

4-Flute Stub Length Carbide End Mills

Strength, rigidity and improved tool life can be obtained with this stub length end mill. The premium micrograin carbide makes these mills tough enough to machine the very hard metals.



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	101260	11.01	102540	13.67
3/64	1/8	3/32	1-1/2	101261	11.01	102541	13.67
1/16	1/8	1/8	1-1/2	101262	10.22	102542	12.89
5/64	1/8	5/32	1-1/2	101263	10.22	102543	12.89
3/32	1/8	3/16	1-1/2	101264	9.66	102544	12.32
7/64	1/8	7/32	1-1/2	101265	9.66	102545	12.32
1/8	1/8	1/4	1-1/2	101266	8.92	102546	11.57
9/64	3/16	9/32	2	101267	13.19	102547	15.84
5/32	3/16	5/16	2	101268	13.19	-	-
3/16	3/16	3/8	2	101269	12.53	102549	15.15
7/32	1/4	7/16	2	101270	14.17	102551	18.32
1/4	1/4	1/2	2	101271	13.97	102553	18.11
5/16	5/16	1/2	2	101272	19.12	102555	25.02
3/8	3/8	5/8	2	101273	23.62	102557	29.51
7/16	7/16	5/8	2-1/2	101274	29.20	102559	38.50
1/2	1/2	5/8	2-1/2	101275	38.94	102561	48.25
5/8	5/8	3/4	3	101276	74.44	102563	85.24
3/4	3/4	1	3	101277	107.07	102565	119.98
Metric							
1	3	2	39	101690	11.57	102567	14.24
1.5	3	3	39	101691	11.57	102569	14.24
2	3	4	39	101692	10.72	102570	13.37
2.5	3	5	39	101693	10.15	102571	12.81
3	3	6	39	101694	9.38	102572	12.03
3.5	4	7	51	101695	13.87	102573	16.52
4	4	8	51	101696	13.15	102574	15.81
4.5	5	9	51	101697	16.10	-	-
5	5	10	51	101698	15.36	-	-
6	6	12	51	101699	14.73	102577	18.85
7	8	12	51	101700	19.14	102578	25.04
8	8	12	51	101701	20.10	102579	26.02
10	10	14	51	101703	27.44	102583	34.14
11	11	16	64	101704	32.07	-	-
12	12	16	64	101705	40.98	-	-

4-Flute Long Length Carbide End Mills

Long length end mills combine added flute and overall length for greater reach when deep slotting or milling. These end mills have the capability to mill thicker material in one pass, eliminating the interrupted cut that may be present with regular length end mills.



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Cutting Dia.	Shank Dia.	Flute Length	Overall Length	Bright Code No.	Price \$	TiAlN Code No.	Price \$
Inch							
1/8	1/8	3/4	2-1/4	102981	14.92	102922	15.72
3/16	3/16	3/4	2-1/4	102982	16.00	102924	16.84
1/4	1/4	1-1/8	3	102983	25.81	102926	31.29
5/16	5/16	1-1/8	3	102984	31.85	102928	40.06
3/8	3/8	1-1/8	3	102985	35.85	102930	44.05
7/16	7/16	2	4	102986	54.18	102932	66.22
1/2	1/2	2	4	102987	57.62	102934	69.67
5/8	5/8	2-1/4	5	102988	118.75	102936	138.75
3/4	3/4	2-1/4	5	102989	171.41	102938	180.44
1	1	2-1/4	5	102990	255.40	102940	268.85
Metric							
3	3	19	57	101600	12.53	102901	23.91
4	4	19	57	101601	13.15	102903	25.87
5	5	25	64	101602	23.47	102905	28.91
6	6	28	76	101603	27.19	102907	32.64
8	8	29	76	101604	33.55	102909	41.72
10	10	32	76	101605	38.91	102911	48.22
12	12	51	102	101606	61.10	102913	73.13
14	14	57	127	101607	83.88	102915	129.35
18	18	57	127	101609	178.55	102919	201.69
20	20	57	127	101610	199.28	102917	229.35
25	25	57	127	101611	307.09	-	-

4-Flute Extra Long Length Carbide End Mills

Extra long length end mills combine added flute and overall length for greater reach when deep slotting or milling. These end mills have the capability to mill much thicker material in a single pass, thereby eliminating the interrupted cut that may be present with regular length end mills.



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Cutting Dia.	Shank Dia.	Flute Length	Overall Length	Bright Code No.	Price \$	TiAlN Code No.	Price \$
Inch							
1/8	1/8	1	3	102450	20.21	102550	23.45
3/16	3/16	1-1/8	3	102452	22.29	102552	26.42
1/4	1/4	1-1/2	4	102454	27.26	102554	33.65
5/16	5/16	1-5/8	4	102456	35.57	102556	45.95
3/8	3/8	1-3/4	4	102458	39.36	102558	49.77
7/16	7/16	3	6	102460	72.01	102560	88.96
1/2	1/2	3	6	102462	83.31	102562	100.25
5/8	5/8	3	6	102464	118.75	102564	138.75
3/4	3/4	3	6	102466	189.18	102566	212.31
1	1	3	6	102468	321.61	102568	351.65

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Images are representational only and may not reflect actual product.

Tolerances - Inch

Size	Diameter	Shank Diameter
3/32 thru 1"	+0.000"-0.002"	+0.0000"-0.0005"

Tolerances - Metric

Size	Diameter	Shank Diameter
1mm-25mm	+0.000mm-0.051mm	+0.000mm-0.013mm

Steel

Stainless Steel

Cast Iron/Hardened

Aluminum