



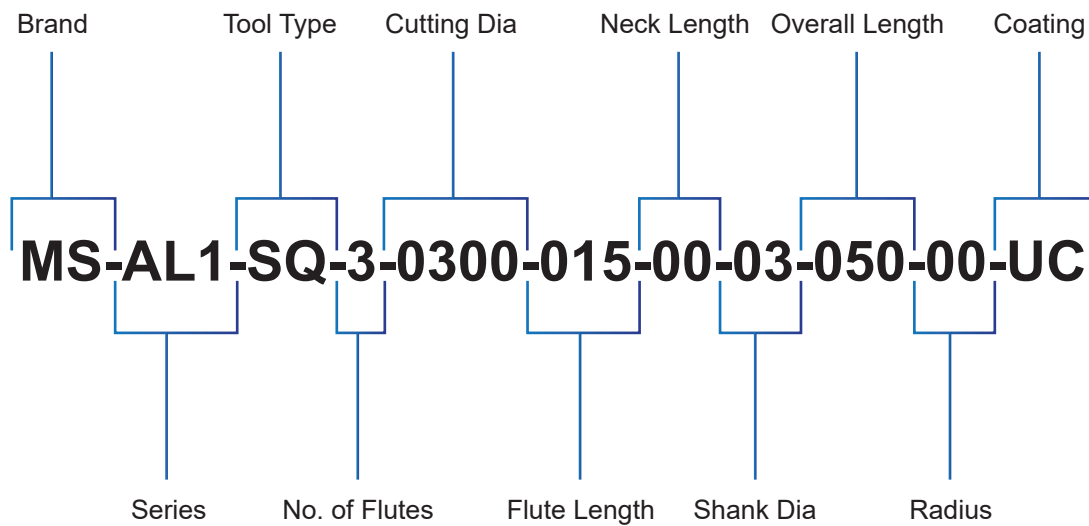
HIGH PERFORMANCE ENDMILL

AL1-UC

SQUARE | CORNER RADIUS

www.mstm.co.in

CODE DESCRIPTION



Tool Type:

SQ - Square End mill

CR - Corner Radius End mill

No. of Flutes:

3 - 3 Flute



AL1-UC

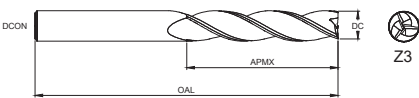
- ▶ High performance end mills for machining of non-ferrous materials including high silicon alloys of aluminum in the electronics, 3C & aerospace industry.
- ▶ Premium hard carbide grade allows for high edge strengthening resulting in high feed rates.
- ▶ Special unequal geometry & multiple helix results in vibration-free machining and no chatter marks on the workpiece surface.
- ▶ Advanced surface treatment results in super smooth chip surface improving chip evacuation and decreases formation of BUE.
- ▶ Recommended for machining of aluminum alloys found in the aerospace & electronics industry and other non-ferrous materials.



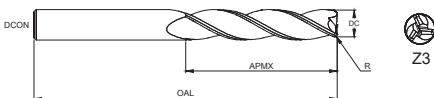
P	M	K	N	S	H
			●		

● Recommended ○ Good

SQUARE END MILL



CORNER RADIUS END MILL



Note: R = RD (CR Radius)



units in mm

SQUARE END MILL - Z3

CODE	DC	DCON	APMX	OAL
MS-AL1-SQ-3-0300-040-00-06-050-00-UC	3	6	4	50
MS-AL1-SQ-3-0300-070-00-06-057-00-UC	3	6	7	57
MS-AL1-SQ-3-0400-050-00-06-054-00-UC	4	6	5	54
MS-AL1-SQ-3-0400-080-00-06-057-00-UC	4	6	8	57
MS-AL1-SQ-3-0500-060-00-06-054-00-UC	5	6	6	54
MS-AL1-SQ-3-0500-100-00-06-057-00-UC	5	6	10	57
MS-AL1-SQ-3-0600-070-00-06-054-00-UC	6	6	7	54
MS-AL1-SQ-3-0600-100-00-06-057-00-UC	6	6	10	57
MS-AL1-SQ-3-0800-090-00-08-058-00-UC	8	8	9	58
MS-AL1-SQ-3-0800-160-00-08-063-00-UC	8	8	16	63
MS-AL1-SQ-3-1000-110-00-10-066-00-UC	10	10	11	66
MS-AL1-SQ-3-1000-190-00-10-072-00-UC	10	10	19	72
MS-AL1-SQ-3-1200-120-00-12-073-00-UC	12	12	12	73
MS-AL1-SQ-3-1200-220-00-12-083-00-UC	12	12	22	83
MS-AL1-SQ-3-1400-140-00-14-075-00-UC	14	14	14	75
MS-AL1-SQ-3-1400-220-00-14-083-00-UC	14	14	22	83
MS-AL1-SQ-3-1600-160-00-16-082-00-UC	16	16	16	82
MS-AL1-SQ-3-1600-260-00-16-092-00-UC	16	16	26	92
MS-AL1-SQ-3-1800-180-00-18-084-00-UC	18	18	18	84
MS-AL1-SQ-3-1800-260-00-18-092-00-UC	18	18	26	92
MS-AL1-SQ-3-2000-200-00-20-092-00-UC	20	20	20	92
MS-AL1-SQ-3-2000-320-00-20-104-00-UC	20	20	32	104



CORNER RADIUS END MILL - Z3



units in mm

CODE	DC	DCON	APMX	OAL	RD (CR RADIUS)
MS-AL1-CR-3-0300-040-00-06-050-RD-UC	3	6	4	50	0.3, 0.5
MS-AL1-CR-3-0300-070-00-06-057-RD-UC	3	6	7	57	0.3, 0.5
MS-AL1-CR-3-0400-050-00-06-054-RD-UC	4	6	5	54	0.3, 0.5
MS-AL1-CR-3-0400-080-00-06-057-RD-UC	4	6	8	57	0.3, 0.5
MS-AL1-CR-3-0500-060-00-06-054-RD-UC	5	6	6	54	0.5, 1.0
MS-AL1-CR-3-0500-100-00-06-057-RD-UC	5	6	10	57	0.5, 1.0
MS-AL1-CR-3-0600-070-00-06-054-RD-UC	6	6	7	54	0.5, 1.0
MS-AL1-CR-3-0600-100-00-06-057-RD-UC	6	6	10	57	0.5, 1.0
MS-AL1-CR-3-0800-090-00-08-058-RD-UC	8	8	9	58	0.5, 1.0
MS-AL1-CR-3-0800-160-00-08-063-RD-UC	8	8	16	63	0.5, 1.0
MS-AL1-CR-3-1000-110-00-10-066-RD-UC	10	10	11	66	0.5, 1.0
MS-AL1-CR-3-1000-190-00-10-072-RD-UC	10	10	19	72	0.5, 1.0
MS-AL1-CR-3-1200-120-00-12-073-RD-UC	12	12	12	73	0.5, 1.0, 2.0
MS-AL1-CR-3-1200-220-00-12-083-RD-UC	12	12	22	83	0.5, 1.0, 2.0
MS-AL1-CR-3-1400-140-00-14-075-RD-UC	14	14	14	75	1.0, 2.0
MS-AL1-CR-3-1400-220-00-14-083-RD-UC	14	14	22	83	1.0, 2.0
MS-AL1-CR-3-1600-160-00-16-082-RD-UC	16	16	16	82	1.0, 2.0
MS-AL1-CR-3-1600-260-00-16-092-RD-UC	16	16	26	92	1.0, 2.0
MS-AL1-CR-3-1800-180-00-18-084-RD-UC	18	18	18	84	1.0, 2.0
MS-AL1-CR-3-1800-260-00-18-092-RD-UC	18	18	26	92	1.0, 2.0
MS-AL1-CR-3-2000-200-00-20-092-RD-UC	20	20	20	92	1.0, 2.0
MS-AL1-CR-3-2000-320-00-20-104-RD-UC	20	20	32	104	1.0, 2.0



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For Further Enquiries

M.S. Tools & Manufacturing Company Pvt. Ltd.

Manufacturing Facility:

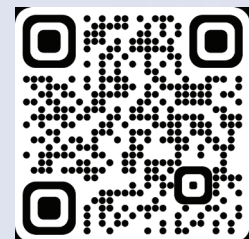
Chennai, Bengaluru

Sales:

PAN India



Manufacturing
Sales



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