VHM K05-K20	35°	HSC
New Al-X Coating	90°	
HRc 62		

End mills, long shank

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

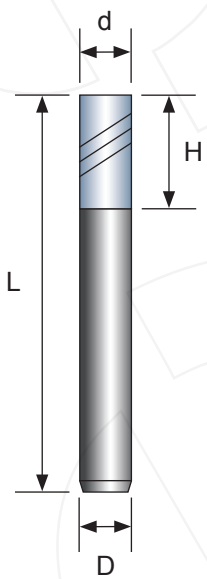
Schaftfräser, langer schaft

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

Example: Order code HELS 435 020-05104

			d-Code	d x L x D	H	HELS 435 Z=4	
P	HRc < 24		020-05104	2.0 x L 75 x C 4	5.0	◇	
	HRc 24 - 35	○	030-08104	3.0 x L 75 x C 4	8.0	◇	
	HRc > 35	◎	040-11104	4.0 x L 75 x C 4	11.0	●	
H	HRc 45 - 55	◎	060-15106	6.0 x L 75 x C 6	15.0	●	
	HRc 56 - 60	◎	060-15306	6.0 x L100 x C 6	15.0	●	
	HRc > 60	○	080-20108	8.0 x L 75 x C 8	20.0	◇	
M	Stainless steel		080-20308	8.0 x L100 x C 8	20.0	●	
K	Cast iron	○	100-25310	10.0 x L100 x C10	25.0	●	
N	Copper alloy		100-25510	10.0 x L150 x C10	25.0	◇	
S	Titanium alloy		120-30312	12.0 x L100 x C12	30.0	●	
	High-temperature alloy		120-30512	12.0 x L150 x C12	30.0	◇	

Cutting data, P40 - P41



Tolerance / Toleranz

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

● Stock item, subject to confirmation ◇ On request