

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. A33
TiAlN: Speeds & Feeds > P. A36

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	18.47	102197	22.00
3/64	1/8	3/32	1-1/2	101241	18.47	102198	22.00
1/16	1/8	1/8	1-1/2	101242	13.62	102199	17.11
5/64	1/8	5/32	1-1/2	101243	14.33	102201	17.83
3/32	1/8	3/16	1-1/2	101244	12.85	102239	16.36
7/64	1/8	7/32	1-1/2	101245	13.51	102241	17.04
1/8	1/8	1/4	1-1/2	101246	12.52	102243	16.03
9/64	3/16	9/32	2	101247	18.44	102245	21.96
5/32	3/16	5/16	2	101248	17.54	102247	21.03
3/16	3/16	3/8	2	101249	16.64	102249	20.15
7/32	1/4	7/16	2	101250	22.07	102251	27.54
1/4	1/4	1/2	2	101251	21.71	102252	27.21
5/16	5/16	1/2	2	101252	29.71	102253	37.50
3/8	3/8	5/8	2	101253	36.70	102254	44.50
7/16	7/16	5/8	2-1/2	101254	45.41	102255	57.71
1/2	1/2	5/8	2-1/2	101255	60.54	102256	72.83
5/8	5/8	3/4	3	101256	119.63	102257	112.68
3/4	3/4	1	3	101257	166.55	102258	183.65
Metric							
1	3	2	39	101670	19.83	102259	23.42
1.5	3	3	39	101671	19.83	102261	23.42
2	3	4	39	101672	14.64	102263	18.22
2.5	3	5	39	101673	13.81	-	-
3	3	6	39	101674	13.46	102267	17.04
3.5	4	7	51	101675	18.85	102269	22.43
4	4	8	51	101676	17.91	102271	21.48
4.5	5	9	51	101677	23.68	-	-
5	5	10	51	101678	22.30	102275	27.87
6	6	12	51	101679	23.42	102277	28.98
7	8	12	51	101680	30.63	102279	38.63
8	8	12	51	101681	31.97	102281	39.93
9	10	14	51	101682	39.48	-	-
10	10	14	51	101683	43.64	102285	52.66
11	11	16	64	101684	65.10	-	-
12	12	16	64	101685	65.10	-	-

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.



Bright: Speeds & Feeds > P. A33
TiAlN: Speeds & Feeds > P. A36

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	102971	20.37	102780	21.39
3/16	3/16	3/4	2-1/2	102972	19.94	102782	22.27
1/4	1/4	1-1/8	3	102973	40.13	102784	47.37
5/16	5/16	1-1/8	3	102974	49.57	102786	60.41
3/8	3/8	1-1/8	3	102975	55.76	102788	66.59
7/16	7/16	2	4	102976	84.23	102790	100.22
1/2	1/2	2	4	102977	86.05	102792	102.00
5/8	5/8	2-1/4	5	102978	179.21	102794	205.62
3/4	3/4	2-1/4	5	102979	294.10	102796	324.68
1	1	2-1/4	5	102980	373.56	102798	393.23
Metric							
3	3	19	57	101580	33.80	102085	37.38
4	4	19	57	101581	34.53	102086	40.11
5	5	25	64	101582	37.29	102087	44.66
6	6	28	76	101583	43.17	102089	50.53
8	8	29	76	101584	53.32	-	-
10	10	32	76	101585	80.71	-	-
12	12	51	102	101586	92.66	-	-
14	14	57	127	101587	173.80	-	-
16	16	57	127	101588	183.11	-	-
18	18	57	127	101589	281.69	-	-
20	20	57	127	101590	309.73	-	-
25	25	57	127	101591	491.47	-	-

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.



Bright: Speeds & Feeds > P. A33
TiAlN: Speeds & Feeds > P. A36

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	25.13	102291	36.80
3/64	1/8	3/32	1-1/2	101332	25.13	102293	29.44
1/16	1/8	1/8	1-1/2	101333	25.13	102295	29.44
3/32	1/8	3/16	1-1/2	101334	25.13	102297	29.44
1/8	1/8	1/4	1-1/2	101335	19.49	102299	24.87
5/32	3/16	5/16	2	101336	34.62	102323	39.99
3/16	3/16	3/8	2	101337	28.29	102324	33.66
7/32	1/4	1/2	2-1/2	101338	29.44	102325	47.87
1/4	1/4	1/2	2-1/2	101339	36.80	102326	38.30
5/16	5/16	1/2	2-1/2	101351	50.66	102327	49.90
3/8	3/8	1/2	2-1/2	101352	45.59	102328	65.28
7/16	7/16	9/16	2-3/4	101353	68.87	102329	101.65
1/2	1/2	5/8	3	101354	70.35	102331	81.32

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.



Bright: Speeds & Feeds > P. A33
TiAlN: Speeds & Feeds > P. A36

Cutting Dia.	Shank Dia.	Flute Length	Overall Length	Bright Code No.	Price \$	TiAlN Code No.	Price \$
Inch							
1/8	3/8	3/8	3-1/16	101320	61.73	102333	78.31
5/32	3/8	7/16	3-1/8	101321	49.38	102335	78.31
3/16	3/8	1/2	3-1/4	101322	61.73	102337	78.31
7/32	3/8	9/16	3-3/8	101323	49.38	102339	78.31
1/4	3/8	5/8	3-3/8	101324	49.38	102341	78.31
9/32	3/8	11/16	3-3/8	101325	62.53	102343	91.97
5/16	3/8	3/4	3-1/2	101326	50.03	102345	91.97
11/32	3/8	3/4	3-1/2	101327	62.53	102347	91.97
3/8	3/8	3/4	3-1/2	101328	62.53	102349	91.97
7/16	1/2	7/8	4	101329	68.87	-	-
1/2	1/2	1	4	101330	87.93	102352	104.24