



Five Flute Fox Carb Ball Mill



- 5 flute variable pitch design for reduced harmonics and increased feed rates
- Specially engineered eccentric relief with unique helix and rake angles result in higher quality parts by decreasing chatter and improving finishes
- For light profiling and finishing applications, this tool is constructed for High-Speed Machining
- Offers outstanding performance in a wide range of ferrous materials, including cast iron, tool steels and low and medium alloy steels
- 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 | | AITIN | |
|------------------|--------------|----------------|----------------|----------|---------|----------|---------|----------|---------|
| | | | | Part No. | Cost | Part No. | Cost | Part No. | Cost |
| 1/8" | 3/8" | 1.5" | 1/8" | 516002 | \$31.41 | 517002 | \$33.90 | 519002 | \$29.92 |
| 1/8" | 1/2" | 1.5" | 1/8" | 516114 | \$31.41 | 517114 | \$33.90 | 519114 | \$29.92 |
| 1/8" | 7/8" | 2.5" | 1/8" | 516124 | \$32.56 | 517124 | \$35.76 | 519124 | \$30.69 |
| 3/16" | 5/8" | 2.0" | 3/16" | 516022 | \$36.14 | 517022 | \$39.34 | 519022 | \$34.27 |
| 3/16" | 3/4" | 2.5" | 3/16" | 516012 | \$38.72 | 517012 | \$43.62 | 519012 | \$35.77 |
| 3/16" | 1.0" | 3.0" | 3/16" | 516144 | \$40.57 | 517144 | \$45.46 | 519144 | \$37.62 |
| 1/4" | 3/8" | 2.0" | 1/4" | 516034 | \$38.81 | 517034 | \$46.21 | 519034 | \$35.86 |
| 1/4" | 1/2" | 2.5" | 1/4" | 536194 | \$40.95 | 537194 | \$47.41 | 539134 | \$37.06 |
| 1/4" | 3/4" | 2.5" | 1/4" | 516032 | \$40.95 | 517032 | \$47.41 | 519032 | \$37.06 |
| 1/4" | 1.0" | 3.0" | 1/4" | 516044 | \$46.68 | 517044 | \$53.14 | 519044 | \$42.79 |
| 1/4" | 1.75" | 4.0" | 1/4" | 516024 | \$54.33 | 517024 | \$61.89 | 519024 | \$49.74 |
| 5/16" | 1/2" | 2.0" | 5/16" | 516064 | \$49.73 | 517064 | \$59.57 | 519064 | \$44.15 |
| 5/16" | 3/4" | 2.5" | 5/16" | 516042 | \$51.39 | 517042 | \$61.23 | 519042 | \$45.82 |
| 5/16" | 1.125" | 3.0" | 5/16" | 516074 | \$60.47 | 517074 | \$70.30 | 519074 | \$54.89 |
| 5/16" | 1.5" | 4.0" | 5/16" | 516084 | \$68.85 | 517084 | \$81.52 | 519084 | \$61.73 |



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| Cutting Diameter | Flute Length | Overall Length | Shank Diameter | Alcra | | Talon | | AlTiN | |
|------------------|--------------|----------------|----------------|----------|----------|----------|----------|----------|----------|
| | | | | Part No. | Cost | Part No. | Cost | Part No. | Cost |
| 3/8" | 1/2" | 2.0" | 3/8" | 516144 | \$57.64 | 517144 | \$67.47 | 519144 | \$52.06 |
| 3/8" | 7/8" | 3.0" | 3/8" | 516062 | \$59.84 | 517062 | \$69.67 | 519062 | \$54.26 |
| 3/8" | 1.0" | 3.0" | 3/8" | 516052 | \$61.69 | 517052 | \$71.52 | 519052 | \$56.11 |
| 3/8" | 1.25" | 3.0" | 3/8" | 516154 | \$61.69 | 517154 | \$71.52 | 519154 | \$56.11 |
| 3/8" | 1.5" | 4.0" | 3/8" | 516164 | \$87.42 | 517164 | \$100.09 | 519164 | \$80.30 |
| 3/8" | 2.0" | 4.0" | 3/8" | 516174 | \$87.42 | 517174 | \$100.09 | 519174 | \$80.30 |
| 3/8" | 2.5" | 5.0" | 3/8" | 516184 | \$99.45 | 517184 | \$114.42 | 519184 | \$90.97 |
| 7/16" | 1.0" | 3.0" | 7/16" | 526094 | \$80.86 | 527094 | \$93.39 | 529094 | \$74.31 |
| 1/2" | 5/8" | 2.5" | 1/2" | 516194 | \$96.43 | 517194 | \$108.96 | 519194 | \$89.87 |
| 1/2" | 1.0" | 3.0" | 1/2" | 526002 | \$97.54 | 527002 | \$110.07 | 529002 | \$90.98 |
| 1/2" | 1.25" | 3.0" | 1/2" | 526012 | \$100.60 | 527012 | \$113.12 | 529012 | \$94.04 |
| 1/2" | 1.625" | 4.0" | 1/2" | 526004 | \$127.68 | 527004 | \$143.92 | 529004 | \$119.11 |
| 1/2" | 2.0" | 4.0" | 1/2" | 526014 | \$131.95 | 527014 | \$148.19 | 529014 | \$123.38 |
| 1/2" | 2.5" | 5.0" | 1/2" | 526024 | \$148.03 | 527024 | \$167.31 | 529024 | \$137.90 |
| 1/2" | 3.0" | 6.0" | 1/2" | 526034 | \$178.18 | 527034 | \$200.88 | 529034 | \$166.19 |
| 5/8" | .750" | 3.0" | 5/8" | 526044 | \$169.57 | 527044 | \$184.01 | 529044 | \$161.95 |
| 5/8" | 1.25" | 3.5" | 5/8" | 526022 | \$179.36 | 527022 | \$197.45 | 529022 | \$169.86 |
| 5/8" | 1.625" | 3.5" | 5/8" | 526054 | \$201.06 | 527054 | \$219.15 | 529054 | \$191.57 |
| 5/8" | 2.0" | 4.0" | 5/8" | 526064 | \$222.74 | 527064 | \$240.83 | 529064 | \$213.25 |
| 5/8" | 2.5" | 5.0" | 5/8" | 526074 | \$232.40 | 527074 | \$255.01 | 529074 | \$220.53 |
| 5/8" | 3.25" | 6.0" | 5/8" | 526084 | \$248.04 | 527084 | \$274.86 | 529084 | \$233.97 |
| 3/4" | 7/8" | 3.0" | 3/4" | 536004 | \$249.94 | 537004 | \$267.26 | 539004 | \$240.85 |
| 3/4" | 1.5" | 4.0" | 3/4" | 526032 | \$254.53 | 527032 | \$275.96 | 529032 | \$243.30 |
| 3/4" | 1.625" | 4.0" | 3/4" | 536014 | \$266.78 | 537014 | \$288.21 | 539014 | \$255.55 |
| 3/4" | 2.5" | 5.0" | 3/4" | 536024 | \$276.21 | 537024 | \$302.46 | 539024 | \$262.46 |
| 3/4" | 3.25" | 6.0" | 3/4" | 536034 | \$355.34 | 537034 | \$386.36 | 539034 | \$339.04 |
| 3/4" | 5.0" | 8.0" | 3/4" | 536044 | \$403.87 | 537044 | \$470.67 | 539044 | \$381.59 |
| 1.0" | 1.125" | 4.0" | 1.0" | 536054 | \$413.00 | 537054 | \$444.44 | 539054 | \$396.44 |
| 1.0" | 1.625" | 4.0" | 1.0" | 526042 | \$432.42 | 527042 | \$463.87 | 529042 | \$415.87 |
| 1.0" | 2.25" | 5.0" | 1.0" | 536064 | \$474.28 | 537064 | \$510.41 | 539064 | \$455.27 |
| 1.0" | 2.75" | 5.0" | 1.0" | 536074 | \$476.00 | 537074 | \$512.09 | 539074 | \$456.95 |
| 1.0" | 3.25" | 6.0" | 1.0" | 536084 | \$502.65 | 537084 | \$543.03 | 539084 | \$481.46 |