

# General-Purpose End Mills — Single End



Series CG-4

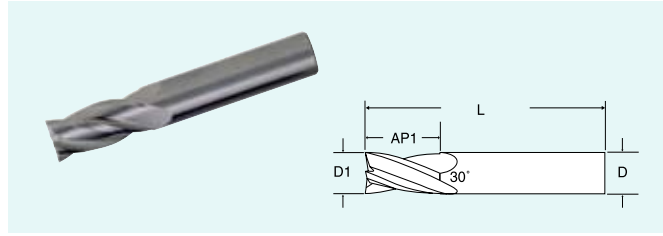
SOLID CARBIDE END MILLS

## Series CG-4

### Features

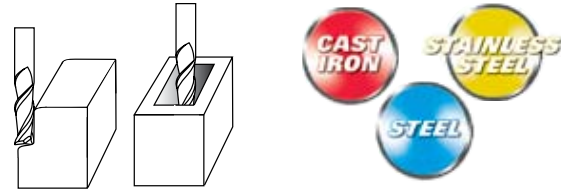
- 4-flute, 30° right-hand spiral, right-hand cut
- Center cutting
- 10% cobalt submicron grain carbide substrate
- Uncoated and specific sizes of TiN coated, TiCN coated and TiAlN coated standard; others available as a modification

Old List Numbers 155-47, 161-47, 162-47, 163-47



### Applications

- Most commonly used in profiling and finishing applications.
- Stiffer construction results in minimal deflection.
- Four flutes provide good wear resistance for excellent size control.
- Feed and speed recommendations are listed on pages 12-13.



SOLID CARBIDE DRILLS

### Series CG-4 Offering

D1 inch	D inch	AP1 inch	L inch	Uncoated EDP No.	TiN Coated EDP No.	TiCN Coated EDP No.	TiAlN Coated EDP No.
1/64	1/8	1/32	1-1/2	M33372		M32904	
1/32	1/8	5/64	1-1/2	M33380		M32905	M32536
3/64	1/8	1/8	1-1/2	M33381			
1/16	1/8	1/8	1-1/2	M33382		M32924	M32546
1/16	1/8	3/16	1-1/2	M33390		M32925	M32556
1/16	1/8	1/2	2	M33391		M32934	
5/64	1/8	3/16	1-1/2	M33392			
3/32	1/8	3/16	1-1/2	M33400		M32945	
3/32	1/8	3/8	1-1/2	M33401		M32944	M32566
3/32	1/8	5/8	2	M33402		M32954	
7/64	1/8	3/8	1-1/2	M33410			
1/8	1/8	1/4	1-1/2	M33411	M30593	M32974	M32576
1/8	1/8	1/2	1-1/2	M33412	M30603	M32975	M32586
1/8	1/8	3/4	2-1/4	M33420		M32984	M32596
1/8	1/8	3/4	3	M33702		M31624	
1/8	1/8	1	3	M33421		M32985	M32606
9/64	3/16	9/16	2	M33422		M32994	
5/32	3/16	5/16	2	M33430		M33004	
5/32	3/16	9/16	2	M33431		M32995	M32616
11/64	3/16	5/8	2	M33432			
3/16	3/16	5/16	1-1/2	M33440	M30613	M33014	M32626
3/16	3/16	5/8	2	M33441	M30633	M33015	M32636
3/16	3/16	3/4	2-1/2	M33442		M33024	M32646
3/16	3/16	1	4	M33710		M31625	
3/16	3/16	1-1/8	3	M33450		M33025	
13/64	1/4	5/8	2-1/2	M33451			
7/32	1/4	7/16	2	M33452	M30643	M33044	
7/32	1/4	5/8	2-1/2	M33460	M30653	M33035	M32656
7/32	1/4	1-1/8	3	M33461		M33045	
15/64	1/4	3/4	2-1/2	M33462			
1/4	1/4	1/2	2	M33470	M30663	M33055	M32666
1/4	1/4	3/4	2-1/2	M33471	M30673	M33064	M32676
1/4	1/4	1	4	M33472		M30814	M32696
1/4	1/4	1-1/8	3	M33480		M33065	M32686
1/4	1/4	1-1/2	4	M33481		M33074	
1/4	1/4	1-1/2	6	M33482		M30815	M32706
17/64	5/16	3/4	2-1/2	M33490		M33075	
9/32	5/16	3/4	2-1/2	M33491		M33084	

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ROUND TOOLS

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