

CHAMPION

Cobalt End Mills

List No. 602C0

Double End / 2 Flute / Center Cutting / M42 Cobalt



Description: For milling 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: 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
602C0-1/8	3/8	3/8	3-1/16
602C0-3/16	3/8	7/16	3-1/8
602C0-1/4	3/8	1/2	3-1/8
602C0-5/16	3/8	9/16	3-1/8
602C0-3/8	3/8	9/16	3-1/8
602C0-7/16	1/2	13/16	3-3/4

EDP No./ Diameter	Shank Diameter	Flute Length	Overall Length
602C0-1/2	1/2	13/16	3-3/4
602C0-5/8	5/8	1-1/8	4-1/2
602C0-3/4	3/4	1-5/16	5
602C0-7/8	7/8	1-9/16	5-1/2
602C0-1	1	1-5/8	5-7/8

CHAMPION

High Speed End Mills

List No. 604

Ball Nose / Single End / 2 Flute / Center Cutting / HSS



Description: Engineered for milling radius bottom slots and fillets, rounding the bottom of holes and all general purpose radius milling. Designed to plunge cut.

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
604-1/8x3/8	3/8	3/8	2-1/16
604-3/16x3/8	3/8	1/2	2-3/8
604-1/4x3/8	3/8	5/8	2-7/16
604-5/16x3/8	3/8	3/4	2-1/2
604-3/8x3/8	3/8	3/4	2-1/2
604-7/16x1/2	1/2	1	3
604-1/2x1/2	1/2	1	3
604-9/16x1/2	1/2	1-1/8	3-1/8
604-5/8x1/2	1/2	1-1/8	3-1/8

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length
604-5/8x5/8	5/8	1-3/8	3-1/2
604-3/4x1/2	1/2	1-5/16	3-5/16
604-3/4x3/4	3/4	1-5/8	3-7/8
604-7/8x7/8	7/8	2	4-1/4
604-1x1	1	2-1/4	4-3/4
604-1-1/8x1	1	2-1/4	4-3/4
604-1-1/4x1-1/4	1-1/4	2-1/2	5
604-1-1/2x1-1/4	1-1/4	2-1/2	5

CHAMPION

High Speed End Mills

List No. 605

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



Description: For milling radius bottom slots and fillets, rounding the bottom of holes and all general purpose radius milling. Designed to plunge cut.

Application: Plunge cutting, profile, slotting, contouring & pocketing of aluminum, austenitic alloys, nickel alloys, stainless steel & titanium alloys.

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length
605-1/8x3/8	3/8	3/8	3-1/16
605-3/16x3/8	3/8	7/16	3-1/8
605-1/4x3/8	3/8	1/2	3-1/8
605-5/16x3/8	3/8	9/16	3-1/8
605-3/8x3/8	3/8	9/16	3-1/8

EDP No. / Diameter	Shank Diameter	Flute Length	Overall Length
605-7/16x1/2	1/2	13/16	3-3/4
605-1/2x1/2	1/2	13/16	3-3/4
605-5/8x5/8	5/8	1-1/8	4-1/2
605-3/4x3/4	3/4	1-5/16	5
605-1x1	1	1-5/8	5-7/8