

2-Flute Regular Length Carbide End Mills

A general purpose carbide end mill with maximum chip clearance added.

For: End milling,
Slotting, Sinking
On: Variety of Steels,
Cast Iron, Non-Ferrous Metals,
Plastics, Abrasive Type Materials



Bright: Speeds & Feeds > P. A31
TiAlN: Speeds & Feeds > P. A34

Cutting Dia.	Shank Dia.	Flute Length	Overall Length	Bright Code No.	Price \$	TiAlN Code No.	Price \$
Inch							
1/32	1/8	1/8	1-1/2	103770	14.85	102677	18.43
3/64	1/8	9/64	1-1/2	103772	14.85	102799	18.43
1/16	1/8	3/16	1-1/2	103848	13.78	102800	17.38
5/64	1/8	1/4	1-1/2	103773	13.78	102801	17.38
3/32	1/8	5/16	1-1/2	103849	13.04	102802	16.61
7/64	1/8	3/8	1-1/2	103775	13.04	102803	16.61
1/8	1/8	1/2	1-1/2	103850	12.03	102804	15.61
9/64	3/16	1/2	2	103776	17.79	102805	21.36
5/32	3/16	9/16	2	103851	17.79	102806	21.36
11/64	3/16	9/16	2	103777	17.79	102807	21.36
3/16	3/16	5/8	2	103852	16.88	102808	20.42
13/64	1/4	5/8	2-1/2	103778	22.35	102809	29.75
7/32	1/4	5/8	2-1/2	103853	22.35	102811	29.75
1/4	1/4	3/4	2-1/2	103854	20.34	102810	27.72
9/32	5/16	3/4	2-1/2	103855	35.68	102813	46.73
5/16	5/16	13/16	2-1/2	103856	28.53	102812	39.59
11/32	3/8	7/8	2-1/2	103779	42.26	102815	53.30
3/8	3/8	1	2-1/2	103857	35.56	102814	46.56
13/32	7/16	1	2-3/4	103780	50.53	102817	63.10
7/16	7/16	1	2-3/4	103858	43.36	102816	55.94
1/2	1/2	1	3	103859	56.92	102818	69.47
9/16	9/16	1-1/8	3-1/2	103886	97.24	102820	115.36
5/8	5/8	1-1/4	3-1/2	103887	109.76	102822	127.93
11/16	3/4	1-3/8	4	103888	182.79	102824	204.23
3/4	3/4	1-1/2	4	103889	160.93	102826	182.36
7/8	7/8	1-1/2	4	103890	231.59	102828	263.24
1	1	1-1/2	4	103891	240.77	102830	272.38
6pc set: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"				103846	412.04	-	-
5pc set: 3/16", 1/4", 5/16", 3/8", 1/2"				-	-	102957	203.76
Metric							
0.5	3	1.5	39	101552	15.61	102819	19.21
1	3	3	39	101553	15.61	102821	19.18
1.5	3	5	39	101432	15.61	102823	19.18
2	3	7	39	102696	14.45	102825	18.02
2.5	3	7	39	102697	13.68	102827	17.28
3	3	9	39	102698	12.64	102829	16.23
3.5	4	12	51	102699	18.70	102853	22.28
4	4	14	51	102700	17.75	102855	21.32
4.5	5	14	51	102701	21.71	102857	27.29
5	5	16	51	102702	20.70	102859	28.07
6	6	19	64	102703	21.36	102861	28.73
7	8	19	64	102704	29.35	102863	40.36
8	8	21	64	102705	29.96	102865	41.00
9	10	22	70	102706	37.31	102867	48.35
10	10	22	70	102707	43.26	102869	55.79
11	11	25	70	102708	45.54	102871	58.09
12	12	25	76	102709	59.78	102873	72.31
14	14	30	89	102711	102.06	102875	120.22
16	16	32	89	102712	115.26	102881	133.43
18	18	35	102	102713	169.00	102883	190.42
20	20	38	102	102714	214.86	102885	246.52
22	22	38	102	101451	238.76	102887	270.39
25	25	38	102	102715	249.63	102889	281.28

2-Flute Stub Length Carbide End Mills

2-Flute Stub has added strength and stability with the same geometry of our standard length series. Stub end mills are specifically designed for shallow milling and slotting in a variety of materials.



Bright: Speeds & Feeds > P. A31
TiAlN: Speeds & Feeds > P. A34

Cutting Dia.	Shank Dia.	Flute Length	Overall Length	Bright Code No.	Price \$	TiAlN Code No.	Price \$
Inch							
1/32	1/8	5/64	1-1/2	101220	14.85	102202	18.43
3/64	1/8	3/32	1-1/2	101221	14.85	102221	18.43
1/16	1/8	1/8	1-1/2	101222	13.78	102222	17.38
5/64	1/8	1/8	1-1/2	101223	13.78	102223	17.38
3/32	1/8	3/16	1-1/2	101224	13.04	102224	16.61
7/64	1/8	7/32	1-1/2	101225	13.04	102225	16.61
1/8	1/8	1/4	1-1/2	101226	12.03	102226	15.61
9/64	3/16	9/32	2	101227	17.79	102227	21.36
5/32	3/16	5/16	2	101228	17.79	102228	21.36
3/16	3/16	3/8	2	101229	16.88	102229	20.42
7/32	1/4	7/16	2	101230	19.11	102203	24.70
1/4	1/4	1/2	2	101231	18.84	102231	24.43
5/16	5/16	1/2	2	101232	25.79	102204	33.73
3/8	3/8	5/8	2	101233	31.84	102233	39.79
7/16	7/16	5/8	2-1/2	101234	39.37	102206	51.92
1/2	1/2	5/8	2-1/2	101235	52.52	102235	65.07
5/8	5/8	3/4	3	101236	100.38	102207	114.93
3/4	3/4	1	3	101237	144.37	102237	161.79
Metric							
1	3	2	39	101640	15.95	102631	19.62
1.5	3	3	39	101641	15.95	102641	19.62
2	3	4	39	101642	12.67	102633	16.34
2.5	3	5	39	101643	12.00	102643	15.65
3	3	6	39	101644	11.70	102644	15.34
3.5	4	7	51	101645	16.37	102645	20.01
4	4	8	51	101646	15.47	102646	19.17
4.5	5	9	51	101647	20.55	102647	26.25
5	5	10	51	101648	19.17	102648	24.84
6	6	12	51	101649	20.30	102649	25.98
7	8	12	51	101650	26.38	102635	34.52
8	8	12	51	101651	27.69	102651	35.85
9	10	14	51	101652	34.22	102637	42.34
10	10	14	51	101653	37.82	102653	47.03
11	11	16	64	101654	44.20	-	-
12	12	16	64	101655	56.48	-	-

2-Flute 1/8" Shank Miniature Carbide End Mills

Designed for milling small precision components in a variety of materials.



Bright: Speeds & Feeds > P. A31
TiAlN: Speeds & Feeds > P. A34

Cutting Dia.	Shank Dia.	Flute Length	Overall Length	Bright Code No.	Price \$	TiAlN Code No.	Price \$
Inch							
0.015	1/8	0.047	1-1/2	101210	25.80	102208	25.80
0.020	1/8	0.063	1-1/2	101211	24.96	102211	24.96
0.025	1/8	0.078	1-1/2	101212	23.26	102212	23.26
0.030	1/8	0.094	1-1/2	101213	20.86	102213	20.86
0.035	1/8	0.109	1-1/2	101214	15.95	102214	19.59
0.040	1/8	0.125	1-1/2	101215	15.95	102209	19.59
0.045	1/8	0.140	1-1/2	101216	15.95	102216	19.59
0.050	1/8	0.156	1-1/2	101217	15.95	102217	19.59
0.055	1/8	0.171	1-1/2	101218	15.95	102218	19.59
0.060	1/8	0.188	1-1/2	101219	15.95	102219	19.59

Tolerances - Inch			Tolerances - Metric		
Size	Diameter	Shank Diameter	Size	Diameter	Shank Diameter
3/32 thru 1"	+0.000"-0.002"	+0.0000"-0.0005"	1mm-25mm	+0.000mm-0.051mm	+0.000mm-0.013mm
Steel			Stainless Steel		
Cast Iron/Hardened			Aluminum		