

Solid Carbide Rotary Files

All of these rotary files have 1/4" shanks
Made from micrograin carbide in the USA



Aluminum Cut Burrs

Aluminum cut burrs are outstanding for rapid stock removal on soft or non-ferrous type materials: aluminum, magnesium, brass, zinc alloys, lead, hard rubber and most plastics. The wide flute design permits easy chip disposal. Aluminum Cut burrs have a special flute relief design for added strength and longer tool life.

| CYLINDRICAL END CUT (Alum) | | | |
|----------------------------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 5/8" | SA101 | \$13.88 |
| 5/16" | ----- | ----- | ----- |
| 3/8" | 3/4" | SA103 | 18.14 |
| 1/2" | 1" | SA105 | 28.78 |
| 5/8" | 1" | SA106 | 43.32 |
| 3/4" | 1" | SA107 | 60.64 |

| CYLINDRICAL BALL NOSE (Alum) | | | |
|------------------------------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 5/8" | SC101 | \$13.72 |
| 5/16" | ----- | ----- | ----- |
| 3/8" | 3/4" | SC-103 | 19.24 |
| 1/2" | 1" | SC105 | 29.96 |
| 5/8" | 1" | SC106 | 41.48 |
| 3/4" | 1" | SC107 | 63.48 |



| BALL SHAPE (Alum) | | | |
|-------------------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 1/4" | SD101 | \$13.42 |
| 5/16" | ----- | ----- | ----- |
| 3/8" | 3/8" | SD103 | 16.38 |
| 1/2" | 1/2" | SD105 | 24.72 |
| 5/8" | 5/8" | SD106 | 33.96 |
| 3/4" | 3/4" | SD107 | 54.18 |

| EGG SHAPE (Alum) | | | |
|------------------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 3/8" | SE101 | \$11.86 |
| 5/16" | ----- | ----- | ----- |
| 3/8" | 5/8" | SE103 | 20.84 |
| 1/2" | 7/8" | SE105 | 28.72 |
| 5/8" | 1" | SE106 | 47.02 |
| 3/4" | 1" | SE107 | 59.02 |

| ROUND TREE SHAPE (Alum) | | | |
|-------------------------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 5/8" | SF101 | \$16.00 |
| 5/16" | ----- | ----- | ----- |
| 3/8" | 3/4" | SF103 | 18.36 |
| 1/2" | 1" | SF105 | 26.76 |
| 5/8" | 1" | SF106 | 43.88 |
| 3/4" | 1" | SF107 | 56.82 |

Double Cut Burrs

Right and left hand flutes combine to produce a chisel type cutting edge. The chisel edge permits faster penetration and stock removal while the reduced pull of the tool allows better control and reduces operator fatigue. Chips produced by the double cut are smaller than standard cut which allows the tool to be run at slower speeds if necessary.



| CYLINDRICAL END CUT | | | |
|---------------------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 5/8" | SB1 | \$10.78 |
| 5/16" | 3/4" | SB2 | 12.90 |
| 3/8" | 3/4" | SB3 | 12.78 |
| 1/2" | 1" | SB5 | 20.08 |
| 5/8" | 1" | SB6 | 35.06 |
| 3/4" | 1" | SB7 | 54.98 |

| CYLINDRICAL BALL NOSE | | | |
|-----------------------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 5/8" | SC1 | \$10.78 |
| 5/16" | 3/4" | SC2 | 12.58 |
| 3/8" | 3/4" | SC3 | 13.60 |
| 1/2" | 1" | SC5 | 20.40 |
| 5/8" | 1" | SC6 | 33.22 |
| 3/4" | 1" | SC7 | 54.62 |

| BALL SHAPE | | | |
|------------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 1/4" | SD1 | \$10.50 |
| 5/16" | 5/16" | SD2 | 10.44 |
| 3/8" | 3/8" | SD3 | 11.24 |
| 1/2" | 1/2" | SD5 | 16.04 |
| 5/8" | 5/8" | SD6 | 24.56 |
| 3/4" | 3/4" | SD7 | 35.86 |



| EGG SHAPE | | | |
|-----------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 3/8" | SE1 | \$10.92 |
| 5/16" | ----- | ----- | ----- |
| 3/8" | 5/8" | SE3 | 13.12 |
| 1/2" | 7/8" | SE5 | 19.12 |
| 5/8" | 1" | SE6 | 33.32 |
| 3/4" | 1" | SE7 | 48.90 |

| ROUND TREE SHAPE | | | |
|------------------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 5/8" | SF1 | \$10.78 |
| 5/16" | ----- | ----- | ----- |
| 3/8" | 3/4" | SF3 | 12.56 |
| 1/2" | 1" | SF5 | 17.98 |
| 5/8" | 1" | SF6 | 32.78 |
| 3/4" | 1" | SF7 | 47.96 |

| POINTED TREE SHAPE | | | |
|--------------------|--------------|----------|------------|
| DIA. | FLUTE LENGTH | ITEM NO. | PRICE EACH |
| 1/4" | 3/4" | SG1 | \$10.78 |
| 5/16" | 3/4" | SG2 | \$11.74 |
| 3/8" | 3/4" | SG3 | 13.12 |
| 1/2" | 1" | SG5 | 17.98 |
| 5/8" | 1" | SG6 | 32.52 |
| 3/4" | 1" | SG7 | 46.24 |