

# CHAMPION

## Cobalt End Mills

List No. 601CO

Single End / Multi 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 tool life.

**Application:** Profiling and slotting of carbon steel, cast iron, die steels, stainless steel, Inconel, hardened steel and titanium. Good for finishing in many materials.

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length	No. of Flutes
601CO-1/8X3/8	3/8	3/8	2-5/16	4
601CO-3/16X3/8	3/8	1/2	2-3/8	4
601CO-1/4X3/8	3/8	5/8	2-7/16	4
601CO-5/16X3/8	3/8	3/4	2-1/2	4
601CO-3/8X3/8	3/8	3/4	2-1/2	4
601CO-1/2X1/2	1/2	1-1/4	3-1/4	4

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length	No. of Flutes
601CO-5/8X5/8	5/8	1-5/8	3-3/4	4
601CO-3/4X3/4	3/4	1-5/8	3-7/8	4
601CO-1X3/4	3/4	1-7/8	4-1/8	4
601CO-1-1/4X1	1	2	4-1/2	6
601CO-1-1/2X1-1/4	1-1/4	2	4-1/2	6



## TiN Coated Cobalt End Mills

List No. XL606

Single End / Multi Flute / Center Cutting / M42 Cobalt



**Description:** For milling of tough, high strength alloys. Made from M42 cobalt to resist the stress and heat generated in the milling of high tensile alloys.

**Application:** Profiling and slotting of carbon steel, cast iron, die steels, stainless steel, Inconel, hardened steel and titanium. Good for finishing in many materials.

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length	No. of Flutes
XL606-1/8X3/8	3/8	3/8	2-5/16	4
XL606-3/16X3/8	3/8	1/2	2-3/8	4
XL606-1/4X3/8	3/8	5/8	2-7/16	4
XL606-5/16X3/8	3/8	3/4	2-1/2	4
XL606-3/8X3/8	3/8	3/4	2-1/2	4
XL606-1/2X1/2	1/2	1-1/4	3-1/4	4

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length	No. of Flutes
XL606-5/8X5/8	5/8	1-5/8	3-3/4	4
XL606-3/4X3/4	3/4	1-5/8	3-7/8	4
XL606-1X3/4	3/4	1-7/8	4-1/8	4
XL606-1-1/4X1	1	2	4-1/2	6
XL606-1-1/2X1-1/4	1-1/4	2	4-1/2	6

# CHAMPION

## High Speed End Mills

List No. 606

Single End / 4 Flute / Center Cutting / HSS / Right Hand Helix



**Description:** For general purpose milling of slots and pockets where plunge cutting and a fine surface finish is required.

**Application:** Plunge cutting, profile & slotting of copper alloys, cast irons, alloy steels & tool steel.

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length	No. of Flutes
606-1/8x3/8	3/8	3/8	2-5/16	4
606-3/16x3/8	3/8	1/2	2-3/8	4
606-1/4x3/8	3/8	5/8	2-7/16	4
606-5/16x3/8	3/8	3/4	2-1/2	4
606-3/8x3/8	3/8	3/4	2-1/2	4
606-1/2x1/2	1/2	1-1/4	3-1/4	4

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length	No. of Flutes
606-5/8x5/8	5/8	1-5/8	3-3/4	4
606-3/4x3/4	3/4	1-5/8	3-7/8	4
606-1x1	1	2	4-1/2	4
606-1-1/4x1-1/4	1-1/4	2	4-1/2	4
606-1-1/2x1-1/4	1-1/4	2	4-1/2	4