29
61mm	-	-	-	235.87
62mm	-	-	80.82	241.08
63mm	-	-	-	244.88
64mm	-	-	-	244.61
65mm	-	-	-	249.14
66mm	-	-	-	268.36
67mm	-	-	-	268.36
68mm	-	-	-	277.31
69mm	-	-	-	288.89
70mm	-	-	-	297.42
73mm	-	-	-	297.42
75mm	190.75	-	-	313.21
80mm	-	-	-	320.43
85mm	-	-	107.77	358.92
90mm	-	-	-	413.99
95mm	-	-	-	475.90
100mm	-	-	-	523.81
105mm	-	-	-	541.93
110mm	-	-	-	603.37
115mm	-	-	-	652.44
120mm	-	-	-	727.31
125mm	-	-	-	752.32
130mm	-	-	-	821.71
135mm	-	-	-	821.71
140mm	-	-	-	839.98

TURBO-TOUGH TCT ANNULAR HOLE CUTTERS

Size	1" 35mm	2" 50mm	3" 75mm	4" 100mm
89mm	314.29	342.86	514.29	800.00
90mm	314.29	400.00	514.29	800.00
91mm	342.86	400.00	542.86	857.14
92mm	342.86	400.00	542.86	857.14
93mm	342.86	400.00	542.86	857.14
94mm	342.86	400.00	542.86	914.29
95mm	342.86	428.57	542.86	914.29
96mm	371.43	428.57	571.43	914.29
97mm	371.43	428.57	571.43	914.29
98mm	371.43	428.57	571.43	971.43
99mm	371.43	428.57	571.43	971.43
100mm	371.43	457.14	571.43	971.43



MAGNETIC BASED DRILLING MACHINES

Machine Model	Price
Minibeast Drilling Machine, 110v	495.00
Minibeast Drilling Machine, 220v	495.00
Magbeast HM-40 Drilling Machine, 110v	575.00
Magbeast HM-40 Drilling Machine, 220v	575.00
Magbeast LP45 Drilling Machine, 110v	965.00
Magbeast LP45 Drilling Machine, 220v	965.00
Magbeast HM50 Drilling Machine, 110v	850.00
Magbeast HM50 Drilling Machine, 220v	850.00
Magbeast HM50T Drilling Machine, 110v	970.00
Magbeast HM50T Drilling Machine, 220v	970.00
Magbeast HM100 Drilling Machine, 110v	1,125.00
Magbeast HM100 Drilling Machine, 220v	1,125.00
Magbeast HM100T Drilling Machine, 110v	1,285.00
Magbeast HM100T Drilling Machine, 220v	1,285.00
Magbeast HM140T Drilling Machine, 110v	2,995.00
Magbeast HM140T Drilling Machine, 220v	2,995.00



MiniBeast



MagBeast HM 40

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

Longitude cutting (PI-501) EVO2 GM Flat		
P0100930	225x2.3/1.6x60 Z=16	67.22
P0101000-2	250x2.6/1.9x30 Z=18	77.66
P0101001-2	300x3.2/2.1x30 Z=20	96.31
P0101002-2	300x3.2/2.1x30 Z=30	108.97
P0101003-2	315x3.4/2.3x30 Z=28	129.29
P0101004-2	350x3.6/2.6x30 Z=24	126.37
P0101005-2	400x3.8/2.6x30 Z=28	153.09
P0101006-2	450x4.0/2.9x30 Z=32	209.29
P0101007-2	500x4.4/3.1x30 Z=36	247.59

Rip Saws with Anti-kickback (PI-508) GM Flat EV02		
P0800150-2	300x3.2/2.1x30 Z=14	82.95
P0800228-2	300x3.2/2.1x30 Z=20	90.46
P0800151-2	350x3.6/2.6x30 Z=16	100.34
P0800278-2	350x3.6/2.6x30 Z=24	115.37
P0800152-2	400x3.8/2.6x30 Z=18	120.11
P0800229-2	400x3.8/2.6x30 Z=28	134.58
P0800153-2	450x4.0/2.9x30 Z=20	169.37
P0800230-2	450x4.0/2.9x30 Z=32	194.29
P0800264-2	500x4.0/2.9x30 Z=36	220.31

Rip Saws with Anti-kickback (PI-508) GS V (ATB) EV02		
P0800134-2	250x3.2/2.1x30 Z=24	92.78
P0800313-2	300x3.2/2.1x30 Z=28	102.71
P0800314-2	315x3.2/2.1x30 Z=28	111.34
P0800350-2	355x3.6/2.6x30 Z=32	150.73
P0800351-2	400x4.0/2.9x30 Z=36	173.41
P0800141-2	450x4.0/2.9x30 Z=40	235.48
P0800564-2	500x4.0/2.9x30 Z=44	270.83

Longitude cutting (PI-502)		
P0200301-2	250x2.4/1.6x70 Z=16+2	130.54
P0200302-2	300x2.8/1.8x70 Z=18+4	147.25
P0200303-2	300x2.8/1.8x80 Z=18+4	147.25
P0200304-2	350x3.0/2.0x70 Z=20+4	164.64
P0200305-2	350x3.0/2.0x80 Z=20+4	164.64

Blades with wipers for multi-blade machines (PI-503) EV02 GM Flat		
P0300800-2	250x2.8/1.8x30 Z=24+2	108.97
P0300801-2	250x2.8/1.8x70 Z=24+2	108.97
P0300802-2	250x2.8/1.8x80 Z=24+2	108.97
P0300803-2	300x3.2/2.1x30 Z=18+4	124.14
P0300804-2	300x3.2/2.1x70 Z=18+4	124.14
P0300805-2	300x3.2/2.1x80 Z=18+4	124.14
P0300862-2	300x3.2/2.1x90 Z=18+4	124.14
P0300806-2	315x3.5/2.3x70 Z=18+4	127.07
P0300807-2	315x3.5/2.3x80 Z=18+4	127.07
P0300808-2	350x3.5/2.3x30 Z=24+4	146.13
P0300809-2	350x3.5/2.3x70 Z=24+4	146.13
P0300810-2	350x3.5/2.3x80 Z=24+4	146.13
P0302796	190x4.6/3.1-4.0x20 Z=22+4	601.84
P0302797	170x4.6/3.1-4.0x20 Z=22+4	601.84

TCT split scorers with spacers (PI-405T)		
S0501001	80x2.8/3.6x20 Z=2x10S	95.06
S0501002	100x2.8/3.6x20 Z=2x12T	91.24
S0501003	100x2.8/3.6x22 Z=2x12T	91.24
S0501004	100x2.8/3.6x20 Z=2x12S	96.12
S0501005	100x2.8/3.6x22 Z=2x12S	96.12
S0501006	120x2.8/3.6x20 Z=2x12T	96.12
S0501007	120x2.8/3.6x22 Z=2x12T	96.12
S0500059	120x2.8/3.6x50 Z=2x12T	114.84
S0501008	120x2.8/3.6x20 Z=2x12S	104.42
S0501009	120x2.8/3.6x22 Z=2x12S	104.42
S0500216	120x2.8/3.6x50 Z=2x12S	121.96
S0501010	125x2.8/3.6x20 Z=2x12T	96.12
S0501011	125x2.8/3.6x22 Z=2x12T	104.42
S0501012	125x2.8/3.6x20 Z=2x12S	104.42
S0501013	125x2.8/3.6x22 Z=2x12S	104.42

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

Blades with wipers for use on multi blade machines Wet wood PI-510 EVO2 GS ATB

P1004050-2	250x3.1/1.8x70 Z=16+2	105.49
P1004051-2	250x3.1/1.8x70 Z=20+2	107.86
P1004052-2	300x3.4/2.1x70 Z= 18+4	115.93
P1004053-2	300x3.4/2.1x80 Z=18+4	115.93
P1004054-2	315x3.9/2.6x80 Z=18+4	127.07
P1004055-2	350x3.9/2.6x70 Z=14+4	134.58
P1004056-2	350x3.9/2.6x80 Z=14+4	134.58
P1004057-2	350x3.9/2.6x90 Z=18+4	134.58
P1004058-2	350x3.9/2.6x70 Z=24+4	145.02
P1004059-2	350x3.9/2.6x80 Z=24+4	145.02
P1004060-2	400x4.0/2.7x70 Z=18+6	156.01
P1004061-2	400x4.0/2.7x80 Z=18+6	156.01
P1004062-2	400x4.0/2.7x70 Z=24+4	168.82
P1004158-2	450x4.5/3.1x50 Z=18+6	199.44
P1004063-2	450x4.5/3.1x70 Z=18+6	199.44
P1004064-2	450x4.5/3.1x80 Z=18+6	199.44
P1004160-2	450x4.5/3.1x50 Z=24+6	209.32
P1004162-2	500x4.5/3.1x50 Z=18+6	243.55
P1004065-2	500x4.5/3.1x70 Z=20+6	243.55
P1004164-2	500x4.5/3.1x50 Z=24+6	253.99
P1004343-2	630x6.0/4.5x70 Z=18+6	462.20

As above but with extra thickness for more stability (PI-510) EV02 GM Flat

P1004020-2	250x4.4/3.1x70 Z=16+2	116.63
P1004021-2	300x4.4/3.1x70 Z=16+4	127.07
P1004022-2	350x5.0/3.6x70 Z=18+4	150.17
P1004023-2	350x5.0/3.6x80 Z=18+4	150.17
P1004024-2	350x5.0/3.6x90 Z=18+4	150.17
P1004025-2	400x5.2/3.6x70 Z=18+6	189.00
P1004026-2	400x5.2/3.6x80 Z=18+6	189.00
P1004027-2	450x5.5/4.1x70 Z=18+6	248.15
P1004028-2	450x5.5/4.1x80 Z=18+6	248.15
P1004029-2	500x5.5/4.1x70 Z=20+6	287.67

Construction Blade (PI-550) EVO2

P5000001-2	300x3.2/2.1x30 z=16	81.08
P5000002-2	350x3.5/2.5x30 z=20	107.84
P5000003-2	400x3.8/2.8x30 z=24	141.40
P5000004-2	450x4.0/3.0x30 z=28	145.12
P5000005-2	500x4.0/3.0x30 z=32	185.21

Blades with wipers for use on multi blade machines Wet wood. Increased thickness for stabilisation of saw blade PI-510W EVO2 GS ATB

P1005010-2	300x3.4/2.1x70 Z=12+4	104.94
P1005300-2	300x3.7/2.6x70 Z=12+4	110.23
P1005330-2	300x4.2/3.1x70 Z=12+4	110.23
P1004239-2	350x3.9/2.6x70 Z=14+4	124.70
P1005331-2	350x4.2/3.1x70 Z=14+6	124.70
P1005301-2	400x4.2/2.7x70 Z=14+6	142.10
P1005332-2	630x6.2/4.1x70 Z=18+6	470.82

Blades with wipers for use on multi blade machines Wet wood. Increased thickness for stabilisation of saw blade PI-510W EVO2 GM Flat

P1004492-2	350x3.9/2.6x70 Z=14+4	128.18
P1004493-2	350x3.9/2.6x80 Z=14+4	128.18
P1003933-2	600x6.0/4.1x80 Z=18+6	461.08

Longitude cutting multi-blade teeth with wipers 23° for wet conifers (PI-510) EV02 GM Flat

P1004000-2	250x3.1/1.8x70 Z=16+2	105.49
P1004001-2	250x3.1/1.8x70 Z=20+2	107.86
P1004002-2	300x3.4/2.1x70 Z= 18+4	115.93
P1004003-2	300x3.4/2.1x80 Z=18+4	115.93
P1004004-2	315x3.9/2.6x80 Z=18+4	127.07
P1004005-2	350x3.9/2.6x70 Z=18+4	134.58
P1004006-2	350x3.9/2.6x80 Z=18+4	134.58
P1004007-2	350x3.9/2.6x90 Z=18+4	134.58
P1004008-2	350x3.9/2.6x70 Z=24+4	145.02
P1004009-2	350x3.9/2.6x80 Z=24+4	145.02
P1004010-2	400x4.0/2.7x70 Z=18+6	156.01
P1004011-2	400x4.0/2.7x80 Z=18+6	156.01
P1004012-2	400x4.0/2.7x70 Z=24+4	168.82
P1004157-2	450x4.5/3.1x50 Z=18+6	199.44
P1004013-2	450x4.5/3.1x70 Z=18+6	199.44
P1004014-2	450x4.5/3.1x80 Z=18+6	199.44
P1004159-2	450x4.5/3.1x50 Z=24+6	209.32
P1004161-2	500x4.5/3.1x50 Z=18+6	243.55
P1004015-2	500x4.5/3.1x70 Z=20+6	243.55
P1004163-2	500x4.5/3.1x50 Z=24+6	253.99

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

Blades with wipers for use on multi-blade machines for wet wood (PI-517) EV2 GM Flat

P1701000-2	250x3.7/2.5x70 Z=16+2	110.78
P1701001-2	300x3.7/2.5x70 Z=18+4	121.78
P1701002-2	300x3.7/2.5x80 Z=18+4	121.78
P1701003-2	315x3.7/2.5x80 Z=18+4	134.58
P1701004-2	350x4.0/2.7x70 Z=18+4	142.10
P1701005-2	350x4.0/2.7x80 Z=18+4	142.10
P1701006-2	350x4.0/2.7x90 Z=18+4	142.10
P1701007-2	350x4.0/2.7x70 Z=24+4	152.53
P1701008-2	350x4.0/2.7x80 Z=24+4	152.53
P1701009-2	400x4.2/2.8x70 Z=18+6	164.64
P1701010-2	400x4.2/2.8x80 Z=18+6	164.64
P1701011-2	400x4.2/2.8x70 Z=24+6	176.89
P1701012-2	450x4.7/3.3x70 Z=18+6	209.32
P1701013-2	450x4.7/3.3x80 Z=18+6	209.32
P1701014-2	500x4.7/3.3x70 Z=20+6	256.36
P1701015-2	500x4.7/3.3x70 Z=20+7	256.36
P1701247-2	500x5.2/3.5x70 Z=20+6	282.94

Blades with wipers for use on multi-blade machines for wet wood (PI-517) GS ATB

P1701050-2	250x3.7/2.5x70 Z=16+2	110.78
P1701051-2	300x3.7/2.5x70 Z=18+4	121.78
P1701052-2	300x3.7/2.5x80 Z=18+4	121.78
P1701053-2	315x3.7/2.5x80 Z=18+4	134.58
P1701054-2	350x4.0/2.7x70 Z=18+4	142.10
P1701055-2	350x4.0/2.7x80 Z=18+4	142.10
P1701056-2	350x4.0/2.7x90 Z=18+4	142.10
P1701057-2	350x4.0/2.7x70 Z=24+4	152.53
P1701058-2	350x4.0/2.7x80 Z=24+4	152.53
P1701059-2	400x4.2/2.8x70 Z=18+6	164.64
P1701060-2	400x4.2/2.8x80 Z=18+6	164.64
P1701061-2	400x4.2/2.8x70 Z=24+6	176.89
P1701062-2	450x4.7/3.3x70 Z=18+6	209.32
P1701063-2	450x4.7/3.3x80 Z=18+6	209.32
P1701064-2	500x4.7/3.3x70 Z=20+6	256.36
P1701065-2	500x4.7/3.3x80 Z=20+6	256.36
P1701120-2	630x6.2/4.1x70 Z=20+6	485.99

Steel Cutting (PI-535)

P3500023	235x2.2/1.8x30 z=48	107.84
P3500001	250x2.2/1.8x30 z=60	127.06
P3500002	250x2.2/1.8x25.4 z=60	127.06
P3500003	300x2.2/1.8x25.4 z=60	162.28
P3500004	300x2.2/1.8x30 z=60	162.28
P3500005	300x2.2/1.8x25.4 z=80	178.80
P3500006	300x2.2/1.8x30 z=80	175.34
P3500007	350x2.4/2.0x25.4 z=96	232.21
P3500008	350x2.4/2.0x30 z=96	232.21

35° ATB for crosscutting (PI- 516V)

P1600001	400x3.5/2.8x30 z=120	309.32
P1601002	500x4.0/3.5x35 z=108	408.73
P1601003	500x4.8/3.5x30 z=144	543.88
P1600004	500x4.8/3.5x35 z=144	543.88

Conical Scorers (PI-408T)

S0800600	100x3.1-4.3/2.5x20 Z=24	86.76
S0800601	100x3.1-4.3/2.5x22 Z=24	86.76
S0800249	120x2.8-3.6/2.2x20 Z=24	92.29
S0800002	125x2.8-3.6/2.2x20 Z=24	86.76
S0801600	125x2.8-3.6/2.2x20 Z=24	86.76
S0800014	125x3.1-4.3/2.5x20 Z=24	91.24
S0801601	125x3.1-4.3/2.5x20 Z=24	91.24
S0801602	125x3.1-4.3/2.5x22 Z=24	91.24
S0800402	200x6.2-7.2/4.5x45 Z=36	239.57

Conical Scorers (PI-408S)

S0800341	100x3.2-4.3/2.5x22 Z=24	95.06
S0800272	125x2.8-3.6/2.2x20 Z=24	94.54
S0801603	125x2.8-3.6/2.2x20 Z=24	94.54
S0800435	125x2.8-3.6/2.2x22 Z=24	94.54
S0801604	125x2.8-3.6/2.2x22 Z=24	94.54
S0800507	125x3.0-4.0/2.5x20 Z=24	98.36
S0801605	125x3.0-4.0/2.5x20 Z=24	98.36
S0800655	125x3.0-4.0/2.5x22 Z=24	98.36
S0801606	125x3.0-4.0/2.5x22 Z=24	98.36
S0800348	125x3.1-4.3/2.5x20 Z=24	99.41
S0801607	125x3.1-4.3/2.5x20 Z=24	99.41
S0800350	125x3.1-4.3/2.5x22 Z=24	99.41
S0801608	125x3.1-4.3/2.5x22 Z=24	99.41
S0802001	125x3.1-4.3/2.5x45 Z=24	137.91
S0801616	125x4.4-5.4/3.2x45 Z=24	137.91
S0800924	160x4.4-5.6/3.2x45 Z=36	181.29
S0800617	160x4.4-5.6/3.2x55 Z=36	181.29
S0802002	160x4.4-5.4/3.0x55 Z=36	181.29
S0802003	180x4.4-5.4/3.0x30 Z=36	136.67
S0802004	180x4.4-5.4/3.0x45 Z=36	184.06
S0800419	180x4.8-5.8/3.5x45 Z=36	196.71
S0802005	200x4.4-5.4/3.0x20 Z=36	191.18
S0802006	200x4.4-5.4/3.0x30 Z=36	191.18
S0802007	200x4.4-5.4/3.0x45 Z=36	191.18
S0802008	200x4.4-5.4/3.0x65 Z=36	191.18
S0802009	200x4.8-5.8/3.5x80 Z=36	191.18
S0800606	200x4.8-5.8/3.5x45 Z=36	203.84
S0801358	200x4.8-5.8/3.5x65 Z=36	203.84
S0801478	200x4.8-5.8/3.5x20 Z=36	230.74
S0800722	200x5.8-6.8/4.0x45 Z=36	229.15
S0801019	215x4.4-5.6/3.2x50 Z=42	240.62
S0801479	300x4.4-5.6/3.2x50 Z=48	289.54

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

Blades with wipers for use on multi-blade machines (PI-515) EVO2 GM Flat

P1500400-2	250x3.4/1.9x70 Z=10+2	40.21
P1500401-2	300x3.6/2.3x70 Z=10+4	46.22
P1500402-2	300x3.6/2.3x80 Z=10+4	46.22
P1500403-2	350x3.9/2.6x70 Z=10+4	53.73
P1500404-2	350x3.9/2.6x80 Z=10+4	53.73
P1500405-2	400x4.0/2.7x70 Z=12+4	59.75
P1500406-2	400x4.0/2.7x80 Z=12+4	59.75
P1500407-2	450x4.5/3.1x70 Z=14+6	79.60
P1500408-2	500x5.0/3.6x70 Z=14+6	96.01

Blades with wipers for use on multi-blade machines (PI-515) EVO2 GS ATB

P1500450-2	250x3.4/1.9x70 Z=10+2	81.14
P1500451-2	300x3.6/2.3x70 Z=10+4	86.98
P1500452-2	300x3.6/2.3x80 Z=10+4	86.98
P1500453-2	350x3.9/2.6x70 Z=10+4	97.42
P1500454-2	350x3.9/2.6x80 Z=10+4	97.42
P1500455-2	400x4.0/2.7x70 Z=12+4	106.19
P1500456-2	400x4.0/2.7x80 Z=12+4	106.19
P1500457-2	450x4.5/3.1x70 Z=14+6	122.33
P1500458-2	500x5.0/3.6x70 Z=14+6	141.54

General purpose coarse teeth (PI-504) GS ATB

P0405001	250x3.2/2.2x30 Z=40	106.19
P0405002	300x3.2/2.2x30 Z=48	127.07
P0405003	350x3.2/2.2x30 Z=54	147.25
P0405004	400x3.5/2.5x30 Z=48	174.52
P0405005	400x3.5/2.5x30 Z=60	201.25
P0405006	450x3.8/2.8x30 Z=66	247.57
P0405007	500x4.0/2.8x30 Z=72	306.18

As above (PI-504) GS ATB Premium

SP0405001	250x3.2/2.2x30 Z=40	112.45
SP0405002	300x3.2/2.2x30 Z=48	135.69
SP0405003	350x3.2/2.2x30 Z=54	161.17
SP0405004	400x3.5/2.5x30 Z=48	187.88
SP0405005	400x3.5/2.5x30 Z=60	222.68
SP0405006	450x3.8/2.8x30 Z=66	254.55
SP0405007	500x4.0/2.8x30 Z=72	346.82

General purpose fine teeth (PI-505) GS (ATB)

P0505001	250x3.2/2.2x30 Z=60	147.94
P0505002	250x3.2/2.2x30 Z=80	151.42
P0505003	300x3.2/2.2x30 Z=60	147.94
P0505004	300x3.2/2.2x30 Z=72	146.69
P0505005	300x3.2/2.2x30 Z=96	118.30
P0505006	315x3.2/2.2x30 Z=72	170.49
P0505008	350x3.2/2.2x30 Z=84	209.87
P0505009	350x3.2/2.2x30 Z=108	247.03
P0505010	400x3.5/2.5x30 Z=96	251.07
P0505011	400x3.5/2.5x30 Z=120	280.16
P0505012	450x3.8/2.8x30 Z=108	345.57
P0505014	500x4.0/2.8x30 Z=120	450.64

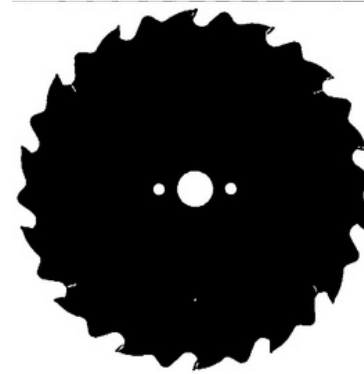
As above premium (PI-505) GS (ATB) Premium

SP0505001	250x3.2/2.2x30 Z=60	146.75
SP0505002	250x3.2/2.2x30 Z=80	153.34
SP0505003	300x3.2/2.2x30 Z=60	149.38
SP0505004	300x3.2/2.2x30 Z=72	149.38
SP0505005	300x3.2/2.2x30 Z=96	162.57
SP0505006	315x3.2/2.2x30 Z=72	172.46
SP0505007	315x3.2/2.2x30 Z=100	225.20
SP0505008	350x3.2/2.2x30 Z=84	215.31
SP0505009	350x3.2/2.2x30 Z=108	258.16
SP0505010	400x3.5/2.5x30 Z=96	262.12
SP0505011	400x3.5/2.5x30 Z=120	290.58
SP0505012	450x3.8/2.8x30 Z=108	364.30
SP0505013	450x4.8/3.5x30 Z=138	446.70
SP0505014	500x4.0/2.8x30 Z=120	455.41
SP0505015	500x4.8/3.5x30 Z=144	516.98

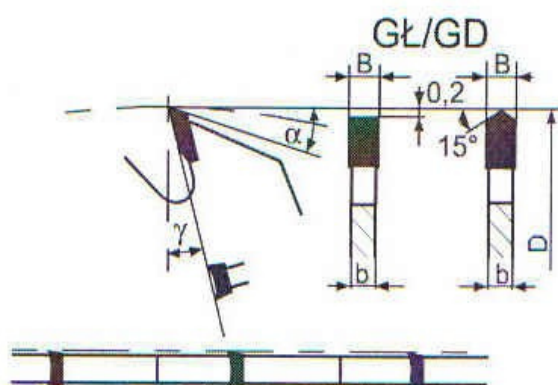
General Purpose Fine Teeth PI-505 GS (ATB) V&T

P0501226	230x3.2/2.2x30 Z=72	145.34
P0501477	255x3.2/2.2x30 Z=60 Neg	142.30
P0501478	255x3.2/2.2x30 Z=80 Neg	160.74
P0500020	315x3.2x30 TCT PI-505 VT z=100	201.64
P0501147	305x3.2x30 TCT PI-505 z=60N GS	157.29
P0501714	305x3.3x30 TCT PI-505 z=80N GS	187.11

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

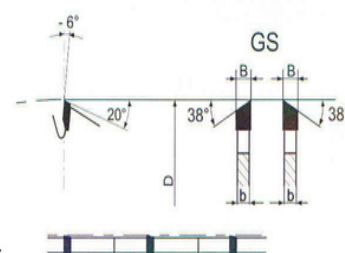
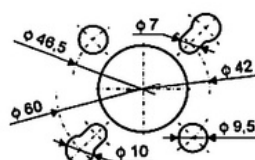


General purpose cutting with triple chip fine pitch (PI-506VT) (V=Quiet Body) (T=Hard Tip) (S=Super Hard Tip)		
P0605001	250 x 3.2/2.2 x 30 Z=60VT	153.65
P0605002	250 x 3.2/2.2 x 30 Z=80VT	160.05
P0605003	300 x 3.2/2.2 x 30 Z=60VT	124.02
P0605005	300 x 3.2/2.2 x 30 Z=96VT	161.16
P0605007	315 x 3.2/2.2 x 30 Z=100VT	221.56
P0605009	350 x 3.2/2.2 x 30 Z=108VT	238.96
P0605011	400 x 3.5/2.5 x 30 Z=120VT	291.13
SP0605002	250 x 3.2/2.2 x 30 Z=80VS	176.89
SP0605003	300 x 3.2/2.2 x 30 Z=60VS	171.60
SP0605005	300 x 3.2/2.2 x 30 Z=96VS	178.00
SP0605007	315 x 3.2/2.2 x 30 Z=100VS	247.59
SP0605009	350 x 3.2/2.2 x 30 Z=108VS	274.31
SP0605011	400 x 3.5/2.5 x 30 Z=120VS	328.85



Rip saws with anti kick backs (PI-509) GS 23° GM Flat EV02

P0900100-2	300x3.6/2.3x30 Z=14	73.07
P0900101-2	350x3.9/2.6x30 Z=16	89.35
P0800102-2	400x4.0/2.7x30 Z=18	109.67
P0800103-2	450x4.5/3.1x30 Z=20	163.53

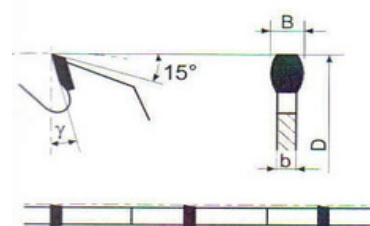


Standard saw blades type PI-512 with diameter from 250 up to 350 are made with following pine holes: 2x10x60 + 2x7x42 + 2x9,5x46,5

38° precise cutting (PI-512) VT ATB

P1200002-15	250x3.2/2.2x30 Z=80	194.48
P1200001-15	300x3.2/2.2x30 Z=96	219.78
P1200004-15	350x3.5/2.5x30 Z=108	281.23

GM-B



Blades for wet hardwood (PI-513) GM-B

SP1300500	250x3.0/2.0x30 Z=32	128.55
SP1300501	300x3.2/2.2x30 Z=36	141.21

Speical blades for hard materials (PI-507S) Pointed T/C

P0700203	250x3.2/2.2x30 Z=48	137.50
P0700116	303x3.2/2.2x30 Z=60	158.22
P0700121	303x3.2/2.2x30 Z=60 Neg	158.22
P0700068	350x3.2/2.2x30 Z=72	191.71
P0700120	400x3.5/2.5x30 Z=84	282.42

PI-507VS Premium Pointed T/C

SP0700200	250x3.2/2.2x30 Z=52 VS Premium	146.69
SP0700201	303x3.2/2.2x30 Z=64 VS Premium	187.88
SP0700202	350x3.2/2.2x30 Z=76 VS Premium	225.60

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

For panel sizing (PI-521) VT		
P2105001	300x4.4/3.0x30 Z=60 VT	221.90
P2105002	300x4.4/3.0x60 Z=60 VT	221.92
P2105003	300x4.4/3.0x65 Z=60 VT	221.90
P2105004	300x4.4/3.0x80 Z=60 VT	221.90
P2105005	300x4.4/3.0x60 Z=72 VT	254.86
P2105006	300x4.4/3.0x75 Z=72 VT	254.86
P2105007	305x4.4/3.0x30 Z=60 VT	223.62
P2105008	310x4.4/3.0x60 Z=72 VT	254.86
P2105009	320x4.4/3.0x30 Z=72 VT	229.68
P2105010	320x4.4/3.0x65 Z=72 VT	229.68
P2105011	320x4.4/3.0x75 Z=72 VT	229.68
P2105012	320x4.4/3.0x80 Z=72 VT	229.68
P2105013	330x4.4/3.0x80 Z=72 VT	230.74
P2105014	350x4.4/3.0x30 Z=72 VT	268.05
P2105015	350x4.4/3.0x60 Z=72 VT	268.05
P2105016	350x4.4/3.0x80 Z=72 VT	268.05
P2105017	355x4.4/3.0x30 Z=72 VT	268.05
P2105018	355x4.4/3.0x60 Z=72 VT	268.05
P2105019	355x4.4/3.0x65 Z=72 VT	268.05
P2105020	355x4.4/3.0x75 Z=72 VT	268.05
P2105021	355x4.4/3.0x80 Z=72 VT	268.05
P2105022	360x4.4/3.0x80 Z=72 VT	278.60
P2105023	370x4.4/3.0x80 Z=72 VT	284.00
P2105111	380x4.4/3.0x30 Z=72 VT	297.71
P2105024	380x4.4/3.0x60 Z=72 VT	297.71
P2105025	380x4.4/3.0x65 Z=72 VT	297.71
P2105026	380x4.4/3.0x75 Z=72 VT	297.71
P2105027	380x4.6/3.5x80 Z=72 VT	300.48
P2105028	380x4.8/3.5x60 Z=72 VT	323.56
P2105029	400x4.4/3.2x30 Z=72 VT	308.26
P2105030	400x4.4/3.2x60 Z=72 VT	308.26
P2105031	400x4.4/3.2x75 Z=72 VT	296.66
P2105032	400x4.4/3.2x80 Z=72 VT	308.26
P2105033	420x4.6/3.2x80 Z=72 VT	319.21
P2105034	420x4.8/3.5x60 Z=72 VT	337.27
P2105110	430x4.8/3.5x30 Z=72 VT	316.44
P2105035	430x4.4/3.2x65 Z=72 VT	316.44
P2105036	430x4.4/3.2x75 Z=72 VT	316.44
P2105037	430x4.4/3.2x80 Z=72 VT	316.44
P2105038	450x4.4/3.2x30 Z=72 VT	330.15
P2105039	450x4.4/3.2x80 Z=72 VT	330.15
P2105040	450x4.8/3.5x60 Z=72 VT	350.32
P2105041	460x4.4/3.2x30 Z=72 VT	340.04
P2105042	470x4.4/3.3x75 Z=72 VT	349.40
P2105060	470x4.4/3.3x70 Z=72 VT	371.95
P2105043	480x4.4/3.2x30 Z=72 VT	349.40
P2105044	480x4.4/3.2x80 Z=72 VT	371.95
P2105045	500x4.8/3.5x60 Z=72 VT	384.60
P2105046	520x4.8/3.5x60 Z=72 VT	419.67
P2105047	520x4.8/3.5x70 Z=72 VT	419.67
P2105061	570x4.8/3.5x60 Z=72 VT	464.24
P2105048	600x5.8/4.5x60 Z=72 VT	559.30
P2105049	620x6.2/4.5x40 Z=60 VT	630.11
P2105050	670x5.8/4.5x60 Z=60 VT	668.61
P2105051	720x6.5/5.5x40 Z=60 VT	779.62
P2105052	730x6.2/5.2x60 Z=60 VT	760.90

For panel sizing (PI-521)S		
SP2105001	300x4.4/3.0x30 Z=60 VS	232.98
SP2105002	300x4.4/3.0x60 Z=60 VS	232.98
SP2105003	300x4.4/3.0x65 Z=60 VS	232.98
SP2105004	300x4.4/3.0x80 Z=60 VS	232.98
SP2105005	300x4.4/3.0x60 Z=72 VS	265.41
SP2105006	300x4.4/3.0x75 Z=72 VS	265.41
SP2105007	305x4.4/3.0x30 Z=60 VS	232.98
SP2105008	310x4.4/3.0x60 Z=72 VS	267.52
SP2105009	320x4.4/3.0x30 Z=60 VS	239.57
SP2105010	320x4.4/3.0x65 Z=60 VS	239.57
SP2105011	320x4.4/3.0x75 Z=60 VS	240.10
SP2105012	320x4.4/3.0x80 Z=60 VS	239.57
SP2105013	330x4.4/3.0x80 Z=72 VS	240.10
SP2105014	350x4.4/3.0x30 Z=72 VS	279.12
SP2105015	350x4.4/3.0x60 Z=72 VS	279.12
SP2105016	350x4.4/3.0x80 Z=72 VS	279.12
SP2105017	355x4.4/3.0x30 Z=72 VS	279.12
SP2105018	355x4.4/3.0x60 Z=72 VS	279.12
SP2105019	355x4.4/3.0x65 Z=72 VS	279.12
SP2105020	355x4.4/3.0x75 Z=72 VS	279.12
SP2105021	355x4.4/3.0x80 Z=72 VS	279.12
SP2105022	360x4.4/3.0x80 Z=72 VS	301.01
SP2105023	370x4.4/3.0x80 Z=72 VS	313.14
SP2105111	380x4.4/3.0x30 Z=72 VS	313.14
SP2105024	380x4.4/3.0x60 Z=72 VS	313.14
SP2105025	380x4.4/3.0x65 Z=72 VS	313.14
SP2105026	380x4.4/3.0x75 Z=72 VS	313.14
SP2105027	380x4.6/3.5x80 Z=72 VS	317.49
SP2105028	380x4.8/3.5x60 Z=72 VS	334.63
SP2105029	400x4.4/3.2x30 Z=72 VS	323.56
SP2105030	400x4.4/3.2x60 Z=72 VS	323.56
SP2105031	400x4.4/3.2x75 Z=72 VS	323.56
SP2105032	400x4.4/3.2x80 Z=72 VS	323.56
SP2105033	420x4.6/3.2x80 Z=72 VS	334.63
SP2105034	420x4.8/3.5x60 Z=72 VS	349.40
SP2105110	430x4.8/3.5x30 Z=72 VS	330.15
SP2105035	430x4.4/3.2x65 Z=72 VS	330.15
SP2105036	430x4.4/3.2x75 Z=72 VS	330.15
SP2105037	430x4.4/3.2x80 Z=72 VS	330.15
SP2105038	450x4.4/3.2x30 Z=72 VS	345.05
SP2105039	450x4.4/3.2x80 Z=72 VS	345.05
SP2105040	450x4.8/3.5x60 Z=72 VS	366.41
SP2105041	460x4.4/3.2x30 Z=72 VS	359.29
SP2105042	470x4.4/3.3x75 Z=72 VS	366.41
SP2105060	470x4.8/3.5x75 Z=72 VS	427.45
SP2105043	480x4.4/3.2x30 Z=72 VS	366.41
SP2105044	480x4.8/3.5x80 Z=72 VS	381.83
SP2105045	500x4.8/3.5x60 Z=72 VS	403.85
SP2105046	520x4.8/3.5x60 Z=72 VS	443.93
SP2105047	520x4.8/3.5x70 Z=72 VS	443.93
SP2105061	570x4.8/3.5x60 Z=72 VS	488.37
SP2105048	600x5.8/4.5x60 Z=72 VS	585.14
SP2105049	620x6.2/5.0x40 Z=60 VS	662.01
SP2105050	670x5.8/4.5x60 Z=60 VS	702.62
SP2105051	720x6.5/5.0x40 Z=60 VS	819.18
SP2105052	730x6.2/5.0x60 Z=60 VS	798.74

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

Panel Saws (PI-521V) NG		
P2102100	305x4.4/3.0x30 Z=60 V NG	312.61
P2102101	320x4.4/3.0x65 Z=60 V NG	325.27
P2102102	320x4.4/3.0x30 Z=60 V NG	328.57
P2102103	350x4.4/3.0x30 Z=72 V NG	377.48
P2102104	350x4.4/3.0x60 Z=72 V NG	377.48
P2102105	350x4.4/3.0x75 Z=72 V NG	377.48
P2102106	350x4.4/3.0x80 Z=72 V NG	377.48
P2102107	380x4.4/3.0x60 Z=72 V NG	425.74
P2102108	380x4.8/3.5x60 Z=72 V NG	455.93
P2102109	400x4.4/3.2x30 Z=72 V NG	442.75
P2102110	400x4.4/3.2x60 Z=72 V NG	442.75
P2102111	420x4.6/3.2x80 Z=72 V NG	455.93
P2102112	450x4.4/3.2x30 Z=72 V NG	475.71
P2102113	450x4.4/3.2x60 Z=72 V NG	475.71
P2102114	450x4.4/3.2x80 Z=72 V NG	475.71
P2102115	450x4.8/3.5x80 Z=72 V NG	503.27
P2102116	450x4.8/3.5x60 Z=72 V NG	503.27
P2102117	460x4.4/3.3x30 Z=72 V NG	493.91

Aluminium & UPVC cutting saw blades positive rake (PI-531)		
P3100002	250x3.2/2.6x30 Z=80	155.98
P3100004	300x3.2/2.6x30 Z=96	184.06
P3100005	330x3.2/2.6x30 Z=102	221.37
P3100007	350x3.2/2.6x30 Z=108	238.38
P3100008	400x3.8/3.2x30 Z=96	258.82
P3101250	500x4.0/3.4x30 Z=120	410.45
P3102105	500x4.0/3.4x32 Z=120	409.26
P3102061	200x2.2/1.6x30 Z=80GS	168.77
P3101224	350x3.5/2.8x30 Z=84	192.91
P3101535	550x4.0/3.0x30 Z=132	537.27
Premium blades (PI-531)		
SP3106031	500x4.0/3.4x30 Z=120GA	506.87
SP3106036	550x4.0/3.4x30 Z=132GA	671.51

Aluminium & UPVC cuting saw blades negative rake (PI-530)		
P3000181	216x3.2/2.6x30 Z=64	118.14
P3000001	250x3.2/2.6x30 Z=60	117.08
P3000002	250x3.2/2.6x30 Z=80	152.68
P3000003	300x3.2/2.6x30 Z=72	151.63
P3000382	300x3.2/2.6x30 Z=96	184.06
P3000005	350x3.8/3.2x30 Z=84	190.13
P3000654	200x2.2/1.8x32 Z=100	169.16
P3000450	250x2.6/2.0x30 Z=100	181.29
P3000051V	300x3.2/2.6x30 Z=96	197.77
P3000114	330x3.2/2.6x30 Z=102	220.85

P3000006	350x3.8/3.2x30 Z=108	243.39
P3000043	350x3.8/3.2x32 Z=108	243.39
P3000007	400x3.8/3.2x30 Z=96	258.82
P3000392	400x3.8/3.2x32 Z=96	258.82
P3000008	400x3.8/3.2x30 Z=120	294.42
P3000314	400x3.8/3.2x32 Z=120	294.42
P3000377	500x4.6/4.0x30 Z=120	410.43
P3000009	450x3.8/3.2x30 Z=108	280.26
P3000031	200x3.2/2.6x30 Z=64	104.97
P3000693	200x2.2/1.6x30 Z=100	184.59
P3002617	200x2.8/2.0x30 Z=100GA	213.43
P3000696	210x2.2/1.6x30 Z=100	213.80
P3001840	216x2.6/2.0x30 Z=80	169.31
P3000527	230x3.2/2.6x30 Z=72	156.59
P3001944	250x2.2/1.6x30 Z=120	264.55
P3000794	275x2.6/2.0x30 Z=100	243.41
P3001959	300x2.2/1.6x30 Z=120	225.03
P3003509	300x3.2/2.2x30 Z=120	271.61
P3000112	330x3.2/2.6x30 Z=102V	247.47
P3000444	450x4.0/3.2x30 Z=96	247.36
P3003479	450x3.8/3.2x30 Z=108V	304.43
P3000010	450x3.8/3.2x30 Z=144	337.04
P3000458	500x4.2/3.0x30 Z=160	495.16
P3101224	350x3.5/3.0x30 z=84	166.64
P3000511	550x4.3/3.5x30 z=140	624.36
Premium blades (PI-530)		
SP3006006	300x3.2/2.6x30 Z=72GA	211.13
SP3006013	350x3.6/3.0x30 Z=108GA	306.18
SP3006018	400x3.6/3.0x30 Z=96GA	325.94
SP3006019	400x3.6/3.0x32 Z=96GA	325.39
SP3006029	450x4.2/3.5x30 Z=102GA	403.60
SP3006030	450x 4.2/3.5x30 Z=120 GA	368.81
SP3006033	500x4.2/3.5x30 Z=120GA	533.45
SP3006034	500x4.4/3.8x30 Z=120GA	679.03
SP3006038	550x4.4/3.8x30 Z=132GA	679.03
(PI-530) V		
P3000494	380x3.8/3.2x32 Z=110V	301.50
P3000134	420x3.8/3.2x30 Z=108V	342.81
P3003951	420x3.8/3.2x30 Z=132V	398.18
P3002071	500x4.6/4.0x30 Z=120	476.21

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

Wood slotting saws (PI-402)		
S0200001	150x2.8/2.0x30 Z=24	82.93
S0200002	150x3.0/2.0x30 Z=36	78.05
S0200003	150x3.2/2.2x30 Z=36	78.05
S0200232	150x3.2/2.2x40 Z=36	78.05
S0200004	150x3.4/2.2x30 Z=36	78.05
S0200006	150x4.0/3.0x30 Z=36	81.88
S0200011	160x3.2/2.2x30 Z=36	78.05
S0201855	200x3.0/2.0x40 Z=48	71.99
S0200014	200x3.2/2.2x30 Z=24	71.99
S0200015	200x3.2/2.2x30 Z=36	83.46
S0200249	200x3.2/2.2x40 Z=36	83.46
S0200077	200x4.0/3.0x30 Z=48	103.90
Wood slotting saws (PI-402) T/S		
S0200031T	150x3.2/2.2x30 Z=36T	83.46
S0201043T	150x4.0/3.0x30 Z=36T	87.42
S0200697S	150x4.0/3.0x30 Z=36S	91.77
S0203575T	150x5.0/3.5x30 Z=36T	98.36
S0201799T	150x6.0/4.0x30 Z=36T	103.90
S0200243T	150x8.0/5.0x30 Z=36T	109.83
S0201110T	200x3.0/2.0x30 Z=48T	97.30
S0200516T	200x3.2/2.2x30 Z=48T	97.30
S0201124T	200x3.2/2.2x30 Z=60T	109.83

Wood slotting saw blades left & right hand hoggers (PI-404 T&S)		
S0400001 T	180x3.2/2.2x65 Z=48 R/H (T)	134.62
S0400002 T	180x3.2/2.2x65 Z=48 L/H (T)	134.62
S0400358 T	180x3.2/2.2x65 Z=54 R/H (T)	146.09
S0400359 T	180x3.2/2.2x65 Z=54 L/H (T)	146.09
S0400511 S	220x4.0/2.8x80 Z=48 R/H (S)	185.64
S0400510 S	220x4.0/2.8x80 Z=48 L/H (S)	185.64
S0400820 T	250x4.4/2.8x80 Z=54 R/H (T)	198.83
S0400821 T	250x4.4/2.8x80 Z=54 L/H (T)	198.83

Wood slotting saws left & right hand hoggers (PI-406) T		
S0600021	200x4.0/2.8x80 Z=60 R/H	175.23
S0600022	200x4.0/2.8x80 Z=60 L/H	178.00
S0600007	250x4.0/3.0x80 Z=72 R/H	185.64
S0600008	250x4.0/3.0x80 Z=72 L/H	185.64
S0600011	250x4.0/3.0x100 Z=72 R/H	185.64
S0600012	250x4.0/3.0x100 Z=72 L/H	185.64

Wood slotting saws (PI-403)		
S0300001 T	180x3.2/2.2x50 Z=36	135.67
S0300002 T	180x3.2/2.2x50 Z=48	147.28
S0300029 S	180x3.2/2.2x50 Z=48	154.92
S0300005 T	200x3.2/2.2x50 Z=60	166.52

Wood slotting saws (PI-401)		
S0100002	100x3.2/2.2x30 Z=18	64.87
S0100004	100x3.4/2.2x22 Z=18	64.87
S0100003	100x3.4/2.2x30 Z=18	64.87
S0100005	100x4.0/3.0x30 Z=18	68.69
S0100010	125x2.5/1.8x30 Z=12	49.44
S0100011	125x3.0/2.0x30 Z=12	49.44
S0100013	125x3.2/2.0x30 Z=12	49.44
S0100023	125x3.4/2.2x30 Z=24	81.35
S0100025	125x3.4/2.2x30 Z=36	93.35
S0100018	125x4.0/3.0x30 Z=12	51.16
S0100052	125x4.0/3.0x30 Z=24	90.71
S0100019	125x5.0/3.5x30 Z=12	65.92
S0100020	125x6.0/4.0x30 Z=12	76.34
S0100021	125x8.0/5.0x30 Z=12	86.23

Wood slotting saws (PI-401) T&S		
S0100717 T	125x3.2/2.2x20 Z=36 T	95.59
S0100850 T	125x3.2/2.2x30 Z=36 T	95.59
S0100263 T	125x3.4/2.2x20 Z=24 T	84.12
S0100200 T	125x3.4/2.2x20 Z=36 T	95.59
S0100673 S	125x3.4/2.2x20 Z=36 S	101.66
S0100596 T	125x3.4/2.2x22 Z=36 T	95.59
S0101288 S	125x3.4/2.2x22 Z=36 S	101.66

BANDSAW BLADES

PREMIUM QUALITY CARBON

Hard back carbon alloy single pitch. 62-64 Rockwell tooth hardness. Cuts harder, more abrasive materials with hardened and tempered teeth, allows greater feed pressure.

		3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"
		5mm	6mm	Extra set 10mm	Extra set 13mm	16mm	20mm	27mm	32mm
		.025"	.025"	.025"	.032"	.032"	.032"	.035"	.032"
FEET	MM	0.6mm	0.6mm	0.6mm	0.8mm	0.8mm	0.9mm	0.9mm	0.8mm
8'-0"	2430	17.67	15.16	15.42	15.96	20.44	21.95	27.06	
9'-0"	2740	18.96	16.15	1 6.43	17.03	21.84	23.57	29.05	
10'-0"	3050	20.26	17.12	1 7.45	18.09	23.26	25.16	31.07	
11'-0"	3350	21.55	18.11	1 8.45	19.18	24.65	26.74	33.08	44.56
12'-0"	3660	22.83	19.07	1 9.46	20.26	26.06	28.33	35.09	47.29
13'-0"	3960	24.12	20.05	2 0.48	21.33	27.45	29.91	37.10	49.98
14'-0"	4270	25.40	21.03	2 1.48	22.38	28.84	31.50	39.12	52.70
15'-0"	4570	26.71	22.00	2 2.52	23.48	30.26	33.08	41.12	55.39
16'-0"	4880	27.99	22.97	2 3.49	24.54	31.65	34.68	43.14	58.13
17'-0"	5180	29.27	23.96	2 4.52	25.62	33.06	36.28	45.15	60.84
18'-0"	5490	30.57	24.92	2 5.51	26.68	34.45	37.89	47.13	63.55
19'-0"	5790	31.85	25.91	2 6.54	27.77	35.86	39.46	49.19	66.28
20'-0"	6100	33.16	26.88	2 7.53	28.84	37.26	41.05	51.18	68.98
21'-0"	6400	34.42	27.87	2 8.55	29.91	38.67	42.63	53.18	71.68
22'-0"	6700	35.72	28.82	2 9.55	30.98	40.06	44.23	55.21	74.41
23'-0"	7010	37.01	29.80	3 0.57	32.08	41.47	45.81	57.23	77.11
24'-0"	7320	38.30	30.78	3 1.57	33.13	42.87	47.40	59.22	79.41
25'-0"	7620	39.60	31.75	3 2.58	35.45	44.28	49.00	61.24	82.54
26'-0"	7920	40.88	32.72	3 3.58	35.30	45.67	50.60	63.25	85.26
27'-0"	8230	42.17	33.69	3 4.60	36.35	47.05	52.17	65.25	87.99
28'-0"	8530	44.25	34.67	3 5.61	37.45	48.45	53.76	67.27	90.69
29'-0"	8840	44.74	35.65	3 6.61	38.52	49.87	55.34	69.27	93.41
30'-0"	9140	44.36	35.29	3 6.24	38.13	49.39	54.86	68.68	81.51

Use the nearest price over welded length required

M42 BI-METAL BANDSAW BLADES

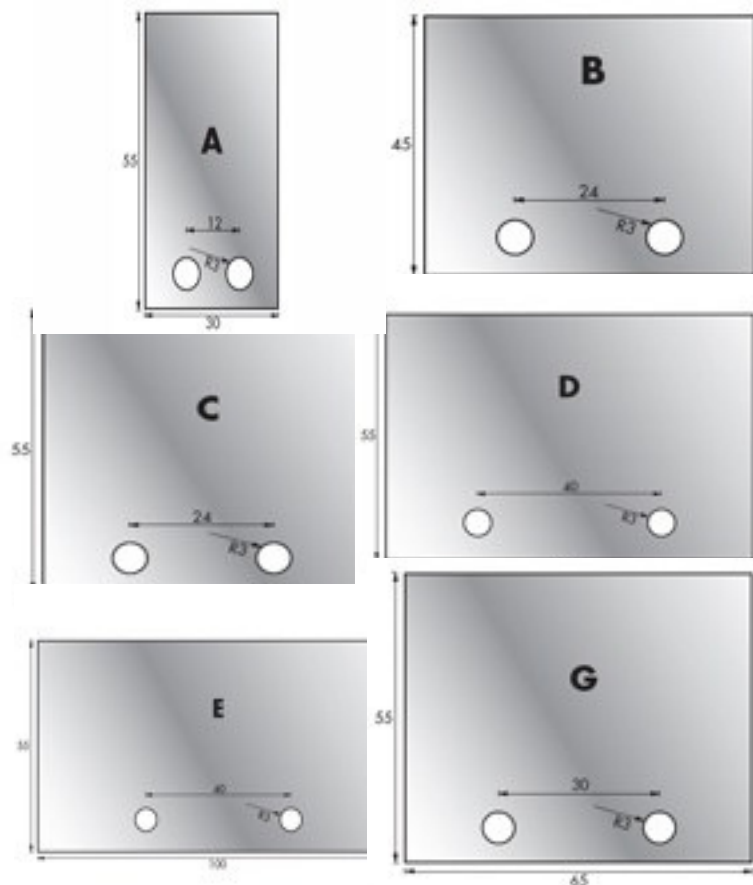
Feet	mm	1/4"	1/2"	3/4"	1"	1.1/4"	1.1/2"
8'-0"	2440	62.38	59.98	62.47	66.79		
8'-6"	2590	63.02	63.02	65.64	70.15		
9'-0"	2745	66.06	66.06	68.10	73.49		
9'-6"	2895	69.08	69.09	71.96	76.82		
10'-0"	3050	72.16	72.12	75.12	80.17		
10'-6"	3200	75.16	75.16	78.29	83.50	102.45	
11'-0"	3350	78.20	78.20	81.45	86.85	106.55	
11'-6"	3505	81.24	81.24	84.61	90.19	110.65	
12'-0"	3660	84.28	84.28	87.78	93.53	114.76	
12'-6"	3810		87.32	90.91	96.87	118.86	
13'-0"	3960		90.36	94.10	100.21	122.96	
13'-6"	4115		93.38	97.27	103.56	127.06	
14'-0"	4265		96.37	100.39	106.86	131.11	
14'-6"	4420		96.46	103.59	110.24	135.28	
15'-0"	4570		102.50	106.75	113.57	139.38	
15'-6"	4725		105.54	109.92	116.91	143.48	204.85
16'-0"	4875		108.57	112.10	120.25	149.08	
16'-6"	5030				123.60	151.69	
17'-0"	5180				126.94	155.79	
17'-6"	5335				130.28	159.89	
18'-0"	5485				133.62	163.99	
18'-6"	5640				136.90	168.09	
19'-0"	5790				140.31	172.19	
19'-6"	5945				143.65	176.30	
20'-0"	6095				146.99	180.40	
20'-6"	6249						
21'-0"	6400						
21'-6"	6555						
22'-0"	6705						
22'-6"	6860						
23'-0"	7010						
23'-6"	7160						
24'-0"	7315						
24'-6"	7465						
25'-0"	7620						



Use the nearest price over welded length required

SERRATED & WHITEHILL CUTTER BLANKS

H x S Length (mm)	40 x 8	50 x 8	60 x 8	70 x 8	80 x 8
30	3.53	4.13	4.70	5.25	5.81
40	4.70	5.51	6.26	6.99	7.75
50	5.88	6.89	7.83	8.74	9.68
60	7.05	8.26	9.39	10.49	11.62
70	8.23	9.64	10.96	12.24	13.56
80	9.40	11.02	12.52	13.99	15.49
100	11.75	13.77	15.65	17.49	19.37
130	15.28	17.91	20.35	22.73	25.18
150	17.63	20.66	23.48	26.23	29.05
180	21.15	24.79	28.18	31.48	34.86
210	24.68	28.92	32.87	36.72	40.67
230	27.03	31.68	36.00	40.22	44.55
260	30.56	35.81	40.70	45.47	50.36



Whitehall Cutters & Limiters Blanks		
A Cutters	30 x 55 x 6mm	10.00
A Limiters	28.25 x 54 x 4mm	7.25
B Cutters	53 x 45 x 4 mm	9.85
B Limiters	53 x 44 x 4mm	9.40
C Cutters	55 x 55 x 6mm	13.20
C Limiters	53 x 44 x 4mm	10.50
D Cutters	80 x 55 x 6mm	17.25
D Limiters	78 x 54 x 4mm	15.85
E Cutters	100 x 55 x 6mm	19.75
E Limiters	98 x 54 x 4mm	14.00
G Cutters	65 x 55 x 6mm	14.85
G Limiters	63 x 54 x 4mm	11.00

UNIVERSAL SAFETY CUTTERHEADS



Size	Material	# Teeth	Price
78 (90mm) x 40 x 30	Steel	Z = 2+2	76.04
93 (105mm) x 40 x 30/31.75	Steel	Z = 2+2	76.04
100 (112mm) x 40 x 30/31.75	Alloy	Z = 2+2	89.47
120 (132mm) x 40 x 30/31.75	Steel	Z = 2+2	89.47
114 (128mm) x 40/50 x 30/31.75	Steel	Z = 2+2	89.47

Blank knife		Price
Blank knife 40 x 32.5	Pair	6.65
Blank limiter 38 x 32.5	Pair	4.92
Blank knife 50 x 32.5	Pair	16.26
Blank limiter	Pair	13.92

PRE-PROFIED KNVIES & LIMITERS

40mm	Cutter	Limiter
1 - 134 Pair	11.07	10.45
170 - 177 Pair	11.07	10.45
191 Pair	9.02	5.51
211 - 212 Pair	9.02	10.41
50mm	Cutter	Limiter
Rebate 000 Pair	16.26	13.22
1 - 20 Pair	25.17	21.06
23 & 24 Pair	25.17	21.06
41 - 89 Pair	25.17	21.06

40mm TCT	Cutter	Limiter
16 & 17 Pair	47.08	10.45
66 Pair	39.84	10.45
75 Pair	47.08	10.45
83 & 84 Pair	47.08	10.45
90 Pair	47.08	10.45
92 Pair	47.08	10.45
97 Pair	47.08	10.45
100 Pair	39.84	10.45
119 Pair	39.84	10.45
211 & 212 Pair	39.84	10.45

CYLINDER BORING BITS WITH CARBIDE TIPS FOR HINGE BOXES

15 x 57 x 8	2+2	RH	24.98
20 x 57 x 8	2+2	RH	27.34
25 x 57 x 8	2+2	RH	28.69
35 x 57 x 8	2+2	RH	36.34
15 x 57 x 10	2+2	R&L/H	21.83
16 x 57 x 10	2+2	RH	22.50
17 x 57 x 10	2+2	R&L/H	22.05
18 x 57 x 10	2+2	RH	23.40
19 x 57 x 10	2+2	R&L/H	23.40
20 x 57 x 10	2+2	RH	23.85
22 x 57 x 10	2+2	R&L/H	16.20
24 x 57 x 10	2+2	RH	24.30
25 x 57 x 10	2+2	R&L/H	25.20
26 x 57 x 10	2+2	RH	25.99
30 x 57 x 10	2+2	R&L/H	31.50
34 x 57 x 10	2+2	R&L/H	31.50
35 x 57 x 10	2+2	R&L/H	31.50

40 x 57 x 10	2+2	R/H	34.54
45 x 57 x 10	2+2	RH	39.83
50 x 57 x 10	2+2	RH	40.05
55 x 57 x 10	2+2	RH	43.99
60 x 57 x 10	2+2	RH	45.36
50 x 10 x 70	2+2	RH	45.36
15 x 70 x 10	2+2	RH	23.63
20 x 70 x 10	2+2	RH	25.20
25 x 70 x 10	2+2	RH	26.44
35 x 70 x 10	2+2	R/H	34.09
50 x 70 x 10	2+2	R&L/H	43.99
15 x 90 x 10	2+2	R&L/H	30.60
20 x 90 x 10	2+2	R&L/H	33.08
25 x 90 x 10	2+2	RH	34.76
35 x 90 x 10	2+2	RH	43.76
40 x 90 x 10	2+2	RH	48.15
50 x 90 x 10	2+2	RH	55.80

MORTICE CHISELS

Mortice Chisels (Premium NH)			
Size	mm	Complete	Bit only
1/4"	6.35mm	82.49	30.53
5/16"	7.94mm	83.87	26.99
3/8"	9.53mm	91.08	32.26
3/8"	9.53 mm Long Reach	150.78	
7/16"	11.12mm	107.40	38.91
1/2"	12.70mm	105.82	44.30
1/2"	12.70 Long Reach mm	163.68	
9/16"	14.29mm	115.01	44.08
5/8"	15.88mm	122.66	47.56
5/8"	15.88 Long Reach mm	169.87	
3/4"	19.05mm	164.20	57.73
7/8"	22.23mm	170.20	
1"	25.40mm	213.49	80.72



Mortice Chisels (Japanese Type)		
Size	mm	Value
1/4"	6.35mm	47.87
5/16"	7.94mm	47.87
3/8"	9.53mm	47.87
7/16"	11.12mm	52.30
1/2"	12.70mm	52.30
9/16"	14.29mm	60.73
5/8"	15.88mm	60.73
3/4"	19.05mm	86.97
7/8"	22.23mm	106.81
1"	25.40mm	141.08

PROFILE CUTTERS

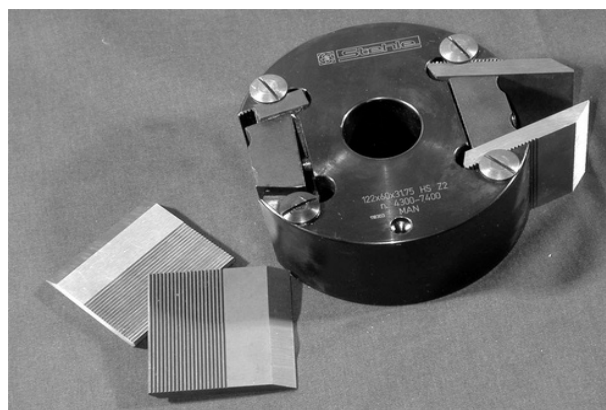
TCT Serrated Cutter (each)		
Dimensions	Group	Price
40x60x8	Group 1	171.24
40x70x8	Group 2	188.46
60x50x8	Group 1	148.03
60x50x8	Group 2	145.01
60x60x8	Group 1	145.01
60x60x8	Group 2	161.13
60x70x8	Group 1	159.48
80x50x8	Group 1	141.37
80x50x8	Group 2	158.34
100x50x8	Group 1	156.89
100x50x8	Group 2	174.34
100x60x8	Group 2	193.70
HSS Serrated Profile (each)		
40x50x8	Group 1	46.03
40x50x8	Group 2	51.38
40x60x8	Group 1	51.38
40x60x8	Group 2	57.08
40x70x8	Group 1	56.53
40x70x8	Group 2	62.82
60x50x8	Group 1	49.35
60x50x8	Group 2	54.83
60x60x8	Group 1	54.83
60x60x8	Group 2	60.91
60x70x8	Group 1	60.30
60x70x8	Group 2	67.01
60x80x8	Group 2	88.37
80x50x8	Group 1	53.45
80x50x8	Group 2	59.40
80x60x8	Group 1	59.40
80x60x8	Group 2	65.98
80x70x8	Group 1	65.32
80x70x8	Group 2	72.60
80x80x8	Group 2	98.89
100x50x8	Group 1	59.32
100x50x8	Group 2	65.91
100x60x8	Group 1	65.91
100x60x8	Group 2	73.23
100x60x8	Group 3	89.28
100x70x8	Group 1	72.50
100x70x8	Group 2	80.54
100x80x8	Group 2	119.48
130x50x8	Group 1	70.77
130x50x8	Group 2	78.61
130x60x8	Group 1	78.61
130x60x8	Group 2	87.35
130x70x8	Group 1	86.48

HSS Serrated Profile (each) cont		
130x70x8	Group 2	96.08
130x80x8	Group 2	134.32
130x80x8	Group 3	174.63
150x50x8	Group 1	79.25
150x50x8	Group 2	88.07
150x60x8	Group 1	88.07
150x60x8	Group 2	97.86
150x70x8	Group 1	96.88
150x70x8	Group 2	107.62
150x80x8	Group 1	136.44
170x80x8	Group 2	157.45
180x50x8	Group 1	95.12
180x50x8	Group 2	103.97
180x60x8	Group 2	112.81
180x70x8	Group 1	112.81
180x70x8	Group 2	121.67
180x80x8	Group 2	166.13
200x70x8	Group 1	125.14
230x50x8	Group 1	120.80
230x50x8	Group 2	134.08
230x60x8	Group 2	150.65

Serrated Cutterhead Power Feed



Serrated Cutterhead Manual



PROFILE CUTTERS

Euro Cutters per set of four

Product	Group	Price
TCT Euro Cutter 40x45	Group 1	225.16
TCT Euro Cutter 40x45	Group 2	247.62
TCT Euro Cutter 50x45	Group 1	236.38
TCT Euro Cutter 50x45	Group 2	260.07
HSS Euro Profile 40x45	Group 1	112.55
HSS Euro Profile 40x45	Group 2	123.79
HSS Euro Profile 40x45	Group 3	154.72
HSS Euro Profile 50x45	Group 1	118.17
HSS Euro Profile 50x45	Group 2	130.03
HSS Euro Profile 50x45	Group 3	165.65
HSS Euro Cutter 60x50	Group 1	140.09
HSS Euro Cutter 60x50	Group 2	155.05
HSS Euro Cutter 60x60	Group 2	170.65

Whitehill Cutters per set of four

Description	Group	Value
TCT Cutter (A) 30x55	2	351.99
TCT Cutter (B) 55x45	2	332.55
TCT Cutter (C) 55x55	2	359.98
TCT Cutter (D) 80x55	2	409.22
TCT Cutter (E) 100x55	2	426.91
TCT Cutter (G) 65x55	2	375.62
Cutter 60x80 Cone	-	234.33
Cutter 70x85 Large Cone	-	304.59
Cutter (A1) 30x45	1	131.79
Cutter (A1) 30x45	2	138.75
Cutter (A) 30x55	1	126.22
Cutter (A) 30x55	2	140.81
Cutter (B) 55x45	1	121.71
Cutter (B) 55x45	2	135.28
Cutter (C) 55x55	1	131.10
Cutter (C) 55x55	2	149.92
Cutter (D) 80x55	1	163.00
Cutter (D) 80x55	2	171.60
Cutter (E) 100x55	1	169.93
Cutter (E) 100x55	2	182.72
Cutter (F) 100x40	1	169.93
Cutter (F) 100x40	2	177.60
Cutter (G) 65x55	1	145.69
Cutter (G) 65x55	2	153.32
Cutter (P1) 55x30	1	121.40
Cutter (P1) 55x30	2	143.01
Cutter (P2) 80x35	1	163.01
Cutter (P2) 80x35	2	181.94



LIP & SPUR DRILLS RIGHT & LEFT HAND

Lip & Spur solid carbide			
Part No. (Right Hand)	Part No. (Left Hand)	Size	Price
K3500001	K3500002	3.0 x 10 x 57.5	15.54
K3500015	K3500016	3.5 x 10 x 57.5	17.48
K3500005	K3500006	4.0 x 10 x 57.5	12.37
K3500007	K3500008	5.0 x 10 x 57.5	11.45
K3500009	K3500010	6.0 x 10 x 57.5	13.90
K3500011	K3500012	8.0 x 10 x 57.5	20.55
K3500013	K3500014	10.0 x 10 x 57.5	36.08
K5100005	K5100006	3.0 x 10 x 70	17.07
K5100015	K5100016	3.5 x 10 x 70	19.11
K5100007	K5100008	4.0 x 10 x 70	14.00
K5100017	K5100018	4.5 x 10 x 70	19.73
K5100001	K5100002	5.0 x 10 x 70	12.67
K5100019	K5100020	5.5 x 10 x 70	20.03
K5100009	K5100010	6.0 x 10 x 70	15.95
K5100003	K5100004	8.0 x 10 x 70	22.38
K5100011	K5100012	10.0 x 10 x 70	48.65
K5800007	K5800008	5.0 x 10 x 77	19.11
K5800005	K5800006	5.5 x 10 x 77	21.47
K5800003	K5800000	6.0 x 10 x 77	21.87
K6800001	K6800001	5.0 x 10 x 90	22.69
K6800001	K6800001	5.5 x 10 x 90	25.04

Lip & Spur carbide tipped			
Part No. Right Hand	Part No. Left Hand	Size	Price
K0100005	K0100006	6.0 x 10 x 70	10.48
K0100019	K0100018	6.5 x 10 x 70	P.O.A
K0100007	K0100008	7.0 x 10 x 70	11.24
K0100021	K0100022	7.5 x 10 x 70	12.98
K0100009	K0100010	8.0 x 10 x 70	9.10
K0100056	K0100060	8.2 x 10 x 70	13.59
K0100023	K0100024	8.5 x 10 x 70	14.21
K0100025	K0100026	9.0 x 10 x 70	12.06
K0100011	K0100012	10.0 x 10 x 70	11.45
K0100027	K0100028	11.0 x 10 x 70	14.00
K0100013	K0100014	12.0 x 10 x 70	13.70
K0100029	K0100030	13.0 x 10 x 70	16.66
K0100033	K0100034	15.0 x 10 x 70	22.59
K0200003	K0200004	6.0 x 10 x 57.5	9.10
K0200015	K0200016	7.0 x 10 x 57.5	10.94
K0200013	K0200014	7.5 x 10 x 57.5	12.67
K0200005	K0200006	8.0 x 10 x 57.5	8.28
K0200019	K0200020	8.2 x 10 x 57.5	13.59
K0200007	K0200008	10.0 x 10 x 57.5	10.83
K0200023	K0200024	12.0 x 10 x 57.5	13.39
K0200031	K0200032	14.0 x 10 x 57.5	21.16
K0200025	K0200026	15.0 x 10 x 57.5	21.16
K0400023	K0400024	6.5 x 10 x 77	15.03
K0400025	K0400026	7.0 x 10 x 77	14.00
K0400009	K0400010	8.0 x 10 x 77	12.06
K0600015	K0600016	7.0 x 10 x 90	19.32
K0600001	K0600002	7.5 x 10 x 90	20.24
K0600013	K0400014	8.0 x 10 x 90	16.87
K0700005	K0400005	7.0 x 10 x 85	17.30



THRU DRILLS RIGHT & LEFT HAND

Solid Carbide Thru Drill Bits WP-15

Right Hand Cat No	Left Hand Cat No	Size	Price
K4700009	K4700010	3.0 x 10 x 70	18.71
K4700011	K4700012	4.0 x 10 x 70	15.33
K4700013	K4700014	4.5 x 10 x 70	22.69
K4700003	K4700004	5.0 x 10 x 70	14.00
K4700015	K4700016	5.5 x 10 x 70	21.26
K4700005	K4700006	6.0 x 10 x 70	17.48
K4700001	K4700002	8.0 x 10 x 70	23.41

Solid Carbide Thru Drill Bits WP-26

Right Hand Cat No	Left Hand Cat No	Size	Price
K7000001	K7000002	5.0 x 10 x 77	11.24
K7000003	K7000004	5.5 x 10 x 77	24.22
K7000005	K7000006	6.0 x 10 x 77	25.86

Solid Carbide Thru Drill Bits WP-35

Right Hand Cat No	Left Hand Cat No	Size	Price
K8100001	K8100002	5.0 x 10 x 77	11.24
K8100003	K8100004	6.0 x 10 x 77	30.05
K8100005	K8100006	8.0 x 10 x 77	32.20

Solid Carbide Thru Drill Bits WP-36

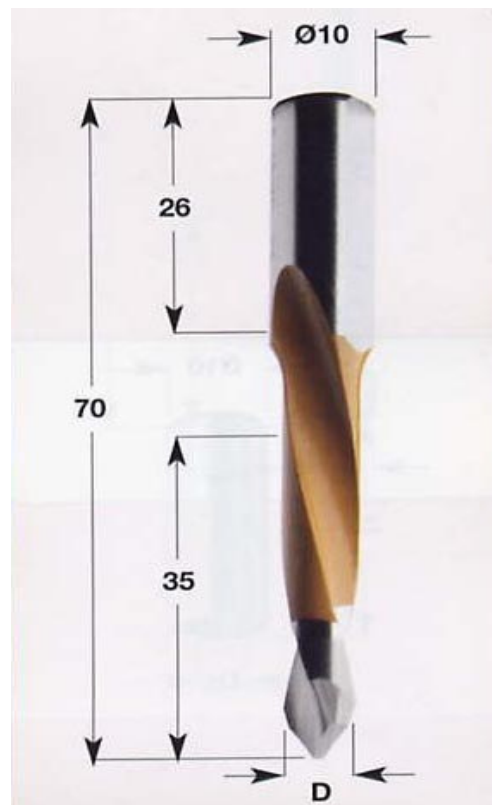
Right Hand Cat No	Left Hand Cat No	Size	Price
K8300001	K8300002	3.0 x 10 x 70	11.24
K8300003	K8300004	4.0 x 10 x 80	18.30
K8300007	K8300008	5.0 x 10 x 90	21.47

TCT Bore Thru Drill Bits WP-01

Right Hand Cat No	Left Hand Cat No	Size	Price
K0500005	K0500006	6.0 x 10 x 70	13.90
K0500019	K0500020	6.5 x 10 x 70	18.71
K0500007	K0500008	7.0 x 10 x 70	16.35
K0500025	K0500026	7.5 x 10 x 70	20.03
K0500009	K0500010	8.0 x 10 x 70	15.95
K0500035	K0500036	9.0 x 10 x 70	21.26
K0500011	K0500012	10.0 x 10 x 70	17.48
K0500013	K0500014	12.0 x 10 x 70	20.95

TCT Bore Thru Drill Bits WP-06

Right Hand Cat No	Left Hand Cat No	Size	Price
K2000001	K2000002	7.0 x 10 x 77	19.52
K2000009	K2000010	8.0 x 10 x 77	19.83



THIN PLANING AND CUTTER BLOCK KNIVES (PLAIN)

Length	20x 2.5 HSS	20 x 3 HSS	25x 2.5 HSS	25 x 3 HSS	30 x 2.5/3 HSS	35 x 3 HSS	30/35 x 3 TCT
60	2.87	2.87	2.39	2.39	2.39	2.51	12.27
80	3.83	3.83	3.19	3.19	3.19	3.34	16.36
100	4.79	4.79	3.99	3.99	3.99	4.18	20.45
120	5.75	5.75	4.79	4.79	4.79	5.02	24.54
130	6.22	6.22	5.19	5.19	5.19	5.43	26.58
150	7.18	7.18	5.99	5.99	5.99	6.27	30.67
160	7.66	7.66	6.38	6.38	6.38	6.69	32.72
170	8.14	8.14	6.78	6.78	6.78	7.11	34.76
180	8.62	8.62	7.18	7.18	7.18	7.52	36.81
210	10.05	10.05	8.38	8.38	8.38	8.78	42.94
230	11.01	11.01	9.18	9.18	9.18	9.61	47.03
240	11.49	11.49	9.58	9.58	9.58	10.03	49.08
250	11.97	11.97	9.98	9.98	9.98	10.45	51.12
260	12.45	12.45	10.37	10.37	10.37	10.87	53.17
300	14.36	14.36	11.97	11.97	11.97	12.54	61.35
310	14.84	14.84	12.37	12.37	12.37	12.96	63.39
350	16.76	16.76	13.97	13.97	13.97	14.63	71.57
400	19.15	19.15	15.96	15.96	15.96	16.72	81.80
410	19.63	19.63	16.36	16.36	16.36	17.14	83.84
450	21.55	21.55	17.96	17.96	17.96	18.81	92.02
500	23.94	23.94	19.95	19.95	19.95	20.90	102.24
510	24.42	24.42	20.35	20.35	20.35	21.32	104.29
530	25.38	25.38	21.15	21.15	21.15	22.15	108.38
600	28.73	28.73	23.94	23.94	23.94	25.08	122.69
610	29.21	29.21	24.34	24.34	24.34	25.50	124.74
640	30.64	30.64	25.54	25.54	25.54	26.75	130.87
710	33.99	33.99	28.33	28.33	28.33	29.68	145.19
810	38.78	38.78	32.32	32.32	32.32	33.86	165.63
910	43.57	43.57	36.31	36.31	36.31	38.04	186.08

THIN PLANING AND CUTTER BLOCK KNIVES (SLOTTED)

Machine	Size	Price HSS	Price TCT
Adler	56 x 34 x 3	13.49	20.10
Black & Decker	82 x 29 x 3	21.55	31.44
Bosch	75 x 18 x 3	11.23	20.10
Cooksley	9½ x 1¼ x 1/8	26.66	73.75
	12¼ x 1¼ x 1/8	33.06	94.28
	17½ x 1¼ x 1/8	56.06	130.13
	19½ x 1¼ x 1/8	50.42	145.02
Dewalt DW150	260 x 21 x 3	25.48	79.77
Dewalt DW50	260 x 25 x 3	25.48	79.77
Electra	260 x 20 x 3	25.69	76.06
	263 x 25 x 3	25.69	76.06
Gulliet	136 x 25 x 3	11.66	38.27
	186 x 25 x 3	15.96	52.35
	231 x 25 x 3	19.83	65.04
Haffner	75 x 18 x 3	11.23	20.10
Hitachi	82 x 28 x 3	15.48	31.12
	210 x 20 x 2.5	23.49	58.91
Holz-Her	75 x 18 x 3	11.23	20.10
	100 x 35 x 3	18.17	POA
Inca	220 x 25 x 2.5	22.15	76.33
	262 x 25 x 2.5	29.56	80.57
	262 x 25 x 3	27.52	80.57
Kitty	150 x 20 x 2.5	17.47	42.09
	200 x 20 x 2.5	23.11	56.12
	260 x 20 x 2.5	27.90	79.77
Lower	410 x 35 x 3	27.95	104.65
Luna	250 x 25 x 3	27.09	74.77
	310 x 30 x 3	19.46	79.01
	410 x 30 x 3	26.02	104.65
Lurem	210 x 20 x 2.5	23.49	58.91
	210 x 25 x 2.5	23.49	58.91
	260 x 25 x 2.5	27.90	79.77
	310 x 20 x 2.5	29.89	87.29

Machine	Size	Price HSS	Price TCT
Makita	82 x 29 x 3	21.55	31.44
	110 x 29 x 3	23.38	54.45
	155 x 32 x 3	29.08	79.23
Metobo	75 x 18 x 3	11.23	20.10
Morten	330 x 20 x 3	POA	POA
Multico	6½ x 15/16 x 1/8	21.98	48.59
	9¼ x 31/32 x 1/8	30.37	72.67
	12½ x 15/16 x 1/8	30.53	93.26
Robland	210 x 25 x 3	18.97	65.63
	260 x 25 x 3	21.93	90.30
	312 x 25 x 3	31.77	94.28
Rockwell	150 x 19 x 3	19.08	42.09
Scheppach	260 x 18 x 3	25.16	74.82
Schleicher	260 x 18 x 3	25.16	74.82
Sedgewick	10¼ x 1 x 1/8	21.55	74.82
	12¼ x 1 x 1/8	24.62	88.96
	16¼ x 1 x 1/8	32.63	116.32
Skill	82 x 29 x 3	15.37	25.05
Startrite	312 x 25 x 3	31.77	94.28
Susemihi	200 x 20 x 2.5	27.90	79.77
Wadkin	9¼ x 1 ⅞ x 1/8	27.47	72.72
	12¼ x 1 ⅞ x 1/8	34.78	94.28
	16¼ x 1 ⅞ x 1/8	44.72	121.85
	17¼ x 1 ⅞ x 1/8	46.87	129.00
	18¼ x 1 ⅞ x 1/8	49.02	136.85
	22⅞ x 1 ⅞ x 1/8	59.77	163.40
	26⅞ x 1 ⅞ x 1/8	68.42	192.96

For sizes not shown please take the price of the next longer size shown.

All knives shown are slotted for plain knives see previous page.

25mm wide knives are priced the same as 30mm.

SPECIAL CUTTER HEAD DISPOSABLE PLANING KNIVES

Tersa Knives			
Length (mm)	HSS	M42	Genuine Swiss HSS
110	4.47	5.07	7.65
115	4.68	5.30	7.65
120	5.29	5.52	7.65
130	5.29	5.99	7.65
135	5.29	6.22	7.65
150	6.50	6.91	8.50
160	6.50	7.37	9.64
180	7.52	8.29	9.64
185	7.52	8.51	10.48
230	9.35	10.36	
235	9.55	10.59	
240	9.76	11.05	
270	10.98	10.40	
300	12.20	13.81	
310	12.60	14.28	
320	13.01	14.73	
350	14.23	16.12	
410	16.67	18.88	
430	17.48	19.80	
500	20.33	23.02	
510	20.73	23.48	
520	21.14	23.94	
630	21.55	29.01	
635	26.02	24.45	
640	26.02	29.46	

Brück & Barke Knives		
Length (mm)	HSS	M42
110	5.67	12.21
120	6.41	13.19
130	6.86	14.05
150	6.85	15.88
160	8.95	16.49
180	9.25	17.83
190	9.41	19.18
230	11.19	21.74
240	11.79	22.47
250	12.24	23.33
260	12.53	23.82
300	13.88	25.53
310	14.02	26.09
320	14.62	26.63
350	15.22	27.85
410	17.60	30.90
450	8.65	31.76
500	19.25	35.18
510	19.69	35.54
520	20.14	36.77
630	24.03	43.85

Other sizes are available -
prices on application.

Phone: 0800-028-3915

DISPOSABLE TIPS (TURNOVER KNIVES)

Standard Knives			
7.6 x 12 x 1.5	2 edges	1 pin hole	2.38
9.6 x 12 x 1.5	2 edges	1 pin hole	2.61
11.6 x 12 x 1.5	2 edges	1 pin hole	5.58
15.0 x 12 x 1.5	2 edges	1 pin hole	2.97
15.7 x 12 x 1.5	2 edges	1 pin hole	4.16
17.0 x 12 x 1.5	2 edges	1 pin hole	4.28
20.0 x 12 x 1.5	2 edges	1 pin hole	2.73
24.7 x 12 x 1.5	2 edges	1 pin hole	4.51
24.7 x 12 x 1.5	2 edges	2 pin holes	4.51
30.0 x 12 x 1.5	2 edges	2 pin holes	3.33
40.0 x 12 x 1.5	2 edges	2 pin holes	4.75
50.0 x 12 x 1.5	2 edges	2 pin holes	4.75
60.0 x 12 x 1.5	2 edges	2 pin holes	6.53
80.0 x 13 x 2.2	2 edges	-	18.64
100.0 x 13 x 2.2	2 edges	-	29.21

4 Edge Knives			
12.0 x 12 x 1.5	4 edges	1 pin hole	2.64
14.3 x 14.3 x 2.5	4 edges	1 pin hole	4.75
17 x 17 x 2.0	4 edges	1 pin hole	5.94
29.9 x 12 x 1.5	4 edges	1 pin hole	9.62
39.9 x 12 x 1.5	4 edges	2 pin holes	9.26
49.9 x 12 x 1.5	4 edges	2 pin holes	7.48
50.0 x 12 x 1.7	4 edges	2 pin holes	6.30

4 Edges with Radius	
14 x 14 x 2.0 R=150	4.63
15 x 15 x 2.5 R=50	5.34
15 x 15 x 2.5 R=50	4.51

Triangular Spurs		
22 x 22 x 2.5	3 edges	3.95

Spurs		
14 x 14 x 1.2	4 edges	2.38
14 x 14 x 2.0	4 edges	2.38
14x14x2.0 R=150	4 edges	7.01
22 x 19 x 2.0	3 edges	5.23

T Grade Tips		
20 x 12 x 1.5	2 edges 1 pin hole	2.81
30 x 12 x 1.5	2 edges 2 pin holes	3.13
40 x 12 x 1.5	2 edges 2 pin holes	5.73
50 x 12 x 1.5	2 edges 2 pin holes	4.48
60 x 12 x 1.5	2 edges 2 pin holes	7.92
12 x 12 x 1.5	4 edges 1 pin hole	2.61
49.5 x 12 x 1.5	4 edges 2 pin holes	9.26

S Grade Tips		
30 x 12 x 1.5	2 edges, 2 pin holes	4.87
50 x 12 x 1.5	2 edges, 2 pin holes	7.13
60 x 12 x 1.5	2 edges, 2 pin holes	10.69

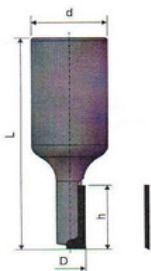
FKB 45° Chamfer Knife	
16 x 22 x 5	16.74

FKB R Chamfer Knife		
16 x 22 x 5	R=1.0mm	18.17
16 x 22 x 5	R=1.5mm	18.17
16 x 22 x 5	R=2.0mm	18.17
16 x 22 x 5	R=2.5mm	18.17
16 x 22 x 5	R=3.0mm	18.17

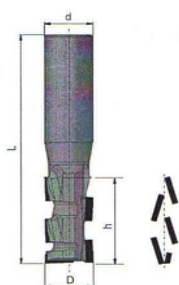
Grooving Knife	
24.5 x 12.98 x 3.0	30.52
24.5 x 13 x 4.0	33.37
24.5 x 13 x 5.0	36.69

PCD ROUTERS

**TJD-01 Single Flute
PCD Router**

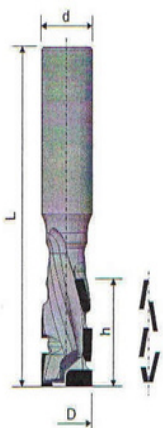


**TJD-04 1+1
PCD Router**



These cutters can
be sharpened
approx 3 times.

**TJD-07 1+1
PCD Router**



These cutters can
be sharpened
approx 3 times.

Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TJD01.0102B	8	20	25	66	1	R/H	126.42
TJD01.0102BL	8	20	25	66	1	L/H	POA
TJD01.8350HM	10	22	25	81	2	R/H	278.59
TJD01.028G	10	20	25	66	1	R/H	POA
TJD01.028GL	10	20	25	66	1	L/H	POA
TJD01.029G	10	25	25	71	1	R/H	126.42
TJD01.029GL	10	25	25	71	1	L/H	POA

Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TJD04.12F	12	25	12	86	1+1	L&RH	POA
TJD04.12B	12	32	12	83	1+1	L&RH	
TJD04.14F	14	25	12	86	1+1	L&RH	
TJD04.14B	14	32	12	83	1+1	L&RH	
TJD04.16F	16	25	16	86	1+1	L&RH	
TJD04.16A25	16	25	25	86	1+1	L&RH	
TJD04.16B	16	35	16	91	1+1	L&RH	
TJD04.16D	16	35	25	91	1+1	L&RH	
TJD04.18BC	18	25	25	91	1+1	L&RH	
TJD04.18A	18	35	25	96	1+1	L&RH	
TJD04.20A	20	25	20	91	1+1	L&RH	
TJD04.20B	20	25	25	91	1+1	L&RH	
TJD04.413	20	35	20	96	1+1	L&RH	
TJD04.414	20	35	25	96	1+1	L&RH	

Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TJD07.0460	10	25	12	78	1+1	L&RH	94.25
TJD07.0040	12	25	12	78	1+1	L&RH	89.98
TJD07.0050	12	35	12	88	1+1	L&RH	111.46
TJD07.0021	16	25	16	81	1+1	L&RH	89.98
TJD07.0020	16	25	25	91	1+1	L&RH	89.98
TJD07.0030	16	35	16	91	1+1	L&RH	111.46
TJD07.0034	16	35	25	96	1+1	L&RH	111.46
TJD07.0171	16	43	16	100	1+1	L&RH	141.38
TJD07.0080	18	35	25	96	1+1	L&RH	111.46
TJD07.0061	18	43	20	109	1+1	L&RH	141.38
TJD07.0060	18	43	25	109	1+1	L&RH	141.38
TDJ07.0120	20	25	20	86	1+1	L&RH	89.98
TDJ07.0150	20	35	20	96	1+1	L&RH	111.46
TDJ07.0071	20	43	20	109	1+1	L&RH	207.85
TDJ07.0270	20	52	20	112	1+1	L&RH	205.71

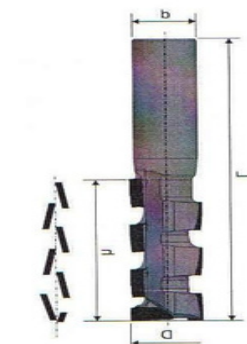
For left hand cutters please add a L to the catalogue number

PCD ROUTERS

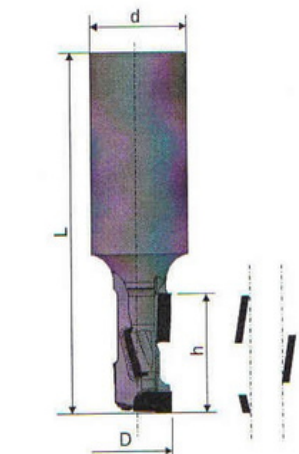
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TJD008.1240	12	24	12	78	1+1	L&R/H	54.05
TJD008.0022	16	25	16	81	1+1	L&R/H	56.19
TJD008.0051	12	35	12	88	1+1	L&R/H	76.54
TJD008.0032	16	35	16	91	1+1	L&R/H	76.54



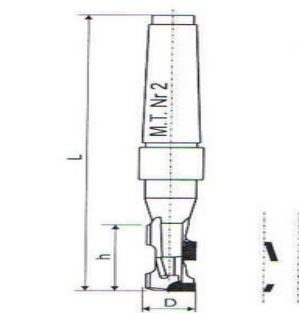
TD-01 PCD Cutter							
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TD01.101	18	52	20	108	1+1	L&R/H	265.76
TD01.102	20	52	20	108	1+1	L&R/H	265.76
TD01.100C	25	52	25	110	1+1	L&R/H	265.76



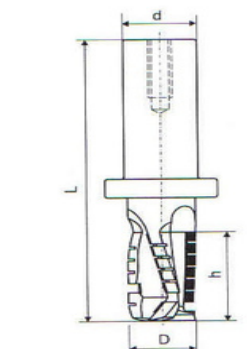
TD-02 PCD Cutter							
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TD02.020	18	28	25	83	1+1	L&R/H	171.41
TD02.010	16	28	25	83	1+1	L&R/H	171.41
TD02.020A	20	28	25	83	1+1	L&R/H	184.33



TD-04 PCD Cutter							
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TD004.0010	16	25	MK2	140	1+1	R/H	POA
TD004.0010L	16	25	MK2	140	1+1	L/H	
TD0004.0020	16	35	MK2	150	1+1	R/H	
TD0004.0020L	16	35	MK2	150	1+1	L/H	

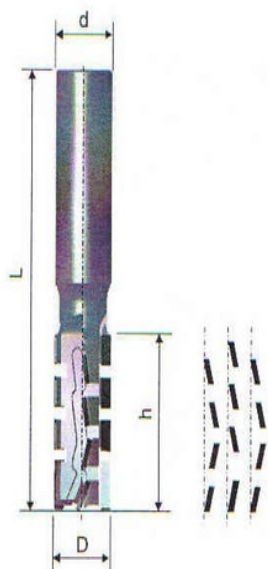


TDT-01 TURBO PCD							
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TDT01.025	25	40	25	122	3+3	L&R/H	POA
TDT01.018C	18	52	25	122	3+3	L&R/H	
TDT01.02025	25	122	25	122	3+3	L&R/H	

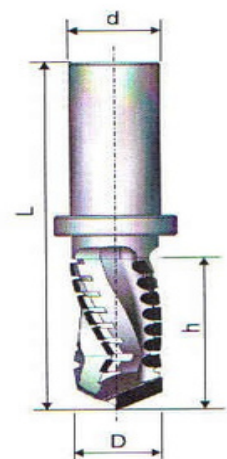


For left hand cutters please add a L to the catalogue number

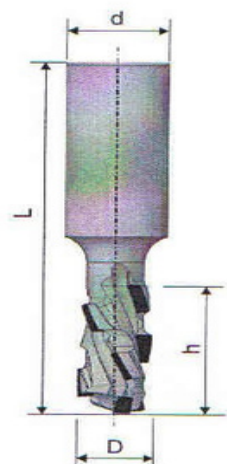
PCD ROUTERS



TDT-04 PCD TURBO							
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TDT04.601	18	40	20	103	3+3	L&R/H	443.79
TDT04.602	20	40	20	103	3+3	L&R/H	496.71
TDT04.603	20	50	20	113	3+3	L&R/H	537.43
TDT04.605	25	40	25	103	3+3	L&R/H	635.14
TDJ04.702	25	50	25	113	3+3	L&R/H	637.18



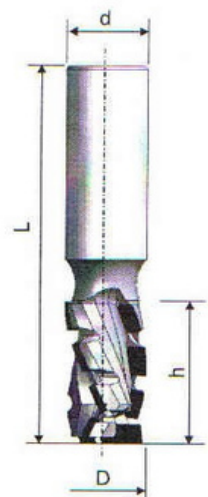
TDT-06 PCD TURBO							
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TDT06.007	25	57	25	120	3+3	L&R/H	855.00



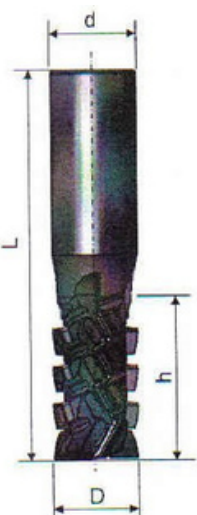
TDT-07 PCD TURBO							
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TDT07.008A	16	30	25	105	3+3	L&R/H	228.00
TDT07.005	18	30	25	105	3+3	L&R/H	280.93
TDT07.002	18	40	25	110,5	3+3	L&R/H	317.57
TDT07.0031	20	40	25	110,5	3+3	L&R/H	374.57
TDT007.0070	20	48	25	118,5	3+3	L&R/H	480.43

For left hand cutters please add a L to the catalogue number

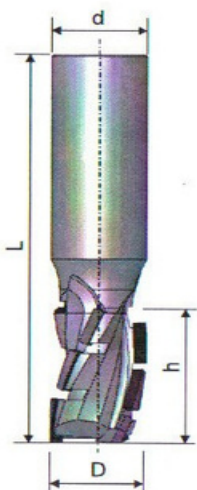
PCD ROUTERS



TDT-09 PCD TURBO							
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TDT09.0050	18	25	20	84,5	3+3	R/H	223.93
TDT09.0010	18	30	20	93	3+3	R/H	260.57
TDT09.0130	18	35	20	98	3+3	R/H	280.93
TDT09.0140	18	43	20	101	3+3	R/H	252.43
TDT09.0090	18	52	20	115	3+3	R/H	484.50
TDT09.0030	20	25	20	84,5	3+3	R/H	240.21
TDT09.0040	20	30	20	93	3+3	R/H	280.93
TDT09.0060	20	35	20	98	3+3	R/H	297.21
TDT09.0020	20	43	20	101	3+3	R/H	354.21
TDT09.0150	20	52	20	115	3+3	R/H	504.86



TDT-10 PCD TURBO							
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TDT010.0040	20	25	20	87	4+4	R/H	289.07
TDT010.0040L	20	25	20	87	4+4	L/H	289.07
TDT010.0050	20	35	20	97	4+4	R/H	333.86
TDT010.0050L	20	35	20	97	4+4	L/H	442.51
TDT010.0030	22	43	16	105	4+4	R/H	443.79
TDT010.0030L	22	43	16	105	4+4	L/H	443.73
TDT010.0020	25	43	25	116	4+4	R/H	238.40
TDT010.0020L	25	43	25	116	4+4	L/H	521.14



TDT-15 PCD TURBO							
Catalogue No	D (mm)	h (mm)	d (mm)	L (mm)	Z (Dia)	Rotation	Price
TDT15.0020	12	25	12	75	3	R/H	321.64
TDT15.0040	16	25	16	75	3	R/H	317.57
TDT15.0070	20	40	25	106	3	R/H	425.46
TDT15.0021	12	25	25	106	3	R/H	301.29
TDT15.0110	12	35	25	106	3	R/H	348.11
TDT15.0120	16	25	25	106	3	R/H	317.57
TDT15.0130	16	35	25	106	3	R/H	403.07
TDT15.0140	16	43	25	106	3	R/H	425.46
TDT15.0150	20	25	25	106	3	R/H	317.57
TDT15.0160	20	35	25	106	3	R/H	425.46
TDJ15.0170	20	43	25	106	3	R/H	425.46
TDJ15.0180	20	60	25	106	3	R/H	657.54

HSS CIRCULAR SAW BLADES

Diameter (mm)	Resharp	Recut	Recut & Trepan	Variable Pitch
100	14.81	26.07	31.47	+15%
125	11.97	18.70	26.02	+15%
150	11.97	18.70	26.02	+15%
175	11.97	18.70	26.02	+15%
200	11.98	18.71	26.03	+15%
225	13.56	21.54	26.93	+15%
250	14.81	26.07	30.91	+15%
275	16.41	26.54	33.97	+15%
300	17.36	27.16	36.43	+15%
315	18.91	31.45	35.12	+15%
325	19.22	32.86	38.87	+15%
350	20.17	30.43	41.25	+15%
370	21.41	34.25	42.81	+15%
400	23.64	36.53	45.28	+15%
425	25.60	40.30	55.21	+15%

Plate Saws sharpened and Set from: 1.04 per inch

FRICTION SAWS

Size	Resharp	Recut	Recut & Trepan
16"	27.35	48.43	78.57
17"	29.20	56.08	83.78
18"	30.67	58.96	87.93
19"	32.12	63.13	95.90
20"	33.96	65.95	99.13
21"	36.84	72.50	103.80
22"	34.11	67.13	108.49

SEGMENTAL SAW BLADES

Nominal Inches	Diameter (mm)	Smith & Sharpen	Spare Segments
10	250	31.72	46.54
11	275	35.12	46.54
12.5	315	35.12	46.54
14	360	45.04	50.76
15	385	45.04	54.36
16	400	45.05	53.60
17	425	49.60	55.91
18	460	50.04	57.63
20	500	52.86	55.27
22	550	58.09	67.55
24	610	58.09	62.55
26	650	71.53	74.38
28	710	71.53	74.38
30	760	74.75	77.53
32	810	82.08	82.03
34	850	90.41	82.22
36	918	90.41	82.22
38	967	94.90	84.35
40	1018	100.99	93.93
44	1118	102.33	113.42
48	1220	121.11	116.39
54	1376	184.05	159.54



Vollmer System Loroche KSC710 CNC with robotic loader

TUNGSTEN CARBIDE TIPPED SAW BLADES SHARPENED

Number of teeth	ATB	Triple Chip
40	12.68	14.78
42	13.31	15.08
44	13.95	15.08
48	15.21	17.11
54	17.11	19.25
56	17.73	19.96
60	19.01	21.37
64	20.27	22.80
66	20.89	23.53
70	22.19	24.95
72	22.80	25.66
76	24.09	27.09
80	25.35	28.51
84	26.60	27.71
88	27.88	31.37
90	28.51	32.08
94	29.78	33.51
96	30.41	34.20
100	31.68	35.63
102	32.31	36.35
104	32.95	37.07
106	33.57	37.78
108	34.21	38.50
110	34.84	39.20
112	35.47	39.92
114	33.43	40.62
116	36.76	41.34
118	37.38	42.04
120	40.56	42.76
128	40.56	45.62
130	41.18	42.90
140	44.36	49.88
160	52.03	57.03

New Tips	
One tip only (Each)	8.25
2 Tips (Each)	7.03
3 to 9 tips (Each)	5.37
10 tips & More	4.15
New Shoulder	17.00
Re-tensioned per 1" Dia.	1.10
Centre hole re-bored	10.41
Pin Hole Drilled	11.24
New Centre Bush	5.89

ROUTER CUTTERS SHARPENED		
	HSS	TCT
Up to 3/4"	5.89	7.89
Over 3/4"	7.60	10.81
Profile Router (shaped)	17.98	24.81
Single Flute	5.03	6.15
Spoon Cutters	6.37	7.60
Hinge Sink Cutters	-	16.61
Lip & Spur Drills	9.43	9.43
Through Hole Drills	9.43	9.43
Up Or Down Tungsten Spiral	-	37.25
Up & Down Tungsten Spiral	-	48.70



Vollmer CHD from front cover

HOLE SAW SHARPENED

Up to 1"	6.74
Up to 2"	9.42
Up to 3"	11.98
Up to 4"	18.79
Up to 5"	31.21
Up to 6"	28.49

HANDSAWS SHARPENED

Resharp & Set	21.03
Recut, Sharp, Set	29.37
TCT Masonry	30.69
New Tip	7.14

CORE DRILLS SHARPENED

Core Drill Up to 6 Tips	11.22
New Tip for Core Drill	12.47
Centre Drill - Re-sharpened	3.12
Dado Set- Sharpened & Set	48.10

STRAIGHT GROOVERS SHARPENED

Number of Wings / Teeth						
Width	2	4	6	8	10	12
Up to 1"	5.01	10.05	15.03	20.02	25.02	30.03
Over 1"	7.48	15.03	22.54	30.03	37.51	45.07

CUTTER BLOCKS SHARPENED

Number of Wings / Teeth						
	2	4	6	8	12	24
TCT 1"	12.55	15.14	22.70	30.24	45.40	90.80
HSS 1"	11.11	13.35	20.02		40.04	80.12
TCT 2"	16.25	19.57	29.38	39.12	58.75	117.50
HSS 2"	14.06	16.24	25.38	39.12	50.75	101.49
New Tip	15.37					

PLANER BLADES SHARPENED

Size	TCT	HSS
75mm	7.27	5.23
150mm	8.08	5.81
300mm	11.66	6.96
450mm	19.08	7.22
600mm	21.08	10.08
750mm	20.90	13.97
850mm	25.81	15.34

BANDSAW BLADES SHARPENED

Narrow Up to 10' Sharpen	9.94
Narrow Up to 10' Sharpen & Set	14.41
Narrow 10'-12' Sharpen	12.42
Narrow 10'-12' Sharpen & Set	18.00
Narrow 12'-15' Sharpen	15.61
Narrow 12'-15' Sharpen & Set	22.62
Narrow 15'-18' Sharpen	18.63
Narrow 15'-18' Sharpen & Set	22.69
Narrow 18'-21' Sharpen	21.82
Narrow 18'-21' Sharpen & Set	31.63

RESAWS SHARPENED

Size	
Up to 6.1 Metres	26.54
6.2 Metres to 7.0 Metres	34.32
7.1 Metres to 8.5 Metres	41.39
8.6 Metres to 9.8 Metres	61.55
Crack Welded from	13.13

MISCELLANEOUS SHARPENED

Chain Saw	17.36
Mortice Chain	19.10
Mortice Chisel	6.41
Mortice Bit (Auger)	6.41
Mortice Chisel & Auger	12.16
Profile Cutters	From 17.34
Scissors	6.86
Secateurs	11.45
Shears	10.18
Shears Long Handle	17.52
TCT Stump Bits From	5.10

ENDMILLS (STANDARD HSS)

Size	Resharp	Long Series	6 Flute	6 Flute L/S	8 Flute	8 Flute L/S
00-13mm	8.70	11.43				
14-19mm	9.91	12.69				
20-26mm	11.56	14.34	12.91	15.65	23.59	18.87
27-32mm	13.73	16.46	15.08	17.82	16.52	21.16
33-38mm	14.53	17.30	17.30	20.09	18.87	23.54
39-45mm	16.36	19.12	19.33	22.10	21.06	25.83
46-51mm	17.71	20.45	24.40	24.40	23.67	28.11

SLOT DRILLS (STANDARD HSS)

Size	Resharp	Long Series
00 - 13mm	8.14	10.90
14 - 19mm	9.62	12.36
20 - 26mm	10.17	13.76
27 - 32mm	13.15	15.90
33 - 38mm	13.96	16.80
39 - 45mm	15.83	18.56
46 - 51mm	17.15	19.94

RIPPA CUTTERS (STANDARD HSS)

00-13mm	20.78
14-19mm	24.58
20-26mm	27.06
27-32mm	30.09
33-38mm	33.28
39-45mm	36.94
46-51mm	38.75

SIDE & FACE CUTTERS

	Staggered	Straight
00 - 100mm	26.79	21.42
101 - 150mm	30.23	25.63
151 - 200mm	33.35	30.23
201 - 250mm	37.26	32.59

DEADLOCK & SHELLMILLS (STANDARD HSS)

00 - 38mm	16.37	65 - 70mm	23.23
39 - 45mm	17.71	71 - 76mm	23.89
46 - 51mm	18.05	77 - 102mm	28.92
52 - 57mm	19.93	103 - 127mm	35.71
58 - 64mm	21.22	128 - 153mm	41.91

ANNULAR HOLE CUTTERS (FOR ROTABROACH, JANCY ETC.)

Up to 16mm	8.80
17mm - 26mm	10.55
27mm - 55mm	14.12
Countersink up to 20mm dia.	10.93
Countersink over 20mm dia.	17.76

N.B These prices are for standard cutters. Extra work will be charged for at £76.11 per hour.

Guillotine Blades, Paper Knives, VeneerKnives & Shear Blades from £6.00 per foot per side.

TERMS AND CONDITION OF SALE

1. OFFER AND ACCEPTANCE

- a) A quotation does not constitute an offer and no contract exists unless and until there has been an acceptance by the company of an order placed by the purchaser.
- b) No modification or amendment of these terms and conditions shall be binding upon the company unless otherwise stipulated herein or agreed to in writing by a director of the company.

2. ACCURACY AND DESCRIPTION OF GOODS

- a) Whilst every reasonable effort has been made all descriptions, specifications, drawings and particulars of weights and dimensions submitted by the company or otherwise contained in the company's catalogues, brochures, price lists, quotations and other publishing material are approximate only and are not binding in detail
- b.) The Company reserves the right to make without previous notice, alterations and modifications of design which it may deem appropriate. Such alterations and modifications shall not affect the validity of any contract and shall be no ground for any claims upon the company.

3. PRICE

The price of goods will be invoiced at the prices ruling at the date of delivery to take account of any increase in the cost to the company in supplying the goods and any fluctuation in exchange rates.

4. PAYMENT

The failure to pay the price of any part thereof and other moneys payable by the purchaser whereunto will entitle the company, without prejudice to its other rights hereunder, to refuse to make delivery of any further consignment of goods or perform any obligations whatsoever under this contract or under any contract without incurring any liability whatsoever by the purchaser.

5. TRANSFER OF PROPERTY

- a) Legal and beneficial ownership of the goods shall remain in the Company until full payment for the goods has been made. Until ownership passes the purchaser must keep the goods free from any charge, lien or other encumbrance.
- b) Whilst the goods are in possession of the purchaser and before title has passed to the purchaser the purchaser shall hold the goods in a fiduciary relationship as bailee for the company and shall keep the goods in the same condition as that in which they were delivered and make good any damage or deterioration that occurs.

6. RISK

- a) The goods shall be at the purchaser's risk from the occurrence of the point of time of any of the following events:-
- (i) the physical delivery of the goods to the purchaser's carrier at the company's works; or
- (ii) the physical delivery of the goods to the purchaser's place of business by the Company's carrier (or his agent). The purchaser being responsible for unloading and any damage caused to the goods during such unloading.
- b) When the contract includes delivery by the Company's carrier or his agent.
- (i) any claim for non-delivery must be made in writing to the company within 7 days from the date of invoice, to enable the company to enter claim upon the carriers within the time limit, as fixed by their conditions; or
- (ii) any claims in respect of goods damaged in transit or shortages in delivery must be made in writing to the company within two days of delivery to enable the Company to enter claim upon the carriers within the time limit, as fixed by their conditions.
- Shortages in delivery shall not give rise to reject the goods delivered

7. DELIVERY

- a) The company will make all reasonable endeavours to effect delivery on any date stated but any time or date stated for delivery is given as intended as an estimate only and shall not be of the essence.
- b) Delivery shall be deemed to have taken place upon the first point in time of either of the events specified in condition 6(a) above. Signature of any delivery note by any agent, employee or representative of the purchaser shall be conclusive proof of delivery.
- c) Without prejudice to any rights of the company hereunder, if the purchaser shall fail to give all instructions reasonably required by the company and all necessary documents, licences, consents and authorities (which the purchaser is obliged under these terms and conditions or by law to obtain) for forwarding the goods or shall otherwise cause or request delay, the goods will be invoiced and the purchaser shall pay to the company the price of the goods and all costs and expenses incurred arising from such a delay.
- d) Unless otherwise stated in writing the company shall be entitled to make partial deliveries or deliveries by instalments and each instalments shall be construed as constituting a separate agreement to which all provisions of these conditions shall (with any additional alterations) apply.
- e) If the company is prevented from making delivery of the goods or any part thereof or from commissioning the goods or any part thereof by any cause whatsoever outside its control such as strikes, material shortages, lockouts, fires etc., prohibition of export by the country of origin, difficulties of transport etc., it shall be under no liability whatsoever to the Purchaser and shall be entitled as its option either to cancel the contract or to extend the time or times for delivery or commissioning has been prevented. The expression "liability whatsoever" in these conditions shall include, without prejudice to the generality of the expression, liability in tort (including negligence) under statute and in contract, including liability for consequential loss (including loss of profit) or damage of any kind however caused or arising

8. RETURNS

The company will accept back only goods supplied by the company within one month of invoice date for return, goods held in stock by the company will be accepted only on payment of a 10% handling charge and goods bought in which are not part of our normal stock will only be accepted if the company's supplier agrees to accept a return and in this instant the handling charge will be 20%.

9. GUARANTEE

- a) The Company guarantees the goods supplied by it with the exception of consumable items against any defect of work or materials for a period of six months from the date of delivery provided the purchaser notifies the Company in writing of any alleged defect within ten working days of its delivery. On receipt of such notification the company shall subject to subparagraph (b) of this condition make good any such defect at its own expense if, in the opinion of the company the defect constitutes a breach of this guarantee. Save where the nature of the defect is such that it is in the company's opinion appropriate to effect repairs at the purchasers works the purchaser shall return to the company any part in which a defect has appeared for repair or replacement and if in the opinion of the company the defect constitutes a breach of this guarantee the company shall deliver to the purchaser such part properly repaired or a part in replacement thereof. Any parts so repaired or replaced free of charge under this guarantee will be subject to a guarantee of the same terms as this guarantee for a period of three months from the dated repair or replacement or until the expiration of this guarantee whichever is the longer. No claim will be met by the company under this guarantee arising out of normal wear and tear, normal usage or if the goods have been incorrectly fitted, misused, subject to neglect or abnormal conditions or oil of an unsuitable specification or involved in any accident or any attempt at repair, replacement or modification has been made without the sanction of the company or if they have been in any way dealt with to the contrary to any instructions issued by the company.
- b) Unless otherwise agreed the purchaser shall:
- (i) bear the cost and risk of transport of defective parts and of repaired parts supplied in replacement of defective parts; and
- (ii) pay the company on demand its labour charges if the defect occurs after six months from the date of delivery.

10. LIMIT OF LIABILITY

Save as expressly provided in condition 8 above and save where the absolute prohibitions against exclusion and restriction of liability contained in section 2(i) and 6(i) of the Unfair Contract Terms Act 1977 apply any other liability to the purchaser for any defect in, failure of, or unsuitability for any purpose of the goods or any part thereof whether the same be due to any act, omission, negligence or wilful default of the company or its servants or agents, or to faulty design, workmanship or Materials or to any other cause whatsoever shall be limited to the price of the goods and all conditions warranties or other terms whether expressed or implied, Statutory or otherwise, inconsistent with the provisions of this condition, are hereby expressly excluded. The foregoing state the entire liability of the company in tort (including negligence) under statute and in contract to the purchaser in respect of goods which are defective and the company shall not save as expressly provided herein, be under any liability whatsoever to the purchaser.

TERMS AND CONDITION OF SALE

11.EXPORT CONTRACTS

In the case of export contracts all import duties charges and assessments shall be paid by the purchaser and the obtaining of any necessary export and import licences in respect of the goods shall be the sole responsibility of the purchaser and the company shall be under no liability whatsoever to the purchaser in respect of goods exported without the necessary export and import licences.

12.INDUSTRIAL PROPERTY RIGHTS

The purchaser shall indemnify the company against all costs, expenses, loss or damage incurred by the company in respect of any claim being made or action being brought in respect of infringement of patents, trade marks, trade names, registered designs or other industrial property rights in respect of the goods if any such claim is made or action brought of a result of work done by the company in accordance with the purchaser specifications.

13.TESTS

If the purchaser requires tests other than those which the company may customarily make or carry out, such request must accompany the order. If the company agrees to make or carry out such tests, the costs and expenses (if any) involved will be paid for by the purchaser as part of the price. Unless otherwise stated in writing such tests and any tests customarily carried out will be carried out at the company's works and if the purchaser does not attend having been given at least seven days notice of the intended date for such tests then the Company may carry out the tests which shall be deemed to have taken place in the presence of the purchaser and to his satisfaction.

14.SUB-CONTRACTS

The company reserves the right to sub-contract the performance of the contract or any part thereof.

15.ASSIGNMENT

The purchaser shall not assign or transfer the contract to any other person whatsoever without the consent of the company.

16.PROPER LAW

All contacts shall be governed by and constructed in accordance with English Law and the purchaser shall submit to the jurisdiction of the English courts.

17.PAYMENT TERMS

Machine Sales. Full payment on delivery.

Consumable items, Saw blades, Spare parts Services, within thirty days from end of month. Unless specifically agreed in writing.