

Ultra Precision End Mills



EIS2...LL - 2 Flute Long Series Endmill, Sq. End

Tool Ordering No.	Cutter Diameter tol. +0 / -0.0006	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
EIS2-0125-LL	1/8"	XX	0.125	0.625	2.000
EIS2-0187-LL	3/16"	XX	0.187	1.000	3.000
EIS2-0250-LL	1/4"	XX	0.250	1.000	3.000
EIS2-0312-LL	5/16"	XX	0.312	1.000	3.000
EIS2-0375-LL	3/8"	XX	0.375	1.000	4.000
EIS2-0437-LL	7/16"	XX	0.437	1.000	4.000
EIS2-0500-LL	1/2"	XX	0.500	1.000	4.000
EIS2-0625-LL	5/8"	XX	0.625	2.000	6.000
EIS2-0750-LL	3/4"	XX	0.750	2.000	6.000
EIS2-1000-LL	1"	XX	1.000	2.000	6.000



EIS4...LL - 4 Flute Long Series Endmill, Sq. End

Tool Ordering No.	Cutter Diameter tol. +0 / -0.0006	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
EIS4-0125-LL	1/8"	XX	0.125	0.625	2.000
EIS4-0187-LL	3/16"	XX	0.187	1.000	3.000
EIS4-0250-LL	1/4"	XX	0.250	1.000	3.000
EIS4-0312-LL	5/16"	XX	0.312	1.000	3.000
EIS4-0375-LL	3/8"	XX	0.375	1.000	4.000
EIS4-0437-LL	7/16"	XX	0.437	1.000	4.000
EIS4-0500-LL	1/2"	XX	0.500	1.000	4.000
EIS4-0625-LL	5/8"	XX	0.625	2.000	6.000
EIS4-0750-LL	3/4"	XX	0.750	2.000	6.000
EIS4-1000-LL	1"	XX	1.000	2.000	6.000



AlumiSTAR EISA - 3 Flute Endmill 45° - Aluminum

Tool Ordering No.	Cutter Diameter tol. +0 / -0.0006	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
EISA-0125-	1/8"	XX	0.125	0.500	1.500
EISA-0187-	3/16"	XX	0.187	0.625	2.000
EISA-0250-	1/4"	XX	0.250	0.750	2.500
EISA-0312-	5/16"	XX	0.312	0.750	2.500
EISA-0375-	3/8"	XX	0.375	0.875	2.500
EISA-0437-	7/16"	XX	0.437	0.875	2.500
EISA-0500-	1/2"	XX	0.500	1.250	3.000
EISA-0625-	5/8"	XX	0.625	1.250	3.500
EISA-0750-	3/4"	XX	0.750	1.500	4.000
EISA-1000-	1"	XX	1.000	1.500	4.000



AlumiSTAR BIA - 3 Flute Endmill, Ballnose 45° - Aluminum

Tool Ordering No.	Cutter Diameter tol. +0 / -0.0006	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
BIA-0125-	1/8"	0.063"	0.125	0.500	1.500
BIA-0187-	3/16"	0.094"	0.187	0.625	2.000
BIA-0250-	1/4"	0.125"	0.250	0.750	2.500
BIA-0312-	5/16"	0.156"	0.312	0.750	2.500
BIA-0375-	3/8"	0.188"	0.375	0.875	2.500
BIA-0437-	7/16"	0.219"	0.437	0.875	2.500
BIA-0500-	1/2"	0.250"	0.500	1.250	3.000
BIA-0625-	5/8"	0.313"	0.625	1.250	3.500
BIA-0750-	3/4"	0.375"	0.750	1.500	4.000
BIA-1000-	1"	0.500"	1.000	1.500	4.000



BIA - 2 Flute Long Series Endmill, Ballnose

Tool Ordering No.	Cutter Diameter tol. +0 / -0.0006	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
BIA2-0125-LL	1/8"	0.063"	0.125	0.625	2.000
BIA2-0187-LL	3/16"	0.094"	0.187	1.000	3.000
BIA2-0250-LL	1/4"	0.125"	0.250	1.000	3.000
BIA2-0312-LL	5/16"	0.156"	0.312	1.000	3.000
BIA2-0375-LL	3/8"	0.188"	0.375	1.000	4.000
BIA2-0437-LL	7/16"	0.219"	0.437	1.000	4.000
BIA2-0500-LL	1/2"	0.250"	0.500	1.000	4.000
BIA2-0625-LL	5/8"	0.313"	0.625	2.000	6.000
BIA2-0750-LL	3/4"	0.375"	0.750	2.000	6.000
BIA2-1000-LL	1"	0.500"	1.000	2.000	6.000



BIA4 - 4 Flute Endmill Long Series, Ballnose

Tool Ordering No.	Cutter Diameter tol. +0 / -0.0006	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
BIA4-0125-LL	1/8"	0.063"	0.125	0.625	2.000
BIA4-0187-LL	3/16"	0.094"	0.187	1.000	3.000
BIA4-0250-LL	1/4"	0.125"	0.250	1.000	3.000
BIA4-0312-LL	5/16"	0.156"	0.312	1.000	3.000
BIA4-0375-LL	3/8"	0.188"	0.375	1.000	4.000
BIA4-0437-LL	7/16"	0.219"	0.437	1.000	4.000
BIA4-0500-LL	1/2"	0.250"	0.500	1.000	4.000
BIA4-0625-LL	5/8"	0.313"	0.625	2.000	6.000
BIA4-0750-LL	3/4"	0.375"	0.750	2.000	6.000
BIA4-1000-LL	1"	0.500"	1.000	2.000	6.000

Ultra Precision End Mills



EMS2...LL - 2 Flute Long Series Endmill, Sq. End

Tool Ordering No.	Cutter Diameter tol. +0 / -0.015	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
EMS2-03-LL	3	XX	3	16	50
EMS2-04-LL	4	XX	4	20	76
EMS2-06-LL	6	XX	6	25	76
EMS2-08-LL	8	XX	8	25	76
EMS2-10-LL	10	XX	10	25	101
EMS2-12-LL	12	XX	12	25	101
EMS2-16-LL	16	XX	16	50	152
EMS2-20-LL	20	XX	20	50	152



EMS4...LL - 4 Flute Long Series Endmill, Sq. End

Tool Ordering No.	Cutter Diameter tol. +0 / -0.015	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
EMS4-03-LL	3	XX	3	16	50
EMS4-04-LL	4	XX	4	20	76
EMS4-06-LL	6	XX	6	25	76
EMS4-08-LL	8	XX	8	25	76
EMS4-10-LL	10	XX	10	25	101
EMS4-12-LL	12	XX	12	25	101
EMS4-16-LL	16	XX	16	50	152
EMS4-20-LL	20	XX	20	50	152



AlumiSTAR EMSA - 3 Flute Endmill, 45° - Aluminum

Tool Ordering No.	Cutter Diameter tol. +0 / -0.015	Corner Radius (R1)	Shank Diameter (D1)	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



AlumiSTAR BMA - 3 Flute Endmill, Ballnose 45° - Aluminum

Tool Ordering No.	Cutter Diameter tol. +0 / -0.015	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
BMA-03-	3	1,5	3,000	12	38
BMA-04-	4	2	4,000	14	50
BMA-06-	6	3	6,000	19	63
BMA-08-	8	4	8,000	22	63
BMA-10-	10	5	10,000	25	63
BMA-12-	12	6	12,000	25	76
BMA-16-	16	8	16,000	38	92
BMA-20-	20	10	20,000	38	101



BM2 - 2 Flute Long Series Endmill, Ballnose

Tool Ordering No.	Cutter Diameter tol. +0 / -0.015	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
BM2-03-LL	3	1,5	3	16	50
BM2-04-LL	4	2	4	20	76
BM2-06-LL	6	3	6	25	76
BM2-08-LL	8	4	8	25	76
BM2-10-LL	10	5	10	25	101
BM2-12-LL	12	6	12	25	101
BM2-16-LL	16	8	16	50	152
BM2-20-LL	20	10	20	50	152



BM4 - 4 Flute Endmill Long Series, Ballnose

Tool Ordering No.	Cutter Diameter tol. +0 / -0.015	Corner Radius (R1)	Shank Diameter (D1)	Cutting Length (L1)	Total Length (L2)
BM4-03-LL	3	1,5	3	16	50
BM4-04-LL	4	2	4	20	76
BM4-06-LL	6	3	6	25	76
BM4-08-LL	8	4	8	25	76
BM4-10-LL	10	5	10	25	101
BM4-12-LL	12	6	12	25	101
BM4-16-LL	16	8	16	50	152
BM4-20-LL	20	10	20	50	152