



MIRROWORX®

Size M - diam. 42 - 100 mm

Milling instead of grinding is our slogan for these finishing milling cutters. Developed for producing smooth and levelled surfaces with enormous feed rates. These tools enter into grinding domains.

Milling cutter bodies

Catalogue no.											Accessories	Features
	d_1	l	r	l_3	l_2	l_1	d_2	d_3	z			

Shell-type milling cutter bodies

Diagram	Catalogue no.	d_1	l	r	l_3	l_2	l_1	d_2	d_3	z	Accessories	Features
	2 42 384	42	14.32		43	1	-	diam. 16	35	2	A,B,C,D,E,F,G,H	✓ ■ ■ ■
	2 52 384	52	14.32		43	1	-	diam. 22	48	2	A,B,D,E,F,G,H	✓ ■ ■ ■
	2 66 384	66	14.32		53	1	-	diam. 27	60	2	A,B,D,E,F,G,H	✓ ■ ■ ■
	2 80 384	80	14.32		53	1	-	diam. 27	60	2	A,B,D,E,F,G,H	✓ ■ ■ ■
	2 100 384	100	14.32		53	1	-	diam. 32	70	2	A,B,D,E,F,G,H	✓

Accessories

<p>35 500 L Torx screw A > Page 195</p>	<p>45 500 L Torx screw B > Page 195</p>	<p>GWSTPS8ISK hexagon socket set screw C > Page 196</p>	<p>POKOLM 15 500 Torx-screwdriver D > Page 196</p>	<p>POKOLM 20 500 Torx-screwdriver E > Page 196</p>	<p>TV 2-8, Screwdriver torque Vario@-S with window scale. F > Page 197</p>
<p>T15 500 Torx interchangeable bit for Torque Vario@ G > Page 197</p>	<p>T15 502 Torx MagicSpring compatible bit f. Torque Vario@, H > Page 198</p>				

Indexable inserts

Diagram	Catalogue no.	DIN Specification	Carbide Grade	Coating				
					l	s	r	M
	04 84 835	TEHX 16T3 ZF	HSC 05	PVTi	14.32	4	-	M 3.5

Feed per tooth (fz) | d.o.c. (ap)

Material	Quality Coating	Feed per tooth d.o.c.							
			steel	stainless steel	cast iron	non-ferrous materials	high-temperature alloys	hardened steel	
	HSC 05 PVTi	f_z (mm) a_p (mm)	0,5-2 0,05-0,2	0,5-1 0,05-0,1	0,5-2 0,05-0,2	0,5-2 0,05-0,25	0,2-1 0,05-0,1	0,2-1 0,05-0,1	

Cutting speed (Vc in m/min)

Material		steel			stainless steel			cast iron			non-ferrous materials			high-temperature alloys			hardened steel		
Quality Coating	Application																		
HSC 05 PVTi	roughing	-			-			-			-			-			-		
	pre finishing	-			-			-			-			-			-		
	finishing	▽ 150	▽ 275	▽ 400	▽ 100	▽ 150	▽ 200	▽ 200	▽ 275	▽ 350	▽ 100	▽ 450	▽ 800	▽ 40	▽ 70	▽ 100	▽ 35	▽ 143	▽ 250

▽ major application ▽ minor application

▽ ▽ roughing

▽ ▽ pre-finishing

▽ ▽ finishing