

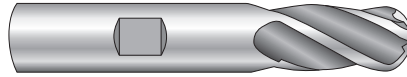
4 FLUTE BALL NOSE SINGLE END MILLS

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 EM-4B	TiN COATED 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 EM-4B	TiN COATED 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

4 FLUTE BALL NOSE SINGLE END MILLS

ICS USA

GENERAL PURPOSE

CENTER CUTTING

WELDON SHANK



LONG LENGTH

RIGHT HAND CUT
RIGHT HAND HELIX

SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				HSS EM-4BL	TiN COATED 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 EM-4BL	TiN COATED 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

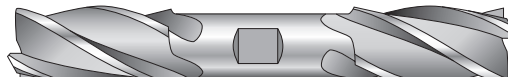
4 FLUTE DOUBLE END MILLS

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 DEM-4R	TiN COATED 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 DEM-4R	TiN COATED 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"