

CHAMPION

Locksmith Drills

List No. CT705

Carbide Tipped / Straight Flute

Description & Application: For non-precision drilling of hardened steel and safes. Ideal for drilling and extracting broken hardened bolts, such as grade 5 and grade 8.



EDP No. / Diameter	Decimal Equivalent	Flute Length	Overall Length	EDP No. / Diameter	Decimal Equivalent	Flute Length	Overall Length
CT705-1/8	.1250	1-1/2	2-3/4	CT705-1/4x6	.2500	4-1/4	6
CT705-5/32	.1562	1-7/8	3	CT705-5/16x4	.3125	2-1/2	4
CT705-3/16	.1875	1-7/8	3	CT705-5/16x6	.3125	4-1/4	6
CT705-7/32	.2187	2-1/2	4	CT705-3/8x6	.3750	4	6
CT705-1/4x4	.2500	2-1/2	4	CT705-1/2x6	.5000	4	6

CHAMPION

Die Drills

List No. CT605

Carbide Tipped /118° Point / Straight Flute

Description & Application:

For precision drilling of hardened steel and armor plate in the range of 48 to 65 Rockwell C. Drill body is reduced in size to prevent galling when drilling hard steels.

Use a constant flow of coolant and clear chips frequently. A light feed with steady pressure at 75-100 SFM (surface feed/minute) is recommended.



EDP No. / Diameter	Decimal Equivalent	Shank Diameter	Flute Length	Overall Length	EDP No. / Diameter	Decimal Equivalent	Shank Diameter	Flute Length	Overall Length
CT605-3/16	.1875	11/64	1-1/2	3-1/2	CT605-1/2	.5000	15/32	3-1/2	6
CT605-7/32	.2188	13/64	1-3/4	3-3/4	CT605-17/32	.5312	1/2	3-1/2	6
CT605-1/4	.2500	7/32	2	4	CT605-9/16	.5625	17/32	3-1/2	6
CT605-9/32	.2812	1/4	2-1/4	4-1/4	CT605-19/32	.5938	9/16	4	7
CT605-5/16	.3125	9/32	2-1/2	4-1/2	CT605-5/8	.6250	19/32	4	7
CT605-11/32	.3438	5/16	2-3/4	4-3/4	CT605-21/32	.6562	5/8	4-1-2	7-1/2
CT605-3/8	.3750	11/32	3	5	CT605-11/16	.6875	21/32	4-1/2	7-1/2
CT605-13/32	.4062	3/8	3	5-1/4	CT605-23/32	.7188	11/16	4-3/4	8
CT605-7/16	.4375	13/32	3	5-1/2	CT605-3/4	.7500	11/16	4-3/4	1
CT605-15/32	.4688	7/16	3-1/4	5-3/4					

CHAMPION

Glass & Tile Drills

List No. CT505

High Temperature Brazed Carbide Spear Point / Tool Steel Body

Description & Application: Drill glass, tile, porcelain and ceramic. Use constant flow of coolant and clear chips frequently. A light feed with steady pressure at 25 SFM(300 to 600 RPM) is recommended.

Material should be backed with wood or rubber for support during drill breakthrough. Avoid vibration and excessive stress. Keep drill sharp to eliminate excessive pressure.



EDP No. / Diameter	Decimal Equivalent	Flute Length	Overall Length	EDP No. / Diameter	Decimal Equivalent	Flute Length	Overall Length
CT505-1/8	.1250	7/64	2-1/2	CT505-7/16	.4375	3/8	3-1/2
CT505-3/16	.1875	5/32	2-1/2	CT505-1/2	.5000	7/16	3-1/2
CT505-1/4	.2500	7/32	2-1/2	CT505-9/16	.5625	1/2	4
CT505-5/16	.3123	1/4	2-3/4	CT505-5/8	.6250	9/16	4
CT505-3/8	.3750	5/16	3-1/8				

CHAMPION CUTTING TOOL CORP.