

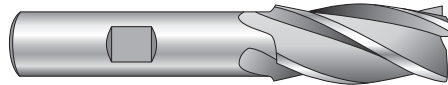
HIGH SPEED STEEL METRIC 4 FLUTE SINGLE END MILLS

ICS USA

GENERAL PURPOSE

NON-CENTER CUTTING

WELDON SHANK



RIGHT HAND CUT
RIGHT HAND HELIX

SIZE (mm)	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TiN COATED
				EMM-4R	EMM-4T
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-4R	EMM-4T
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

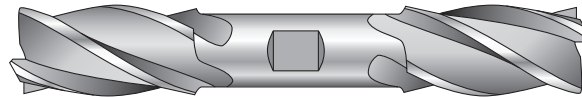
HIGH SPEED STEEL METRIC 4 FLUTE DOUBLE END MILLS

ICS USA

GENERAL PURPOSE

NON-CENTER CUTTING

WELDON SHANK



RIGHT HAND CUT
RIGHT HAND HELIX

SIZE (mm)	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TiN COATED
				DEMM-4R	DEMM-4T
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
				DEMM-4R	DEMM-4T
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"