

Roughers



Cobalt M42 – For Aluminum – Coarse Pitch – Center Cut – 37° Helix – Weldon Shanks

3 Flute – Regular Length



3 Flute – Long Length



Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Code
1/4	3/8	5/8	2-7/16	930955
5/16	3/8	3/4	2-1/2	930960
3/8	3/8	3/4	2-1/2	930965
1/2	1/2	1-1/4	3-1/4	930970
5/8	5/8	1-5/8	3-3/4	930975
3/4	3/4	1-5/8	3-7/8	930980
1	1	2	4-1/2	930985
1-1/4	1-1/4	2	4-1/2	930990

Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Code
1/2	1/2	2	4	930995
5/8	5/8	2-1/2	4-5/8	931000
3/4	3/4	3	5-1/4	931005
1	1	4	6-1/2	931010
1-1/4	1-1/4	4	6-1/2	931015
1-1/2	1-1/4	4	6-1/2	931020

Finishers



Cobalt M42 – For Aluminum – Center Cut – 45° Hi-Helix – Weldon Shanks

3 Flute – Regular Length



Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	Code
1/4	3/8	5/8	2-7/16	931145
5/16	3/8	3/4	2-1/2	931150
3/8	3/8	3/4	2-1/2	931155
1/2	1/2	1-1/4	3-1/4	931160
5/8	5/8	1-5/8	3-3/4	931165
3/4	3/4	1-5/8	3-7/8	931170
1	1	2	4-1/2	931180

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Cobalt M42 – Coarse Pitch – Center Cut – Weldon Shanks

Regular Length – Uncoated & TiAlN-Futura Coated



Cutter Diameter (Inch)	Shank Diameter (Inch)	Length of Cut (Inch)	Overall Length (Inch)	No. of Flutes	Cobalt	TiAlN-Futura Coated
					Code	Code
1/2	1/2	1-1/4	3-1/4	4	930850	930851
5/8	5/8	1-5/8	3-3/4	4	930855	930856
3/4	3/4	1-5/8	3-3/4	4	930860	930861
1	1	2	4-1/2	5	930865	930866
1-1/4	1-1/4	2	4-1/2	6	930870	930871
1-1/2	1-1/4	2	4-1/2	6	930875	930876