

VHM K05-K20	 35°	HSC
AISI-X Coating		
HRc 68		

Ball nose end mills, long shank
For HSC of tempered and hardened steels 48 - 68 HRc

Kugelkopfräser, langer schaft
Für die HSC von gehärtetem und vergütetem Stählen mit Härten von 48 - 68 HRc

Example: Order code HBL5 235M 020-04104



d-Code	d x L x C	D	H	Symbol	Feature
020-04104	R1.0 x L 75 x C 4	4.0	4.0	◇	
020-04106	R1.0 x L 75 x C 6	4.0	4.0	●	
030-06106	R1.5 x L 75 x C 6	6.0	6.0	●	
040-08104	R2.0 x L 75 x C 4	8.0	8.0	●	
040-08106	R2.0 x L 75 x C 6	8.0	8.0	●	
050-10106	R2.5 x L 75 x C 6	10.0	10.0	◇	
060-12106	R3.0 x L 75 x C 6	12.0	12.0	●	
060-12306	R3.0 x L100 x C 6	12.0	12.0	●	
080-16308	R4.0 x L100 x C 8	16.0	16.0	●	
100-20310	R5.0 x L100 x C10	20.0	20.0	●	
120-24312	R6.0 x L100 x C12	24.0	24.0	◇	

P	HRc < 24	
	HRc 24 - 35	○
	HRc > 35	◎
H	HRc 45 - 55	◎
	HRc 56 - 60	◎
	HRc > 60	◎
M	Stainless steel	
K	Cast iron	
N	Copper alloy	
S	Titanium alloy	
	High-temperature alloy	

Cutting data, P23

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