

123 Series

High Performance Aluminium Endmill



Rough Milling, Semi-Finishing, Finishing
All meets in one series.

Single solution in various aluminum milling operations.

Updated geometry ensures milling at high feed rates and high chip evacuation volumes along with up to 35% better surface quality compared with its competitors.

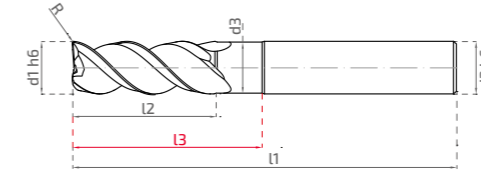
Market Leader

Up to **%60** enhanced tool life with coated option in milling high-alloy Aluminum.

Up to **%45** improved bottom surface roughness thanks to optimized and 100% traceable special Radius forms

improved bottom roughness **%35**

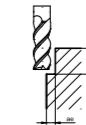
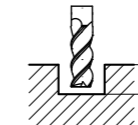
Available from stock in all sizes **%100**



Short Series								
Stock	Code	d1h6	d2h6	d3	L1	L2	L3	R
*	123303058	3	6	2,8	58	8	13	0,2
*	123304058	4	6	3,8	58	13	15,4	0,2
*	123305058	5	6	4,8	58	15	21	0,2
*	123306058	6	6	5,7	58	17	26	0,2
*	123308064	8	8	7,7	64	22	30	0,2
*	123310073	10	10	9,7	73	25	35	0,2
*	123312082	12	12	11,7	82	28	40	0,2
*	123314082	14	14	13,7	82	28	40	0,2
*	123316093	16	16	15,7	93	37	53	0,2
*	123320105	20	20	19,7	105	38	54	0,2

Long Series								
Stock	Code	d1h6	d2h6	d3	L1	L2	L3	R
*	123306108	6	6	5,8	108	15	45	0,2
*	123308108	8	8	7,8	108	18	62	0,2
*	123310108	10	10	9,8	108	20	62	0,2
*	123312125	12	12	11,8	125	25	80	0,2
*	123316160	16	16	15,8	160	30	110	0,2
*	123320200	20	20	19,8	200	30	115	0,2

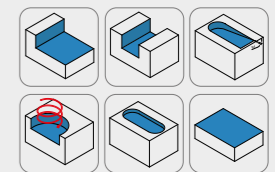
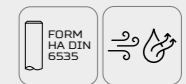
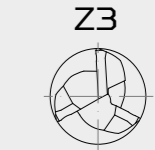
Cutting Parameters		
Material	Slotting ap=15-100	Shoulder Milling ap=150 / ae=0.3 - 0.2 - 0.10
	Vc (m/min)	Vc (m/min)



Non Ferrous Material

Aluminum Alloys	250-300	350-400
Copper Alloys	200-250	300-350

	Feed Per Tooth (mm/tooth)				
	ap=1.500	ap=10	ae=0.300	ae=0.200	ae=0.100
0					
3	0,050	0,061	0,120	0,160	0,200
4	0,056	0,068	0,130	0,178	0,221
5	0,062	0,076	0,152	0,190	0,240
6	0,068	0,080	0,161	0,200	0,262
8	0,072	0,083	0,168	0,210	0,281
10	0,075	0,088	0,173	0,220	0,300
12	0,084	0,093	0,200	0,260	0,325
16	0,090	0,103	0,240	0,300	0,360
20	0,100	0,112	0,280	0,340	0,400



Steel	○
Stainless Steel	○
Hardened Steel <=54 HRC	○
Hardened Steel >54 HRC	○
Cast Iron	○
Graphite	○
Non Ferrous Material	●
HRSA	○
Titanium	○

● Recommended ○ Acceptable ○ Not Recommended

* Marked products can be delivered quickly from stock.