

HIGH SPEED STEEL

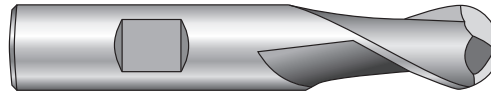
2 FLUTE BALL NOSE SINGLE END MILLS

ICS USA

GENERAL PURPOSE

CENTER CUTTING

WELDON SHANK



RIGHT HAND CUT
RIGHT HAND HELIX

| SIZE | SHANK DIA. | FLUTE LENGTH | OVERALL LENGTH | PRICE EACH | |
|------|------------|--------------|----------------|------------|------------|
| | | | | HSS | TIN COATED |
| | | | | EM-2B | EM-2BT |
| 1/8 | 3/8 | 3/8 | 2-5/16 | 17.78 | 24.12 |
| 3/16 | 3/8 | 1/2 | 2-3/8 | 17.78 | 24.12 |
| 1/4 | 3/8 | 5/8 | 2-7/16 | 17.78 | 24.12 |
| 5/16 | 3/8 | 3/4 | 2-1/2 | 19.72 | 26.06 |
| 3/8 | 3/8 | 3/4 | 2-1/2 | 19.72 | 26.06 |
| 7/16 | 1/2 | 1 | 3 | 27.86 | 35.70 |
| 1/2 | 1/2 | 1 | 3 | 27.86 | 35.70 |
| 9/16 | 1/2 | 1 | 3 | 34.28 | 42.12 |

| SIZE | SHANK DIA. | FLUTE LENGTH | OVERALL LENGTH | PRICE EACH | |
|-------|------------|--------------|----------------|------------|------------|
| | | | | HSS | TIN COATED |
| | | | | EM-2B | EM-2BT |
| 5/8 | 5/8 | 1-3/8 | 3-1/2 | 40.92 | 52.12 |
| 3/4 | 3/4 | 1-3/8 | 3-3/8 | 44.48 | 57.74 |
| 7/8 | 7/8 | 2 | 4-1/4 | 51.76 | 75.10 |
| 1 | 1 | 2-1/4 | 4-3/4 | 68.78 | 91.72 |
| 1-1/8 | 1 | 2-1/4 | 4-3/4 | 82.18 | 105.52 |
| 1-1/4 | 1-1/4 | 2-1/2 | 5 | 92.02 | 121.14 |
| 1-1/2 | 1-1/4 | 2-1/2 | 5 | 103.12 | 149.78 |

HIGH SPEED STEEL

2 FLUTE BALL NOSE SINGLE END MILLS (EXTENDED LENGTH)

ICS USA

SPECIAL PURPOSE

CENTER CUTTING

WELDON SHANK



RIGHT HAND CUT
RIGHT HAND HELIX

| SIZE | SHANK DIA. | FLUTE LENGTH | OVERALL LENGTH | PRICE EACH | |
|------|------------|--------------|----------------|------------|------------|
| | | | | HSS | TIN COATED |
| | | | | EM-2BX | EM-2BXT |
| 1/4 | 3/8 | 5/8 | 3-1/16 | 28.00 | 36.24 |
| 5/16 | 3/8 | 3/4 | 3-5/16 | 29.42 | 37.64 |
| 3/8 | 3/8 | 3/4 | 3-5/16 | 30.46 | 38.68 |
| 1/2 | 1/2 | 1 | 4 | 40.96 | 50.86 |

| SIZE | SHANK DIA. | FLUTE LENGTH | OVERALL LENGTH | PRICE EACH | |
|-------|------------|--------------|----------------|------------|------------|
| | | | | HSS | TIN COATED |
| | | | | EM-2BX | EM-2BXT |
| 5/8 | 5/8 | 1-3/8 | 4-5/8 | 53.20 | 66.64 |
| 3/4 | 3/4 | 1-5/8 | 5-3/8 | 73.50 | 85.82 |
| 1 | 1 | 2-1/2 | 7-1/4 | 113.40 | 146.06 |
| 1-1/4 | 1-1/4 | 3 | 7-1/4 | 208.60 | 245.94 |

HIGH SPEED STEEL

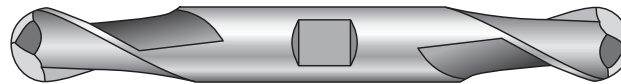
2 FLUTE BALL NOSE DOUBLE END MILLS

ICS USA

SPECIAL PURPOSE

CENTER CUTTING

WELDON SHANK



RIGHT HAND CUT
RIGHT HAND HELIX

| SIZE | SHANK DIA. | FLUTE LENGTH | OVERALL LENGTH | PRICE EACH | |
|------|------------|--------------|----------------|------------|------------|
| | | | | HSS | TIN COATED |
| | | | | DEM-2B | DEM-2BT |
| 1/8 | 3/8 | 3/8 | 3-1/16 | 20.84 | 32.48 |
| 3/16 | 3/8 | 7/16 | 3-1/8 | 20.84 | 32.48 |
| 1/4 | 3/8 | 1/2 | 3-3/16 | 20.84 | 32.48 |
| 5/16 | 3/8 | 9/16 | 3-3/16 | 20.84 | 32.48 |
| 3/8 | 3/8 | 9/16 | 3-3/16 | 20.84 | 32.48 |
| 7/16 | 1/2 | 13/16 | 3-7/8 | 31.10 | 47.90 |

| SIZE | SHANK DIA. | FLUTE LENGTH | OVERALL LENGTH | PRICE EACH | |
|------|------------|--------------|----------------|------------|------------|
| | | | | HSS | TIN COATED |
| | | | | DEM-2B | DEM-2BT |
| 1/2 | 1/2 | 13/16 | 3-7/8 | 31.10 | 47.90 |
| 5/8 | 5/8 | 1-1/8 | 4-9/16 | 52.34 | 71.76 |
| 3/4 | 3/4 | 1-5/16 | 5 | 65.88 | 89.22 |
| 7/8 | 7/8 | 1-9/16 | 5-1/2 | 83.24 | 109.38 |
| 1 | 1 | 1-5/8 | 5-7/8 | 101.58 | 143.58 |

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