

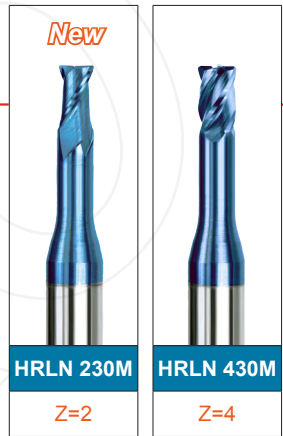
VHM K05-K20	30°	HSC
AISI-X Coating		
HRC 68		

Corner radius end mills, long neck
For HSC of tempered and hardened steels 48 - 68 HRC

Eckradiusfräser, überlaufhals
Für die HSC von gehärtetem und vergütetem Stählen mit Härten von 48 - 68 HRC

Example: Order code HRLN 230M 010-01044

d-Code	d x R x N x D	H L
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Hard-max

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	

010-01044	1.0 x R0.1 x N 4 x C 4	1.2 50	●	
010-01064	1.0 x R0.1 x N 6 x C 4	1.2 50	●	
010-01084	1.0 x R0.1 x N 8 x C 4	1.2 50	◇	
010-02044	1.0 x R0.2 x N 4 x C 4	1.2 50	●	
010-02064	1.0 x R0.2 x N 6 x C 4	1.2 50	●	
010-02084	1.0 x R0.2 x N 8 x C 4	1.2 50	●	
010-02104	1.0 x R0.2 x N 10 x C 4	1.2 50	◇	
010-02124	1.0 x R0.2 x N 12 x C 4	1.2 50	◇	

HRLN 230M	Z=2
HRLN 430M	Z=4

015-02064	1.5 x R0.2 x N 6 x C 4	1.8 50	●	
015-02124	1.5 x R0.2 x N 12 x C 4	1.8 50	●	
015-02184	1.5 x R0.2 x N 18 x C 4	1.8 60	◇	
015-03064	1.5 x R0.3 x N 6 x C 4	1.8 50	●	
015-03124	1.5 x R0.3 x N 12 x C 4	1.8 50	●	
015-03184	1.5 x R0.3 x N 18 x C 4	1.8 60	◇	

●	
●	
◇	
●	
●	
◇	

Cutting data, P26

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

020-02084	2.0 x R0.2 x N 8 x C 4	2.4 50	●	●
020-02124	2.0 x R0.2 x N 12 x C 4	2.4 50	●	●
020-02164	2.0 x R0.2 x N 16 x C 4	2.4 60	●	●
020-02204	2.0 x R0.2 x N 20 x C 4	2.4 60	◇	◇
020-05084	2.0 x R0.5 x N 8 x C 4	2.4 50	●	●
020-05124	2.0 x R0.5 x N 12 x C 4	2.4 50	●	●
020-05164	2.0 x R0.5 x N 16 x C 4	2.4 60	●	●
020-05204	2.0 x R0.5 x N 20 x C 4	2.4 60	◇	◇

●	●
●	●
●	●
◇	◇
●	●
●	●
●	●
◇	◇

030-02126	3.0 x R0.2 x N 12 x C 6	3.6 60	●	●
030-02186	3.0 x R0.2 x N 18 x C 6	3.6 60	●	●
030-02246	3.0 x R0.2 x N 24 x C 6	3.6 75	●	●
030-03126	3.0 x R0.3 x N 12 x C 6	3.6 60	◇	◇
030-03186	3.0 x R0.3 x N 18 x C 6	3.6 60	◇	◇
030-03246	3.0 x R0.3 x N 24 x C 6	3.6 75	◇	◇
030-05126	3.0 x R0.5 x N 12 x C 6	3.6 60	●	●
030-05186	3.0 x R0.5 x N 18 x C 6	3.6 60	●	●
030-05246	3.0 x R0.5 x N 24 x C 6	3.6 75	●	●

●	●
●	●
●	●
◇	◇
◇	◇
◇	◇
●	●
●	●
●	●

040-02166	4.0 x R0.2 x N 16 x C 6	4.8 60	●	●
040-02246	4.0 x R0.2 x N 24 x C 6	4.8 75	●	●
040-02326	4.0 x R0.2 x N 32 x C 6	4.8 75	●	●
040-03166	4.0 x R0.3 x N 16 x C 6	4.8 60	◇	◇
040-03246	4.0 x R0.3 x N 24 x C 6	4.8 75	◇	◇
040-03326	4.0 x R0.3 x N 32 x C 6	4.8 75	◇	◇
040-05166	4.0 x R0.5 x N 16 x C 6	4.8 60	●	●
040-05246	4.0 x R0.5 x N 24 x C 6	4.8 75	●	●
040-05326	4.0 x R0.5 x N 32 x C 6	4.8 75	●	●

●	●
●	●
●	●
◇	◇
◇	◇
◇	◇
●	●
●	●
●	●