

# End Mills • High Performance

## List #741 Microplus Regular Length Four Flute Ball Nose Carbide End Mill



Substrate - Carbide  
 Length - Regular  
 Number of Flutes - 4  
 End Work - Ball Nose  
 Surface Treatment - Bright, TiN  
 Rougher/Finisher - Finisher  
 Double or Single End - Single End



### Features:

- Multi-flutes for smoother finish
- Radius for contouring part surfaces
- Sub-micron grain carbide for maximum strength
- Higher radial rake angles
- Plunge and side cutting

For coatings performance and application information, see page 4.

Diam. of Mill	Decimal Equiv.	Metric Equiv.	Overall Length	Length of Cut	Shank Diam.	• EDP Number •		
						Bright	TiN	TiCN
1/16	.0625	1.59	1-1/2	3/16	1/8	C53947	C40780	
3/32	.0938	2.38	1-1/2	9/32	1/8	C53948	C40781	
1/8	.125	3.18	1-1/2	3/8	1/8	C53949	C40782	
5/32	.1562	3.97	2	1/2	3/16	C53950	C40783	
3/16	.1875	4.76	2	9/16	3/16	C53951	C40784	
7/32	.2188	5.56	2-1/2	5/8	1/4	C53952	C40785	

Diam. of Mill	Decimal Equiv.	Metric Equiv.	Overall Length	Length of Cut	Shank Diam.	• EDP Number •		
						Bright	TiN	TiCN
1/4	.25	6.35	2-1/2	3/4	1/4	C53953	C40786	
9/32	.2812	7.14	2-1/2	3/4	5/16	C53954	C40787	
5/16	.3125	7.94	2-1/2	13/16	5/16	C53955	C40788	
3/8	.375	9.53	2-1/2	7/8	3/8	C53956	C40789	
7/16	.4375	11.11	2-3/4	1	7/16	C53957	C40790	
1/2	.5	12.70	3	1	1/2	C53958	C40791	

## List #742 Microplus Double End Regular Length Four Flute Carbide End



Substrate - Carbide  
 Length - Regular  
 Number of Flutes - 4  
 End Work - Center Cutting  
 Surface Treatment - Bright  
 Rougher/Finisher - Finisher  
 Double or Single End - Double End



### Features:

- Four flute for smoother finish
- Double end reduces tool cost and down time
- Sub-micron grain carbide for maximum strength
- Higher radial rake angles
- Heavier feed rates

Diam. of Mill	Decimal Equiv.	Metric Equiv.	Overall Length	Length of Cut	Shank Diam.	• EDP Number •		
						Bright	TiN	TiCN
1/8	.125	3.18	3-1/16	3/8	3/8	C53902		
5/32	.1562	3.97	3-1/8	7/16	3/8	C53903		
3/16	.1875	4.76	3-1/4	1/2	3/8	C53904		
7/32	.2188	5.56	3-3/8	9/16	3/8	C53905		
1/4	.25	6.35	3-3/8	5/8	3/8	C53906		
9/32	.2812	7.14	3-3/8	11/16	3/8	C53907		

Diam. of Mill	Decimal Equiv.	Metric Equiv.	Overall Length	Length of Cut	Shank Diam.	• EDP Number •		
						Bright	TiN	TiCN
5/16	.3125	7.94	3-1/2	3/4	3/8	C53908		
11/32	.3438	8.73	3-1/2	3/4	3/8	C53909		
3/8	.375	9.53	3-1/2	3/4	3/8	C53910		
7/16	.4375	11.11	4	7/8	1/2	C53911		
1/2	.5	12.70	4	1	1/2	C53912		