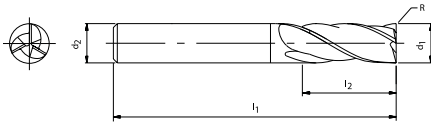


Solid Carbide End Mill

3 Flute 45° Helix



Design Specs

- Standard performance carbide end mill
- Slotting/Side/Face/Profile Milling
- Special Steps/Lengths upon request
- Greater chip clearance

Application:

Outstanding performance in Aluminum, Brass alloys and Non-Ferrous Metals

d ₁ Diameter	d ₂ Shank	l ₂ LOC	l ₁ OAL	Square EDP#	Uncoated Price	.010	.020	.030	.060	.090	.125	Uncoated Price	Ball EDP#	Uncoated Price
3/16	3/16	3/8	2"	21000	\$13.33	21002						\$16.00		\$16.00
3/16	3/16	5/8	2"	21020	\$13.64	21022						\$16.37		\$16.37
1/4	1/4	3/8	2-1/2	21040	\$19.26		21044	21046	21048			\$23.11		\$23.11
1/4	1/4	1/2	2"	21060	\$18.33		21064	21066	21068			\$22.00		\$22.00
1/4	1/4	1"	2-1/2	21080	\$23.07		21084	21086	21088			\$27.68		\$27.68
1/4	1/4	2"	4"	21100	\$38.73		21104	21106	21108			\$46.48		\$46.48
5/16	5/16	1/2	2-1/2	21120	\$25.03		21124	21126				\$30.04		\$30.04
5/16	5/16	3/4	2-1/2	21140	\$25.54		21144	21146				\$30.65		\$30.65
5/16	5/16	1-3/8	3"	21160	\$39.96		21164	21166				\$47.95		\$47.95
3/8	3/8	5/8	2-1/2	21180	\$27.09		21184	21186	21188			\$32.51		\$32.51
3/8	3/8	3/4	2-1/2	21200	\$28.02		21204	21206	21208			\$33.62		\$33.62
3/8	3/8	1-1/8	2-1/2	21220	\$31.72		21224	21226	21228			\$38.06		\$38.06
3/8	3/8	2"	4"	21240	\$46.14		21244	21246	21248			\$55.37		\$55.37
1/2	1/2	3/4	3"	21260	\$45.42		21264	21266	21268			\$54.50		\$54.50
1/2	1/2	1-1/4	3"	21280	\$47.90		21284	21286	21288			\$57.48		\$57.48
1/2	1/2	2"	4"	21300	\$71.07		21304	21306	21308			\$85.28		\$85.28
5/8	5/8	1-3/4	3-1/2	21320	\$90.23			21326	21328	21330	21332	\$108.28	21334	\$108.28
5/8	5/8	3"	6"	21340	\$139.36			21346	21348	21350	21352	\$167.23	21354	\$167.23
3/4	3/4	1-3/4	4"	21360	\$120.41				21368	21370	21372	\$144.49	21374	\$144.49
3/4	3/4	3"	6"	21380	\$195.49				21388	21390	21392	\$234.59	21394	\$234.59
1"	1"	1-7/8	4"	21400	\$201.37				21408	21410	21412	\$241.64	21414	\$241.64
1"	1"	3"	6"	21420	\$312.09				21428	21430	21432	\$374.51	21434	\$374.51

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

Extended Neck Reach

Diameter	Shank	LOC	OAL	LBS	Neck	Square EDP#	Uncoated Price	Radius EDP#	Uncoated Price	Ball EDP#	Uncoated Price
3/8	3/8	1/2	4"	2-1/8	.355	21500	\$55.98	21502	\$60.98	21512	\$60.98
3/8	3/8	1/2	6"	3-3/8	.355	21520	\$74.21	21522	\$79.21	21532	\$79.21
1/2	1/2	5/8	4"	2-1/4	.475	21540	\$86.05	21542	\$91.05	21552	\$91.05
1/2	1/2	5/8	6"	3-3/8	.475	21560	\$115.30	21562	\$120.30	21572	\$120.30
1/2	1/2	5/8	8"	4-1/2	.475	21580	\$146.20	21582	\$151.20	21592	\$151.20
5/8	5/8	3/4	4"	2-3/8	.593	21600	\$129.42	21602	\$134.42	21612	\$134.42
5/8	5/8	3/4	6"	3-3/8	.593	21620	\$171.95	21622	\$176.95	21632	\$176.95
5/8	5/8	3/4	8"	4-1/2	.593	21640	\$221.81	21642	\$226.81	21652	\$226.81
3/4	3/4	1"	6"	3-3/8	.712	21660	\$247.48	21662	\$253.48	21672	\$253.48
3/4	3/4	1"	8"	4-1/2	.712	21680	\$315.85	21682	\$320.85	21692	\$320.85
3/4	3/4	1"	12"	7"	.712	21700	\$424.10	21702	\$429.10	21612	\$429.10
1"	1"	1-1/4	6"	3-3/8	.950	21720	\$389.28	21722	\$394.28	21632	\$394.28
1"	1"	1-1/4	8"	4-1/2	.950	21740	\$497.85	21742	\$502.85	21652	\$502.85
1"	1"	1-1/4	12"	7"	.950	21760	\$690.25	21762	\$695.25	21672	\$695.25

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