

VHM K05-K20	35°	HSC
<i>New</i> AlCrN Coating		
HRc 65		

**Ball nose end mills, long neck**  
For HSC of tool steels, hard cast materials, tempered and hardened steels 45 - 65 HRc

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

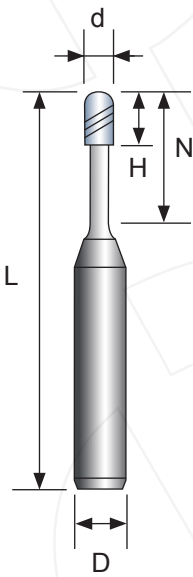
Example: Order code HBLN 235 004-02004

d-Code	d	x	N	x	D	H	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	○

<b>004-02004</b>	R0.2 x N 2 x C 4	0.4 50	●	
<b>004-03004</b>	R0.2 x N 3 x C 4	0.4 50	●	
<b>004-04004</b>	R0.2 x N 4 x C 4	0.4 50	◇	
<b>005-02004</b>	R0.25 x N 2 x C 4	0.5 50	●	
<b>005-04004</b>	R0.25 x N 4 x C 4	0.5 50	●	
<b>005-06004</b>	R0.25 x N 6 x C 4	0.5 50	◇	
<b>006-02004</b>	R0.3 x N 2 x C 4	0.6 50	●	
<b>006-04004</b>	R0.3 x N 4 x C 4	0.6 50	●	
<b>006-06004</b>	R0.3 x N 6 x C 4	0.6 50	◇	
<b>008-04004</b>	R0.4 x N 4 x C 4	0.8 50	●	
<b>008-06004</b>	R0.4 x N 6 x C 4	0.8 50	●	
<b>008-08004</b>	R0.4 x N 8 x C 4	0.8 50	◇	
<b>010-04004</b>	R0.5 x N 4 x C 4	1.0 50	●	
<b>010-06004</b>	R0.5 x N 6 x C 4	1.0 50	●	
<b>010-08004</b>	R0.5 x N 8 x C 4	1.0 50	●	
<b>010-10004</b>	R0.5 x N 10 x C 4	1.0 50	◇	
<b>010-12004</b>	R0.5 x N 12 x C 4	1.0 50	●	
<b>015-06004</b>	R0.75 x N 6 x C 4	1.5 50	●	
<b>015-08004</b>	R0.75 x N 8 x C 4	1.5 50	●	
<b>015-12004</b>	R0.75 x N 12 x C 4	1.5 50	●	
<b>015-16004</b>	R0.75 x N 16 x C 4	1.5 60	◇	
<b>015-20004</b>	R0.75 x N 20 x C 4	1.5 60	◇	
<b>020-06004</b>	R1.0 x N 6 x C 4	2.0 50	●	
<b>020-08004</b>	R1.0 x N 8 x C 4	2.0 50	●	
<b>020-10004</b>	R1.0 x N 10 x C 4	2.0 50	●	
<b>020-12004</b>	R1.0 x N 12 x C 4	2.0 50	●	
<b>020-16004</b>	R1.0 x N 16 x C 4	2.0 60	◇	
<b>020-20004</b>	R1.0 x N 20 x C 4	2.0 60	◇	
<b>030-16006</b>	R1.5 x N 16 x C 6	3.0 60	●	
<b>030-20006</b>	R1.5 x N 20 x C 6	3.0 60	●	
<b>030-25006</b>	R1.5 x N 25 x C 6	3.0 60	◇	
<b>030-30006</b>	R1.5 x N 30 x C 6	3.0 75	◇	
<b>040-16006</b>	R2.0 x N 16 x C 6	4.0 60	●	
<b>040-20006</b>	R2.0 x N 20 x C 6	4.0 60	●	
<b>040-25006</b>	R2.0 x N 25 x C 6	4.0 60	◇	
<b>040-30006</b>	R2.0 x N 30 x C 6	4.0 75	◇	



Tolerance / Toleranz	
Range	Diameter
d < 1	0 / -0.015
1 ≤ d < 8	0 / -0.02