

VHM K10-K30	35°	HSC
Al-X Coating		
HRC 60		

Ball nose end mills, long shank
For steels, stainless steels, titanium alloy, prehardened steels and hardened steels up to 60 HRC

Kugelkopfräser, langer schaft
Für Stählen, rostfreie Stählen, Titan, vergüteten Stählen und gehärteten Stählen bis 60 HRC



Example: Order code WBL S 235 010-02104

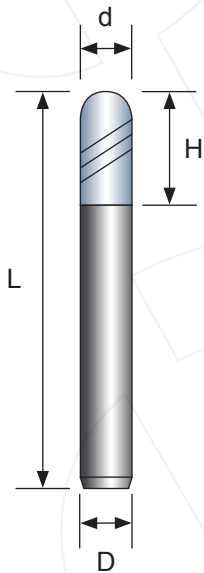
d-Code	d x L x D	H
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Wide-cut

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	○

010-02104	R0.5 x L 75 x C 4	2.0	◇	
015-03104	R0.75 x L 75 x C 4	3.0	◇	
020-04104	R1.0 x L 75 x C 4	4.0	●	
020-04106	R1.0 x L 75 x C 6	4.0	◇	◇
020-04306	R1.0 x L100 x C 6	4.0	◇	◇
030-06104	R1.5 x L 75 x C 4	6.0	◇	
030-06106	R1.5 x L 75 x C 6	6.0	◇	◇
030-06306	R1.5 x L100 x C 6	6.0	●	◇
040-08104	R2.0 x L 75 x C 4	8.0	●	
040-08106	R2.0 x L 75 x C 6	8.0	◇	◇
040-08306	R2.0 x L100 x C 6	8.0	●	◇
050-10106	R2.5 x L 75 x C 6	10.0	●	◇
050-10306	R2.5 x L100 x C 6	10.0	●	◇
060-12106	R3.0 x L 75 x C 6	12.0	●	●
060-12306	R3.0 x L100 x C 6	12.0	●	●
060-12506	R3.0 x L150 x C 6	12.0	●	●
080-16108	R4.0 x L 75 x C 8	16.0	●	
080-16308	R4.0 x L100 x C 8	16.0	●	●
080-16508	R4.0 x L150 x C 8	16.0	●	
100-20310	R5.0 x L100 x C10	20.0	●	●
100-20510	R5.0 x L150 x C10	20.0	●	
100-20710	R5.0 x L200 x C10	20.0	◇	
120-24312	R6.0 x L100 x C12	24.0	●	●
120-24512	R6.0 x L150 x C12	24.0	●	
120-24712	R6.0 x L200 x C12	24.0	◇	
160-30516	R8.0 x L150 x C16	30.0	◇	
160-30716	R8.0 x L200 x C16	30.0	◇	
200-30520	R10.0 x L150 x C20	30.0	◇	
200-30720	R10.0 x L200 x C20	30.0	◇	

Cutting data, P72 - P73



Tolerance / Toleranz

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