

## End Mills

### Micrograin Solid Carbide - TiAlN-FUTURA Coated 4 Flute - Single Ball End - Extra Long Length - Plain Shank



Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Ball End Radius (Inch)	Code	Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Ball End Radius (Inch)	Code
1/8	1/8	1	3	0.0008	934640	7/16	7/16	3	6	0.0008	934645
3/16	3/16	1-1/8	3	0.0008	934641	1/2	1/2	3	6	0.0008	934646
1/4	1/4	1-1/2	4	0.0008	934642	5/8	5/8	3	6	0.0008	934647
5/16	5/16	1-5/8	4	0.0008	934643	3/4	3/4	3	6	0.0008	934648
3/8	3/8	1-3/4	4	0.0008	934644	1	1	3	6	0.0008	934649

### Micrograin Solid Carbide

#### 4 Flute - Double End - Center Cut - Regular Length



Tolerance of Cutting Diameter 0/-0.0012

- Designed for slotting, drilling, pocketing and general operation
- 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

Diameter (Inch)	Shank Diameter (Inch)	Flute Length (Inch)	Overall Length (Inch)	Code	Diameter (Inch)	Shank Diameter (Inch)	Flute Length (Inch)	Overall Length (Inch)	Code
1/8	3/8	3/8	3-1/16	935000	5/16	3/8	3/4	3-1/2	935018
5/32	3/8	7/16	3-1/8	935003	11/32	3/8	3/4	3-1/2	935021
3/16	3/8	1/2	3-1/4	935006	3/8	3/8	3/4	3-1/2	935024
7/32	3/8	9/16	3-3/8	935009	7/16	1/2	7/8	4	935027
1/4	3/8	5/8	3-3/8	935012	1/2	1/2	1	4	935030
9/32	3/8	11/16	3-3/8	935015					

### Micrograin Solid Carbide - TiAlN-FUTURA Coated

#### 4 Flute - Double End - Regular Length - Plain Shank



Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Code	Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Code
1/8	3/8	3/8	3-1/16	935537	5/16	3/8	3/4	3-1/2	935555
5/32	3/8	7/16	3-1/8	935540	11/32	3/8	3/4	3-1/2	935558
3/16	3/8	1/2	3-1/4	935543	3/8	3/8	3/4	3-1/2	935561
7/32	3/8	9/16	3-3/8	935546	7/16	1/2	7/8	4	935564
1/4	3/8	5/8	3-3/8	935549	1/2	1/2	1	4	935567
9/32	3/8	11/16	3-3/8	935552					