

End Mills • Rougher

List #506 Cobalt Three Flute Rougher



Substrate - Cobalt High Speed Steel
 Length - Various
 Number of Flutes - 3
 End Work - Center Cutting
 Surface Treatment - Bright, TiN, TiCN
 Rougher/Finisher - Rougher
 Double or Single End - Single End



Features:

- 3 flutes allow for greater chip room
- Heavy cross-section for rigidity
- Center cutting allows for plunge cutting and slotting
- 8% Cobalt for high red hardness
- Chamfered corners
- Coarse pitch for heavier, more manageable chips

For coatings performance and application information, see page 4.

Diam. of Mill	Decimal Equiv.	Metric Equiv.	Overall Length	Length of Cut	Shank Diam.	• EDP Number •		
						Bright	TiN	TiCN
3/8	.375	9.53	2-1/2	3/4	3/8	C32370	C32390	C32410
1/2	.5	12.70	3-1/4	1-1/4	1/2	C32371	C32391	C32411
1/2	.5	12.70	4	2	1/2	C32372	C32392	C32412
5/8	.625	15.88	3-3/4	1-5/8	5/8	C32373	C32393	C32413
5/8	.625	15.88	4-5/8	2-1/2	5/8	C32374	C32394	C32414
3/4	.75	19.05	3-7/8	1-5/8	3/4	C32375	C32395	C32415
3/4	.75	19.05	5-1/4	3	3/4	C32376	C32396	C32416
7/8	.875	22.23	4-1/8	1-7/8	7/8	C32377	C32397	C32417
1	1	25.40	4-1/2	2	1	C32378	C32398	C32418
1	1	25.40	5-1/2	3	1	C32379	C32399	C32419

Diam. of Mill	Decimal Equiv.	Metric Equiv.	Overall Length	Length of Cut	Shank Diam.	• EDP Number •		
						Bright	TiN	TiCN
1	1	25.40	6-1/2	4	1	C32380	C32400	C32420
1-1/4	1.25	31.75	4-1/2	2	1-1/4	C32381	C32401	C32420
1-1/4	1.25	31.75	5-1/4	3	1-1/4	C32382	C32402	C32420
1-1/4	1.25	31.75	6-1/2	4	1-1/4	C32383	C32403	C32420
1-1/2	1.5	38.10	4-1/2	2	1-1/4	C32384	C32404	C32420
1-1/2	1.5	38.10	5-1/2	3	1-1/4	C32385	C32405	C32420
1-1/2	1.5	38.10	6-1/2	4	1-1/4	C32386	C32406	C32420
2	2	50.80	5-3/4	2	2	C32387	C32407	C32420
2	2	50.80	6-3/4	3	2	C32388	C32408	C32420
2	2	50.80	7-3/4	4	2	C32389	C32409	C32420

List #577 Cobalt Multi-Flute Rougher



Substrate - Cobalt High Speed Steel
 Length - Various
 Number of Flutes - Multi-Flute
 End Work - Non Center Cutting
 Surface Treatment - Bright, TiN, TiCN
 Rougher/Finisher - Rougher
 Double or Single End - Single End



Features:

- Course pitch for heavier, more manageable chips
- Heavy cross-section for rigidity
- 8% cobalt for high red hardness
- Side cutting

For coatings performance and application information, see page 4.

Diameter of Mill	Decimal Equivalent	Metric Equivalent	Overall Length	Length of Cut	Shank Diameter	Number of Flutes	• EDP Number •		
							Bright	TiN	TiCN
1/4	.25	6.35	2-7/16	5/8	3/8	3	C32122	C32140	C32175
5/16	.3125	7.94	2-1/2	3/4	3/8	3	C32123	C32141	C32176
3/8	.375	9.53	2-1/2	3/4	3/8	4	C32124	C32142	C32177
1/2	.5	12.70	3-1/4	1-1/4	1/2	4	C43472	C32143	C32178
1/2	.5	12.70	4	2	1/2	4	C32125	C32144	C32179
5/8	.625	15.88	3-3/4	1-5/8	5/8	4	C43473	C32145	C32180
5/8	.625	15.88	4-5/8	2-1/2	5/8	4	C32126	C32146	C32181
3/4	.75	19.05	3	3/4	3/4	4	C32127	C32149	C32184
3/4	.75	19.05	3-7/8	1-5/8	3/4	4	C43474	C32147	C32182
3/4	.75	19.05	5-1/4	3	3/4	4	C43416	C32148	C32183
7/8	.875	22.23	4-1/8	1-7/8	7/8	5	C32128	C32150	C32185
7/8	.875	22.23	5-3/4	3-1/2	7/8	5	C32129	C32151	C32186
1	1	25.40	3-3/4	1-1/2	3/4	5	C32130	C32152	C32187
1	1	25.40	4-1/2	2	1	5	C43431	C32153	C32188
1	1	25.40	5-1/2	3	1	5	C43467	C32154	C32189
1	1	25.40	6-1/2	4	1	5	C43462	C32155	C32190
1	1	25.40	8-1/2	6	1	5	C32131	C32156	C32191
1-1/4	1.25	31.75	3-3/4	1-1/2	3/4	5	C32132	C32157	C32192
1-1/4	1.25	31.75	4-1/2	2	1-1/4	5	C43440	C32158	C32193
1-1/4	1.25	31.75	5-1/2	3	1-1/4	5	C43468	C32159	C32194
1-1/4	1.25	31.75	6-1/2	4	1-1/4	5	C43441	C32160	C32195
1-1/4	1.25	31.75	8-1/2	6	1-1/4	5	C32133	C32161	C32196
1-1/2	1.5	38.10	3-3/4	1-1/2	3/4	6	C32134	C32162	C32197
1-1/2	1.5	38.10	4-1/2	2	1-1/4	6	C43452	C32163	C32198
1-1/2	1.5	38.10	5-1/2	3	1-1/4	6	C43469	C32164	C32199

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