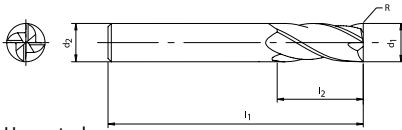


Solid Carbide End Mill
4 Flute 30° Helix with Radius
AlTiN / Uncoated



Uncoated

d_1 Diameter	d_2 Shank	l_2 LOC	l_1 OAL	.010	.015	.020	.030	.045	.060	.090	.125	Uncoated Price
3/16	3/16	5/8	2"	18000	18002	18004	18006	18008	18010			\$11.31
1/4	1/4	3/4	2-1/2	18020	18022	18024	18026	18028	18030	18032		\$14.40
5/16	5/16	13/16	2-1/2	18040	18042	18044	18046	18048	18050	18052	18054	\$21.12
3/8	3/8	1"	2-1/2	18060	18062	18064	18066	18068	18070	18072	18074	\$25.03
1/2	1/2	1"	3"	18080	18082	18084	18086	18088	18090	18092	18094	\$41.72
5/8	5/8	1-1/2	3-1/2	18100	18102	18104	18106	18108	18110	18112	18114	\$75.71
3/4	3/4	1-1/2	4"	18120	18122	18124	18126	18128	18130	18132	18134	\$105.78
1	1	1-1/2	4"	18140	18142	18144	18146	18148	18150	18152	18154	\$173.66

*Non-standard requirements are available upon request including length, chamfer and radius with different tolerances

AlTiN Coated

d_1 Diameter	d_2 Shank	l_2 LOC	l_1 OAL	.010	.015	.020	.030	.045	.060	.090	.125	Coated Price
3/16	3/16	5/8	2"	18000C	18002C	18004C	18006C	18008C	18010C			\$13.43
1/4	1/4	3/4	2-1/2	18020C	18022C	18024C	18026C	18028C	18030C	18032C		\$18.44
5/16	5/16	13/16	2-1/2	18040C	18042C	18044C	18046C	18048C	18050C	18052C	18054C	\$26.27
3/8	3/8	1"	2-1/2	18060C	18062C	18064C	18066C	18068C	18070C	18072C	18074C	\$30.49
1/2	1/2	1"	3"	18080C	18082C	18084C	18086C	18088C	18090C	18092C	18094C	\$49.03
5/8	5/8	1-1/2	3-1/2	18100C	18102C	18104C	18106C	18108C	18110C	18112C	18114C	\$87.04
3/4	3/4	1-1/2	4"	18120C	18122C	18124C	18126C	18128C	18130C	18132C	18134C	\$118.97
1	1	1-1/2	4"	18140C	18142C	18144C	18146C	18148C	18150C	18152C	18154C	\$192.71

*Non-standard requirements are available upon request including length, chamfer and radius with different tolerances

Cutting Diameter +.000/-0.002

Shank Diameter -.0001/-0.0004

Length of Cut +.025/+0.50

Overall Length ± .050