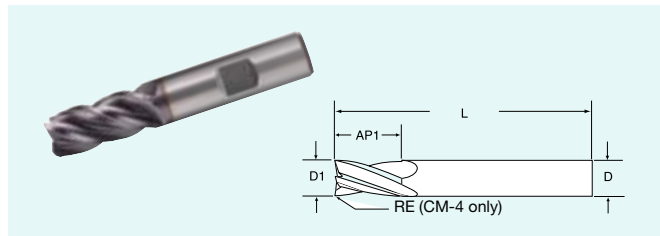


## Series CM-4, CM-4S



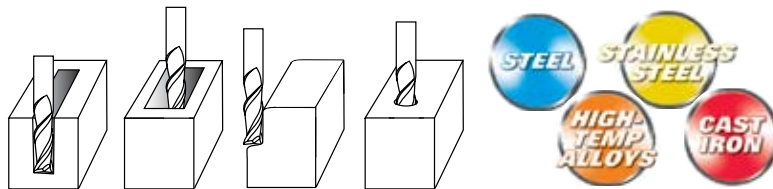
### Features

- 4-flute, right-hand spiral, right-hand cut
- Patented flute form with constant rake and unequal flute division
- Tools 1/2" and larger supplied with Weldon flats on shank
- Can be run at 40% higher speed rates than conventional high-performance tools
- Metric sizes available as specials
- Square end:
  - Series CM-4 with corner chamfer for heavier cuts
  - Series CM-4S with square corners for lighter cuts and finishing operations
- 10% submicron grain carbide substrate
- TiAlN coated standard



### Applications

- Universal chatter-free machining in a wide variety of materials.
- Use as both rougher and finisher.
- Outstanding surface finishes at high machining speeds.
- Feed and speed recommendations are listed on page 59.



### Series CM-4, CM-4S Offering

D1 inch	D inch	AP1 inch	L inch	Series CM-4 with corner chamfer TiAlN Coated		Series CM-4S with square corners TiAlN Coated
				RE	EDP No.	EDP No.
1/4	1/4	3/8	2	.016	M34406	M34916
1/4	1/4	3/4	2-1/2	.016	M34416	M34526
5/16	5/16	3/4	2-1/2	.016	M34426	M34536
3/8	3/8	7/8	2-1/2	.020	M34436	M34546
1/2	1/2	5/8	2-1/2	.020	M34446	M34556
1/2	1/2	1	3	.020	M34456	M34566
1/2	1/2	1-1/4	3	.020	M34466	M34576
5/8	5/8	3/4	3	.020	M34476	M34586
5/8	5/8	1-1/4	3-1/2	.020	M34486	M34926
3/4	3/4	7/8	3-1/2	.020	M34496	M34596
3/4	3/4	1-1/2	4	.020	M34506	M34606
1	1	1-1/2	4	.020	M34516	M34616

### Maestro end mills... save time – save money – work better – last longer

**Save time –** No need to convert from rougher to finisher; the Maestro end mill does both. It removes as much material as a conventional rougher and can provide the fine surface finish of a finisher.

**Save money –** Why buy two tools when one can do the job better? The Maestro series provides true universal milling cutters that will work effectively in stainless steels, cast irons, high-temperature alloys, low-carbon steels (<35 HRc), and titanium.

**Work better –** TiAlN-coated Maestro end mills can be run at higher feeds and speeds than conventional high-performance tools. The patented flute form, which features constant rake and unequal flute spacing, results in faster machining capability.

**Last longer –** The chatter-free machining environment created by the Maestro end mill reduces wear during use and extends tool life up to 200% compared to traditional high-performance tools.