VHM K05-K20	45°	HSC
New Al-X Coating	90°	
HRc 62		

End mills

For HSC of tool steels, hard cast materials, tempered and hardened steels 45 - 62 HRc

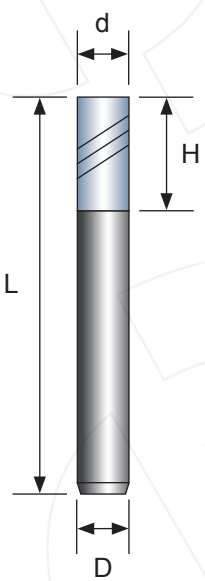
Schaftfräser

Für die HSC von Werkzeugstählen, harten Gusswerkstoffen, gehärtetem und vergütetem Stählen mit Härten von 45 - 62 HRc

Example: Order code HE 445 010-03004

			d-Code	d x H x D	L	HE 445 Z=4	
P	HRc < 24		010-03004	1.0 x 3.0 x C 4	50	●	
	HRc 24 - 35	○	015-04004	1.5 x 4.0 x C 4	50	●	
	HRc > 35	◎	020-06004	2.0 x 6.0 x C 4	50	●	
			025-07004	2.5 x 7.0 x C 4	50	●	
H	HRc 45 - 55	◎	030-08004	3.0 x 8.0 x C 4	50	●	
	HRc 56 - 60	◎	030-08006	3.0 x 8.0 x C 6	50	◇	
	HRc > 60	○	040-11004	4.0 x 11.0 x C 4	50	●	
M	Stainless steel	○	040-11006	4.0 x 11.0 x C 6	50	◇	
K	Cast iron	○	050-13006	5.0 x 13.0 x C 6	50	●	
N	Copper alloy		060-15006	6.0 x 15.0 x C 6	50	●	
S	Titanium alloy	○	080-20008	8.0 x 20.0 x C 8	60	●	
	High-temperature alloy		100-25010	10.0 x 25.0 x C10	75	●	
			120-30012	12.0 x 30.0 x C12	75	●	
			160-40016	16.0 x 40.0 x C16	100	◇	
			200-40020	20.0 x 40.0 x C20	100	◇	
			Long cut length / Lange schneidkantenlänge				
			060-24006	6.0 x 24.0 x C 6	75	●	
			080-32008	8.0 x 32.0 x C 8	75	●	
			100-40010	10.0 x 40.0 x C10	100	●	
			120-45010	12.0 x 45.0 x C12	100	●	

Cutting data, P40 - P41



Tolerance / Toleranz

Range	Diameter
1 ≤ d < 8	0 / -0.02
8 ≤ d < 18	0 / -0.03

Hard-cut