

VHM K05-K20	35°	HSC
AlTiN Coating		
HRc 65		

Ball nose end mills

For HSC of tool steels, hard cast materials, tempered and hardened steels 45 - 65 HRc

Kugelkopfräser

Für die HSC von Werkzeugstählen, harten Gusswerkstoffen, gehärtetem und vergütetem Stählen mit Härten von 45 - 65 HRc

Example: Order code HB 235 010-02003

d-Code	d x H x D	L
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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	

002-00404	R0.1 x 0.4 x C 4	50
003-00604	R0.15 x 0.6 x C 4	50
004-00804	R0.2 x 0.8 x C 4	50
005-01004	R0.25 x 1.0 x C 4	50
006-01204	R0.3 x 1.2 x C 4	50
008-01604	R0.4 x 1.6 x C 4	50

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010-02003	R0.5 x 2.0 x C 3	50
010-02004	R0.5 x 2.0 x C 4	50
010-02006	R0.5 x 2.0 x C 6	50

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015-03003	R0.75 x 3.0 x C 3	50
015-03004	R0.75 x 3.0 x C 4	50
015-03006	R0.75 x 3.0 x C 6	50

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020-04003	R1.0 x 4.0 x C 3	50
020-04004	R1.0 x 4.0 x C 4	50
020-04006	R1.0 x 4.0 x C 6	50

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025-05004	R1.25 x 5.0 x C 4	50
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030-06003	R1.5 x 6.0 x C 3	50
030-06004	R1.5 x 6.0 x C 4	50
030-06006	R1.5 x 6.0 x C 6	50

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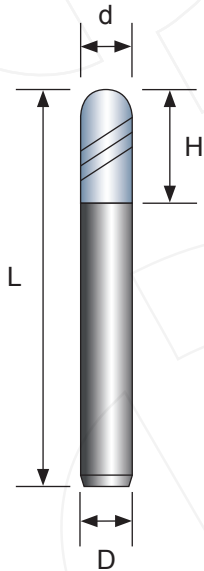
040-08004	R2.0 x 8.0 x C 4	50
040-08006	R2.0 x 8.0 x C 6	50

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050-10006	R2.5 x 10.0 x C 6	50
060-12006	R3.0 x 12.0 x C 6	50
080-16008	R4.0 x 16.0 x C 8	60
100-20010	R5.0 x 20.0 x C10	75
120-24012	R6.0 x 24.0 x C12	75
160-30016	R8.0 x 30.0 x C16	100

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●	●
●	●
●	●
●	●
◇	◇

Cutting data, P43 -P 44



Tolerance / Toleranz

Range	Diameter
d < 1	0 / -0.015
1 ≤ d < 8	0 / -0.02
8 ≤ d < 18	0 / -0.03