

XDHW | XDHT 06

diam. 16 - 35 mm | r2



Universal milling cutters for finishing and profile milling with small radii.

- particularly smooth operating in corners and pockets
- low energy consumption

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

DuoPlug®												Accessories	Features
	16 282 SG	16	6.5	2	31	1.3	-	M 10	15	2	A, B, C, D, E		
	20 282 SG	20	6.5	2	31.5	1.3	-	M 12	18.5	3	A, B, C, D, E	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
	25 282 SG	25	6.5	2	37.5	1.3	-	M 16	23.5	4	A, B, C, D, E	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	

Threaded shank end mill bodies												Accessories	Features
	16 282	16	6.5	2	28.5	1.3	-	M 8	13.8	2	A, B, C, D, E		
	20 282	20	6.5	2	28.5	1.3	-	M 10	18	3	A, B, C, D, E	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
	25 282	25	6.5	2	32.5	1.3	-	M 12	21	4	A, B, C, D, E	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
	30 282	30	6.5	2	32.5	1.3	-	M 12	21	5	A, B, C, D, E	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
	35 282	35	6.5	2	42.5	1.3	-	M 16	29	6	A, B, C, D, E	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	

Accessories					
<p>25 500 Torx screw A > Page 195</p>	<p>07 500 Torx-screwdriver B > Page 196</p>	<p>TV 04-1 Screwdriver torque Vario®-S with window scale, C > Page 197</p>	<p>T7 500 Torx interchangeable bit for Torque Vario® D > Page 197</p>	<p>T7 502 Torx MagicSpring compatible bit f. Torque Vario® E > Page 198</p>	

Indexable inserts	Catalogue no.	DIN Specification	Carbide Grade	Coating				
					l	s	r	M
	02 79 835 R2	XDHW 060220 SN	HSC 05	PVTi	6.5	2.38	2	M 2.5

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

Material		steel	stainless steel	cast iron	non-ferrous materials	high-temperature alloys	hardened steel
Quality Coating	Feed per tooth d.o.c.						
HSC 05 PVTi	f _z (mm) a _p (mm)	0,1-0,2 0,1-0,55	0,1-0,2 0,1-0,25	0,1-0,3 0,1-1	-	-	0,1-0,2 0,1-0,55

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 ▽150 275 400	- ▽100 150 200	▽100 150 200 ▽150 225 300 ▽200 275 350	-	-	- ▽35 143 250 ▽35 143 250

Extended operation data

Plunging	
Cutter diam. d1	X _{max}
16-35	1.2

Ramping		
Cutter diam. d1	α°	y
16	<16,7	4
20	<8,5	8
25	<5,3	13
30	<3,8	18
35	<3,8	23

Helix		
Cutter diam. d1	D _{min}	D _{max}
16	28	32
20	36	40
25	46	50
30	56	60
35	66	70