

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. A32
TiAlN: Speeds & Feeds > P. A35

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	14.56	102540	18.07
3/64	1/8	3/32	1-1/2	101261	14.56	102541	18.07
1/16	1/8	1/8	1-1/2	101262	13.51	102542	17.04
5/64	1/8	5/32	1-1/2	101263	13.51	102543	17.04
3/32	1/8	3/16	1-1/2	101264	12.78	102544	16.28
7/64	1/8	7/32	1-1/2	101265	12.78	102545	16.28
1/8	1/8	1/4	1-1/2	101266	11.79	102546	15.30
9/64	3/16	9/32	2	101267	17.44	102547	20.94
5/32	3/16	5/16	2	101268	17.44	-	-
3/16	3/16	3/8	2	101269	16.55	102549	20.02
7/32	1/4	7/16	2	101270	18.74	102551	24.22
1/4	1/4	1/2	2	101271	18.47	102553	23.95
5/16	5/16	1/2	2	101272	25.28	102555	33.07
3/8	3/8	5/8	2	101273	31.22	102557	39.01
7/16	7/16	5/8	2-1/2	101274	38.60	102559	50.90
1/2	1/2	5/8	2-1/2	101275	51.49	102561	63.79
5/8	5/8	3/4	3	101276	98.41	102563	112.68
3/4	3/4	1	3	101277	141.54	102565	158.62
Metric							
1	3	2	39	101690	15.30	102567	18.83
1.5	3	3	39	101691	15.30	102569	18.83
2	3	4	39	101692	14.17	102570	17.67
2.5	3	5	39	101693	13.41	102571	16.94
3	3	6	39	101694	12.39	102572	15.91
3.5	4	7	51	101695	18.33	102573	21.84
4	4	8	51	101696	17.40	102574	20.90
4.5	5	9	51	101697	21.28	-	-
5	5	10	51	101698	20.29	-	-
6	6	12	51	101699	19.47	102577	24.92
7	8	12	51	101700	25.31	102578	33.10
8	8	12	51	101701	26.56	102579	34.39
10	10	14	51	101703	36.28	102583	45.12
11	11	16	64	101704	42.41	-	-
12	12	16	64	101705	54.18	-	-

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	19.73	102922	20.78
3/16	3/16	3/4	2-1/4	102982	21.16	102924	22.27
1/4	1/4	1-1/8	3	102983	34.12	102926	41.36
5/16	5/16	1-1/8	3	102984	42.12	102928	52.95
3/8	3/8	1-1/8	3	102985	47.39	102930	58.24
7/16	7/16	2	4	102986	71.62	102932	87.54
1/2	1/2	2	4	102987	76.18	102934	92.10
5/8	5/8	2-1/4	5	102988	156.99	102936	183.42
3/4	3/4	2-1/4	5	102989	226.62	102938	238.55
1	1	2-1/4	5	102990	337.64	102940	355.42
Metric							
3	3	19	57	101600	16.55	102901	31.61
4	4	19	57	101601	17.40	102903	34.20
5	5	25	64	101602	31.02	102905	38.22
6	6	28	76	101603	35.95	102907	43.14
8	8	29	76	101604	44.36	102909	55.16
10	10	32	76	101605	51.44	102911	63.75
12	12	51	102	101606	80.77	102913	96.69
14	14	57	127	101607	110.89	102915	171.00
18	18	57	127	101609	236.05	102919	266.64
20	20	57	127	101610	263.46	102917	303.20
25	25	57	127	101611	405.97	-	-

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	26.72	102550	30.99
3/16	3/16	1-1/8	3	102452	29.47	102552	34.94
1/4	1/4	1-1/2	4	102454	36.04	102554	44.50
5/16	5/16	1-5/8	4	102456	47.03	102556	60.75
3/8	3/8	1-3/4	4	102458	52.03	102558	65.80
7/16	7/16	3	6	102460	95.20	102560	117.61
1/2	1/2	3	6	102462	110.14	102562	132.53
5/8	5/8	3	6	102464	156.99	102564	183.42
3/4	3/4	3	6	102466	250.09	102566	280.69
1	1	3	6	102468	425.18	102568	464.89

Tolerances - Inch

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

Coolant Hoses

See Pages I8-13

