

HIGH SPEED STEEL 4 FLUTE SINGLE END (BALL NOSE) MILLS

ICS USA

GENERAL PURPOSE

NON-CENTER CUTTING

WELDON SHANK



REGULAR LENGTH

**RIGHT HAND CUT
RIGHT HAND HELIX**

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TIN COATED
				EM-4B	EM-4BT
1/4	3/8	5/8	2-7/16	\$22.92	\$29.26
5/16	3/8	3/4	2-1/2	22.92	29.26
3/8	3/8	3/4	2-1/2	22.92	29.26
7/16	1/2	1	3	29.98	36.32
1/2	1/2	1-1/4	3-1/4	29.98	36.32
9/16	1/2	1-1/4	3-1/4	49.26	59.16

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TIN COATED
				EM-4B	EM-4BT
5/8	5/8	1-5/8	3-3/4	\$49.26	\$60.46
3/4	3/4	1-5/8	3-7/8	62.24	75.50
7/8	7/8	1-7/8	4-1/8	79.92	103.26
1	1	2	4-1/2	98.32	121.66
1-1/4	1-1/4	2	4-1/2	114.60	143.72
1-1/2	1-1/4	2	4-1/2	149.80	196.46

HIGH SPEED STEEL 4 FLUTE SINGLE END (BALL NOSE - LONG FLUTE) MILLS

ICS USA

GENERAL PURPOSE

NON-CENTER CUTTING

WELDON SHANK



LONG LENGTH

**RIGHT HAND CUT
RIGHT HAND HELIX**

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TIN COATED
				EM-4BL	EM-4BLT
1/4	3/8	1-1/4	3-1/16	\$22.92	\$31.14
5/16	3/8	1-3/8	3-1/8	22.92	31.14
3/8	3/8	1-1/2	3-1/4	28.26	36.48
1/2	1/2	2	4	44.50	54.40

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TIN COATED
				EM-4BL	EM-4BLT
5/8	5/8	2-1/2	4-5/8	\$65.98	\$77.92
3/4	3/4	3	5-1/4	85.24	100.92
1	1	4	6-1/2	124.22	152.22

HIGH SPEED STEEL 4 FLUTE DOUBLE END MILLS

ICS USA

GENERAL PURPOSE

NON-CENTER CUTTING

WELDON SHANK



**RIGHT HAND CUT
RIGHT HAND HELIX**

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TIN COATED
				DEM-4R	DEM-4T
1/8	3/8	3/8	3-1/16	\$17.48	\$29.12
5/32	3/8	7/16	3-1/8	17.48	29.12
3/16	3/8	1/2	3-1/4	17.48	29.12
13/64	3/8	9/16	3-1/4	17.48	29.12
7/32	3/8	9/16	3-1/4	17.48	29.12
15/64	3/8	9/16	3-1/4	17.48	29.12
1/4	3/8	5/8	3-3/8	17.48	29.12
9/32	3/8	11/16	3-3/8	18.48	30.14
5/16	3/8	3/4	3-1/2	18.48	30.14
11/32	3/8	3/4	3-1/2	18.48	30.14
3/8	3/8	3/4	3-1/2	18.48	30.14
13/32	1/2	1	4-1/8	26.10	42.90

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS	TIN COATED
				DEM-4R	DEM-4T
7/16	1/2	1	4-1/8	\$26.10	\$42.90
15/32	1/2	1	4-1/8	26.10	42.90
1/2	1/2	1	4-1/8	26.10	42.90
9/16	5/8	1-3/8	5	34.72	54.16
5/8	5/8	1-3/8	5	34.72	54.16
11/16	3/4	1-5/8	5-5/8	43.36	66.70
3/4	3/4	1-5/8	5-5/8	43.36	66.70
13/16	7/8	1-7/8	6-1/8	54.00	80.14
7/8	7/8	1-7/8	6-1/8	54.00	80.14
15/16	1	1-7/8	6-3/8	66.04	108.04
1	1	1-7/8	6-3/8	68.00	110.00

TOLERANCES

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