

## ANSI STRAIGHT SHANK END MILLS

- Manufacturing process: milled, fully ground
- Spiral angle: 30°
- Flutes: 2 flutes Type: ball nose
- Material: HSS or HSS-Co
- Finish: bright, TiN, TiALN
- Diameter: 9/64-63/64inch



D	d	FL	OAL
9/64	2 5/16	7/16	3/8
5/32	2 5/16	7/16	3/8
11/64	2 5/16	7/16	3/8
13/64	2 5/16	1/2	3/8
7/32	2 5/16	1/2	3/8
15/64	2 5/16	1/2	3/8
17/64	2 5/16	9/16	3/8
9/32	2 5/16	9/16	3/8
19/64	2 5/16	9/16	3/8
5/16	2 5/16	9/16	3/8
21/64	2 5/16	9/16	3/8
11/32	2 5/16	9/16	3/8
23/64	2 5/16	9/16	3/8
25/64	2 1/2	13/16	3/8
13/32	2 1/2	13/16	3/8
27/64	2 1/2	13/16	3/8
29/64	2 1/2	13/16	3/8
15/32	2 1/2	13/16	3/8
31/64	2 1/2	13/16	3/8
29/64	3	1	1/2
15/32	3	1	1/2
31/64	3	1	1/2
33/64	3 1/8	1 1/8	1/2
17/32	3 1/8	1 1/8	1/2
35/64	3 1/8	1 1/8	1/2
37/64	3 1/8	1 1/8	1/2
19/32	3 1/8	1 1/8	1/2
39/64	3 1/8	1 1/8	1/2
41/64	3 5/16	1 15/16	1/2
21/32	3 5/16	1 15/16	1/2
43/64	3 5/16	1 15/16	1/2
45/64	3 5/16	1 15/16	1/2
23/32	3 5/16	1 15/16	1/2
47/64	3 5/16	1 15/16	1/2
37/64	3 7/16	1 15/16	5/8

D	d	FL	OAL
19/32	3 7/16	1 15/16	5/8
39/64	3 7/16	1 15/16	5/8
41/64	3 7/16	1 15/16	5/8
21/32	3 7/16	1 15/16	5/8
43/64	3 7/16	1 15/16	5/8
45/64	3 7/16	1 15/16	5/8
23/32	3 7/16	1 15/16	5/8
47/64	3 7/16	1 15/16	5/8
49/64	3 5/8	1 1/2	5/8
25/32	3 5/8	1 1/2	5/8
51/64	3 5/8	1 1/2	5/8
53/64	3 5/8	1 1/2	5/8
27/32	3 5/8	1 1/2	5/8
55/64	3 5/8	1 1/2	5/8
57/64	3 5/8	1 1/2	5/8
29/32	3 5/8	1 1/2	5/8
59/64	3 5/8	1 1/2	5/8
15/16	3 5/8	1 1/2	5/8
61/64	3 5/8	1 1/2	5/8
31/32	3 5/8	1 1/2	5/8
63/64	3 5/8	1 1/2	5/8
53/64	3 3/4	1 1/2	7/8
27/32	3 3/4	1 1/2	7/8
55/64	3 3/4	1 1/2	7/8
57/64	3 3/4	1 1/2	7/8
29/32	3 3/4	1 1/2	7/8
59/64	3 3/4	1 1/2	7/8
15/16	3 3/4	1 1/2	7/8
61/64	3 3/4	1 1/2	7/8
31/32	3 3/4	1 1/2	7/8
63/64	3 3/4	1 1/2	7/8
61/64	4 1/8	1 5/8	1
31/32	4 1/8	1 5/8	1
63/64	4 1/8	1 5/8	1