



Four Flute Fox Carb Ball Mill



- The variable pitch geometry and eccentric relief geometry allows for maximum edge strength in both roughing and finishing applications
- Specially engineered helix and rake angles result in higher quality parts by decreasing chatter and improving finishes
- 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		AlTiN	
				Part No.	Cost	Part No.	Cost	Part No.	Cost
1/8"	3/8"	1.5"	1/8"	416002	\$37.21	417002	\$40.30	419002	\$35.36
1/8"	1/2"	1.5"	1/8"	416114	\$37.21	417114	\$40.30	419114	\$35.36
1/8"	7/8"	2.5"	1/8"	416124	\$38.60	417124	\$42.56	419124	\$36.27
3/16"	5/8"	2.0"	3/16"	416022	\$42.82	417022	\$46.79	419022	\$40.49
3/16"	3/4"	2.5"	3/16"	416012	\$45.93	417012	\$52.01	419012	\$42.28
3/16"	1.0"	3.0"	3/16"	416144	\$48.11	417144	\$54.20	419144	\$44.46
1/4"	3/8"	2.0"	1/4"	416034	\$46.03	417034	\$55.22	419034	\$42.38
1/4"	1/2"	2.5"	1/4"	436194	\$48.63	437194	\$56.64	439134	\$43.80
1/4"	3/4"	2.5"	1/4"	416032	\$48.63	417032	\$56.64	419032	\$43.80
1/4"	1.0"	3.0"	1/4"	416044	\$55.41	417044	\$63.41	419044	\$50.57
1/4"	1.75"	4.0"	1/4"	416024	\$64.48	417024	\$73.85	419024	\$58.79
5/16"	1/2"	2.0"	5/16"	416064	\$59.10	417064	\$71.31	419064	\$52.18
5/16"	3/4"	2.5"	5/16"	416042	\$61.06	417042	\$73.27	419042	\$54.15
5/16"	1.125"	3.0"	5/16"	416074	\$71.79	417074	\$83.99	419074	\$64.87
5/16"	1.5"	4.0"	5/16"	416084	\$81.78	417084	\$97.51	419084	\$72.96



HIGH PERFORMANCE

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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"	416144	\$68.45	417144	\$80.65	419144	\$61.53
3/8"	7/8"	3.0"	3/8"	416062	\$71.05	417062	\$83.25	419062	\$64.13
3/8"	1.0"	3.0"	3/8"	416052	\$73.23	417052	\$85.44	419052	\$66.31
3/8"	1.25"	3.0"	3/8"	416154	\$73.23	417154	\$85.44	419154	\$66.31
3/8"	1.5"	4.0"	3/8"	416164	\$103.73	417164	\$119.46	419164	\$94.90
3/8"	2.0"	4.0"	3/8"	416174	\$103.73	417174	\$119.46	419174	\$94.90
3/8"	2.5"	5.0"	3/8"	416184	\$118.04	417184	\$136.62	419184	\$107.51
7/16"	1.0"	3.0"	7/16"	426094	\$95.95	427094	\$111.50	429094	\$87.82
1/2"	5/8"	2.5"	1/2"	416194	\$114.35	417194	\$129.90	419194	\$106.21
1/2"	1.0"	3.0"	1/2"	426002	\$115.66	427002	\$131.21	429002	\$107.52
1/2"	1.25"	3.0"	1/2"	426012	\$119.28	427012	\$134.82	429012	\$111.14
1/2"	1.625"	4.0"	1/2"	426004	\$151.40	427004	\$171.56	429004	\$140.76
1/2"	2.0"	4.0"	1/2"	426014	\$156.44	427014	\$176.61	429014	\$145.81
1/2"	2.5"	5.0"	1/2"	426024	\$175.54	427024	\$199.47	429024	\$162.97
1/2"	3.0"	6.0"	1/2"	426034	\$211.29	427034	\$239.46	429034	\$196.40
5/8"	.750"	3.0"	5/8"	426044	\$200.85	427044	\$218.76	429044	\$191.40
5/8"	1.25"	3.5"	5/8"	426022	\$212.52	427022	\$234.98	429022	\$200.75
5/8"	1.625"	3.5"	5/8"	426054	\$238.17	427054	\$260.62	429054	\$226.40
5/8"	2.0"	4.0"	5/8"	426064	\$263.80	427064	\$286.25	429064	\$252.02
5/8"	2.5"	5.0"	5/8"	426074	\$275.35	427074	\$303.42	429074	\$260.62
5/8"	3.25"	6.0"	5/8"	426084	\$293.97	427084	\$327.25	429084	\$276.51
3/4"	7/8"	3.0"	3/4"	436004	\$295.92	437004	\$317.41	439004	\$284.64
3/4"	1.5"	4.0"	3/4"	426032	\$301.47	427032	\$328.06	429032	\$287.53
3/4"	1.625"	4.0"	3/4"	436014	\$315.95	437014	\$342.54	439014	\$302.02
3/4"	2.5"	5.0"	3/4"	436024	\$327.25	437024	\$359.81	439024	\$310.18
3/4"	3.25"	6.0"	3/4"	436034	\$420.91	437034	\$459.41	439034	\$400.69
3/4"	5.0"	8.0"	3/4"	436044	\$477.29	437044	\$556.24	439044	\$450.97
1.0"	1.125"	4.0"	1.0"	436054	\$489.06	437054	\$528.09	439054	\$468.52
1.0"	1.625"	4.0"	1.0"	426042	\$512.02	427042	\$551.04	429042	\$491.48
1.0"	2.25"	5.0"	1.0"	436064	\$561.63	437064	\$606.48	439064	\$538.04
1.0"	2.75"	5.0"	1.0"	436074	\$563.62	437074	\$608.47	439074	\$540.03
1.0"	3.25"	6.0"	1.0"	436084	\$595.28	437084	\$645.40	439084	\$569.00

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