

VHM K10-K30	35°	HSC
Al-X Coating	90°	
HRc 60		

### End mills, long shank

For steels, stainless steels, titanium alloy, prehardened steels and hardened steels up to 60 HRc

### Schaftfräser, langer schaft

Für Stählen, rostfreie Stählen, Titan, vergüteten Stählen und gehärteten Stählen bis 60 HRc

Example: Order code WELS 235 020-05104

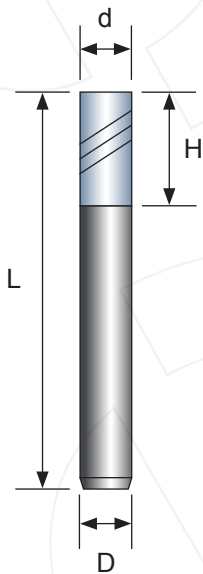
d-Code	d x L x D	H
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P	HRc < 24	⊙
	HRc 24 - 35	⊙
	HRc > 35	⊙
H	HRc 45 - 55	⊙
	HRc 56 - 60	○
	HRc > 60	
M	Stainless steel	⊙
K	Cast iron	⊙
N	Copper alloy	○
S	Titanium alloy	⊙
	High-temperature alloy	○

<b>020-05104</b>	<b>2.0 x L 75 x C 4</b>	5.0	◇	◇
<b>030-08104</b>	<b>3.0 x L 75 x C 4</b>	8.0	◇	◇
<b>030-08306</b>	<b>3.0 x L100 x C 6</b>	8.0	◇	◇
<b>040-11104</b>	<b>4.0 x L 75 x C 4</b>	11.0	◇	●
<b>040-11306</b>	<b>4.0 x L100 x C 6</b>	11.0	◇	◇
<b>050-13106</b>	<b>5.0 x L 75 x C 6</b>	13.0	◇	◇
<b>050-13306</b>	<b>5.0 x L100 x C 6</b>	13.0	◇	◇
<b>060-15106</b>	<b>6.0 x L 75 x C 6</b>	15.0	◇	●
<b>060-15306</b>	<b>6.0 x L100 x C 6</b>	15.0	◇	●
<b>080-20108</b>	<b>8.0 x L 75 x C 8</b>	20.0	◇	●
<b>080-20308</b>	<b>8.0 x L100 x C 8</b>	20.0	◇	●
<b>080-20508</b>	<b>8.0 x L150 x C 8</b>	20.0	◇	●
<b>100-25310</b>	<b>10.0 x L100 x C10</b>	25.0	◇	●
<b>100-25510</b>	<b>10.0 x L150 x C10</b>	25.0	◇	●
<b>120-30312</b>	<b>12.0 x L100 x C12</b>	30.0	◇	●
<b>120-30512</b>	<b>12.0 x L150 x C12</b>	30.0	◇	●

Cutting data, P70 - P71



Tolerance / Toleranz

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

Wide-cut