

Littlehampton Cutting Tools Ltd

FULL NEW PRODUCTS & CNC SHARPENING PRICE LIST



Littlehampton Cutting Tools Ltd

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**Vollmer CHD 251RD CNC
sharpening machine
with ND 230 robotic loader**



**Our Vollmer
System Lorch KSC710 CNC
sharpening machine with ro-
botic loader**



Effective from 1st January 2019
(Prices Exclusive of V.A.T.)

We Provide Great Premium Van Service From Pick up to Drop off



We Guarantee 100 % Customer Satisfaction



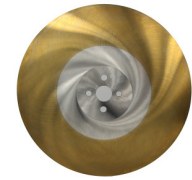
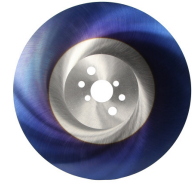
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**SEGMENTAL
SAW BLADES**

HSS CIRCULAR SAW BLADES

		<u>Size</u>	<u>HSS</u>	<u>TiN</u>	<u>CO-BLUE</u>
250 x 3.0	230.86	110 x 1 x 22	39.93	52.80	54.31
275 x 3.0	236.39				
300 x 3.6	269.93	125 x 1 x 22	39.93	53.73	66.92
315 x 3.6	285.32	200 x 1.8	38.67	52.80	54.31
360 x 3.6	295.19	225 x 1.8	50.80	53.72	66.92
370 x 3.6	316.10				
400 x 4.0	283.48	250 x 1.6	45.49	59.40	61.35
400 x 5.0	367.93	250 x 2.0	52.72	68.84	70.76
425 x 4.0	412.53	250 x 2.5	59.57	84.00	85.95
460 x 5.0	448.96	275 x 2.0	66.42	86.24	88.09
510 x 5.7	489.61	275 x 2.5	81.54	101.44	103.32
560 x 5.0	549.60	300 x 2.0	77.78	101.40	103.95
630 x 5.0	634.97	300 x 2.5	93.67	119.58	121.79
630 x 6.0	674.04	315 x 2.0	91.79	113.01	115.37
660 x 6.0	727.05	315 x 2.5	108.02	133.04	135.65
710 x 6.2	794.14	350 x 2.5	129.69	168.47	171.01
760 x 6.3	911.48	350 x 3.0	159.26	193.32	195.83
810 x 6.8	953.44	370 x 3.0	197.16	223.59	227.25
860 x 6.5	1,066.83	400 x 3.0	209.69	259.69	263.23
910 x 7.0	1,195.22	400 x 4.0	322.35	357.00	344.05
960 x 7.0	1,327.95				
1010 x 8.0	1,779.28				
1110 x 8.0	1,910.96				
1250 x 9.0	2,476.87				
1310 x 9.0	2,753.77				
1410 x 9.0	3,249.96				
1510 x 9.0	3,708.26				



**WATER SOLUBLE
COOLANT**

5 Litres	28.90
25	143.05

CUTTING WAX
Per tube (Min 10)

6.74



variable pitch available at no extra cost
Many other diameters & thickness available

METAL CUTTING SAWING MACHINES

NEW 250 DV



	●	○	□	▬	⚙️	💡	⚙️	⚙️	⚙️
	40	70	70	55 x 95	kW	rpm	mm	mm	kg
⚠️	35	65	55	55 x 65	0,95 - 1,32	40 - 80	100	ø 250	94

New 250 DV List price £1330
Special Package Price
£1438.15

This price Includes machine, 2 blades & 5 li-

TRS 275



	●	○	□	▬	⚙️	💡	⚙️	⚙️	⚙️
	45	80	80	70 x 100	kW	rpm	mm	mm	kg
⚠️	40	80	70	70 x 80	1,1 - 1,5	40 - 80	105	ø 275	98

TRS 275 List price £1550
Special Package Price
£1671.60

This price Includes machine, 2 blades & 5

NEW 300



	●	○	□	▬	⚙️	💡	⚙️	⚙️	⚙️
	55	100	90	70 x 140	kW	rpm	mm	mm	kg
⚠️	50	90	80	70 x 85	1,5 - 2,2	40 - 80	190	ø 315	160

New 300 E List price
£2150
Special Package Price
£2222.51

This price Includes machine, 2 blades & 5 litres of coolant &

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


Turbo Steel Annular Hole Cutters

<u>Size</u>	<u>1"</u>	<u>2"</u>	<u>1" Coated</u>	<u>2" Coated</u>	<u>Size</u>	<u>1"</u>	<u>2"</u>	<u>1" Coated</u>	<u>2" Coated</u>
	<u>25mm</u>	<u>50mm</u>	<u>25mm</u>	<u>50mm</u>		<u>25mm</u>	<u>50mm</u>	<u>25mm</u>	<u>50mm</u>
12mm	13.63	18.60	23.90	31.55	46mm	64.80	82.71	139.00	176.74
13mm	14.24	19.22	25.34	31.55	47mm	68.23	86.60	146.29	185.57
14mm	14.24	19.22	25.34	33.00	48mm	68.23	92.09	146.29	185.57
15mm	14.57	19.54	25.44	35.94	49mm	68.23	95.57	146.29	200.29
16mm	14.74	19.54	25.77	36.83	50mm	75.11	95.57	160.91	200.29
17mm	15.48	22.00	27.06	37.11	51mm	84.23	108.97	181.14	220.31
18mm	15.48	22.00	27.06	37.11	52mm	97.20	108.97	208.97	220.31
19mm	17.33	24.80	30.31	37.71	53mm	129.49	194.23	-	-
20mm	17.33	24.80	30.31	38.89	54mm	135.96	200.70	-	-
21mm	17.69	26.66	30.94	39.20	55mm	155.38	207.18		
22mm	18.63	26.66	32.45	41.23	56mm	161.86	213.65		
23mm	19.86	30.37	33.74	55.97	57mm	168.33	220.13		
24mm	20.45	30.37	35.71	57.14	58mm	174.81	226.60		
25mm	22.94	31.63	40.06	57.14	59mm	181.28	233.07		
26mm	23.57	32.86	41.14	58.31	60mm	187.75	239.55		
27mm	24.51	34.11	42.80	60.09	61mm	194.23	246.02		
28mm	26.01	35.66	45.20	61.86	62mm	200.70	252.50		
29mm	27.29	37.20	46.23	63.03	63mm	207.18	258.97	-	-
30mm	28.51	39.06	47.43	63.63	64mm	213.65	265.45	-	-
31mm	31.03	39.69	54.14	64.80	65mm	220.13	271.92	-	-
32mm	31.03	42.17	54.14	67.74					
33mm	35.46	47.74	61.91	120.91					
34mm	36.14	50.49	77.51	120.91					
35mm	39.57	53.20	84.86	129.60					
36mm	40.91	53.91	87.77	129.60					
37mm	42.29	57.34	90.69	138.43					
38mm	44.34	60.09	95.06	147.29					
39mm	46.40	62.86	99.49	153.17					
40mm	51.17	64.20	109.69	153.17					
41mm	53.20	68.91	114.09	156.11					
42mm	54.57	71.00	117.09	164.94					
43mm	57.97	76.57	124.37	164.94					
44mm	61.37	78.34	131.66	170.83					
45mm	62.91	79.26	134.57	170.83					

<u>Accessories</u>	<u>Price</u>
Pilot Pin 1" Depth (4mm Dia)	3.68
Pilot Pin 1" Depth (6mm Dia)	3.68
Pilot Pin 35mm Depth (8mm Dia)	7.06
Pilot Pin 2" Depth (4mm Dia)	4.41
Pilot Pin 2" Depth (6mm Dia)	4.41
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°	34.29
Countersink 55mm,60°	45.71
Countersink 50mm,90°	128.57
Cutting Oil 1 Litre	12.00
Cutting Oil 5 Litre	54.29



Turbo-Tough TCT Annular Hole Cutters

Size	35mm	2" 50mm	3" 75mm	4" 100mm	Size	35mm	2" 50mm	3" 75mm	4" 100mm	
12mm	48.57	54.29			53mm	142.86	191.43	257.14	285.71	
13mm	48.57	54.29			54mm	142.86	191.43	257.14	314.29	
14mm	48.57	57.14			55mm	142.86	191.43	257.14	314.29	
15mm	48.57	57.14			56mm	154.29	191.43	285.71	342.86	
16mm	49.14	57.14			57mm	154.29	191.43	285.71	342.86	
17mm	49.14	57.14			58mm	154.29	191.43	314.29	371.43	
18mm	49.71	57.14		85.71	114.29	59mm	154.29	191.43	314.29	371.43
19mm	49.71	57.14		85.71	114.29	60mm	154.29	208.57	314.29	371.43
20mm	50.29	57.14		85.71	114.29	61mm	171.43	208.57	342.86	400.00
21mm	51.43	60.00		85.71	114.29	62mm	171.43	208.57	342.86	400.00
22mm	51.43	60.00	91.43	122.86	63mm	171.43	208.57	342.86	400.00	
23mm	51.43	60.00	91.43	122.86	64mm	171.43	208.57	342.86	428.57	
24mm	51.43	60.00	91.43	122.86	65mm	171.43	228.57	342.86	428.57	
25mm	51.43	60.00	91.43	122.86	66mm	200.00	228.57	371.43	457.14	
26mm	55.43	74.29	91.43	122.86	67mm	200.00	228.57	371.43	457.14	
27mm	55.43	74.29	102.86	131.43	68mm	200.00	228.57	371.43	457.14	
28mm	55.43	74.29	102.86	131.43	69mm	200.00	228.57	371.43	485.71	
29mm	55.43	74.29	102.86	131.43	70mm	200.00	271.43	371.43	485.71	
30mm	55.43	74.29	102.86	131.43	71mm	228.57	271.43	400.00	485.71	
31mm	58.86	80.00	108.57	142.86	72mm	228.57	271.43	400.00	485.71	
32mm	58.86	80.00	108.57	142.86	73mm	228.57	271.43	400.00	514.29	
33mm	58.86	80.00	125.71	157.14	74mm	228.57	271.43	400.00	514.29	
34mm	58.86	94.29	125.71	157.14	75mm	228.57	285.71	400.00	514.29	
35mm	58.86	94.29	125.71	157.14	76mm	257.14	285.71	428.57	571.43	
36mm	68.57	108.57	137.14	171.43	77mm	257.14	285.71	428.57	571.43	
37mm	68.57	108.57	137.14	171.43	78mm	257.14	285.71	428.57	571.43	
38mm	68.57	108.57	137.14	200.00	79mm	257.14	285.71	428.57	657.14	
39mm	68.57	120.00	154.29	200.00	80mm	257.14	322.86	428.57	657.14	
40mm	68.57	120.00	154.29	200.00	81mm	285.71	322.86	457.14	657.14	
41mm	77.71	125.71	171.43	228.57	82mm	285.71	322.86	457.14	685.71	
42mm	77.71	125.71	171.43	228.57	83mm	285.71	322.86	457.14	685.71	
43mm	77.71	125.71	185.71	228.57	84mm	285.71	322.86	457.14	714.29	
44mm	77.71	125.71	185.71	242.86	85mm	285.71	342.86	457.14	714.29	
45mm	77.71	125.71	185.71	242.86	86mm	314.29	342.86	514.29	742.86	
46mm	85.71	154.29	200.00	257.14	87mm	314.29	342.86	514.29	742.86	
47mm	85.71	154.29	200.00	257.14	88mm	314.29	342.86	514.29	800.00	
48mm	85.71	154.29	200.00	257.14						
49mm	85.71	154.29	214.29	271.43						
50mm	85.71	154.29	214.29	271.43						
51mm	142.86	191.43	228.57	285.71						
52mm	142.86	191.43	228.57	285.71						

Turbo-Tough TCT Annular Hole Cutters & Magnetic Based Drilling Machines

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



MiniBeast

Machine Model	Price
Minibeast Drilling Machine, 110v	392.79
Minibeast Drilling Machine, 220v	392.79
Magbeast HM-40 Drilling Machine, 10v	499.93
Magbeast HM-40 Drilling Machine, 220v	499.93
Magbeast LP45 Drilling Machine, 110v	950.00
Magbeast LP45 Drilling Machine, 220v	950.00
Magbeast HM50 Drilling Machine, 110v	710.00
Magbeast HM50 Drilling Machine, 220v	710.00
Magbeast HM50T Drilling Machine, 110v	820.00
Magbeast HM50T Drilling Machine, 220v	820.00
Magbeast HM100 Drilling Machine, 110v	980.00
Magbeast HM100 Drilling Machine, 220v	980.00
Magbeast HM100T Drilling Machine, 110v	1,150.00
Magbeast HM100T Drilling Machine, 220v	1,150.00
Magbeast 4 Drilling Machine, 110v	1,500.00
Magbeast 4 Drilling Machine, 220v	1,500.00
Magbeast HM140T Drilling Machine, 110v	2,700.00
Magbeast HM140T Drilling Machine, 220v	2,700.00
Magbeast 5 Drilling Machine, 110v	957.07
Magbeast 5 Drilling Machine, 220v	2,994.64
Airbeast 35 2MT Air Drilling Machine	3,825.00
Airbeast 35 2MT Air Drilling Machine	3,680.00



MagBeast HM 40



Turbo Steel
Depth 1" - 6"
Dia 10.5—115mm



Turbo Tough
Depth 1" - 6"
Dia. 12—115mm

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

Rip Saws (PI-501 & PI-511)			Longitude cutting multi-blade teeth with wipers 18° for dry wood (PI-503) (CTD)		
P0100930	225x2.3/1.6x60 Z=16	43.56	P0300805	300x3.2/2.1x80 Z=18+4	108.97
P0101000	250x2.6/1.9x30 Z=18	49.55	P0300862	300x3.2/2.1x90 Z=18+4	108.97
P1100001	250x3.5/2.2x30 Z=30	52.89	P0300806	315x3.5/2.3x70 Z=18+4	110.78
P0101001	300x3.2/2.1x30 Z=20	62.04	P0300807	315x3.5/2.3x80 Z=18+4	110.78
P0101002	300x3.2/2.1x30 Z=30	66.90	P0300808	350x3.5/2.3x30 Z=24+4	126.65
P1100002	300x3.5/2.2x30 Z=36	67.36	P0300809	350x3.5/2.3x70 Z=24+4	126.65
P0101003	315x3.4/2.3x30 Z=28	77.38	P0300810	350x3.5/2.3x80 Z=24+4	133.32
P0101004	350x3.6/2.6x30 Z=24	77.38	Longitude cutting multi-blade teeth with wipers 23° for Wet wood (PI-510)		
P1100003	350x3.8/2.5x30 Z=42	83.50	P1004050	250x3.1/1.8x70 Z=16+2	97.56
P0101005	400x3.8/2.6x30 Z=28	92.13	P1004051	250x3.1/1.8x70 Z=20+2	102.71
P1100004	400x4.0/2.6x30 Z=48	93.39	P1001324	300x3.4/2.1x70 Z= 18+4	102.71
P0101425	431.8x4.2/3.0x50 Z=34	122.45	P1001208	300x3.4/2.1x80 Z=18+4	102.71
P0101006	450x4.0/2.9x30 Z=32	97.97	P1001279	315x3.9/2.6x80 Z=18+4	110.78
P0101007	500x4.4/3.1x30 Z=36	117.88	P1001327	350x3.9/2.6x70 Z=18+4	115.37
Rip Saws with Anti- Kickback (PI-508)			P1001328	350x3.9/2.6x80 Z=18+4	115.37
P0800150	300x3.2/2.1x30 Z=14	54.14	P1001307	350x3.9/2.6x90 Z=18+4	115.37
P0800228	300x3.2/2.1x30 Z=20	57.48	P1001308	350x3.9/2.6x70 Z=24+4	124.00
P0800151	350x3.6/2.6x30 Z=16	62.77	P1001309	350x3.9/2.6x80 Z=24+4	124.00
P0800278	350x3.6/2.6x30 Z=24	69.59	P1001329	400x4.0/2.7x70 Z=18+6	131.10
P0800152	400x3.8/2.6x30 Z=18	74.18	P1001330	400x4.0/2.7x80 Z=18+6	131.10
P0800229	400x3.8/2.6x30 Z=28	79.47	P1001325	400x4.0/2.7x70 Z=24+4	140.98
P0800153	450x4.0/2.9x30 Z=20	80.72	P1001302	450x4.5/3.1x70 Z=18+6	145.02
P0800230	450x4.0/2.9x30 Z=32	88.10	P1001312	450x4.5/3.1x80 Z=18+6	145.02
P0800261	500x4.0/3.0x30 Z=44	151.68	P1001326	500x4.5/3.1x70 Z=20+6	170.07
Rip Saws with Anti- Kickback (PI-508) V			As above but with extra thickness for more Stability (PI-510)		
P0800134	250x3.2/2.1x30 Z=24	58.14	P1001314	250x4.4/3.1x70 Z=16+2	110.78
P0800313	300x3.2/2.1x30 Z=28	65.55	P1001316	300x4.4/3.1x70 Z=16+4	113.15
P0800314	315x3.2/2.1x30 Z=28	71.40	P1001317	350x5.0/3.6x70 Z=18+4	128.32
P0800350	355x3.6/2.6x30 Z=32	89.35	P1001318	350x5.0/3.6x80 Z=18+4	128.32
P0800351	400x4.0/2.9x30 Z=36	89.13	P1001319	350x5.0/3.6x90 Z=18+4	128.32
P0800141	450x4.0/2.9x30 Z=40	115.37	P1001320	400x5.2/3.6x70 Z=18+6	157.68
Longitude cutting multi-blade teeth			P1001321	400x5.2/3.6x80 Z=18+6	157.68
P0300800	250x2.8/1.8x30 Z=24+2	103.13	P1001322	450x5.5/4.1x70 Z=18+6	179.67
P0300801	250x2.8/1.8x70 Z=24+2	103.13	P1001323	450x5.5/4.1x80 Z=18+6	179.67
P0300802	250x2.8/1.8x80 Z=24+2	103.13	P1001331	500x5.5/4.1x70 Z=20+6	200.13
P0300803	300x3.2/2.1x30 Z=18+4	108.97			
P0300804	300x3.2/2.1x70 Z=18+4	108.97			

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

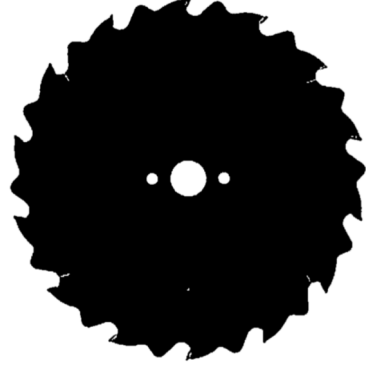
Longitude Cutting TCT saw blades with wipers 23° For Wet Wood (PI-515)			General purpose TCT saw blades with ATB teeth coarse pitch (PI-504) (V=Quiet Body)(T=Hard Tips)		
P1500001	250x3.4/1.9x70 Z=10+2	84.76	Q/P0400022	250x3.2/2.2x30 Z=40 VT	69.03
P1500054	300x3.6/2.3x70 Z=10+4	91.30	Q/P0400009	300x3.2/2.2x30 Z=48 VT	86.57
P1500004	300x3.6/2.3x80 Z=10+4	91.30	Q/P0400012	350x3.2/2.2x30 Z=54 VT	95.20
P1500005	350x3.9/2.6x70 Z=10+4	102.01	P0400018T	400x3.5/2.5x30 Z=60 T	123.03
P1500006	350x3.9/2.6x80 Z=10+4	102.01	General purpose TCT saw blades ATB teeth fine pitch (PI-505)		
P1500008	400x4.0/2.7x70 Z=12+4	111.34	P0500001	250x3.2/2.2x30 Z=60	91.30
P1500055	400x4.0/2.7x80 Z=12+4	111.34	P0500004	250x3.2/2.2x30 Z=80	102.01
P1500010	450x4.5/3.1x70 Z=14+6	128.32	P0501477	255x3.2/2.2x30 Z=60 Neg	101.97
P1500057	500x5.0/3.6x70 Z=14+6	147.80	P0501478	255x3.2/2.2x30 Z=80 Neg	115.17
Longitude Cutting TCT saw blades with wipers 20° For Hard Wet Wood (PI-517)			P0500007	300x3.2/2.2x30 Z=60	99.23
P1700457	250x3.7/2.5x70 Z=16+2	104.94	P0500009	300x3.2/2.2x30 Z=72	105.49
P1700001	300x3.7/2.5x70 Z=18+4	108.00	P0500012	300x3.2/2.2x30 Z=96	114.68
P1700002	300x3.7/2.5x80 Z=18+4	108.00	P0500015	315x3.2/2.2x30 Z=72	110.78
P1700458	315x3.7/2.5x80 Z=18+4	116.63	P0500021	350x3.2/2.2x30 Z=84	114.68
P1700003	350x4.0/2.7x70 Z=18+4	108.00	P0500024	350x3.2/2.2x30 Z=108	142.24
P1700004	350x4.0/2.7x80 Z=18+4	120.66	P0500027	400x3.5/2.5x30 Z=96	134.58
P1700170	350x4.0/2.7x90 Z=18+4	120.66	P0500224	400x3.5/2.5x30 Z=120	157.68
P1700459	350x4.0/2.7x70 Z=24+4	120.66	P0500029	450x3.8/2.8x30 Z=108	176.89
P1700016	350x4.0/2.7x80 Z=24+4	120.66	P0500234	500x4.0/2.8x30 Z=120	207.23
P1700005	400x4.2/2.8x70 Z=18+6	137.64	General purpose TCT saw blades ATB teeth fine pitch (PI-505) (V=Quiet Body) (T=Hard Tips)		
P1700006	400x4.2/2.8x80 Z=18+6	137.64	Q/P0501226	230x3.2/2.2x30 Z=72	104.20
P1700460	400x4.2/2.8x70 Z=24+6	147.94	Q/P0500003	250x3.2/2.2x30 Z=60	97.42
P1700007	450x4.7/3.3x70 Z=18+6	152.53	Q/P0500006	250x3.2/2.2x30 Z=80	109.11
P1700008	450x4.7/3.3x80 Z=18+6	152.53	Q/P0500008	300x3.2/2.2x30 Z=60	106.05
P1700009	500x4.7/3.3x70 Z=20+6	178.70	Q/P0500011	300x3.2/2.2x30 Z=72	113.15
P1700010	500x4.7/3.3x80 Z=20+6	178.70	Q/P0500014	300x3.2/2.2x30 Z=96	123.03
General purpose TCT saw blades with ATB teeth coarse pitch (PI-504)			Q/P0501245	305x3.2/2.2x30 Z=60 Neg	112.24
P0400003	250x3.2/2.2x30 Z=40	64.30	Q/P0501246	305x3.2/2.2x30 Z=80 Neg	124.71
P0401154	255x3.2/2.2x30 Z=40 Neg	64.43	Q/P0500017	315x3.2/2.2x30 Z=72	118.44
P0400007	300x3.2/2.2x30 Z=48	80.72	Q/P0500020	315x3.2/2.2x30 Z=100	139.73
P0400050	315x3.2/2.2x30 Z=48	87.02	Q/P0501174	350x3.2/2.2x30 Z=72	119.27
P0400010	350x3.2/2.2x30 Z=54	88.80	Q/P0500023	350x3.2/2.2x30 Z=84	123.03
P0400015	400x3.5/2.5x30 Z=48	99.23	Q/P0500026	350x3.2/2.2x30 Z=108	151.84
P0400017	400x3.5/2.5x30 Z=60	114.68	Q/P0500040	400x3.5/2.5x30 Z=96	143.77
P0400019	450x3.8/2.8x30 Z=66	121.21	Q/P0500030	450x3.8/2.8x30 Z=108	188.99
P0400021	500x4.0/2.8x30 Z=72	150.31	Q/P0500961	450x4.8/3.5x30 Z=138	237.15
P0400805	735x6.0/4.8x40 Z=80	385.99	Q/P0501102	500x4.8/3.5x30 Z=144	273.06

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

General purpose TCT saw blades with Triple Chip fine pitch (PI-506VT) (V=Quiet Body)

Q/P0600150	220 x 3.2/2.2 x 30 Z=64VT	100.10
Q/P0600003	250 x 3.2/2.2 x 30 Z=60VS	100.34
Q/P0600007	250 x 3.2/2.2 x 30 Z=80VS	106.47
Q/P0600177	250 x 3.2/2.2 x 30 Z=80 VS	116.49
Q/P0600630	250 x 2.8/2.0 x 30 Z=100VT	141.47
Q/P0600010	300 x 3.2/2.2 x 30 Z=60VT	102.43
Q/P0600014	300 x 3.2/2.2 x 30 Z=96VT	102.99
Q/P0600027	300 x 3.2/2.2 x 30 Z=96 VS	114.81
Q/P0600017	315 x 3.2/2.2 x 30 Z=100VT	138.48
Q/P0600021	350 x 3.2/2.2 x 30 Z=108VT	141.82
Q/P0600583	355 x 4.4/3.2 x 75 Z=108VT	258.07
Q/P0600195	400 x 3.5/2.5 x 30 Z=120VT	168.95
Q/P0600584	400 x 4.4/3.2 x 60 Z=108VT	279.11
Q/P0600666	400 x 4.4/3.2 x 75 Z=108VT	279.11

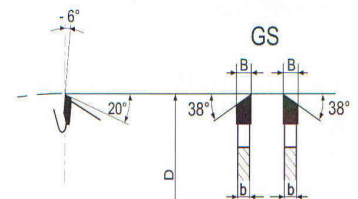
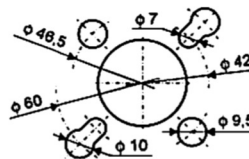
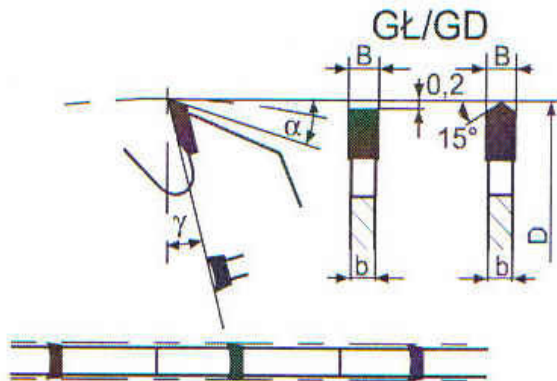
Rip Saws with Anti- Kickback (PI-509) For Wet Conifers 23°



P0900100	300x3.6/2.3x30 Z=14	55.11
P0900101	350x3.9/2.6x30 Z=16	66.80
P0900102	400x4.0/2.7x30 Z=18	76.68
P0900103	450x4.5/3.1x30 Z=20	95.89

TCT saw blades for precise cutting (picture frame) (PI-512VT)

TCT saw blades special tips and high tooth to a point for very hard materials (PI-507VS) Plus has chamfers on the low tooth

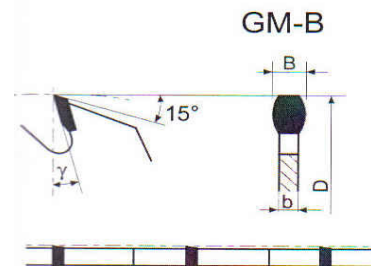


Standard saw blades type PI-512 with diameter from 250 up to 350 are made with following pine holes: 2x10x60 + 2x7x42 + 2x9,5x46,5

P1200002	250x3.2/2.2x30 Z=80	131.10
P1200001	300x3.2/2.2x30 Z=96	146.96
P1200004	350x3.5/2.5x30 Z=108	180.93

TCT saw blades for precise cutting of solid wood - (PI-513)

P0700203	250x3.2/2.2x30 Z=48	92.83
P0700116	303x3.2/2.2x30 Z=60	108.00
P0700121	303x3.2/2.2x30 Z=60 Neg	108.00
P0700068	350x3.2/2.2x30 Z=72	124.70
P0700120	400x3.5/2.5x30 Z=84	186.21
P0700200	250x3.2/2.2x30 Z=52 VS Plus	100.51
P0700201	303x3.2/2.2x30 Z=64 VS Plus	124.70
P0700202	350x3.2/2.2x30 Z=76 VS Plus	143.20



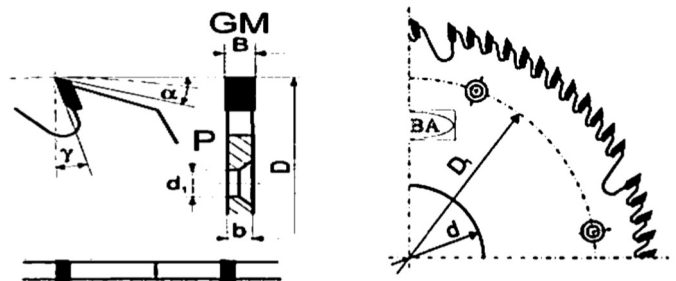
P1300084	225x3.0/2.0x30 Z=40	123.86
P1300001	250x3.0/2.0x30 Z=40	158.05
P1300002	300x3.2/2.2x30 Z=60	226.18

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

TCT saw blades for Panel Sizing (PI-521)			V=Low noise T=Hard Tip S=Super Hard Tip		
Q/P2102001	300x4.4/3.0x65 Z=60 VT	130.27	P2102017	380x4.4/3.0x60 Z=72 VS	178.28
Q/P2100615	305x4.4/3.0x30 Z=60 VT	130.55	P2102018	380x4.4/3.0x75 Z=72 VS	178.28
Q/P2101357	320x4.4/3.0x65 Z=60 VT	133.75	P2101203	380x4.6/3.2x80 Z=72 VS	178.70
Q/P2101358	320x4.4/3.0x75 Z=60 VT	133.75	P2100621	380x4.8/3.5x60 Z=72 VS	202.36
Q/P2101234	350x4.4/3.0x30 Z=72 VT	153.09	P2100622	400x4.4/3.2x30 Z=72 VS	196.10
Q/P2101609	350x4.4/3.0x60 Z=72 VT	153.09	P2100673	400x4.4/3.2x60 Z=72 VS	196.10
Q/P2102003	355x4.4/3.0x30 Z=72 VT	153.09	P2101204	400x4.4/3.2x75 Z=72 VS	196.10
Q/P2102004	355x4.4/3.0x60 Z=72 VT	153.09	P2101205	400x4.4/3.2x80 Z=72 VS	196.10
Q/P2102005	355x4.4/3.0x65 Z=72 VT	153.09	P2101372	420x4.6/3.2x80 Z=72 VS	202.78
Q/P2102006	355x4.4/3.0x75 Z=72 VT	153.09	P2101207	420x4.8/3.5x60 Z=72 VS	210.29
Q/P2102007	355x4.4/3.0x80 Z=72 VT	153.09	P2101208	430x4.4/3.2x80 Z=72 VS	203.33
Q/P2100771	370x4.4/3.0x65 Z=72 VT	171.83	P2100624	450x4.4/3.2x30 Z=72 VS	210.15
Q/P2102008	380x4.4/3.0x60 Z=72 VT	166.59	P2100625	450x4.4/3.2x80 Z=72 VS	210.15
Q/P2102009	380x4.4/3.0x75 Z=72 VT	166.59	P2100627	450x4.8/3.5x60 Z=72 VS	212.66
Q/P2101366	380x4.6/3.2x80 Z=72 VT	167.01	P2101209	470x4.4/3.3x75 Z=72 VS	212.24
Q/P2101367	380x4.8/3.5x60 Z=72 VT	189.14	P2101210	480x4.4/3.2x30 Z=72 VS	211.82
Q/P2101368	400x4.4/3.2x30 Z=72 VT	183.29	P2101211	480x4.8/3.5x80 Z=72 VS	218.92
Q/P2101369	400x4.4/3.2x60 Z=72 VT	183.29	P2101212	500x4.8/3.5x60 Z=72 VS	225.46
Q/P2101370	400x4.4/3.2x75 Z=72 VT	183.29	P2101213	520x4.8/3.5x60 Z=72 VS	259.42
Q/P2101371	400x4.4/3.2x80 Z=72 VT	183.29	P2100425	600x5.8/4.0x60 Z=72 S	289.34
Q/P2100628	420x4.6/3.2x80 Z=72 VT	189.83	P2100355	670x5.8/4.5x60 Z=60 S	356.15
Q/P2101373	420x4.8/3.5x60 Z=72 VT	196.51	P2100356	730x6.2/4.5x60 Z=60 S	413.21
Q/P2101374	430x4.4/3.2x80 Z=72 VT	189.97			
Q/P2100623	450x4.4/3.2x30 Z=72 VT	196.37	P2102200	305x4.4/3.0x30 Z=60 VS Plus	153.37
Q/P2101375	450x4.4/3.2x80 Z=72 VT	196.37	P2102201	355x4.4/3.0x30 Z=72 VS Plus	153.37
Q/P2100707	450x4.8/3.5x30 Z=72 VT	194.84	P2102202	355x4.4/3.0x60 Z=72 VS Plus	180.23
Q/P2100626	450x4.8/3.5x60 Z=72 VT	198.74	P2102203	355x4.4/3.0x75 Z=72 VS Plus	180.23
Q/P2101376	470x4.4/3.3x75 Z=72 VT	198.60	P2102204	355x4.4/3.0x80 Z=72 VS Plus	180.23
Q/P2101377	480x4.4/3.2x30 Z=72 VT	198.60	P2102205	380x4.4/3.0x60 Z=72 VS Plus	196.51
Q/P2101378	480x4.8/3.5x80 Z=72 VT	204.59	P2102206	380x4.8/3.5x60 Z=72 VS Plus	196.51
Q/P2100659	500x4.4/3.2x60 Z=72 VT	207.40	P2102207	400x4.4/3.2x30 Z=72 VS Plus	215.72
Q/P2101379	500x4.8/3.5x60 Z=72 VT	210.71	P2102208	400x4.4/3.2x60 Z=72 VS Plus	215.72
Q/P2101380	520x4.8/3.5x60 Z=72 VT	242.44	P2102209	420x4.6/3.2x80 Z=72 VS Plus	223.10
P2102010	300x4.4/3.0x65 Z=60 VS	139.45	P2101018	430x4.4/3.2x80 Z=72 VS Plus	220.72
P2102011	305x4.4/3.0x30 Z=60 VS	139.73	P2102210	450x4.4/3.2x30 Z=72 VS Plus	231.17
P2101175	320x4.4/3.0x65 Z=60 VS	143.07	P2102211	450x4.4/3.2x60 Z=72 VS Plus	231.17
P2101200	320x4.4/3.0x75 Z=60 VS	143.07	P2102212	450x4.4/3.2x80 Z=72 VS Plus	231.17
P2102012	355x4.4/3.0x30 Z=72 VS	163.81	P2102213	450x4.8/3.5x80 Z=72 VS Plus	240.07
P2102013	355x4.4/3.0x60 Z=72 VS	163.81	P2102214	450x4.8/3.5x60 Z=72 VS Plus	240.07
P2102014	355x4.4/3.0x65 Z=72 VS	163.81	P2102215	460x4.4/3.3x75 Z=72 VS Plus	238.54
P2102015	355x4.4/3.0x75 Z=72 VS	163.81			
P2102016	355x4.4/3.0x80 Z=72 VS	163.81			

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

Conical Scorers (PI-408T)			Aluminium & UPVC cutting saw blades negative rake (PI-530)		
S0800600	100x3.1-4.3/2.5x20 Z=24	70.70	P3000031	200x3.2/2.6x30 Z=64	81.81
S0800601	100x3.1-4.3/2.5x22 Z=24	70.70	P3000654	200x3.2/2.6x32 Z=100	128.74
S0800805	105x3.2-4.5/2.5x20 Z=16	62.37	P3000696	210x2.2/1.6x30 Z=100	127.88
S0800315	120x2.8-3.6/2.2x22 Z=24	80.44	P3000181	216x3.2/2.6x30 Z=64	82.25
S0800002	125x2.8-3.6/2.2x20 Z=24	73.07	P3000527	230x3.2/2.6x30 Z=72	116.76
S0800014	125x3.1-4.3/2.5x20 Z=24	74.18	P3000450	250x2.6/2.0x30 Z=100	140.43
S0800602	125x3.1-4.3/2.5x22 Z=24	74.18	P3000001	250x3.2/2.6x30 Z=60	82.25
S0800402	200x6.2-7.2/4.5x45 Z=36	151.42	P3000002	250x3.2/2.6x30 Z=80	106.05
Conical Scorers (PI-408S)			Aluminium & UPVC cutting saw blades positive rake (PI-531)		
S0800341	100x3.2-4.3/2.5x22 Z=24	74.18	P3000794	275x2.6/2.0x30 Z=100	141.97
S0800272	125x2.8-3.6/2.2x20 Z=24	77.10	P3000003	300x3.2/2.6x30 Z=72	104.52
S0800435	125x2.8-3.6/2.2x22 Z=24	77.10	P3000382	300x3.2/2.6x30 Z=96	127.62
S0800507	125x3.0-4.0/2.5x20 Z=24	78.91	P3000114	330x3.2/2.6x30 Z=102	142.51
S0800655	125x3.0-4.0/2.5x22 Z=24	78.91	P3000005	350x3.8/3.2x30 Z=84	120.67
S0800348	125x3.1-4.3/2.5x20 Z=24	78.91	P3000006	350x3.8/3.2x30 Z=108	153.64
S0800350	125x3.1-4.3/2.5x22 Z=24	78.91	P3000043	350x3.8/3.2x32 Z=108	153.65
S0800886	125x4.4-5.4/3.2x45 Z=20	91.85	P3000494V	380x3.8/3.2x32 Z=110V	190.68
S0800617	160x4.4-5.6/3.2x55 Z=36	102.46	P3000007	400x3.8/3.2x30 Z=96	167.01
S0800887	160x4.4-5.4/3.0x45 Z=28	96.74	P3000008	400x3.8/3.2x32 Z=120	186.21
S0800351	160x4.6-5.6/3.0x55 Z=36	102.71	P3000392	400x3.8/3.2x32 Z=96	167.01
S0800603	180x4.4-5.4/3.0x45 Z=36	104.38	P3000314	400x3.8/3.2x32 Z=120	186.21
S0800609	180x4.4-5.4/3.0x30 Z=36	104.38	P3000134 V	420x3.8/3.2x30 Z=108V	207.61
S0800419	180x4.8-5.8/3.5x45 Z=36	106.74	P3000444	450x4.0/3.2x30 Z=96	189.15
S0800604	200x4.4-5.4/3.0x30 Z=36	113.01	P3000009	450x3.8/3.2x30 Z=108	187.33
S0800605	200x4.4-5.4/3.0x30 Z=36	113.01	P3000010	450x3.8/3.2x30 Z=144	246.29
S0800481	200x4.4-5.4/3.0x45 Z=36	113.01	Aluminium & UPVC cutting saw blades positive rake (PI-531)		
S0800607	200x4.4-5.4/3.0x65 Z=36	113.01	P3100002	250x3.2/2.6x30 Z=80	106.05
S0800690	200x4.8-5.8/3.5x20 Z=36	118.52	P3100004	300x3.2/2.6x30 Z=96	127.76
S0800606	200x4.8-5.8/3.5x45 Z=36	117.19	P3100005	330x3.2/2.6x30 Z=102	142.51
S0800702	200x4.8-5.8/3.5x65 Z=36	128.87	P3100007	350x3.2/2.6x30 Z=108	145.60
S0800722	200x5.8-6.8/4.0x45 Z=36	136.81	P3100008	400x3.8/3.2x30 Z=96	167.01
S0800238	215x4.4-5.6/3.2x45 Z=42	116.00	TCT Hogging Blades PI-406T		
TCT Split Scorers With Spacers (PI-405T)			S0600021	200x4.0/2.8x80 Z=60 R/H	111.90
S0500280	80x2.8/3.6x20 Z=2x10	78.77	S0600022	200x4.0/2.8x80 Z=60 L/H	111.90
S0500002	100x2.8/3.6x20 Z=2x12	75.15	S0600007	250x4.0/3.0x80 Z=72 R/H	115.93
S0500004	100x2.8/3.6x22 Z=2x12	75.15	S0600008	250x4.0/3.0x80 Z=72 L/H	115.93
S0500085	100x2.8/3.6x20 Z=2x12	78.77	S0600011	250x4.0/3.0x100 Z=72 R/H	115.93
S0500068	100x2.8/3.6x22 Z=2x12	78.77	S0600012	250x4.0/3.0x100 Z=72 L/H	115.93
S0500038	120x2.8/3.6x20 Z=2x12	89.77			
S0500023	120x2.8/3.6x22 Z=2x12	89.77			
S0500059	120x2.8/3.6x50 Z=2x12	94.64			
S0500066	120x2.8/3.6x20 Z=2x12	94.64			
S0500057	120x2.8/3.6x22 Z=2x12	94.64			
S0500216	120x2.8/3.6x50 Z=2x12	101.32			
S0500008	125x2.8/3.6x20 Z=2x12	89.77			
S0500010	125x2.8/3.6x22 Z=2x12	89.77			
S0500053	125x2.8/3.6x20 Z=2x12	94.64			
S0500054	125x2.8/3.6x22 Z=2x12	94.64			
S0500247	180x4.8/5.6x45 Z=2x24	153.77			
S0500248	200x4.8/5.6x45 Z=2x24	156.59			



TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

Wood slotting saws (PI-402) T & S			Wood slotting saws left & right hand hogsers (PI-406 T)		
S0200001	150x2.8/2.0x30 Z=24	59.15	S0600021	200x4.0/2.8x80 Z=60 R/H	111.90
S0200002	150x3.0/2.0x30 Z=36	65.55	S0600022	200x4.0/2.8x80 Z=60 L/H	111.90
S0200003	150x3.2/2.2x30 Z=36	65.55	S0600007	250x4.0/3.0x80 Z=72 R/H	115.93
S0200232	150x3.2/2.2x40 Z=36	65.55	S0600008	250x4.0/3.0x80 Z=72 L/H	115.93
S0200004	150x3.4/2.2x30 Z=36	65.55	S0600011	250x4.0/3.0x100 Z=72 R/H	115.93
S0200006	150x4.0/3.0x30 Z=36	69.03	S0600012	250x4.0/3.0x100 Z=72 R/H	115.93
S0200011	160x3.2/2.2x30 Z=36	65.55	Wood slotting saws (PI-403)		
S0201855	200x3.0/2.0x40 Z=48	60.26	S0300001	180x3.2/2.2x50 Z=36	93.39
S0200014	200x3.2/2.2x30 Z=24	60.26	S0300002	180x3.2/2.2x50 Z=48	99.09
S0200015	200x3.2/2.2x30 Z=36	69.58	S0300029	180x3.2/2.2x50 Z=48	103.82
S0200249	200x3.2/2.2x40 Z=36	69.59	S0300005	200x3.2/2.2x50 Z=60	110.23
S0200077	200x4.0/3.0x30 Z=48	86.43	Wood slotting saws (PI-401) T & S		
S0200031	150x3.2/2.2x30 Z=36T	69.59	S0100002	100x3.2/2.2x30 Z=18	45.79
S0201043	150x4.0/3.0x30 Z=36T	72.51	S0100004	100x3.4/2.2x22 Z=18	45.79
S0200697	150x4.0/3.0x30 Z=36S	76.55	S0100003	100x3.4/2.2x30 Z=18	45.79
S0203575	150x5.0/3.5x30 Z=36T	79.47	S0100005	100x4.0/3.0x30 Z=18	47.60
S0201799	150x6.0/4.0x30 Z=36T	84.06	S0100010	125x2.5/1.8x30 Z=12	35.91
S0200243	150x8.0/5.0x30 Z=36T	88.79	S0100011	125x3.0/2.0x30 Z=12	35.91
S0201110	200x3.0/2.0x30 Z=48T	81.14	S0100023	125x3.4/2.2x30 Z=24	56.78
S0200516	200x3.2/2.2x30 Z=48T	81.14	S0100025	125x3.4/2.2x30 Z=36	63.74
S0201124	200x3.2/2.2x30 Z=60T	91.58	S0100018	125x4.0/3.0x30 Z=12	36.46
Wood slotting saw blades left & right hand hogsers (PI-404 T & S)			S0100052	125x4.0/3.0x30 Z=24	63.18
S0400001	180x3.2/2.2x65 Z=48 R/H (T)	89.35	S0100019	125x5.0/3.5x30 Z=12	42.86
S0400002	180x3.2/2.2x65 Z=48 L/H (T)	89.35	S0100020	125x6.0/4.0x30 Z=12	48.71
S0400358	180x3.2/2.2x65 Z=54 R/H (T)	96.86	S0100021	125x8.0/5.0x30 Z=12	53.30
S0400359	180x3.2/2.2x65 Z=54 L/H (T)	96.86	<hr/>		
S0400511	220x4.0/2.8x80 Z=48 R/H (S)	124.70	S0100717	125x3.2/2.2x20 Z=36 T	66.11
S0400510	220x4.0/2.8x80 Z=48 L/H (S)	124.70	S0100850	125x3.2/2.2x30 Z=36 T	66.11
S0400820	250x4.4/2.8x80 Z=54 R/H (S)	117.18	S0100263	125x3.4/2.2x20 Z=24 T	60.26
S0400821	250x4.4/2.8x80 Z=54 L/H (S)	117.18	S0100200	125x3.4/2.2x20 Z=36 T	66.11
			S0100673	125x3.4/2.2x20 Z=36 S	70.14
			S0100596	125x3.4/2.2x22 Z=36 T	66.11
			S0101288	125x3.4/2.2x22 Z=36 S	70.14

TUNGSTEN CARBIDE TIPPED CIRCULAR SAW BLADES

Freud - Bosch Pro range for portable machines

Rip Saw blades				General Purpose Saw Blades			
LP20M-004	150x2.4x16	LP20M-004 Z=12	15.81	LP30M-001	125x2.4x20	LP30M-001 Z=24	20.88
LP20M-005	150x2.4x20	LP20M-005 Z=12	15.81	LP30M-002	130x2.4x20	LP30M-002 Z=24	20.88
LP20M-006	160x2.4x16	LP20M-006 Z=12	16.16	LP30M-003	140x2.4x20	LP30M-003 Z=24	20.88
LP20M-007	160x2.4x20	LP20M-007 Z=12	16.16	LP30M-004	150x2.4x16	LP30M-004 Z=24	21.24
LP20M-008	160x2.4x30	LP20M-008 Z=12	16.16	LP30M-005	150x2.4x20	LP30M-005 Z=24	21.24
LP20M-009	170x2.4x30	LP20M-009 Z=12	16.28	LP30M-006	160x2.4x16	LP30M-006 Z=24	21.24
LP20M-010	180x2.4x20	LP20M-010 Z=12	16.28	LP30M-007	160x2.4x20	LP30M-007 Z=24	21.24
LP20M-011	180x2.4x30	LP20M-011 Z=12	16.28	LP30M-008	160x2.4x30	LP30M-008 Z=24	21.24
LP20M-012	184x2.4x16	LP20M-012 Z=12	17.11	LP30M-009	170x2.4x30	LP30M-009 Z=24	21.47
LP20M-013	190x2.4x16	LP20M-013 Z=12	17.46	LP30M-010	180x2.4x20	LP30M-010 Z=24	21.47
LP20M-014	190x2.4x20	LP20M-014 Z=12	17.46	LP30M-011	180x2.4x30	LP30M-011 Z=24	21.47
LP20M-015	190x2.4x30	LP20M-015 Z=12	17.46	LP30M-012	184x2.4x16	LP30M-012 Z=24	21.82
LP20M-016	200x2.4x30	LP20M-016 Z=16	19.10	LP30M-013	190x2.4x16	LP30M-013 Z=24	22.53
LP20M-017	210x2.4x25	LP20M-017 Z=16	20.64	LP30M-014	190x2.4x20	LP30M-014 Z=24	22.53
LP20M-018	210x2.4x30	LP20M-018 Z=16	20.64	LP30M-015	190x2.4x30	LP30M-015 Z=24	22.53
LP20M-019	216x2.4x30	LP20M-019 Z=24	26.07	LP30M-016	200x2.4x30	LP30M-016 Z=30	25.13
LP20M-020	220x2.4x30	LP20M-020 Z=16	21.70	LP30M-017	210x2.4x25	LP30M-017 Z=30	26.78
LP20M-021	230x2.8x30	LP20M-021 Z=24	23.25	LP30M-018	210x2.4x30	LP30M-018 Z=30	26.78
LP20M-022	235x2.8x25	LP20M-022 Z=24	26.00	LP30M-019	216x2.4x30	LP30M-019 Z=48	26.52
LP20M-023	235x2.8x30	LP20M-023 Z=24	26.30	LP30M-020	220x2.4x20	LP30M-020 Z=30	27.72
LP20M-024	240x2.8x30	LP20M-024 Z=24	26.54	LP30M-021	230x2.8x30	LP30M-021 Z=34	30.67
LP20M-025	250x2.8x30	LP20M-025 Z=24	27.84	LP30M-022	235x2.8x25	LP30M-022 Z=34	30.67
				LP30M-023	235x2.8x30	LP30M-023 Z=34	30.67
				LP30M-024	240x2.8x30	LP30M-024 Z=36	31.62
				LP30M-025	250x2.8x30	LP30M-025 Z=40	34.68
Fine Cutting Saw Blades				Fine Cutting Saw Blades			
LP40M-006	160x2.4x16	LP40M-006 Z=40	28.31	LP40M-017	210x2.4x25	LP40M-017 Z=40	31.62
LP40M-007	160x2.4x20	LP40M-007 Z=40	28.31	LP40M-018	210x2.4x30	LP40M-018 Z=40	33.83
LP40M-008	160x2.4x30	LP40M-008 Z=40	28.31	LP40M-019	216x2.4x30	LP40M-019 Z=64	44.36
LP40M-009	170x2.4x30	LP40M-009 Z=40	28.55	LP40M-020	220x2.4x30	LP40M-020 Z=40	31.97
LP40M-010	180x2.4x20	LP40M-010 Z=40	28.55	LP40M-021	230x2.8x30	LP40M-021 Z=48	36.92
LP40M-011	180x2.4x30	LP40M-011 Z=40	28.55	LP40M-022	235x2.8x25	LP40M-022 Z=48	36.92
LP40M-012	184x2.4x16	LP40M-012 Z=40	28.90	LP40M-023	235x2.8x30	LP40M-023 Z=48	36.92
LP40M-013	190x2.4x16	LP40M-013 Z=40	29.61	LP40M-024	240x2.8x30	LP40M-024 Z=48	36.92
LP40M-014	190x2.4x20	LP40M-014 Z=40	29.61	LP40M-025	250x2.8x30	LP40M-025 Z=60	43.06
LP40M-015	190x2.4x30	LP40M-015 Z=40	29.61	LP40M-026	160x2.2x20	LP40M-026 Z=48	41.56
LP40M-016	200x2.4x30	LP40M-016 Z=40	29.72				

BANDSAW BLADES PREMIUM QUALITY CARBON

Description:

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.

1"	1.1/4"	3/16"	1/4"	Extra Set	Extra Set	3/8"	1/2"	5/8"	3/4"
		5mm	6mm	10mm	13mm	16mm	20mm	27mm	32mm
		.025"	.025"	.025"	.025"	.032"	.032"	.035"	.032"
8'-0"	2430	17.02	14.61	14.85	15.37	19.69	21.15	26.07	
9'-0"	2740	18.27	15.56	15.83	16.41	21.04	22.70	27.99	
10'-0"	3050	19.51	16.49	16.81	17.43	22.41	24.23	29.93	
11'-0"	3350	20.76	17.44	17.77	18.48	23.75	25.76	31.87	42.92
12'-0"	3660	22.00	18.37	18.75	19.51	25.11	27.29	33.80	45.56
13'-0"	3960	23.23	19.31	19.73	20.55	26.45	28.81	35.75	48.15
14'-0"	4270	24.47	20.26	20.69	21.56	27.79	30.34	37.69	50.78
15'-0"	4570	25.73	21.20	21.69	22.62	29.15	31.87	39.62	53.36
16'-0"	4880	26.96	22.13	22.63	23.65	30.50	33.41	41.56	56.00
17'-0"	5180	28.20	23.08	23.62	24.68	31.85	34.96	43.50	58.61
18'-0"	5490	29.45	24.01	24.58	25.71	33.19	36.50	45.41	61.23
19'-0"	5790	30.68	24.96	25.56	26.75	34.54	38.02	47.39	63.85
20'-0"	6100	31.94	25.89	26.52	27.79	35.90	39.55	49.30	66.45
21'-0"	6400	33.16	26.85	27.51	28.81	37.25	41.07	51.23	69.05
22'-0"	6700	34.42	27.77	28.47	29.85	38.59	42.61	53.19	71.69
23'-0"	7010	35.65	28.71	29.45	30.91	39.95	44.14	55.13	74.29
24'-0"	7320	36.90	29.65	30.41	31.92	41.30	45.67	57.05	76.50
25'-0"	7620	38.15	30.59	31.39	34.16	42.65	47.21	59.00	79.52
26'-0"	7920	39.38	31.52	32.36	34.00	44.00	48.75	60.93	82.14
27'-0"	8230	40.63	32.46	33.33	35.02	45.33	50.26	62.86	84.77
28'-0"	8530	42.63	33.40	34.31	36.07	46.68	51.79	64.81	87.37
29'-0"	8840	43.10	34.34	35.27	37.11	48.04	53.32	66.74	89.99

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"	2"	2.5/8"
8'-0"	2440	42.92	42.92	44.71	47.80				
8'-6"	2590	45.10	45.10	46.97	50.19				
9'-0"	2745	47.27	47.27	49.23	52.59				
9'-6"	2895	49.44	49.44	51.50	54.98				
10'-0"	3050	51.61	51.61	53.76	57.37				
10'-6"	3200	53.79	53.79	56.02	59.76	73.33	96.68	121.38	193.82
11'-0"	3350	55.97	55.97	58.29	62.15	76.25	100.63	126.41	200.89
11'-6"	3505	58.13	58.13	60.55	64.54	79.20	104.58	131.43	207.96
12'-0"	3660	60.31	60.31	62.81	66.93	82.12	108.52	136.45	215.04
12'-6"	3810	62.49	62.49	65.08	69.32	85.07	112.47	141.47	222.11
13'-0"	3960	64.65	64.65	67.34	71.71	88.00	116.42	146.50	229.19
13'-6"	4115	66.83	66.83	69.60	74.10	90.94	120.37	151.52	236.26
14'-0"	4265	68.97	68.97	71.84	76.47	93.82	124.26	156.47	243.23
14'-6"	4420	71.17	71.17	74.13	78.89	96.81	128.26	161.56	250.41
15'-0"	4570	73.35	73.35	76.40	81.28	99.74	132.21	166.58	257.48
15'-6"	4725	75.52	75.52	78.66	83.67	102.68	136.15	171.61	264.55
16'-0"	4875	77.70	77.70	80.92	86.06	105.61	140.10	176.63	271.63
16'-6"	5030	79.88	79.88	83.19	88.45	108.55	144.05	181.65	278.70
17'-0"	5180	82.04	82.04	85.45	90.84	111.48	147.99	186.67	285.77
17'-6"	5335	84.22	84.22	87.71	93.23	114.42	151.94	191.70	292.85
18'-0"	5485	86.38	86.38	89.98	95.62	117.35	155.89	196.72	299.92
18'-6"	5640	88.56	88.56	92.24	98.01	120.29	159.84	201.74	307.00
19'-0"	5790	90.74	90.74	94.50	100.40	123.22	163.78	206.76	314.07
19'-6"	5945	92.91	92.91	96.77	102.79	126.17	167.73	211.78	321.14
20'-0"	6095	95.08	95.08	99.03	105.18	129.09	171.68	216.81	328.22
20'-6"	6249	97.25	97.25	101.29	107.57	132.03	175.63	221.83	335.29
21'-0"	6400	99.44	99.44	103.56	110.24	134.97	179.58	226.85	342.36
21'-6"	6555	101.60	101.60	105.82	112.36	137.90	183.52	231.88	349.44
22'-0"	6705	103.77	103.77	108.09	114.75	140.84	187.47	236.89	356.51
22'-6"	6860	105.94	105.94	110.35	117.14	143.78	191.42	241.92	363.58
23'-0"	7010	108.13	108.13	112.61	119.52	146.71	195.35	246.94	370.66
23'-6"	7160	110.29	110.29	114.88	121.92	149.64	199.30	251.97	377.73
24'-0"	7315	112.46	112.46	117.14	124.31	152.57	203.25	256.98	384.81
24'-6"	7465	114.65	114.65	119.40	126.71	155.51	207.20	262.01	391.88
25'-0"	7620	116.82	116.82	121.67	129.09	158.45	211.14	267.03	398.95



Use the nearest price over welded length required

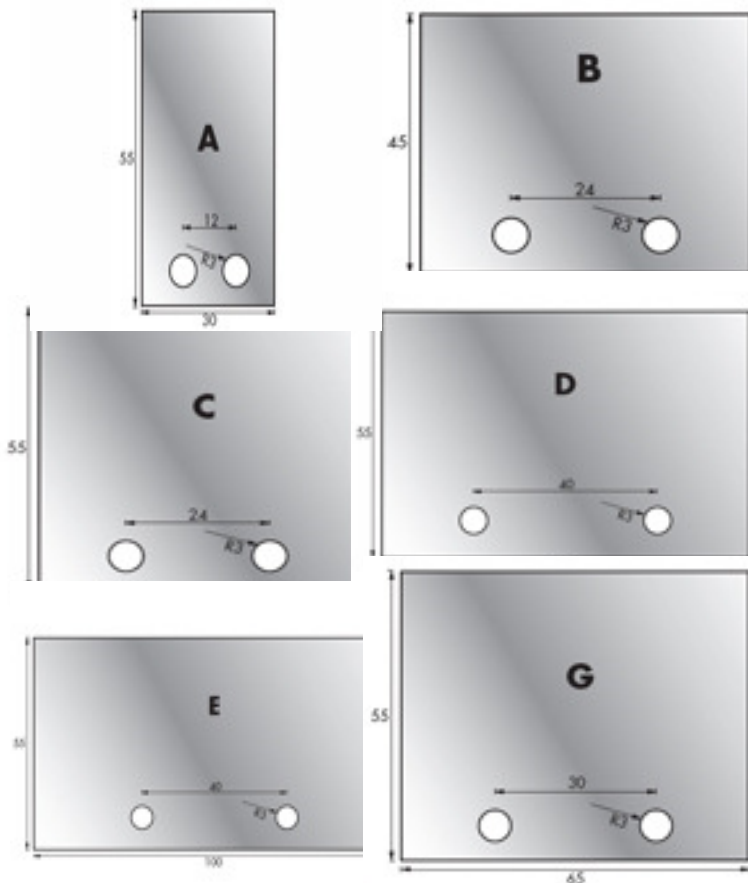
SERRATED & WHITEHILL CUTTER BLANKS

Serrated Cutter Blanks 6% Cobalt

H x S (mm)	40 x 8	50 x 8	60 x 8	70 x 8	80 x 8
Length (mm)					
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



Whitehill Cutters & Limiters Blanks



<u>Part ID</u>	<u>Size</u>	<u>List</u>
"A" Cutters	30 x 55 x 6mm	7.63
"A" Limiters	28.25 x 54 x 4mm	5.80
"B" Cutters	55 x 45 x 4mm	6.08
"B" Limiters	53 x 44 x 4mm	5.99
"C" Cutters	55 x 55 x 6mm	9.74
"C" Limiters	53 x 44 x 4mm	6.87
"D" Cutters	80 x 55 x 6mm	13.79
"D" Limiters	78 x 54 x 4mm	7.35
"E" Cutters	100 x 55 x 6mm	16.93
"E" Limiters	98 x 54 x 4mm	11.10
"G" Cutters	65 x 55 x 6mm	12.17
"G" Limiters	63 x 54 x 4mm	8.19

UNIVERSAL SAFETY CUTTERHEADS



<u>Size</u>	<u>Material/ # Teeth</u>	<u>Price</u>
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

<u>Blank Knife</u>		<u>Price</u>
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 50 x 32.5	Pair	13.92

Pre-profiled Knives & Limiters

<u>40mm</u>	<u>Cutter</u>	<u>Limiter</u>	<u>40mm TCT</u>	<u>Cutter</u>	<u>Limiter</u>
1-134 Pair	11.07	10.45	16 & 17 Pair	47.08	10.45
170-177 Pair	11.07	10.45	66 Pair	39.84	10.45
191 Pair	9.02	5.51	75 Pair	47.08	10.45
211-212 Pair	9.02	10.41	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

<u>50mm</u>	<u>Cutter</u>	<u>Limiter</u>
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

Cylinder boring bits with carbide tips for hinge boxes

15 x 57 x 8	2+2	RH	24.98	45 x 57 x 10	2+2	RH	39.83
20 x 57 x 8	2+2	RH	27.34	50 x 57 x 10	2+2	RH	40.05
25 x 57 x 8	2+2	RH	28.69	55 x 57 x 10	2+2	RH	43.99
35 x 57 x 8	2+2	RH	36.34	60 x 57 x 10	2+2	RH	49.28
15 x 57 x 10	2+2	R&L/H	21.83	50 x 10 x 70	2+2	R/H	45.36
16 x 57 x 10	2+2	R&L/H	22.50	15 x 70 x 10	2+2	R&L/H	23.63
17 x 57 x 10	2+2	RH	22.05	20 x 70 x 10	2+2	R&L/H	25.20
18 x 57 x 10	2+2	R&L/H	23.40	25 x 70 x 10	2+2	R&L/H	26.44
19 x 57 x 10	2+2	RH	23.40	35 x 70 x 10	2+2	R&L/H	34.09
20 x 57 x 10	2+2	R&L/H	23.85	50 x 70 x 10	2+2	RH	43.99
22 x 57 x 10	2+2	RH	16.20	15 x 90 x 10	2+2	RH	30.60
24 x 57 x 10	2+2	RH	24.30	20 x 90 x 10	2+2	RH	33.08
25 x 57 x 10	2+2	R&L/H	25.20	25 x 90 x 10	2+2	R&L/H	34.76
26 x 57 x 10	2+2	R&L/H	25.99	35 x 90 x 10	2+2	R/H	43.76
30 x 57 x 10	2+2	R&L/H	31.50	40 x 90 x 10	2+2	L/H	48.15
34 x 57 x 10	2+2	R&L/H	31.50	50 x 90 x 10	2+2	RH	55.80
35 x 57 x 10	2+2	R&L/H	31.50				
40 x 57 x 10	2+2	R/H	34.54				

MORTICE CHISELS

Mortice Chisels (Premium NH)

<u>Size</u>	<u>mm</u>	<u>Complete</u>	<u>Bit Only</u>
1/4"	6.35mm	44.45	17.20
5/16"	7.94mm	44.45	17.20
3/8"	9.53mm	47.75	18.35
3/8"	9.53 mm Long Reach	77.15	
7/16"	11.12mm	54.20	22.05
1/2"	12.70mm	55.95	25.25
1/2"	12.70 Long Reach mm	84.05	45.70
9/16"	14.29mm	59.90	28.10
5/8"	15.88mm	64.30	30.35
5/8"	15.88Long Reach mm	92.25	50.80
3/4"	19.05mm	87.20	35.35
7/8"	22.23mm	93.05	43.60
1"	25.40mm	112.70	47.90



Mortice Chisels (Japanese Type)



<u>Size</u>	<u>MM</u>	<u>Complete</u>
1/4"	6.35mm	39.70
5/16"	7.94mm	39.70
3/8"	9.53mm	39.70
7/16"	11.12mm	43.38
1/2"	12.70mm	43.38
9/16"	14.29mm	50.35
5/8"	15.88mm	50.35
3/4"	19.05mm	72.11
7/8"	22.23mm	N/A
1"	25.40 mm	N/A

PROFILE CUTTERS

Serrated Cutters

TCT Serrated Cutter 40x70x8 G2	161.32
TCT Serrated Cutter 60x50x8 G1	126.71
TCT Serrated Cutter 60x50x8 G2	140.79
TCT Serrated Cutter 60x60x8 G1	140.79
TCT Serrated Cutter 60x60x8 G2	156.44
TCT Serrated Cutter 60x70x8 G1	154.83
TCT Serrated Cutter 80x50x8 G1	137.26
TCT Serrated Cutter 80x50x8 G2	153.73
TCT Serrated Cutter 100x50x8 G1	152.33
TCT Serrated Cutter 100x50x8 G2	169.26
TCT Serrated Cutter 100x60x8 G2	188.06
HSS Serr Profile 40x50x8 Group 1	39.41
HSS Serr Profile 40x50x8 Group 2	43.98
HSS Serr Profile 40x60x8 Group 1	43.98
HSS Serr Profile 40x60x8 Group 2	48.86
HSS Serr Profile 40x70x8 Group 1	48.39
HSS Serr Profile 40x70x8 Group 2	53.78
HSS Serr Profile 60x50x8 Group 1	42.24
HSS Serr Profile 60x50x8 Group 2	46.94
HSS Serr Profile 60x60x8 Group 1	46.94
HSS Serr Profile 60x60x8 Group 2	52.14
HSS Serr Profile 60x70x8 Group 1	51.61
HSS Serr Profile 60x70x8 Group 2	57.36
HSS Serr Profile 60x80x8 Group 2	75.64
HSS Serr Profile 80x50x8 Group 1	45.75
HSS Serr Profile 80x50x8 Group 2	50.84
HSS Serr Profile 80x60x8 Group 1	50.84
HSS Serr Profile 80x60x8 Group 2	56.47
HSS Serr Profile 80x70x8 Group 1	55.92
HSS Serr Profile 80x70x8 Group 2	62.15
HSS Serr Profile 80x80x8 Group 2	84.66
HSS Serr Profile 100x50x8 Group 1	50.78
HSS Serr Profile 100x50x8 Group 2	56.42
HSS Serr Profile 100x60x8 Group 1	56.42
HSS Serr Profile 100x60x8 Group 2	62.69
HSS Serr Profile 100x70x8 Group 1	62.06
HSS Serr Profile 100x70x8 Group 2	68.94
HSS Serr Profile 100x80x8 Group 2	102.28
HSS Serr Profile 130x50x8 Group 1	60.57
HSS Serr Profile 130x50x8 Group 2	67.29
HSS Serr Profile 130x60x8 Group 1	67.29
HSS Serr Profile 130x60x8 Group 2	74.77
HSS Serr Profile 130x70x8 Group 1	74.03

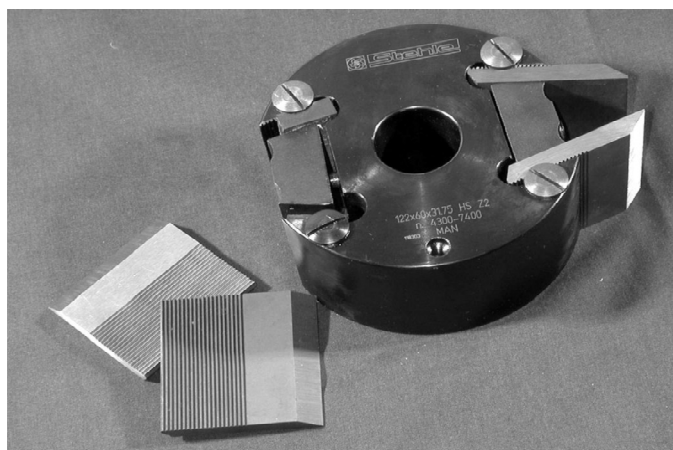
Serrated Cutters (Ctd)

HSS Serr profile 130x70x8 Group 2	82.25
HSS Serr profile 130x80x8 Group 2	114.98
HSS Serr Profile 150x50x8 Group1	67.84
HSS Serr Profile 150x50x8 Group 2	75.39
HSS Serr profile 150x60x8 Group 1	75.39
HSS Serr Profile 150x60x8 Group 2	83.77
HSS Serr Profile 150x70x8 Group 1	82.93
HSS Serr Profile 150x70x8 Group 2	92.12
HSS Serr Profile 150x80x8 Group 1	116.79
HSS Serr profile 170x80x8 Group 2	134.78
HSS Serr profile 180x50x8 Group 1	81.42
HSS Serr profile 180x50x8 Group 2	89.00
HSS Serr profile 180x60x8 Group 2	96.57
HSS Serr profile 180x70x8 Group 1	96.57
HSS Serr profile 180x70x8 Group 2	104.14
HSS Serr Profile 180x80x8 Group 2	142.21
HSS Serr profile 200x70x8 Group 1	107.12
HSS Serr profile 230x50x8 Group 1	103.40
HSS Serr profile 230x50x8 Group 2	114.77
HSS Serr profile 230x60x8 Group 2	128.96

Serrated Cutterhead Power Feed



Serrated Cutterhead Manual



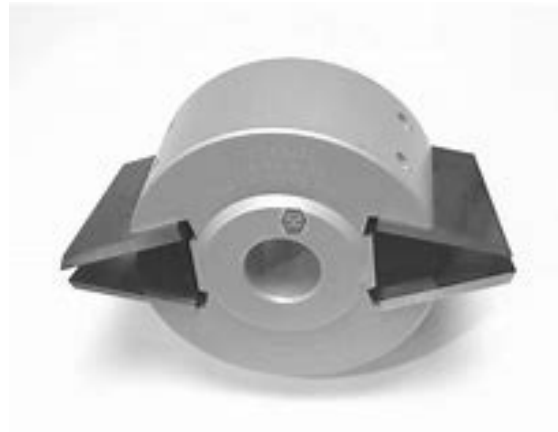
PROFILE CUTTERS

Euro Cutters

TCT Euro Cutter 40x45 Group 1	72.29
TCT Euro Cutter 40x45 Group 2	79.49
TCT Euro Cutter 50x45 Group 1	75.88
TCT Euro Cutter 50x45 Group 2	83.48
HSS Euro Profile 40x45 Group 1	24.08
HSS Euro Profile 40x45 Group 2	26.49
HSS Euro Profile 50x45 Group 1	25.29
HSS Euro Profile 50x45 Group 2	27.83
HSS Euro Profile 60x50 Group 1	26.98
HSS Euro Profile 60x50 Group 2	29.98

Whitehill Cutters

W/hill TCT Cutter (B) 55x45 Group 2	115.48
W/hill TCT Cutter (C) 55x55 Group 2	124.71
W/hill TCT Cutter (E) 100x55 Group 2	152.02
W/hill TCT Cutter (G) 65x55 Group 2	131.23
W/Hill Cutter (A1) 30x45 Group 1	25.53
W/hill Cutter (A1) 30x45 Group 2	27.02
W/hill Cutter (A) 30x55 Group 1	27.02
W/hill Cutter (A) 30x55 Group 2	30.14
W/hill Cutter (B) 55x45 Group 1	25.98
W/hill Cutter (B) 55x45 Group 2	28.87
W/hill Cutter (C) 55x55 Group 1	28.06
W/hill Cutter (C) 55x55 Group 2	31.18
W/hill Cutter (D) 80x55 Group 1	34.89
W/hill Cutter (D) 80x55 Group 2	36.52
W/hill Cutter (E) 100x55 Group 1	36.37
W/hill Cutter (E) 100x55 Group 2	38.01
W/hill Cutter (F) 100x40 Group1	36.37
W/hill Cutter (F) 100x40 Group 2	38.01
W/hill Cutter (G) 65x55 Group 1	31.18
W/hill Cutter (G) 65x55 Group 2	32.81



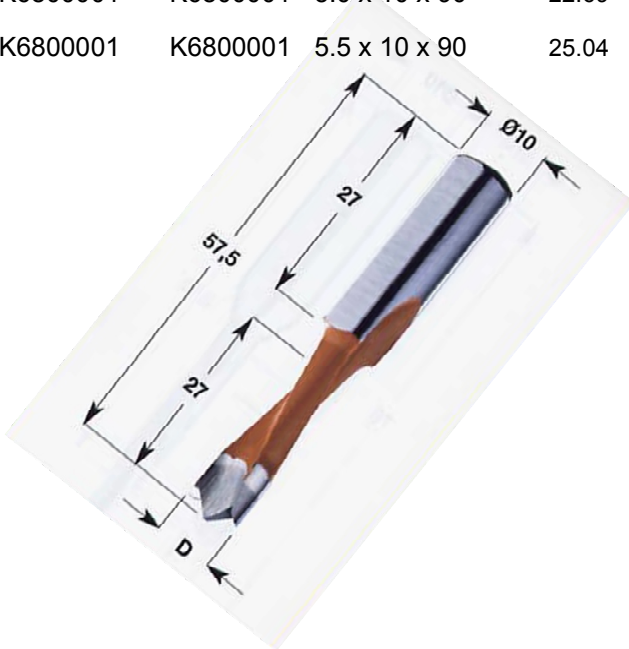
LIP & SPUR DRILLS RIGHT & LEFT HAND

Lip & Spur Solid Carbide

Lip & Spur Carbide Tipped

<u>Part No.</u>	<u>Part No.</u>	<u>Size</u>	<u>Price</u>
<u>Right Hand</u>	<u>Left Hand</u>		
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
<u>K3500013</u>	<u>K3500014</u>	<u>10.0 x 10 x 57.5</u>	<u>36.08</u>
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
<u>K5100011</u>	<u>K5100012</u>	<u>10.0 x 10 x 70</u>	<u>48.65</u>
K5800007	K5800008	5.0 x 10 x 77	19.11
K5800005	K5800006	5.5 x 10 x 77	21.47
<u>K5800003</u>	<u>K5800000</u>	<u>6.0 x 10 x 77</u>	<u>21.87</u>
K6800001	K6800001	5.0 x 10 x 90	22.69
K6800001	K6800001	5.5 x 10 x 90	25.04

<u>Part No.</u>	<u>Part No.</u>	<u>Size</u>	<u>Price</u>
<u>Right Hand</u>	<u>Left Hand</u>		
K0100005	K0100006	6.0 x 10 x 70	9.10
K0100019	K0100018	6.5 x 10 x 70	13.08
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



THROUGH DRILLS RIGHT & LEFT HAND

Thru-Hole Solid Carbide

Thru-Hole Drills Carbide Tipped

Solid Carbide Thru Drill Bits WP-15

<u>Right Hand</u>	<u>Left Hand</u>		
<u>Cat No</u>	<u>Cat No</u>	<u>Size</u>	<u>Price</u>
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

<u>Right Hand</u>	<u>Left Hand</u>		
<u>Cat No</u>	<u>Cat No</u>	<u>Size</u>	<u>Price</u>
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

<u>Right Hand</u>	<u>Left Hand</u>	<u>For solid wood</u>	
<u>Cat No</u>	<u>Cat No</u>	<u>Size</u>	<u>Price</u>
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

<u>Right Hand</u>	<u>Left Hand</u>	<u>Spiral roughing</u>	
<u>Cat No</u>	<u>Cat No</u>	<u>Size</u>	<u>Price</u>
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

Solid Carbide Thru Drill

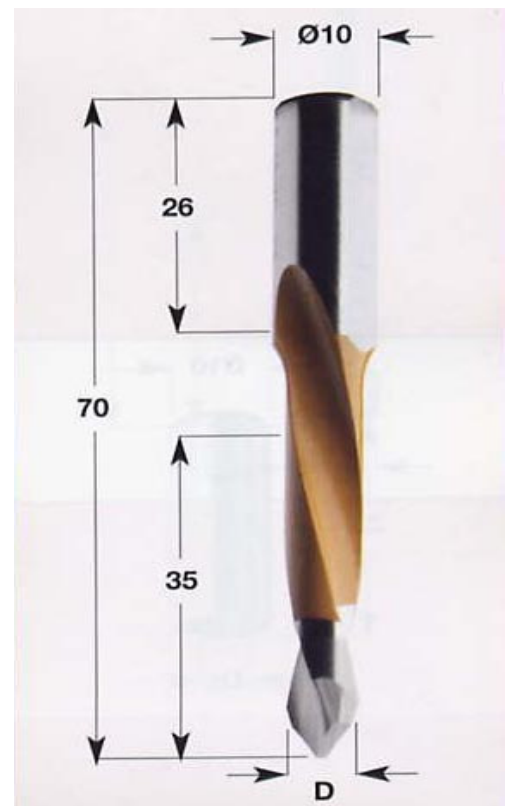


TCT Bore Thru Drill Bits WP-01

<u>Right Hand</u>	<u>Left Hand</u>	<u>Size</u>	<u>Price</u>
<u>Cat No</u>	<u>Cat No</u>		
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

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



TCT Thru Drill

THIN PLANING AND CUTTER BLOCK KNIVES (PLAIN)

Length	20 x 2.5 HSS	20 x 3 HSS	25 x 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 & CUTTER BLOCK KNIVES (SLOTTED)

<u>Machine</u>	<u>Size</u>	<u>Price HSS</u>	<u>Price TCT</u>	<u>Machine</u>	<u>Size</u>	<u>Price HSS</u>	<u>Price TCT</u>
Adler	56 x 34 x 3	13.49	20.10	Makita	82 x 29 x 3	21.55	31.44
Black & Decker	82 x 29 x 3	21.55	31.44		110 x 29 x 3	23.38	54.45
Bosch	75 x 18 x 3	11.23	20.10		155 x 32 x 3	29.08	79.23
Cooksley	9 ¹ / ₂ x 1 ¹ / ₄ x 1/8	26.66	73.75	Metobo	75 x 18 x 3	11.23	20.10
	12 ¹ / ₄ x 1 ¹ / ₄ x 1/8	33.06	94.28	Morten	330 x 20 x 3	POA	POA
	17 ¹ / ₂ x 1 ¹ / ₄ x 1/8	56.06	130.13	Multico	6 ¹ / ₂ x 15/16 x 1/8	21.98	48.59
	19 ¹ / ₂ x 1 ¹ / ₄ x 1/8	50.42	145.02		9 ¹ / ₄ x 31/32 x 1/8	30.37	72.67
Dewalt DW150	260 x 21 x 3	25.48	79.77	Robland	12 ¹ / ₈ x 15/16 x 1/8	30.53	93.26
Dewalt DW50	260 x 25 x 3	25.48	79.77		210 x 25 x 3	18.97	65.63
Electra	260 x 20 x 3	25.69	76.06		260 x 25 x 3	21.93	90.30
	263 x 25 x 3	27.52	80.57	Rockwell	312 x 25 x 3	31.77	94.28
Gulliet	136 x 25 x 3	11.66	38.27	Scheppach	150 x 19 x 3	19.08	42.09
	186 x 25 x 3	15.96	52.35	Schleicher	260 x 18 x 3	25.16	74.82
	231 x 25 x 3	19.83	65.04	Sedgewick	260 x 18 x 3	25.16	74.82
Haffner	75 x 18 x 3	11.23	20.10		10 ¹ / ₄ x 1 x 1/8	21.55	74.82
Hitachi	82 x 28 x 3	15.48	31.12		12 ¹ / ₄ x 1 x 1/8	24.62	88.96
	210 x 20 x 2.5	23.49	58.91	Skill	16 ¹ / ₄ x 1 x 1/8	32.63	116.32
Holz-Her	75 x 18 x 3	11.23	20.10	Startrite	82 x 29 x 3	15.37	25.05
	100 x 35 x 3	18.17	POA		312 x 25 x 3	31.77	94.28
Inca	220 x 25 x 2.5	22.15	76.33	Susemihi	200 x 20 x 2.5	27.90	79.77
	262 x 25 x 2.5	29.56	80.57	Wadkin	9 ¹ / ₄ x 1 ⁹ / ₁₆ x 1/8	27.47	72.72
	262 x 25 x 3	27.52	80.57		12 ¹ / ₄ x 1 ⁹ / ₁₆ x 1/8	34.78	94.28
Kitty	150 x 20 x 2.5	17.47	42.09		16 ¹ / ₄ x 1 ⁹ / ₁₆ x 1/8	44.72	121.85
	200 x 20 x 2.5	23.11	56.12		17 ¹ / ₄ x 1 ⁹ / ₁₆ x 1/8	46.87	129.00
	260 x 20 x 2.5	27.90	79.77		18 ¹ / ₄ x 1 ⁹ / ₁₆ x 1/8	49.02	136.85
Lower	410 x 35 x 3	27.95	104.65		22 ¹ / ₈ x 1 ⁹ / ₁₆ x 1/8	59.77	163.40
Luna	250 x 25 x 3	27.09	74.77		26 ¹ / ₈ x 1 ⁹ / ₁₆ x 1/8	68.42	192.96
	310 x 30 x 3	19.46	79.01	For sizes not shown please take the price of the next longer size shown.			
	410 x 30 x 3	26.02	104.65	All knives shown are slotted for plain knives see previous page. 25mm wide knives are priced the same as 30mm..			
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				

Special Cutter Head Disposable Planing Knives

<u>Tersa Knives</u>			Genuine Swiss HSS	<u>Brück & Barke Knives</u>		
<u>Length</u>	<u>HSS</u>	<u>M42</u>		<u>Length</u>	<u>HSS</u>	<u>M42</u>
110 mm	3.74	4.24	5.50	110 mm	5.67	12.21
115 mm	3.91	4.43	5.75	120 mm	6.41	13.19
120 mm	4.08	4.62	6.00	130 mm	6.86	14.05
130 mm	4.42	5.01	6.50	150 mm	8.65	15.88
135 mm	4.59	5.20	6.75	160 mm	8.95	16.49
150 mm	5.10	5.78	7.50	180 mm	9.25	17.83
160 mm	5.44	6.16	8.00	190 mm	9.41	19.18
180 mm	6.12	6.93	9.00	230 mm	11.19	21.74
185 mm	6.29	7.12	9.25	240 mm	11.79	22.47
230 mm	7.82	8.86	11.50	250 mm	12.24	23.33
235 mm	7.99	9.05	11.75	260 mm	12.53	23.82
240 mm	8.16	9.24	12.00	300 mm	13.88	25.53
270 mm	9.18	10.40	13.50	310 mm	14.02	26.09
300 mm	10.20	11.55	15.00	320 mm	14.62	26.63
310 mm	10.54	11.94	15.50	350 mm	15.22	27.85
320 mm	10.88	12.32	16.00	410 mm	17.60	30.90
350 mm	11.90	13.48	17.50	450 mm	18.93	31.76
410 mm	13.94	15.79	20.50	500 mm	19.25	35.18
430 mm	14.62	16.56	21.50	510 mm	19.69	35.54
500 mm	17.00	19.25	25.00	520 mm	20.14	36.77
510 mm	17.34	19.64	25.50	630 mm	24.03	43.85
520 mm	17.68	20.02	26.00			
630 mm	21.42	24.26	31.50			
635 mm	21.59	24.45	31.75			
640 mm	21.76	24.64	32.00			

Other sizes are Available

Prices on Application.

Free 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	2.61
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 hole	7.48
50.0 x 12 x 1.7	4 edges 2 pin hole	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 with radius edge	4.51

Trianglular Spurs

22 x 22 x 2.5	3 edges	3.95
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Spurs

14 x 14 x 1.2	4 edges	2.38
14 x 14 x 2.0	4 edges	2.38
14 x 14 x 2.0	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
49.5x12x1.5	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
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FKB-R - Chamfer Knife

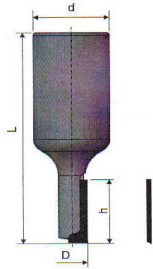
16 x 22 x 5	R = 1.0mm	18.17
16 x 22 x 5	R = 1.5mm	18.17
16 x 22 x 5	R = 2.0mm	18.17
16 x 22 x 5	R = 2.5mm	18.17
16 x 22 x 5	R = 3.0mm	18.17





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

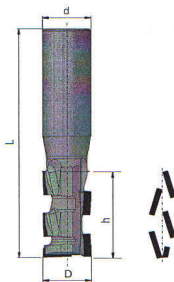
PCD ROUTERS

TJD-01 Single Flute PCD Router




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	
TJD01.8350HM	10	22	25	81	2	R/H	278.59
TJD01.028G	10	20	25	66	1	R/H	
TJD01.028GL	10	20	25	66	1	L/H	
TJD01.029G	10	25	25	71	1	R/H	126.42
TJD01.029GL	10	25	25	71	1	L/H	

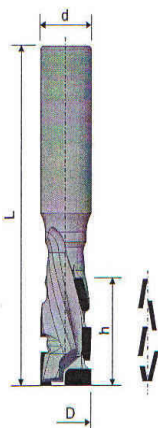
TJD-04 1+1 PCD Router



These cutters can
be sharpened approx
3 times.

Catalogue No	D=mm	h=mm	d=mm	L=mm	Z=Dia	Rotation	Price
TJD04.12F	12	25	12	86	1+1	L&RH	
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	

TJD-07 1+1 PCD Router

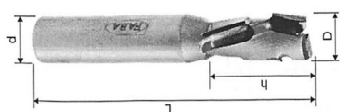


These cutters can
be sharpened approx
3 times.

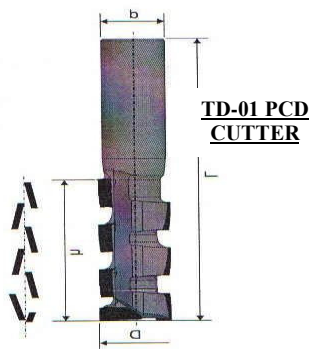
Catalogue No	D=mm	h=mm	d=mm	L=mm	Z=Dia	Rotation	Price
TJD07.0460	10	25	12	78	1+1	L&RH	94.25
TJD07.0040	12	25	12	78	1+1	L&RH	89.98
TJD07.0050	12	35	12	88	1+1	L&RH	111.46
TJD07.0021	16	25	16	81	1+1	L&RH	89.98
TJD07.0020	16	25	25	91	1+1	L&RH	89.98
TJD07.0030	16	35	16	91	1+1	L&RH	111.46
TJD07.0034	16	35	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

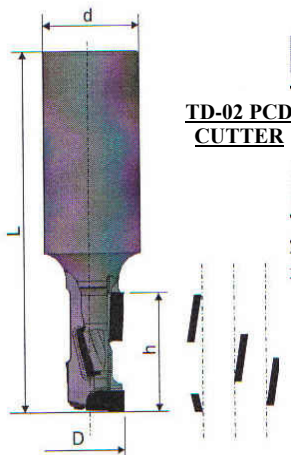


Catalogue No.	D=mm	h=mm	d=mm	L=mm	Z=Dia	Rotation	Price
TJD008.1240	12	24	12	78	1+1	L&R/H	54.05
TJD008.0022	16	25	16	81	1+1	L&R/H	56.19
TJD008.0051	12	35	12	88	1+1	L&R/H	76.54
TJD008.0032	16	35	16	91	1+1	L&R/H	76.54



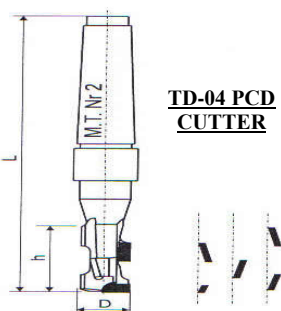
TD-01 PCD CUTTER

Catalogue No.	D=mm	h=mm	d=mm	L=mm	Z=Dia	Rotation	Price
TD01.100C	18	52	20	108	1+1	L&R/H	265.76
TD01.101	20	52	20	108	1+1	L&R/H	265.76
TD01.102	25	52	25	110	1+1	L&R/H	265.76




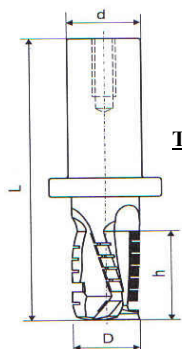
TD-02 PCD CUTTER

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	
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	
TDT01.018C	18	40	25	122	3+3	L&R/H	
TDT01.02025	25	52	25	122	3+3	L&R/H	

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

PCD ROUTERS

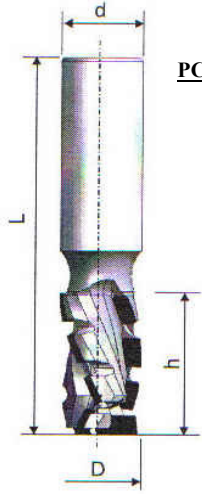
Catalogue No.	D=mm	h=mm	d=mm	L=mm	Z=Dia	Rotation	Price
TDT04.601	18	40	20	103	3+3	L&R/H	443.79
TDT-04 PCD TURBO							
TDT04.602	20	40	20	103	3+3	L&R/H	496.71
TDT04.603	20	50	20	113	3+3	L&R/H	537.43
TDT04.605	25	40	25	103	3+3	L&R/H	635.14
TDJ04.702	25	50	25	113	3+3	L&R/H	637.18

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

Catalogue No.	D=mm	h=mm	d=mm	L=mm	Z=Dia	Rotation	Price
TDT-07 PCD TURBO							
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

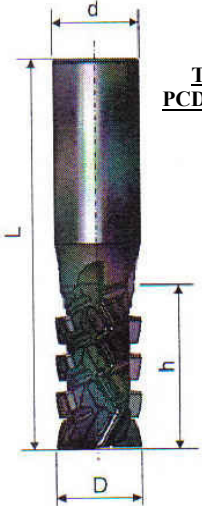
For left hand cutters please add a L to the catalogue number

PCD ROUTERS



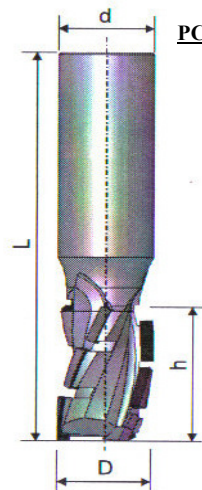
TDT-09
PCD TURBO

Catalogue Number	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 Number	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 Number	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

SEGMENTAL SAW BLADES

<u>Diameter</u>	<u>Resharp</u>	<u>Recut</u>	<u>Recut & Trepan</u>	<u>Variable Pitch</u>	<u>Nominal Inches</u>	<u>Diameter mm</u>	<u>Smith & Sharpen</u>	<u>Spare Segments</u>
100mm	4.50	7.44	12.54	+15%	10	250	19.44	25.42
125mm	5.44	8.97	13.86	+15%	11	275	21.52	28.53
150mm	6.59	10.79	15.82	+15%	12.5	315	21.52	28.53
175mm	7.25	11.80	16.94	+15%	14	360	24.57	31.11
200mm	8.60	13.45	18.71	+15%	15	385	26.09	33.31
225mm	9.75	15.48	20.91	+15%	16	400	27.60	33.80
250mm	10.65	18.75	22.22	+15%	17	425	30.40	34.27
275mm	11.79	19.08	24.42	+15%	18	460	30.67	35.32
300mm	12.48	19.53	26.19	+15%	20	500	32.39	36.58
315mm	13.59	22.18	27.26	+15%	22	550	35.60	41.40
325mm	13.82	22.61	27.94	+15%	24	610	35.60	41.40
350mm	14.50	23.63	29.65	+15%	26	650	43.83	41.83
370mm	15.39	24.62	30.78	+15%	28	710	43.83	41.83
400mm	17.00	26.27	32.55	+15%	30	760	45.82	47.52
425mm	18.40	28.97	39.69	+15%	32	810	50.30	50.27
					34	850	55.41	50.39
					36	918	55.41	50.39
					38	967	58.17	51.70
					40	1018	61.89	57.57
					44	1118	66.66	69.51
					48	1220	74.22	71.33
					54	1376	112.80	97.78

Plate Saws sharpened and Set from: 74 pence per inch

FRICITION SAWS

<u>Size</u>	<u>Resharp</u>	<u>Recut</u>	<u>Recut & Trepan</u>
16"	12.85	22.76	36.93
17"	13.73	26.37	39.40
18"	14.42	27.71	41.35
19"	15.10	29.68	45.09
20"	15.97	31.01	46.62
21"	16.91	32.55	48.80
22"	17.31	34.09	51.01



Vollmer System Loroch KSC710 CNC with robotic loader

TUNGSTEN CARBIDE TIPPED SAW BLADES SHARPENED

NEW TIPS

<u>Number of Teeth</u>	<u>ATB</u>	<u>Triple Chip</u>		
			One tip only (Each)	4.90
40	9.12	10.63	2 Tips (Each)	4.18
42	9.57	10.84	3 to 9 tips (Each)	3.18
44	10.03	10.84	10 tips & More	2.45
48	10.94	12.30	New Shoulder	11.64
54	12.31	13.84	Re-tensioned per 1" Dia.	0.79
56	12.75	14.34	Centre hole re-bored	8.33
60	13.66	15.36	Pin Hole Drilled	7.63
64	14.57	16.39	New centre bush	6.55
66	15.02	16.91		
70	15.95	17.93		
72	16.39	18.45		
76	17.31	19.47		
80	18.22	20.49		
84	19.12	21.52		
88	20.04	22.55		
90	20.49	23.06		
94	21.41	24.09		
96	21.86	24.59		
100	22.77	25.61		
102	23.22	26.14		
104	23.68	26.65		
106	24.13	27.17		
108	24.59	27.68		
110	25.04	28.18		
112	25.49	28.70		
114	25.96	29.20		
116	26.43	29.72		
118	26.88	30.23		
120	27.34	30.74		
128	29.16	32.80		
130	29.61	33.30		
140	31.89	35.86		
160	37.41	41.01		

ROUTER CUTTERS SHARPENED

	<u>HSS</u>	<u>TCT</u>
Up to 3/4"	4.03	5.40
Over 3/4"	5.20	7.40
Profile Router (shaped)	12.31	18.63
Single Flute	3.44	4.21
Spoon Cutters	4.36	5.20
Hinge Sink Cutters	10.30	10.63
Lip & Spur Drills	6.37	6.45
Through Hole Drills	5.85	6.02
Up or Down Tungsten Spiral		26.78
Up & Down Tungsten Spiral		35.01



Vollmer CHD from front cover

HOLE SAWS SHARPENED

Up to 1"	4.75
Up to 2"	6.64
Up to 3"	8.44
Up to 4"	13.22
Up to 5"	14.95
Up to 6"	16.91

HANDSAWS SHARPENED

Resharp & Set	8.68
Recut, Sharp, Set	12.75
TCT Masonry	19.62
New Tip	8.56

CORE DRILLS SHARPENED

Core Drill Up to 6 Tips	7.68
New Tip for Core Drill	8.54
Centre Drill - Re-sharpened	2.13
Dado Set- Sharpened & Set	33.57

STRAIGHT GROOVERS SHARPENED

Width	<u>Number of Wings / Teeth</u>					
	2	4	6	8	10	12
Up to 1"	3.43	6.88	10.28	13.70	17.12	20.55
Over 1"	5.12	4.92	15.43	20.55	25.67	30.84

CUTTER BLOCKS SHARPENED

	<u>Number of Wings / Teeth</u>					
	2	4	6	8	12	24
TCT 1"	8.59	10.36	15.53	20.67	31.06	62.13
HSS 1"	7.61	9.14	13.70	16.50	27.40	54.82
TCT 2"	11.12	13.39	20.11	61.64	40.20	80.40
HSS 2"	9.62	11.59	17.36	23.38	34.73	69.45
New Tip	9.82					

PLANER BLADES SHARPENED

Size	TCT	HSS
75mm	5.07	3.65
150mm	5.63	4.05
300mm	8.13	4.85
450mm	10.84	5.39
600mm	14.65	7.04
750mm	15.76	9.75
800mm	18.02	10.71

BANDSAW BLADES SHARPENED

Narrow Up to 10' Resharp	6.67
Narrow Up to 10' Resharp & Set	9.67
Narrow 10'-12' Resharp	8.33
Narrow 10'-12' Resharp & Set	12.08
Narrow 12'-15' Resharp	10.48
Narrow 12'-15' Resharp & Set	15.18
Narrow 15'-18' Resharp	12.50
Narrow 15'-18' Resharp & Set	17.65
Narrow 18'-21 Resharp	14.64

RESAWS SHARPENED

Size	Stellite	Swage
Up to 20'-00"	12.02	17.15
20'-1" to 23'-11"	15.47	22.09
24'-00" to 29'-6"	18.38	26.27
29'-7" to 32'-00"	27.97	39.96
Crack Welded	9.16	9.16

MISCELLANEOUS SHARPENED

Chain Saw	11.88	
Mortice Chain	12.46	
Mortice Chisel	4.38	
Mortice Bit (Auger)	4.38	
Mortice Chisel & Auger	8.32	
Profile Cutters	From	12.47
Scissors	4.69	
Secateurs	7.84	
Shears	6.96	
Shears Long Handle	9.89	
TCT Stump Bits	2.86	

ENDMILLS
(STANDARD HSS)

<u>Size</u>	<u>Resharp</u>	<u>Long Series</u>	<u>6 Flute</u>	<u>6 Flute L/S</u>	<u>8 Flute</u>	<u>8 Flute L/S</u>
1/2"	6.26	8.22				
3/4"	7.12	9.13				
1"	8.31	10.30	9.28	11.25	10.26	13.57
1 1/4"	9.87	11.83	10.84	12.81	11.88	15.21
1 1/2"	10.44	12.44	12.44	14.44	13.57	16.92
1 3/4"	11.76	13.74	13.90	15.89	15.14	18.56
2"	12.73	14.71	15.56	17.54	17.02	20.21

SLOT DRILLS
(STANDARD HSS)

<u>Size</u>	<u>Resharp</u>	<u>Long Series</u>
1/2"	5.85	7.84
3/4"	6.91	8.89
1"	7.89	9.90
1 1/4"	9.46	11.43
1 1/2"	10.04	12.08
1 3/4"	11.39	13.35
2"	12.33	14.33

SIDE & FACE CUTTERS
(STANDARD HSS)

Up to 4 " dia.	18.33	14.65
5" and 6" dia.	20.68	17.54
7" and 8" dia.	22.83	20.68
9" and 10" dia.	25.49	22.30

DEDLOCK & SHELLMILLS
(STANDARD HSS)

<u>Size</u>	<u>Size</u>		
1 1/2"	11.77	2 3/4"	16.70
1 3/4"	12.73	3"	17.17
2"	12.97	4"	20.79
2 1/4"	14.32	5"	25.68
2 1/2"	15.25	6"	30.12

RIPPA CUTTERS
(STANDARD HSS)

1/2"	14.94
3/4"	17.67
1"	19.45
1 1/4"	21.63
1 1/2"	23.92
1 3/4"	26.56
2"	27.86

ANNULAR HOLE CUTTERS
FOR ROTABROACH, JANCY ETC.

Up to 16mm	6.32
17mm - 26mm	7.58
27mm - 55mm	10.15
Countersink up to 20mm dia.	15.22
Countersink over 20mm dia.	7.48

N.B These prices are for standard cutters. Extra work will be charged for at £59.10 per hour.

Guillotine Blades, Paper Knives, Veneer Knives & Shear Blades from £4.04 per foot per side.

Account Application Form

Business Name & Address

Trading Name & Address (if Different)

E-Mail Address

Co Reg Number

Phone Number

Date of Incorporation

Accounts Payable Contact

Telephone Number

Fax Number

E-mail Address

Buying department Contact

Telephone Number

Fax Number

Email Address

Full names of Directors/Owners

Please state Private address of Owner (Non Limited Company Only)

1/WE Accept your terms & conditions as set out in your price list and agree to pay in accordance for any goods and services supplied by you. All accounts are 30days EOM.

Name

Signature

Position

Date

Please complete and return to :

For LCT Use Only

Littlehampton Cutting Tools Ltd
Unit 12 Thorgate Road Lineside
Industrial Estate Littlehampton
West Sussex BN17 7LU

Credit Safe Score

Credit Safe Limit

LCT Credit Limit

Or email to info@lct-saws.co.uk

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 ten 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 instalment 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.

10. 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.

11. 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.

12. 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.

13. SUB-CONTRACTS

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

14. ASSIGNMENT

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

15. 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

16. 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.