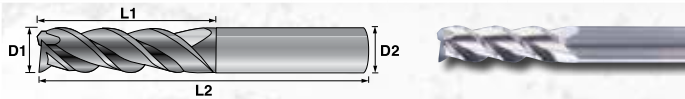


Solid Carbide End Mill Program - Square Nose continued



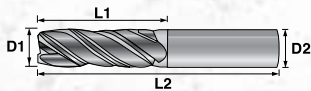
AlumiSTAR EMSA - 3 Flute Endmill, 45° - Aluminum

Tool Ordering No.	Cutter Diameter (D1) tol. +0 / -0.015	Corner Radius (R1)	Shank Diameter (D2)	Cutting Length (L1)	Total Length (L2)
EMSA-04-	4	XX	4,000	14	50
EMSA-06-	6	XX	6,000	19	63
EMSA-08-	8	XX	8,000	22	63
EMSA-10-	10	XX	10,000	25	63
EMSA-12-	12	XX	12,000	25	76
EMSA-16-	16	XX	16,000	38	92
EMSA-20-	20	XX	20,000	38	101



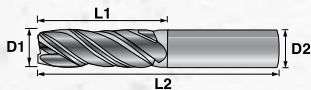
EMV4 - 4 Flute Variable Fluted Endmill, Square End w/45° Chamfer

Tool Ordering No.	Cutter Diameter (D1) tol. +0 / -0.015	Corner Radius (R1)	Shank Diameter (D2)	Cutting Length (L1)	Total Length (L2)
EMV4-03-	3	XX	3	16	38
EMV4-04-	4	XX	4	20	50
EMV4-06-	6	XX	6	25	63
EMV4-08-	8	XX	8	25	63
EMV4-10-	10	XX	10	25	63
EMV4-12-	12	XX	12	25	76
EMV4-16-	16	XX	16	50	92
EMV4-20-	20	XX	20	50	101



EMV5 - 5 Flute Variable Flute, Variable Helix Endmill, Square End

Tool Ordering No.	Cutter Dia. (D1) tol. +0 / -0.001	Corner Radius (R1)	No. of Flutes	Shank Dia. (D2)	Cutting Length (L1)	Total Length (L2)
EMV5-3.0-HSN	3,0	XX	5	3,0	7,5	38
EMV5-4.0-HSN	4,0	XX	5	4,0	10,0	50
EMV5-6.0-HSN	6,0	XX	5	6,0	15,0	63
EMV5-8.0-HSN	8,0	XX	5	8,0	20,0	63
EMV5-10.0-HSN	10,0	XX	5	10,0	25,0	63
EMV5-12.0-HSN	12,0	XX	5	12,0	30,0	76
EMV5-16.0-HSN	16,0	XX	5	16,0	40,0	100



EMV5 - 5 Flute Variable Flute, Variable Helix Endmill, With Corner Radius

Tool Ordering No.	Cutter Dia. (D1) tol. +0 / -0.001	Corner Radius (R1)	No. of Flutes	Shank Dia. (D2)	Cutting Length (L1)	Total Length (L2)
EMV5-3.0-0.5-HSN	3,0	0,5	5	3,0	7,5	38
EMV5-4.0-0.5-HSN	4,0	0,5	5	4,0	10,0	50
EMV5-6.0-0.5-HSN	6,0	0,5	5	6,0	15,0	63
EMV5-6.0-1.0-HSN	6,0	1,0	5	6,0	15,0	63
EMV5-8.0-0.5-HSN	8,0	0,5	5	8,0	20,0	63
EMV5-8.0-1.0-HSN	8,0	1,0	5	8,0	20,0	63
EMV5-10.0-0.5-HSN	10,0	0,5	5	10,0	25,0	63
EMV5-10.0-1.0-HSN	10,0	1,0	5	10,0	25,0	63
EMV5-12.0-0.5-HSN	12,0	0,5	5	12,0	30,0	76
EMV5-12.0-1.0-HSN	12,0	1,0	5	12,0	30,0	76
EMV5-16.0-0.5-HSN	16,0	0,5	5	16,0	40,0	100
EMV5-16.0-1.0-HSN	16,0	1,0	5	16,0	40,0	100