

VHM K20-K40	 35°	GM
AlTiN Coating	 90°	
HRc 50		

Universal end mills

For general application milling of steels, stainless steels and hardened steels up to 50 HRc

Universal Schafffräser

Für allgemeine Bearbeitung von Stählen, rostfreie Stählen und gehärteten Stählen bis 50 HRc

Example: Order code E 235 010-03004

d-Code	d x H x D	L
--------	-----------	---



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	

010-03004	1.0 x 3.0 x C 4	50
015-04004	1.5 x 4.0 x C 4	50
020-06004	2.0 x 6.0 x C 4	50
025-07004	2.5 x 7.0 x C 4	50

E 235	E 435
Z=2	Z=4
●	◇
●	◇
●	●
●	◇

030-08003	3.0 x 8.0 x C 3	50
030-08004	3.0 x 8.0 x C 4	50
030-08006	3.0 x 8.0 x C 6	50

◇	◇
●	●
◇	◇

035-10004	3.5 x 10.0 x C 4	50
------------------	------------------	----

◇	◇
---	---

040-11004	4.0 x 11.0 x C 4	50
040-11006	4.0 x 11.0 x C 6	50

●	●
◇	◇

050-13006	5.0 x 13.0 x C 6	50
060-15006	6.0 x 15.0 x C 6	50
080-20008	8.0 x 20.0 x C 8	60
100-25010	10.0 x 25.0 x C10	75
120-30012	12.0 x 30.0 x C12	75
140-35016	14.0 x 35.0 x C16	100
160-40016	16.0 x 40.0 x C16	100
200-40020	20.0 x 40.0 x C20	100

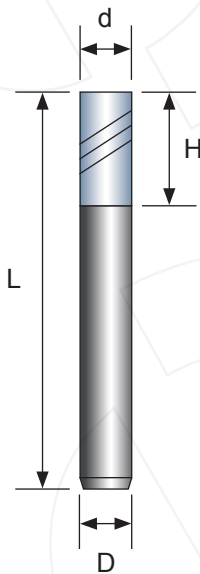
●	●
●	●
●	●
●	●
●	●
◇	◇
◇	●
◇	●

Long cut length / Lange schneidkantenlänge

030-15004	3.0 x 15.0 x C 4	75
040-20004	4.0 x 20.0 x C 4	75
060-25006	6.0 x 25.0 x C 6	75
080-30008	8.0 x 30.0 x C 8	75
100-40010	10.0 x 40.0 x C10	100
120-45012	12.0 x 45.0 x C12	100

◇	◇
◇	◇
◇	◇
◇	◇
◇	◇
◇	◇

Cutting data, P93 - P94



Tolerance / Toleranz	
Range	Diameter
1 ≤ d < 8	0 / -0.02
8 ≤ d < 18	0 / -0.03
18 ≤ d	0 / -0.04

Eco-cut