

2-Flute Ball Nose Stub Length

This series has added strength and stability with the same geometry of our standard length series. Stub end mills are specifically designed for shallow milling, contour milling and slotting.

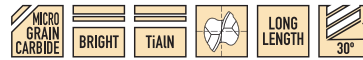


Bright: Speeds & Feeds > P. A32
TiAlN: Speeds & Feeds > P. A35

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	101240	16.23	102197	19.33
3/64	1/8	3/32	1-1/2	101241	16.23	102198	19.33
1/16	1/8	1/8	1-1/2	101242	11.96	102199	13.07
5/64	1/8	5/32	1-1/2	101243	12.59	102201	15.65
3/32	1/8	3/16	1-1/2	101244	11.30	102239	14.36
7/64	1/8	7/32	1-1/2	101245	11.87	102241	14.97
1/8	1/8	1/4	1-1/2	101246	11.01	102243	14.08
9/64	3/16	9/32	2	101247	16.20	102245	19.30
5/32	3/16	5/16	2	101248	15.41	102247	18.48
3/16	3/16	3/8	2	101249	14.63	102249	17.70
7/32	1/4	7/16	2	101250	19.40	102251	24.20
1/4	1/4	1/2	2	101251	19.08	102252	23.91
5/16	5/16	1/2	2	101252	26.11	102253	32.96
3/8	3/8	5/8	2	101253	32.25	102254	39.09
7/16	7/16	5/8	2-1/2	101254	39.88	102255	50.72
1/2	1/2	5/8	2-1/2	101255	53.20	102256	63.99
5/8	5/8	3/4	3	101256	105.10	102257	99.00
3/4	3/4	1	3	101257	146.33	102258	161.35
Metric							
1	3	2	39	101670	17.05	102259	20.13
1.5	3	3	39	101671	17.05	102261	20.13
2	3	4	39	101672	12.59	102263	15.65
2.5	3	5	39	101673	11.87	-	-
3	3	6	39	101674	11.57	102267	14.65
3.5	4	7	51	101675	16.20	102269	19.30
4	4	8	51	101676	15.40	102271	18.46
4.5	5	9	51	101677	20.37	-	-
5	5	10	51	101678	19.18	102275	23.97
6	6	12	51	101679	20.13	102277	24.92
7	8	12	51	101680	26.34	102279	33.21
8	8	12	51	101681	27.49	102281	34.34
9	10	14	51	101682	33.94	-	-
10	10	14	51	101683	37.51	102285	45.28
11	11	16	64	101684	55.97	-	-
12	12	16	64	101685	55.97	-	-

2-Flute Ball Nose Long Length

Long length end mills combine added flute and overall lengths 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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Inch							
1/8	1/8	3/4	2-1/4	102971	17.89	102780	18.79
3/16	3/16	3/4	2-1/2	102972	17.51	102782	19.56
1/4	1/4	1-1/8	3	102973	35.25	102784	41.63
5/16	5/16	1-1/8	3	102974	43.54	102786	53.08
3/8	3/8	1-1/8	3	102975	42.61	102788	58.50
7/16	7/16	2	4	102976	74.01	102790	88.06
1/2	1/2	2	4	102977	65.74	102792	89.62
5/8	5/8	2-1/4	5	102978	157.46	102794	180.65
3/4	3/4	2-1/4	5	102979	258.38	102796	285.26
1	1	2-1/4	5	102980	328.21	102798	345.48
Metric							
3	3	19	57	101580	29.06	102085	32.13
4	4	19	57	101581	29.69	102086	34.48
5	5	25	64	101582	32.06	102087	38.40
6	6	28	76	101583	37.11	102089	43.44
8	8	29	76	101584	45.84	-	-
10	10	32	76	101585	69.40	-	-
12	12	51	102	101586	79.67	-	-
14	14	57	127	101587	149.42	-	-
16	16	57	127	101588	157.44	-	-
18	18	57	127	101589	242.19	-	-
20	20	57	127	101590	266.27	-	-
25	25	57	127	101591	422.52	-	-

2-Flute Ball Nose Double End Stub Length

These end mills offer the same tool geometry as the single end stub end mill, but with two cutters in one tool.



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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	101331	27.00	102291	31.64
3/64	1/8	3/32	1-1/2	101332	27.00	102293	31.64
1/16	1/8	1/8	1-1/2	101333	27.00	102295	31.64
3/32	1/8	3/16	1-1/2	101334	27.00	102297	31.64
1/8	1/8	1/4	1-1/2	101335	16.74	102299	21.38
5/32	3/16	5/16	2	101336	29.76	102323	34.40
3/16	3/16	3/8	2	101337	24.32	102324	28.95
7/32	1/4	1/2	2-1/2	101338	31.64	102325	41.16
1/4	1/4	1/2	2-1/2	101339	31.64	102326	41.16
5/16	5/16	1/2	2-1/2	101351	43.54	102327	53.62
3/8	3/8	1/2	2-1/2	101352	49.00	102328	56.12
7/16	7/16	9/16	2-3/4	101353	74.01	102329	87.39
1/2	1/2	5/8	3	101354	75.60	102331	87.39

2-Flute Ball Nose Double End Regular Length

With maximum chip clearance, 2-flute ball nose end mills are ideal for milling, sinking, profiling or slotting various steels, non-ferrous materials, cast iron or highly abrasive materials.



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Inch							
1/8	3/8	3/8	3-1/16	101320	53.08	102333	67.32
5/32	3/8	7/16	3-1/8	101321	53.08	102335	67.32
3/16	3/8	1/2	3-1/4	101322	53.08	102337	67.32
7/32	3/8	9/16	3-3/8	101323	53.08	102339	67.32
1/4	3/8	5/8	3-3/8	101324	53.08	102341	67.32
9/32	3/8	11/16	3-3/8	101325	53.75	102343	79.06
5/16	3/8	3/4	3-1/2	101326	53.75	102345	79.06
11/32	3/8	3/4	3-1/2	101327	53.75	102347	79.06
3/8	3/8	3/4	3-1/2	101328	53.75	102349	79.06
7/16	1/2	7/8	4	101329	74.01	-	-
1/2	1/2	1	4	101330	75.60	102352	89.62