



End Mills

Micrograin Solid Carbide – Uncoated & TiAlN-Futura Coated – 4 Flute – Center Cut



- 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	Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Uncoated	TiAlN-Futura Coated
				Code	Code					Code	Code
1/8	1/8	3/4	2-1/4	932892	934580	1/8	1/8	1	3	932744	934620
3/16	3/16	3/4	2-1/4	932895	934900	3/16	3/16	1-1/8	3	932747	934911
1/4	1/4	1-1/8	3	932898	934582	1/4	1/4	1-1/2	4	932750	934622
5/16	5/16	1-1/8	3	932901	934583	5/16	5/16	1-5/8	4	932753	934623
3/8	3/8	1-1/8	3	932904	934901	3/8	3/8	1-3/4	4	932756	934912
7/16	7/16	2	4	932907	934585	7/16	7/16	3	6	932759	934625
1/2	1/2	2	4	932910	934586	1/2	1/2	3	6	932762	934626
5/8	5/8	2-1/4	5	932913	934902	5/8	5/8	3	6	932765	934913
3/4	3/4	2-1/4	5	932916	934588	3/4	3/4	3	6	932768	934628
1	1	2-1/4	5	932919	934589	1	1	3	6	932771	934629

End Mills

Micrograin Solid Carbide – Uncoated & TiAlN Coated – 4 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	933422	933658	5/16	5/16	13/16	2-1/2	933476	933712
3/64	1/8	1/8	1-1/2	933425	933661	21/64	3/8	7/8	2-1/2	933479	933715
1/16	1/8	3/16	1-1/2	933428	933664	11/32	3/8	7/8	2-1/2	933482	933718
5/64	1/8	3/16	1-1/2	933431	933667	23/64	3/8	7/8	2-1/2	933485	933721
3/32	1/8	3/8	1-1/2	933434	933670	3/8	3/8	7/8	2-1/2	933488	933724
7/64	1/8	3/8	1-1/2	933437	933673	25/64	7/16	1	2-3/4	933491	933727
1/8	1/8	1/2	1-1/2	933440	933676	13/32	7/16	1	2-3/4	933494	933730
9/64	3/16	9/16	2	933443	933679	27/64	7/16	1	2-3/4	933497	933733
5/32	3/16	9/16	2	933446	933682	7/16	7/16	1	2-3/4	933500	933736
11/64	3/16	5/8	2	933449	933685	29/64	1/2	1	3	933503	933739
3/16	3/16	5/8	2	933452	933688	15/32	1/2	1	3	933506	933742
13/64	1/4	5/8	2-1/2	933455	933691	31/64	1/2	1	3	933509	933745
7/32	1/4	5/8	2-1/2	933458	933694	1/2	1/2	1	3	933512	933748
15/64	1/4	3/4	2-1/2	933461	933697	9/16	9/16	1-1/4	3	933515	933751
1/4	1/4	3/4	2-1/2	933464	933700	5/8	5/8	1-1/4	3-1/2	933518	933754
17/64	5/16	3/4	2-1/2	933467	933703	11/16	3/4	1-1/2	4	933521	933757
9/32	5/16	3/4	2-1/2	933470	933706	3/4	3/4	1-1/2	4	933524	933760
19/64	5/16	13/16	2-1/2	933473	933709	7/8	7/8	1-1/2	4	933527	933763
						1	1	1-1/2	4	933530	933766