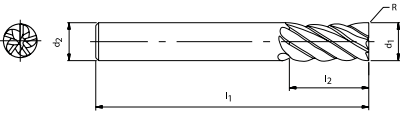


**Solid Carbide EndMill
5 Flute 45° Helix**

Design Specs

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

Application:

Ideal for Peripheral Finish Milling for Steel, Stainless Steel, Titanium & High Temp Alloys.

d_1 Diameter	d_2 Shank	l_2 LOC	l_1 OAL	Square EDP#	Uncoated Price	RAD	Radius EDP#	Uncoated Price	Ball EDP#	Uncoated Price
3/16	3/16	5/8	2"	23000	\$14.34	.010	23002	\$17.21	23014	\$17.21
1/4	1/4	3/4	2-1/2	23020	\$18.33	.015	23023	\$22.00	23034	\$22.00
5/16	5/16	13/16	2-1/2	23040	\$22.66	.020	23044	\$27.19	23054	\$27.19
3/8	3/8	1"	2-1/2	23060	\$28.33	.020	23064	\$34.00	23074	\$34.00
7/16	7/16	1"	2-3/4	23080	\$37.49	.020	23084	\$44.99	23094	\$44.99
1/2	1/2	1"	3"	23100	\$46.14	.030	23106	\$55.37	23114	\$55.37
5/8	5/8	1-1/2	3-1/2	23120	\$89.10	.030	23126	\$106.92	23134	\$106.92
3/4	3/4	1-1/2	4"	23140	\$124.32	.030	23146	\$149.18	23154	\$149.18
1"	1"	1-1/2	4"	23160	\$185.81	.030	23166	\$222.97	23174	\$222.97

*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	RAD	Radius EDP#	Uncoated Price	Ball EDP#	Uncoated Price
3/8	3/8	1/2	4"	2-1/8	.355	23500	\$59.16	.030	23506	\$64.16	23514	\$64.16
3/8	3/8	1/2	6"	3-3/8	.355	23520	\$77.75	.030	23526	\$82.75	23534	\$82.75
1/2	1/2	5/8	4"	2-1/4	.475	23540	\$89.82	.030	23546	\$94.82	23554	\$94.82
1/2	1/2	5/8	6"	3-3/8	.475	23560	\$119.64	.030	23566	\$124.64	23574	\$124.64
1/2	1/2	5/8	8"	4-1/2	.475	23580	\$152.14	.030	23586	\$157.14	23594	\$157.14
5/8	5/8	3/4	4"	2-3/8	.593	23600	\$134.03	.030	23606	\$139.03	23614	\$139.03
5/8	5/8	3/4	6"	3-3/8	.593	23620	\$178.39	.030	23626	\$183.39	23634	\$183.39
5/8	5/8	3/4	8"	4-1/2	.593	23640	\$231.21	.030	23646	\$236.21	23654	\$236.21
3/4	3/4	1"	6"	3-3/8	.712	23660	\$259.41	.030	23666	\$264.41	23674	\$264.41
3/4	3/4	1"	8"	4-1/2	.712	23680	\$329.08	.030	23686	\$334.08	23694	\$334.08
3/4	3/4	1"	12"	7"	.712	23700	\$440.43	.030	23706	\$445.43	23714	\$445.43
1"	1"	1-1/4	6"	3-3/8	.950	23720	\$403.94	.030	23726	\$408.94	23734	\$408.94
1"	1"	1-1/4	8"	4-1/2	.950	23740	\$517.61	.030	23746	\$522.61	23754	\$522.61
1"	1"	1-1/4	12"	7"	.950	23760	\$716.75	.030	23766	\$721.75	23774	\$721.75

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

Cutting Diameter $\pm .000/-0.002$

Shank Diameter $\pm .0001/-0.0004$

Length of Cut $\pm .025/+0.50$

Overall Length $\pm .050$