



# 4fl Double Radius Mills



- The multiple cutting surfaces of a 4 flute end mill allow it to increase the rate of metal removal, especially when machining harder materials
- Offers exceptional performance in high temperature resistance in a wide range of ferrous materials, including cast iron, tool steels and low and medium alloy steels
- Specially engineered fluting and end work allow smooth finishes on the workpiece, especially on softer materials
- With double the feed rate capabilities compared to a standard end mill, for many applications, this tool is constructed for High Efficiency Machining
- Alcrona coating offers high resistance to materials over 42 Rc, which can help increase speeds and feeds as well as tool life
- Talon coating is formulated for super alloys, such as nickel, inconel and waspaloy
- HDT coating is exceptional for applications requiring high material removal rates by providing excellent wear resistance and high thermal resistance in super alloys
- For Weldon Flat – Add W to the part number and add \$6.00 to cost

| Cutting Diameter | Flute Length | Overall Length | Shank Diameter | Alcrona  |          | Talon    |          | AlTiN    |          |
|------------------|--------------|----------------|----------------|----------|----------|----------|----------|----------|----------|
|                  |              |                |                | Part No. | Cost     | Part No. | Cost     | Part No. | Cost     |
| 1/4"             | 3/8"         | 2.0"           | 1/4"           | 416068   | \$124.94 | 417068   | \$134.13 | 419068   | \$121.29 |
| 1/4"             | 1/2"         | 2.5"           | 1/4"           | 416078   | \$133.02 | 417078   | \$141.02 | 419078   | \$128.18 |
| 1/4"             | 3/4"         | 2.5"           | 1/4"           | 416088   | \$133.02 | 417088   | \$141.02 | 419088   | \$128.18 |
| 3/8"             | 1/2"         | 2.0"           | 3/8"           | 416098   | \$175.14 | 417098   | \$187.34 | 419098   | \$168.22 |
| 3/8"             | 1.0"         | 3.0"           | 3/8"           | 416108   | \$185.41 | 417108   | \$197.61 | 419108   | \$178.49 |
| 3/8"             | 1.25"        | 3.0"           | 3/8"           | 416118   | \$185.41 | 417118   | \$197.61 | 419118   | \$178.49 |
| 1/2"             | 1.0"         | 3.0"           | 1/2"           | 416128   | \$267.28 | 417128   | \$282.83 | 419128   | \$259.14 |
| 1/2"             | 1.25"        | 3.0"           | 1/2"           | 416138   | \$267.28 | 417138   | \$282.83 | 419138   | \$259.14 |
| 1/2"             | 1.625"       | 4.0"           | 1/2"           | 416148   | \$308.80 | 417148   | \$328.97 | 419148   | \$298.17 |
| 5/8"             | 1.25"        | 3.5"           | 5/8"           | 416158   | \$386.62 | 417158   | \$409.07 | 419158   | \$374.84 |
| 5/8"             | 1.625"       | 4.0"           | 5/8"           | 416168   | \$402.95 | 417168   | \$425.40 | 419168   | \$391.17 |
| 5/8"             | 2.125"       | 4.0"           | 5/8"           | 416178   | \$402.95 | 417178   | \$425.40 | 419178   | \$391.17 |
| 3/4"             | 1.0"         | 3.0"           | 3/4"           | 416188   | \$502.16 | 417188   | \$523.65 | 419188   | \$490.88 |
| 3/4"             | 1.625"       | 4.0"           | 3/4"           | 416198   | \$547.33 | 417198   | \$573.91 | 419198   | \$533.39 |
| 3/4"             | 2.25"        | 5.0"           | 3/4"           | 416208   | \$592.61 | 416208   | \$625.17 | 419208   | \$575.54 |