

Cylinder saw, HSS bimetal Longlife & Speed HSCo8

Steel/stainless steel. Extremely fast drilling speed and long service life, even in solid stainless steel materials

Extremely fast sawing progress with minimal effort

Newly-developed tooth shape

High concentricity and side stroke accuracy

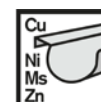
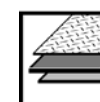
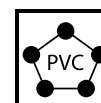
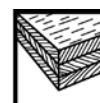
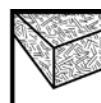
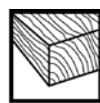
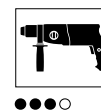
Robust base plate with more threads

Very quiet and low-vibration operation to a cutting depth of 38 mm

Combi vario toothing made from M42 bi-metal (8% cobalt)



Cutting depth	38 mm
Drive type	Outer hexagon
Suitable for cordless drills	●●●○
Suitable for drill	●●●○
Suitable for upright drilling machine	●●●●
Versatility	●●●●
Drilling speed (point system)	●●●●
Bore hole quality (point system)	●●○○



Diameter (Ø)	Recommended rotation speed in soft steel	Recommended rotation speed in tool steel and stainless steel	Recommended rotation speed in cast iron	Recommended rotation speed in brass	Recommended rotation speed in aluminium	Art. no.	P. Qty.
14 mm	580 rpm	300 rpm	400 rpm	790 rpm	900 rpm	0632 900 014	1
16 mm	550 rpm	275 rpm	365 rpm	730 rpm	825 rpm	0632 900 016	1
17 mm	500 rpm	250 rpm	330 rpm	665 rpm	750 rpm	0632 900 017	1
19 mm	460 rpm	230 rpm	300 rpm	600 rpm	690 rpm	0632 900 019	1
20 mm	445 rpm	220 rpm	290 rpm	580 rpm	660 rpm	0632 900 020	1
21 mm	425 rpm	210 rpm	280 rpm	560 rpm	630 rpm	0632 900 021	1
22 mm	390 rpm	195 rpm	260 rpm	520 rpm	585 rpm	0632 900 022	1
24 mm	370 rpm	185 rpm	245 rpm	495 rpm	555 rpm	0632 900 024	1
25 mm	350 rpm	175 rpm	235 rpm	470 rpm	525 rpm	0632 900 025	1
27 mm	325 rpm	160 rpm	215 rpm	435 rpm	480 rpm	0632 900 027	1
29 mm	300 rpm	150 rpm	200 rpm	400 rpm	450 rpm	0632 900 029	1
30 mm	285 rpm	145 rpm	190 rpm	380 rpm	425 rpm	0632 900 030	1
32 mm	275 rpm	140 rpm	180 rpm	360 rpm	410 rpm	0632 900 032	1
33 mm	260 rpm	135 rpm	175 rpm	345 rpm	390 rpm	0632 900 033	1
35 mm	250 rpm	125 rpm	165 rpm	330 rpm	375 rpm	0632 900 035	1
37 mm	240 rpm	120 rpm	160 rpm	315 rpm	360 rpm	0632 900 037	1
38 mm	230 rpm	115 rpm	150 rpm	300 rpm	345 rpm	0632 900 038	1

Diameter (Ø)	Recommended rotation speed in soft steel	Recommended rotation speed in tool steel and stainless steel	Recommended rotation speed in cast iron	Recommended rotation speed in brass	Recommended rotation speed in aluminium	Art. no.	P. Qty.
40 mm	220 rpm	110 rpm	145 rpm	290 rpm	330 rpm	0632 900 040	1
41 mm	210 rpm	105 rpm	140 rpm	280 rpm	315 rpm	0632 900 041	1
43 mm	205 rpm	100 rpm	135 rpm	270 rpm	305 rpm	0632 900 043	1
44 mm	195 rpm	95 rpm	130 rpm	260 rpm	295 rpm	0632 900 044	1
46 mm	190 rpm	95 rpm	125 rpm	250 rpm	285 rpm	0632 900 046	1
48 mm	180 rpm	90 rpm	120 rpm	240 rpm	270 rpm	0632 900 048	1
51 mm	170 rpm	85 rpm	115 rpm	230 rpm	255 rpm	0632 900 051	1
52 mm	165 rpm	80 rpm	110 rpm	220 rpm	245 rpm	0632 900 052	1
54 mm	160 rpm	80 rpm	105 rpm	210 rpm	240 rpm	0632 900 054	1
57 mm	150 rpm	75 rpm	100 rpm	200 rpm	225 rpm	0632 900 057	1
59 mm	145 rpm	75 rpm	100 rpm	195 rpm	225 rpm	0632 900 059	1
60 mm	140 rpm	75 rpm	95 rpm	190 rpm	220 rpm	0632 900 060	1
64 mm	135 rpm	65 rpm	90 rpm	180 rpm	205 rpm	0632 900 064	1
65 mm	130 rpm	65 rpm	85 rpm	170 rpm	195 rpm	0632 900 065	1
67 mm	130 rpm	65 rpm	85 rpm	170 rpm	195 rpm	0632 900 067	1
68 mm	130 rpm	65 rpm	85 rpm	165 rpm	190 rpm	0632 900 068	1
70 mm	125 rpm	60 rpm	80 rpm	160 rpm	185 rpm	0632 900 070	1
73 mm	120 rpm	60 rpm	80 rpm	160 rpm	180 rpm	0632 900 073	1
76 mm	115 rpm	55 rpm	75 rpm	150 rpm	170 rpm	0632 900 076	1
79 mm	110 rpm	55 rpm	70 rpm	140 rpm	165 rpm	0632 900 079	1
83 mm	105 rpm	50 rpm	70 rpm	140 rpm	155 rpm	0632 900 083	1
86 mm	100 rpm	50 rpm	65 rpm	130 rpm	150 rpm	0632 900 086	1
89 mm	95 rpm	45 rpm	65 rpm	130 rpm	145 rpm	0632 900 089	1
92 mm	95 rpm	45 rpm	60 rpm	120 rpm	140 rpm	0632 900 092	1
95 mm	90 rpm	90 rpm	60 rpm	120 rpm	135 rpm	0632 900 095	1
98 mm	90 rpm	45 rpm	60 rpm	120 rpm	135 rpm	0632 900 098	1
102 mm	85 rpm	40 rpm	55 rpm	110 rpm	130 rpm	0632 900 102	1
105 mm	80 rpm	40 rpm	55 rpm	110 rpm	120 rpm	0632 900 105	1
108 mm	80 rpm	40 rpm	55 rpm	110 rpm	120 rpm	0632 900 108	1
111 mm	80 rpm	40 rpm	50 rpm	100 rpm	120 rpm	0632 900 111	1
114 mm	75 rpm	35 rpm	50 rpm	100 rpm	105 rpm	0632 900 114	1
121 mm	70 rpm	35 rpm	45 rpm	90 rpm	95 rpm	0632 900 121	1
127 mm	65 rpm	30 rpm	40 rpm	85 rpm	90 rpm	0632 900 127	1
140 mm	60 rpm	30 rpm	35 rpm	80 rpm	85 rpm	0632 900 140	1
152 mm	55 rpm	25 rpm	35 rpm	75 rpm	85 rpm	0632 900 152	1
200 mm	45 rpm	20 rpm	30 rpm	60 rpm	65 rpm	0632 900 200	1

Details/Application

Suitable for steel, stainless steel, cast metal, copper, bronze, aluminium and wood, limited suitability for plastic.

Instructions

Start drilling with low drilling force. Continue drilling with reduced, even pressure, avoid oscillating movements when drilling, always observe speed table, use coolant. Ventilate hole saw when using on wood and wood replacement materials.

Notice

- Always keep to the speed values. Excessive rotation speeds will blunt the teeth and thus make the cylinder saw unusable.
- For regular use on steel and stainless steel, we recommend our HW-equipped hole saws.

- Not suitable for thin sheet metal.

Related products		Art. no.
Cylinder saw adapter A2 With ejection function Suitable for hole-saw diameter 32 - 152 mm		0632 02 3
Quick-change mount for bi-metal cylinder saws Suitable for hole-saw diameter 14 - 152 mm		0632 900 000
Adapter A2 for bi-metal cylinder saws		0632 900 002
Adapter A4 for bi-metal cylinder saws		0632 900 004
Combination adapter A4/A2 for cylinder saw		0632 900 003
Cordless drill driver ABS 18 COMPACT M-CUBE		5701 800 0
Safety goggles CEPHEUS®		0899 102 250