

## End Mills

Micrograin Solid Carbide – Uncoated & TiAlN Coated – 2 Flute – Ball Nose

Regular Length



Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Uncoated	TiAlN Coated	Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Uncoated	TiAlN Coated
				Code	Code					Code	Code
1/32	1/8	3/32	1-1/2	933304	933540	5/16	5/16	13/16	2-1/2	933358	933594
3/64	1/8	1/8	1-1/2	933307	933543	21/64	3/8	7/8	2-1/2	933361	933597
1/16	1/8	3/16	1-1/2	933310	933546	11/32	3/8	7/8	2-1/2	933364	933600
5/64	1/8	3/16	1-1/2	933313	933549	23/64	3/8	7/8	2-1/2	933367	933603
3/32	1/8	3/8	1-1/2	933316	933552	3/8	3/8	7/8	2-1/2	933370	933606
7/64	1/8	3/8	1-1/2	933319	933555	25/64	7/16	1	2-3/4	933373	933609
1/8	1/8	1/2	1-1/2	933322	933558	13/32	7/16	1	2-3/4	933376	933612
9/64	3/16	9/16	2	933325	933561	27/64	7/16	1	2-3/4	933379	933615
5/32	3/16	9/16	2	933328	933564	7/16	7/16	1	2-3/4	933382	933618
11/64	3/16	5/8	2	933331	933567	29/64	1/2	1	3	933385	933621
3/16	3/16	5/8	2	933334	933570	15/32	1/2	1	3	933388	933624
13/64	1/4	5/8	2-1/2	933337	933573	31/64	1/2	1	3	933391	933627
7/32	1/4	5/8	2-1/2	933340	933576	1/2	1/2	1	3	933394	933630
15/64	1/4	3/4	2-1/2	933343	933579	9/16	9/16	1-1/4	3	933397	933633
1/4	1/4	3/4	2-1/2	933346	933582	5/8	5/8	1-1/4	3-1/2	933400	933636
17/64	5/16	3/4	2-1/2	933349	933585	11/16	3/4	1-1/2	4	933403	933639
9/32	5/16	3/4	2-1/2	933352	933588	3/4	3/4	1-1/2	4	933406	933642
19/64	5/16	13/16	2-1/2	933355	933591	7/8	7/8	1-1/2	4	933409	933645
						1	1	1-1/2	4	933412	933648

Metric – Regular Length



Cutter Diameter (mm)	Shank Diameter (mm)	Length of Cut (mm)	Overall Length (mm)	Uncoated
				Code
1.0	3.0	4.0	38.0	934446
1.5	3.0	4.5	38.0	934449
2.0	3.0	6.0	38.0	934452
2.5	3.0	8.0	38.0	934455
3.0	3.0	10.0	38.0	934458
3.5	4.0	12.0	50.0	934461
4.0	4.0	12.0	50.0	934464
4.5	5.0	14.0	50.0	934467
5.0	5.0	15.0	50.0	934470
6.0	6.0	18.0	63.0	934473
7.0	8.0	20.0	63.0	934476
8.0	8.0	20.0	63.0	934479
9.0	10.0	22.0	63.0	934482
10.0	10.0	22.0	63.0	934485
11.0	12.0	25.0	75.0	934488
12.0	12.0	25.0	75.0	934491
14.0	14.0	25.0	75.0	934494
16.0	16.0	32.0	90.0	934497
18.0	18.0	32.0	100.0	934500
20.0	20.0	38.0	100.0	934503
22.0	22.0	38.0	102.0	934506
25.0	25.0	38.0	100.0	934509

Stub Length



Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Uncoated
				Code
1/32	1/8	5/64	1-1/2	932140
3/64	1/8	3/32	1-1/2	932143
1/16	1/8	1/8	1-1/2	932146
5/64	1/8	5/32	1-1/2	932149
3/32	1/8	3/16	1-1/2	932152
7/64	1/8	7/32	1-1/2	932155
1/8	1/8	1/4	1-1/2	932158
9/64	3/16	9/32	2	932161
5/32	3/16	5/16	2	932164
11/64	3/16	5/16	2	932167
3/16	3/16	3/8	2	932170
13/64	1/4	3/8	2	932173
7/32	1/4	7/16	2	932176
15/64	1/4	7/16	2	932179
1/4	1/4	1/2	2	932182
5/16	5/16	1/2	2	932185
3/8	3/8	5/8	2	932188
7/16	7/16	5/8	2-1/2	932191
1/2	1/2	5/8	2-1/2	932194
5/8	5/8	3/4	3	932197
3/4	3/4	1	3	932200