

CHAMPION

Cobalt End Mills

List No. 600C0

Single End / 2 Flute / Center Cutting / M42 Cobalt



Description: For the milling of keyways, slots and pockets in high tensile martensitic stainless steels and tough materials where the high "red hardness" and wear resistance of cobalt steel is needed to provide effective operation and long life.

Application: Plunge cutting, slotting, pocketing and profiling of aluminum, austenitic alloys, nickel alloys, stainless steel and titanium alloys.

EDP No./ Diameter	Shank Diameter	Flute Length	Overall Length
600C0-1/8X3/8	3/8	3/8	2-5/16
600C0-3/16X3/8	3/8	7/16	2-5/16
600C0-1/4X3/8	3/8	1/2	2-5/16
600C0-5/16X3/8	3/8	9/16	2-5/16
600C0-3/8X3/8	3/8	9/16	2-5/16

EDP No./ Diameter	Shank Diameter	Flute Length	Overall Length
600C0-1/2X1/2	1/2	1	3
600C0-5/8X5/8	5/8	1-5/16	3-7/16
600C0-3/4X3/4	3/4	1-5/16	3-9/16
600C0-1X3/4	3/4	1-1/2	3-3/4
600C0-1-1/4X1	1	1-5/8	4-1/8



TiN Coated End Mills

List No. XL600

Single End / 2 Flute / Center Cutting / M42 Cobalt



Description: For milling of tough, high strength alloys, these tools are made from a high cobalt steel to resist the stress and heat generated at the cutting edge.

Application: Plunge cutting, slotting, pocketing and profiling of aluminum, austenitic alloys, nickel alloys, stainless steel and titanium alloys.

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length
XL600-1/8X3/8	3/8	3/8	2-5/16
XL600-3/16X3/8	3/8	7/16	2-5/16
XL600-1/4X3/8	3/8	1/2	2-5/16
XL600-5/16X3/8	3/8	9/16	2-5/16
XL600-3/8X3/8	3/8	9/16	2-5/16

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length
XL600-1/2X1/2	1/2	1	3
XL600-5/8X5/8	5/8	1-5/16	3-7/16
XL600-3/4X3/4	3/4	1-5/16	3-9/16
XL600-1X3/4	3/4	1-1/2	3-3/4
XL600-1-1/4X1	1	1-5/8	4-1/8

CHAMPION

High Speed End Mills

List No. 602

Double End / 2 Flute / Center Cutting / HSS / Right Hand Helix



Description: Economical general purpose milling of keyways, slots and pockets. Center cutting and wide deep flutes.

Application: Plunge cutting, slotting, pocketing and profiling of aluminum, carbon steel, alloy steel, tool steel & cast iron.

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length
602-1/8X3/8	3/8	3/8	3-1/16
602-5/32X3/8	3/8	7/16	3-1/8
602-3/16X3/8	3/8	7/16	3-1/8
602-7/32X3/8	3/8	1/2	3-1/8
602-1/4X3/8	3/8	1/2	3-1/8
602-9/32X3/8	3/8	9/16	3-1/8
602-5/16X3/8	3/8	9/16	3-1/8
602-11/32X3/8	3/8	9/16	3-1/8
602-3/8X3/8	3/8	9/16	3-1/8
602-13/32X1/2	1/2	13/16	3-3/4

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length
602-7/16X1/2	1/2	13/16	3-3/4
602-15/32X1/2	1/2	13/16	3-3/4
602-1/2X1/2	1/2	13/16	3-3/4
602-9/16X5/8	5/8	1-1/8	4-1/2
602-5/8X5/8	5/8	1-1/8	4-1/2
602-11/16X3/4	3/4	1-5/16	5
602-3/4X3/4	3/4	1-5/16	5
602-7/8X7/8	7/8	1-9/16	5-1/2
602-1X1	1	1-5/8	5-7/8