

# SUPER COBALT END MILLS

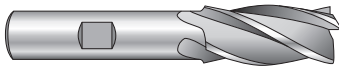
ICS USA

HEAVY DUTY

CENTER CUTTING

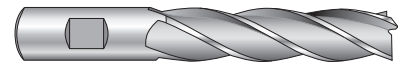
## 4 & 6 Flute - Single End

## 4 & 6 Long Flute Single End



REGULAR LENGTH

RIGHT HAND CUT  
RIGHT HAND HELIX



LONG LENGTH

ITEM NO.	DESCRIPTION
<b>EMC-4R</b>	Cobalt Single End Mill - 4 Flute - Center Cut
<b>EMC-6R</b>	Cobalt Single End Mill - 6 Flute - Center Cut
<b>EMC-4T</b>	TiN Coated Cobalt Single End Mill - 4 Flute - Center Cut
<b>EMC-6T</b>	TiN Coated Cobalt Single End Mill - 6 Flute - Center Cut

ITEM NO.	DESCRIPTION
<b>EMC-4L</b>	Cobalt Single End Mill - 4 Flute - Long - Center Cut
<b>EMC-6L</b>	Cobalt Single End Mill - 6 Flute - Long - Center Cut
<b>EMC-4LT</b>	TiN Coated Cobalt S. E. Mill - 4 Flute - Long - Center Cut
<b>EMC-6LT</b>	TiN Coated Cobalt S. E. Mill - 6 Flute - Long - Center Cut

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	FLUTES	PRICE EACH	
					SUPER COBALT	TiN COATED
1/8	3/8	3/8	2-5/16	4	15.92	21.46
3/16	3/8	7/16	2-3/8	4	15.92	21.46
1/4	3/8	5/8	2-7/16	4	15.92	21.46
5/16	3/8	3/4	2-1/2	4	16.98	22.54
3/8	3/8	3/4	2-1/2	4	16.98	22.54
1/2	1/2	1-1/4	3-1/4	4	23.66	34.34
5/8	5/8	1-5/8	3-3/4	4	37.52	50.00
3/4	3/4	1-5/8	3-3/4	4	51.60	67.84
7/8	3/4	1-7/8	4-1/8	4	63.62	81.44
7/8	3/4	1-7/8	4-1/8	6	63.62	81.44
1	3/4	1-7/8	4-1/8	4	84.00	101.82
1	1	2	4-1/2	4	84.00	105.34
1	1	2	4-1/2	6	84.00	105.34
1-1/4	1-1/4	2	4-1/2	4	133.84	163.68
1-1/4	1-1/4	2	4-1/2	6	133.84	163.68
1-1/2	1-1/4	2	4-1/2	4	161.92	203.46
1-1/2	1-1/4	2	4-1/2	6	161.92	203.46

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	FLUTES	PRICE EACH	
					SUPER COBALT	TiN COATED
1/4	3/8	1-1/4	3-1/16	4	17.14	23.50
5/16	3/8	1-3/8	3-1/8	4	17.14	23.50
3/8	3/8	1-1/2	3-1/4	4	17.92	24.30
1/2	1/2	2	4	4	26.10	36.80
5/8	5/8	2-1/2	4-5/8	4	39.20	51.98
3/4	3/4	3	5-1/4	4	54.32	76.48
7/8	7/8	3-1/2	5-3/4	4	75.04	99.94
1	1	4	6-1/2	4	106.40	132.88
1-1/4	1-1/4	4	6-1/2	6	180.48	222.88
1-1/2	1-1/4	4	6-1/2	6	221.76	274.96

TOLERANCES  
Flute Dia.: + .003 - .000"  
Shank Dia.: + .0005 - .0005"

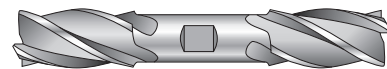
## 4 Flute Ball Nose Single End

## 4 Flute Double End



REGULAR LENGTH

RIGHT HAND CUT  
RIGHT HAND HELIX



REGULAR LENGTH

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				SUPER COBALT	TiN COATED
3/8	3/8	3/4	2-1/2	38.76	44.32
1/2	1/2	1-1/4	3-1/4	60.24	70.92
5/8	5/8	1-5/8	3-3/4	78.36	90.84
3/4	3/4	1-5/8	3-7/8	87.22	103.46
1	1	2	4-1/2	120.76	142.10

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				SUPER COBALT	TiN COATED
1/8	3/8	3/8	3-1/16	26.22	35.78
3/16	3/8	1/2	3-1/4	26.22	35.78
1/4	3/8	5/8	3-3/8	26.22	35.78
5/16	3/8	3/4	3-1/2	26.22	35.78
3/8	3/8	3/4	3-1/2	26.22	35.78
1/2	1/2	1	4-1/8	38.64	55.86
5/8	5/8	1-3/8	5	57.36	76.56
3/4	3/4	1-5/8	5-5/8	74.42	107.66
1	1	1-7/8	6-3/8	108.98	148.70

TOLERANCES  
Flute Dia.: +.003 - .000"  
Shank Dia.: +.0005 - .0005"

End Mill Holders and Milling Machine Adapters are on pages 288 & 289.  
**NOTE:** All Cobalt End Mills are furnished with a Weldon flat on the shank.