



End Mills - ALU-POWER

Technical Information

3 FLUTE, 37° HELIX, WITH EXTENDED NECK, TICN COATED

SLOTting

MATERIAL	ALUMINUM NON-FERROUS METALS	
	CUTTING DIAMETER (Inch)	FEED (Inch/Minute)
	1/4	58.95
	3/8	83.50
	1/2	103.20
	5/8	93.35
	3/4	92.10
	1	82.95



SIDE CUTTING

MATERIAL	ALUMINUM NON-FERROUS METALS	
	CUTTING DIAMETER (Inch)	FEED (Inch/Minute)
	1/4	73.70
	3/8	103.20
	1/2	127.70
	5/8	117.90
	3/4	113.60
	1	102.00



Feed in long and extra-long types should be reduced by approximately 50%

Miniature End Mills



Micrograin Solid Carbide



Square End - Series 8500



Ball End - Series 8529

Tolerance: ±0.0004

2 Flute Precision - Square End

Series 8500

Size (mm)	Decimal Equivalent (Inch)	Flute Length (Inch)	Overall Length (Inch)	Shank (mm)	Code	Size (mm)	Decimal Equivalent (Inch)	Flute Length (Inch)	Overall Length (Inch)	Shank (mm)	Code
0.10	0.0039	0.008	1-1/2	3	605000	1.40	0.0551	0.160	1-1/2	3	605025
0.15	0.0059	0.012	1-1/2	3	605001	1.50	0.0591	0.160	1-1/2	3	605026
0.20	0.0079	0.020	1-1/2	3	605002	1.60	0.0630	0.200	1-1/2	3	605027
0.25	0.0098	0.020	1-1/2	3	605003	1.70	0.0669	0.200	1-1/2	3	605028
0.30	0.0118	0.040	1-1/2	3	605004	1.80	0.0709	0.200	1-1/2	3	605029
0.35	0.0138	0.040	1-1/2	3	605005	1.90	0.0748	0.200	1-1/2	3	605030
0.40	0.0157	0.040	1-1/2	3	605006	2.00	0.0787	0.200	1-1/2	3	605031
0.45	0.0177	0.040	1-1/2	3	605007	2.10	0.0827	0.240	1-1/2	3	605032
0.50	0.0197	0.060	1-1/2	3	605008	2.20	0.0866	0.240	1-1/2	3	605033
0.55	0.0217	0.060	1-1/2	3	605009	2.30	0.0906	0.240	1-1/2	3	605034
0.60	0.0236	0.060	1-1/2	3	605010	2.40	0.0945	0.240	1-1/2	3	605035
0.65	0.0256	0.060	1-1/2	3	605011	2.50	0.0984	0.275	1-1/2	3	605036
0.70	0.0276	0.060	1-1/2	3	605012	2.60	0.1024	0.275	1-1/2	3	605037
0.75	0.0295	0.060	1-1/2	3	605013	2.70	0.1063	0.275	1-1/2	3	605038
0.80	0.0315	0.060	1-1/2	3	605014	2.80	0.1102	0.275	1-1/2	3	605039
0.85	0.0335	0.060	1-1/2	3	605015	2.90	0.1142	0.275	1-1/2	3	605040
0.90	0.0354	0.100	1-1/2	3	605016	3.00	0.1181	0.400	1-3/4	4	605041
0.95	0.0374	0.100	1-1/2	3	605017	3.10	0.1220	0.400	1-3/4	4	605042
1.00	0.0394	0.120	1-1/2	3	605018	3.20	0.1260	0.400	1-3/4	4	605043
1.05	0.0413	0.120	1-1/2	3	605019	3.30	0.1299	0.400	1-3/4	4	605044
1.10	0.0433	0.120	1-1/2	3	605020	3.40	0.1339	0.400	1-3/4	4	605045
1.15	0.0453	0.120	1-1/2	3	605021	3.50	0.1378	0.400	1-3/4	4	605046
1.20	0.0472	0.160	1-1/2	3	605022	3.60	0.1417	0.400	1-3/4	4	605047
1.25	0.0492	0.160	1-1/2	3	605023	3.70	0.1457	0.400	1-3/4	4	605048
1.30	0.0512	0.160	1-1/2	3	605024	3.80	0.1496	0.400	1-3/4	4	605049