

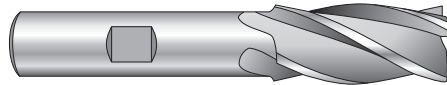
METRIC 4 FLUTE SINGLE END MILLS

ICS USA

GENERAL PURPOSE

CENTER CUTTING

WELDON SHANK



RIGHT HAND CUT
RIGHT HAND HELIX

SIZE (mm)	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TIN COATED
				EMM-4C	EMM-4CT
2.00	3/8	3/8	2-5/16	16.00	21.08
2.50	3/8	3/8	2-5/16	16.00	21.08
3.00	3/8	3/8	2-5/16	16.00	21.08
3.50	3/8	1/2	2-3/8	16.00	21.08
4.00	3/8	1/2	2-3/8	16.00	21.08
4.50	3/8	1/2	2-3/8	16.00	21.08
5.00	3/8	1/2	2-3/8	16.00	21.08
5.50	3/8	5/8	2-1/2	16.00	21.08
6.00	3/8	5/8	2-1/2	16.00	21.08
6.50	3/8	11/16	2-1/2	16.00	21.08
7.00	3/8	11/16	2-1/2	16.00	21.08
7.50	3/8	3/4	2-1/2	16.00	21.08
8.00	3/8	3/4	2-1/2	16.00	21.08
8.50	3/8	3/4	2-1/2	16.00	21.08
9.00	3/8	3/4	2-1/2	16.00	21.08
9.50	3/8	1	2-11/16	16.00	21.08
10.00	3/8	1	2-11/16	24.04	29.12
10.50	3/8	1	2-11/16	24.04	29.12
11.00	3/8	1	2-11/16	24.04	29.12
11.50	3/8	1	2-11/16	24.04	29.12
12.00	3/8	1	2-11/16	24.04	29.12
12.50	1/2	1-1/4	3-1/4	30.02	39.82
13.00	1/2	1-1/4	3-1/4	30.02	39.82
13.50	1/2	1-1/4	3-1/4	30.02	39.82
14.00	1/2	1-3/8	3-3/8	30.02	39.82

SIZE (mm)	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TIN COATED
				EMM-4C	EMM-4CT
14.50	1/2	1-3/8	3-3/8	33.02	42.82
15.00	1/2	1-3/8	3-3/8	33.02	42.82
16.00	1/2	1-5/8	3-3/4	34.86	44.66
16.00	5/8	1-5/8	3-3/4	34.86	46.54
17.00	5/8	1-5/8	3-3/4	40.64	52.32
18.00	1/2	1-5/8	3-3/4	40.64	52.32
18.00	5/8	1-5/8	3-3/4	40.64	52.32
19.00	3/4	1-7/8	4-1/8	45.32	61.60
20.00	5/8	1-7/8	4-1/8	45.32	57.26
20.00	3/4	1-7/8	4-1/8	52.24	68.54
21.00	7/8	1-7/8	4-1/8	52.24	74.36
22.00	3/4	1-7/8	4-1/8	52.24	68.54
22.00	7/8	1-7/8	4-1/8	52.24	74.36
23.00	7/8	1-7/8	4-1/8	62.64	84.74
24.00	3/4	2	4-1/2	62.64	78.92
24.00	1	2	4-1/2	62.64	84.74
25.00	3/4	1-7/8	4-1/8	62.64	78.92
25.00	1	2	4-1/2	62.64	84.74
26.00	3/4	2	4-1/2	86.68	108.78
30.00	1	2	4-1/2	98.08	120.18
32.00	1	2	4-1/2	98.08	120.18
36.00	1	2	4-1/2	121.60	159.58
40.00	1-1/4	2	4-1/2	143.48	181.48
45.00	1-1/4	2	4-1/2	173.50	224.72

HIGH SPEED STEEL

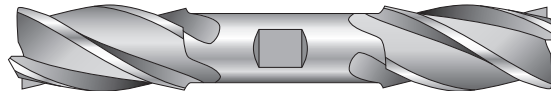
METRIC 4 FLUTE DOUBLE END MILLS

ICS USA

GENERAL PURPOSE

CENTER CUTTING

WELDON SHANK



RIGHT HAND CUT
RIGHT HAND HELIX

SIZE (mm)	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TIN COATED
				DEM-4C	DEM-4CT
3.00	3/8	3/8	3-1/16	23.82	33.28
4.00	3/8	7/16	3-1/8	23.82	33.28
5.00	3/8	9/16	3-1/4	23.82	33.28
6.00	3/8	5/8	3-3/8	23.82	33.28
7.00	3/8	11/16	3-3/8	25.44	35.00
8.00	3/8	3/4	3-1/2	23.82	33.28
10.00	1/2	1	4-1/8	35.24	50.94
11.00	1/2	1	4-1/8	41.24	56.96
12.00	1/2	1	4-1/8	41.24	56.96

SIZE (mm)	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TIN COATED
				DEM-4C	DEM-4CT
13.00	5/8	1-3/8	5	52.74	70.64
14.00	5/8	1-3/8	5	52.74	70.64
15.00	5/8	1-3/8	5	58.00	75.90
16.00	3/4	1-5/8	5-5/8	58.00	83.52
18.00	3/4	1-5/8	5-5/8	73.98	99.48
20.00	7/8	1-7/8	6-1/8	73.98	116.62
22.00	1	1-7/8	6-3/8	84.24	126.88
24.00	1	1-7/8	6-3/8	102.52	145.16

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