

End Mills

Micrograin Solid Carbide – Uncoated – 4 Flute – Ball Nose (continued)

Metric – Regular Length



Stub Length



Cutter Diameter (mm)	Shank Diameter (mm)	Length of Cut (mm)	Overall Length (mm)	Uncoated	
				Code	
1.0	3.0	4.0	38.0	934519	
1.5	3.0	4.5	38.0	934521	
2.0	3.0	6.0	38.0	934523	
2.5	3.0	8.0	38.0	934525	
3.0	3.0	10.0	38.0	934527	
3.5	4.0	12.0	50.0	934529	
4.0	4.0	12.0	50.0	934531	
4.5	5.0	14.0	50.0	934533	
5.0	5.0	15.0	50.0	934535	
6.0	6.0	18.0	63.0	934537	
7.0	8.0	20.0	63.0	934539	
8.0	8.0	20.0	63.0	934541	
9.0	10.0	22.0	63.0	934543	
10.0	10.0	22.0	63.0	934545	
11.0	12.0	25.0	75.0	934547	
12.0	12.0	25.0	75.0	934549	
14.0	14.0	25.0	75.0	934551	
16.0	16.0	32.0	90.0	934553	
18.0	18.0	32.0	100.0	934555	
20.0	20.0	38.0	100.0	934557	
25.0	25.0	38.0	100.0	934561	

Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Uncoated	
				Code	
1/32	1/8	5/64	1-1/2	932210	
3/64	1/8	3/32	1-1/2	932213	
1/16	1/8	1/8	1-1/2	932216	
5/64	1/8	5/32	1-1/2	932219	
3/32	1/8	3/16	1-1/2	932222	
7/64	1/8	7/32	1-1/2	932225	
1/8	1/8	1/4	1-1/2	932228	
9/64	3/16	9/32	2	932231	
5/32	3/16	5/16	2	932234	
11/64	3/16	5/16	2	932237	
3/16	3/16	3/8	2	932240	
13/64	1/4	3/8	2	932243	
7/32	1/4	7/16	2	932246	
15/64	1/4	7/16	2	932249	
1/4	1/4	1/2	2	932252	
5/16	5/16	1/2	2	932255	
3/8	3/8	5/8	2	932258	
7/16	7/16	5/8	2-1/2	932261	
1/2	1/2	5/8	2-1/2	932264	
5/8	5/8	3/4	3	932267	
3/4	3/4	1	3	932270	

END MILLS & ROUGHERS

End Mills



Micrograin Solid Carbide – Uncoated & TiAlN-Futura Coated – 4 Flute – Ball Nose



- Suitable for cutting hardened and high alloy steels, steel casting, chill casting, malleable cast iron, CrNi-steels, brass, copper, aluminum with a high percentage of silicon and abrasive plastics

Tolerance: 0/-0.0012

Long Length



Extra Long Length



Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Uncoated		TiAlN-Futura Coated	
				Code		Code	
1/8	1/8	3/4	2-1/4	932670		934600	
3/16	3/16	3/4	2-1/4	932673		934601	
1/4	1/4	1-1/8	3	932676		934907	
5/16	5/16	1-1/8	3	932679		934603	
3/8	3/8	1-1/8	3	932682		934604	
7/16	7/16	2	4	932685		934605	
1/2	1/2	2	4	932688		934606	
5/8	5/8	2-1/4	5	932691		934607	
3/4	3/4	2-1/4	5	932694		934608	
1	1	2-1/4	5	932697		934609	

Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Uncoated	
				Code	
1/8	1/8	1	3	932818	
3/16	3/16	1-1/8	3	932821	
1/4	1/4	1-1/2	4	932824	
5/16	5/16	1-5/8	4	932827	
3/8	3/8	1-3/4	4	932830	
7/16	7/16	3	6	932833	
1/2	1/2	3	6	932836	
5/8	5/8	3	6	932839	
3/4	3/4	3	6	932842	
1	1	3	6	932845	