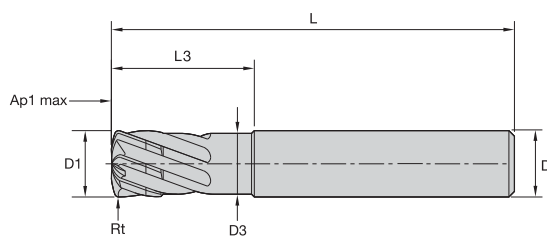
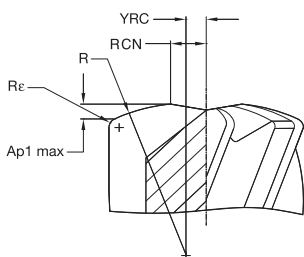


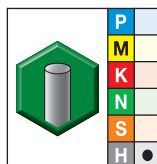
- Non-centre cutting.
- Standard items listed. Additional styles and coatings made-to-order.



End Mill Tolerances

D1	tolerance e8	D	tolerance h6 + / -
≤ 3	-0,014/-0,028	≤ 3	0/0,006
> 3-6	-0,020/-0,038	> 3-6	0/0,008
> 6-10	-0,025/-0,047	> 6-10	0/0,009
> 10-18	-0,032/-0,059	> 10-18	0/0,011
> 18-30	-0,040/-0,073	> 18-30	0/0,013

■ Series 70N7 • >52 HRC • Vision Plus X-Feed



grade AITiN-MT1
AITiN

- first choice
- alternate choice

order #	catalogue #	D1	D	D3	length of cut Ap1 max	L3	length L	Re	Rt
3484756	70N706002MT	6,0	6	5,50	0,20	18,00	63	0,38	0,58
3484757	70N708003MT	8,0	8	7,50	0,27	24,00	76	0,50	0,77
3484758	70N710004MT	10,0	10	9,00	0,33	30,00	89	0,63	0,96
3403492	70N712005MT	12,0	12	11,00	0,40	36,00	100	0,75	1,15
3477329	70N716006MT	16,0	16	15,00	0,54	48,00	110	1,00	1,54
3484759	70N720007MT	20,0	20	19,00	0,67	60,00	125	1,25	1,92

NOTE: YRC = distance from centre line to the crown of the R radius.
 RCN = distance from centre line to the start of the cutting edge. This dimension can also help determine the minimum circle size when helical ramping.
 R = the head radius size.
 Re = the shoulder radius or radius at the corner of the cutter.

■ Programming Data

Tool List 70N7															
Geometrical Parameters									Ramping Guide for Circular and Linear Interpolation						
									Circular Interpolation		Linear Interpolation				
									Allowed Range of Hole Diameter		Calculated Length (mm) per Ramp Angle				
diameter	Ap1 max	Rfm	Rt	Rc	Xfm	Yfm	YD	Number			Ramp Angle (degree)				
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	flutes	Smallest	Largest	1	2	3	4	5
6	0,20	9	0,58	0,375	0,20	0,75	1,26	6	8,52	12	11,51	5,75	3,83	2,87	2,30
8	0,27	12	0,77	0,500	0,27	1,00	1,68	6	11,36	16	15,34	7,67	5,11	3,83	3,06
10	0,33	15	0,96	0,625	0,33	1,25	2,10	6	14,2	20	19,18	9,58	6,39	4,79	3,83
12	0,40	18	1,15	0,750	0,40	1,50	2,52	6	17,04	24	23,01	11,50	7,66	5,74	4,59
16	0,54	24	1,54	1,000	0,54	2,00	3,36	6	22,72	32	30,68	15,34	10,22	7,66	6,12
20	0,67	30	1,92	1,250	0,67	2,50	4,20	6	28,4	40	38,35	19,17	12,77	9,57	7,65
Recommended Feed											100%	70%	50%	30%	10%