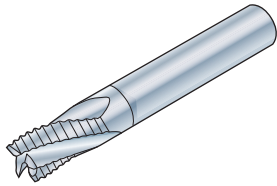


A General turning
 B Parting and grooving
 C Threading
 D Milling
 E Drilling
 F Boring
 G Tool holding systems
 H Multi-task machining
 I General information

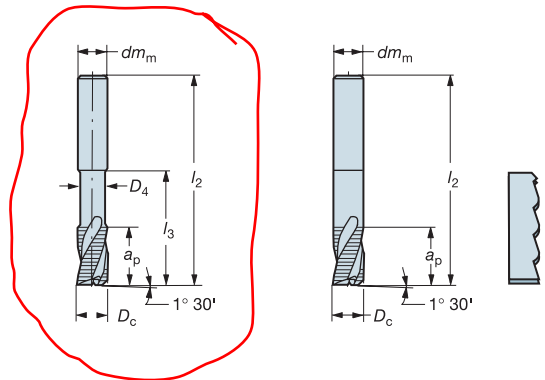
High performance ISO N end mill

Roughing

Kordell design



Helix angle: -40°
 Tolerances: D_c : h12
 dm_m : h5



D_c mm	Ordering code	Front type	Dimensions, mm					Max a_p	N
			z_1	dm_m	l_2	l_3	D_4		
Cylindrical shank									
6	R216.33-06040-AC13U	3	6	57				13	☆
8	R216.33-08040-AC19U	3	8	63				19	☆
10	R216.33-10040-AC22U	3	10	72				22	☆
12	R216.33-12040-AC26U	3	12	83				26	☆
14	R216.33-14040-AC26U	3	14	83				26	☆
16	R216.33-16040-AC32U	3	16	92				32	☆
18	R216.33-18040-AC32U	3	18	92				32	☆
20	R216.33-20040-AC38U	3	20	104				38	☆
Fluted shank									
6	R216.33-06040-AJ10U	3	8	63	24	5.6		10	☆
8	R216.33-08040-AJ12U	3	10	72	29	7.5		12	☆
10	R216.33-10040-AJ14U	3	12	83	35	9.3		14	☆
12	R216.33-12040-AJ16U	3	12	100	50	11.5		16	☆
16	R216.33-16040-AJ20U	3	16	115	63	15.5		20	☆
20	R216.33-20040-AJ20U	3	20	125	70	19.5		20	☆
25	R216.33-25040-AJ25U	3	25	135	75	24		25	☆

¹⁾ Maximum cutting edge length.

For more technical information, see our Metalcutting Technical guide

z_1 = number of cutting edges

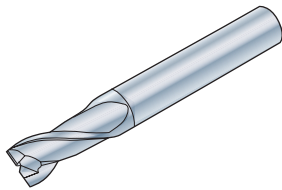
Plura Guide

First choice: Use PluraGuide. Order number C-2948-063

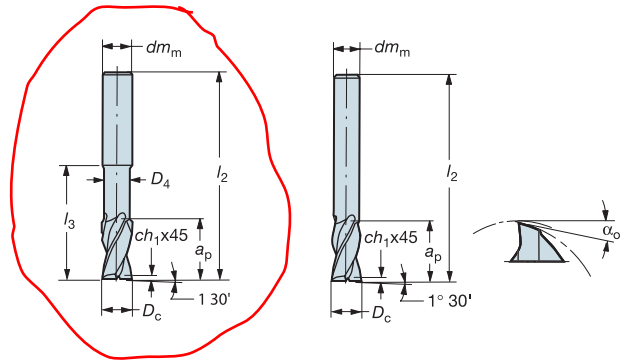


A General turning
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High performance ISO N end mill



Helix angle: $-30^\circ, -25^\circ$
 Tolerances: D_c : h10
 dm_m : h6



This cutter has a new design improving drilling capability.

D_c mm	Ordering code	Front type	Dimensions, mm							Max a_p	N
			z_1	dm_m	l_2	l_3	D_4	ch_1	α_o		
Cylindrical shank											
2	R216.32-02030-AC60A		2	6	57	9.5			13°	6	☆
3	R216.32-03030-AC07A		2	6	57	10.4			13°	7	☆
4	R216.32-04030-AC08A		2	6	57	15.3			13°	8	☆
5	R216.32-05030-AC10A		2	6	57	16.1			13°	10	☆
6	R216.32-06030-AC10A		2	6	57				13°	10	☆
8	R216.32-08030-AC16A		2	8	63				13°	16	☆
10	R216.32-10030-AC19A		2	10	72		0.1		13°	19	☆
12	R216.32-12030-AC22A		2	12	83		0.1		13°	22	☆
AK Series											
2	R216.32-02025-AK80A		2	6	57	10.0			20°	8	☆
3	R216.32-03025-AK12A		2	6	57	14.9			20°	12	☆
4	R216.32-04025-AK14A		2	6	57	18.0			14°	14	☆
5	R216.32-05025-AK16A		2	6	57	19.1			14°	16	☆
6	R216.32-06025-AK22A		2	6	65				14°	22	☆
8	R216.32-08025-AK28A		2	8	80				14°	28	☆
10	R216.32-10025-AK32A		2	10	90		0.1		12°	32	☆
12	R216.32-12025-AK38A		2	12	100		0.1		12°	38	☆
AP Series											
2	R216.32-02025-AP30A		2	6	57	6	1.9		20°	3	☆
3	R216.32-03025-AP04A		2	6	57	7	2.9		20°	4	☆
4	R216.32-04025-AP06A		2	6	57	10	3.8		14°	6	☆
5	R216.32-05025-AP08A		2	6	57	16	4.8		14°	8	☆
8	R216.32-08025-AP12A		2	8	80	35	7.7		14°	12	☆
10	R216.32-10025-AP14A		2	10	90	45	9.7	0.1	12°	14	☆
12	R216.32-12025-AP16A		2	12	100	50	11.7	0.1	12°	16	☆
16	R216.32-16025-AP20A		2	16	115	63	15.5	0.15	12°	20	☆
20	R216.32-20025-AP20A		2	20	125	70	19.5	0.15	10°	20	☆

¹⁾ Maximum cutting edge length.

For more technical information, see our Metalcutting Technical guide

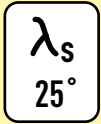
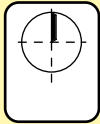
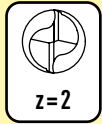
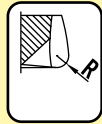
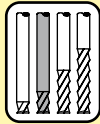
z_1 = number of cutting edges

Plura Guide

First choice: Use PluraGuide. Order number C-2948-063



HM



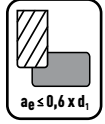
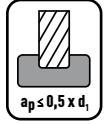
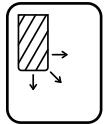
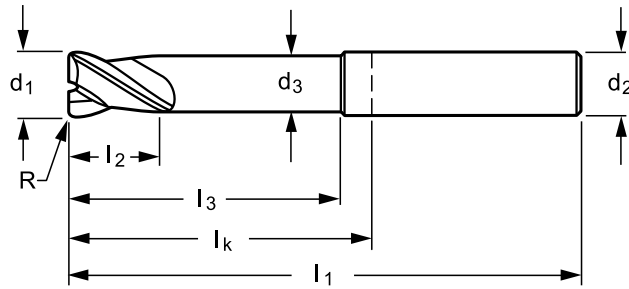
Schaftfräser mit Eckenradius End mill with corner radius
 Fraises toriques Fresa con raggio

AL 25

4.1 5.1 6.1-4 7.1-3.1,5.1-5.3 8.1-2

PROTOSTAR

129



extra lange Reichweite extra long effective length pour fraisage extra profond
 Lunghezza d'impiego extra lunga alcance extra-largo



d ₁ h9 mm	l ₂ mm	R mm	l ₃ mm	d ₃ mm	l ₁ mm	l _k mm	d ₂ h5 mm	z	Code H 60 2881	Code H 60 28818 TAX
6	10	0,5	28	5,7	65	29	6	2	-6-0.5	-6-0.5
6	10	1	28	5,7	65	29	6	2	-6-1	-6-1
8	12	1	35	7,6	80	44	8	2	-8-1	-8-1
8	12	2	35	7,6	80	44	8	2	-8-2	-8-2
10	14	1	45	9,5	90	50	10	2	-10-1	-10-1
10	14	2	45	9,5	90	50	10	2	-10-2	-10-2
12	16	1,5	50	11,4	100	55	¹⁾ 12	2	-12-1.5	-12-1.5
12	16	3	50	11,4	100	55	¹⁾ 12	2	-12-3	-12-3
16	20	2	63	15,2	115	67	¹⁾ 16	2	-16-2	-16-2
16	20	4	63	15,2	115	67	¹⁾ 16	2	-16-4	-16-4
20	20	2	70	19,0	125	75	¹⁾ 20	2	-20-2	-20-2
20	20	4	70	19,0	125	75	¹⁾ 20	2	-20-4	-20-4

AL

1) Schafttoleranz h6 / 1) shank tolerance h6 / 1) Tolérance de queue h6 / 1)
 Tolleranza del codolo h6 / 1) tolerancia del mango h6

