

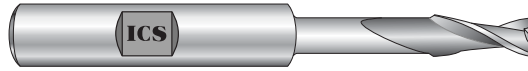
HIGH SPEED STEEL 2 FLUTE SINGLE END (EXT. LENGTH) MILLS

ICS USA

SPECIAL PURPOSE

CENTER CUTTING

**WELDON
SHANK**



**RIGHT HAND CUT
RIGHT HAND HELIX**

SIZE	SHANK DIA.	LENGTH BELOW SHANK	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
					HSS	TIN COATED
					EM-2X	EM-2XT
1/4	3/8	1-1/2	5/8	3-1/16	\$14.08	\$22.30
5/16	3/8	1-3/4	3/4	3-5/16	14.08	22.30
3/8	3/8	1-3/4	3/4	3-5/16	14.08	22.30
1/2	1/2	2-1/4	1	4	21.70	31.60
5/8	5/8	2-3/4	1-3/8	4-5/8	29.36	42.80

SIZE	SHANK DIA.	LENGTH BELOW SHANK	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
					HSS	TIN COATED
					EM-2X	EM-2XT
3/4	3/4	3-3/8	1-5/8	5-3/8	\$37.98	\$53.66
7/8	7/8	4	2	6	49.80	77.80
1	1	5	2-1/2	7-1/4	67.06	99.72
1-1/4	1-1/4	5	3	7-1/4	91.92	132.62

HIGH SPEED STEEL 2 FLUTE DOUBLE END MILLS

ICS USA

GENERAL PURPOSE

CENTER CUTTING

**WELDON
SHANK**



REGULAR LENGTH

**RIGHT HAND CUT
RIGHT HAND HELIX**

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

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

TOLERANCES

Flute Dia.: + .000 - .0015"
Shank Dia.: + .0005 - .0005"

END MILL STYLES/APPLICATIONS

The **Center (Plunge) Cutting** style is designed to plunge cut or drill to depth and then mill sideways into work. It can also be used for spot facing, counterboring, edge-planing, slot, shell, and pocket milling.

The **Non-Center (Cup End) Cutting** style is designed for production milling of slots and pockets, edge-planing and finishing a surface where plunge cutting is not required.

The **Long Flute** and **Ext. Length** styles are used when a deeper cut or longer reach is required to mill slots or pockets.

The **Double End** style is used for production milling to save time and tool inventory.

The **Ball (Nose) End** style is used for round bottom holes or slots and contour milling.