

CHAMPION**BlackGold® Silver & Deming Drills**

List No. XG12

118° Split Point / 1/2" Shank / 3 Flatted Shanks

Description: Superior strength and durability. Black and gold surface treatment holds lubricant for smoother drilling.

Application: Low carbon steels, alloyed steels, steel drop forgings, grey cast iron, titanium, stainless steel, nimonic alloys, manganese, spring steels and armor plate.



EDP No./ Diameter	Decimal Equivalent	Flute Length	Overall Length
XG12-33/64	.5156	3-1/8	6
XG12-17/32	.5312	3-1/8	6
XG12-35/64	.5469	3-1/8	6
XG12-9/16	.5625	3-1/8	6
XG12-37/64	.5781	3-1/8	6
XG12-19/32	.5938	3-1/8	6
XG12-39/64	.6094	3-1/8	6
XG12-5/8	.6250	3-1/8	6
XG12-41/64	.6406	3-1/8	6
XG12-21/32	.6562	3-1/8	6
XG12-43/64	.6719	3-1/8	6
XG12-11/16	.6875	3-1/8	6
XG12-45/64	.7031	3-1/8	6
XG12-23/32	.7188	3-1/8	6
XG12-47/64	.7344	3-1/8	6
XG12-3/4	.7500	3-1/8	6
XG12-49/64	.7656	3-1/8	6
XG12-25/32	.7812	3-1/8	6
XG12-51/64	.7969	3-1/8	6
XG12-13/16	.8125	3-1/8	6

EDP No./ Diameter	Decimal Equivalent	Flute Length	Overall Length
XG12-53/64	.8281	3-1/8	6
XG12-27/32	.8438	3-1/8	6
XG12-55/64	.8594	3-1/8	6
XG12-7/8	.8750	3-1/8	6
XG12-57/64	.8906	3-1/8	6
XG12-29/32	.9062	3-1/8	6
XG12-59/64	.9219	3-1/8	6
XG12-15/16	.9375	3-1/8	6
XG12-61/64	.9531	3-1/8	6
XG12-31/32	.9688	3-1/8	6
XG12-63/64	.9844	3-1/8	6
XG12-1	1.0000	3-1/8	6
XG12-1-1/16	1.0625	3-1/8	6
XG12-1-1/8	1.1250	3-1/8	6
XG12-1-3/16	1.1875	3-1/8	6
XG12-1-1/4	1.2500	3-1/8	6
XG12-1-5/16	1.3125	3-1/8	6
XG12-1-3/8	1.3750	3-1/8	6
XG12-1-1/2	1.5000	3-1/8	6

CHAMPION**Silver & Deming Drills**

List No. 712

1/2" Shank / 118° Point / Black & Bright Finish / HSS

Description: Also known as prentice or blacksmith drills, these 1/2" shank drills have industrial quality metallurgy and geometry for portable and fixed spindle drilling. Popular in CNC applications.

Application: Used in maintenance departments, machine shops, body shops and garages. Note: S&D drills should not be used to enlarge holes. See SA80 reamer listing.



EDP No. / Diameter	Decimal Equivalent	Flute Length	Overall Length
712-33/64	.5156	3-1/8	6
712-17/32	.5312	3-1/8	6
712-35/64	.5469	3-1/8	6
712-9/16	.5625	3-1/8	6
712-37/64	.5781	3-1/8	6
712-19/32	.5938	3-1/8	6
712-39/64	.6094	3-1/8	6
712-5/8	.6250	3-1/8	6
712-41/64	.6406	3-1/8	6
712-21/32	.6562	3-1/8	6
712-43/64	.6719	3-1/8	6

EDP No. / Diameter	Decimal Equivalent	Flute Length	Overall Length
712-11/16	.6875	3-1/8	6
712-45/64	.7031	3-1/8	6
712-23/32	.7188	3-1/8	6
712-47/64	.7344	3-1/8	6
712-3/4	.7500	3-1/8	6
712-49/64	.7656	3-1/8	6
712-25/32	.7812	3-1/8	6
712-51/64	.7969	3-1/8	6
712-13/16	.8125	3-1/8	6
712-53/64	.8281	3-1/8	6
712-27/32	.8438	3-1/8	6



EDP No./ Diameter	Decimal Equivalent	Flute Length	Overall Length	EDP No./ Diameter	Decimal Equivalent	Flute Length	Overall Length
712-55/64	.8594	3-1/8	6	712-1-7/64	1.1094	3-1/8	6
712-7/8	.8750	3-1/8	6	712-1-1/8	1.1250	3-1/8	6
712-57/64	.8906	3-1/8	6	712-1-9/64	1.1406	3-1/8	6
712-29/32	.9062	3-1/8	6	712-1-5/32	1.1562	3-1/8	6
712-59/64	.9219	3-1/8	6	712-1-11/64	1.1719	3-1/8	6
712-15/16	.9375	3-1/8	6	712-1-3/16	1.1875	3-1/8	6
712-61/64	.9531	3-1/8	6	712-1-13/64	1.2031	3-1/8	6
712-31/32	.9688	3-1/8	6	712-1-7/32	1.2188	3-1/8	6
712-63/64	.9844	3-1/8	6	712-1-15/64	1.2344	3-1/8	6
712-1	1.0000	3-1/8	6	712-1-1/4	1.2500	3-1/8	6
712-1-1/64	1.0156	3-1/8	6	712-1-9/32	1.2812	3-1/8	6
712-1-1/32	1.0312	3-1/8	6	712-1-5/16	1.3125	3-1/8	6
712-1-3/64	1.0469	3-1/8	6	712-1-3/8	1.3750	3-1/8	6
712-1-1/16	1.0625	3-1/8	6	712-1-7/16	1.4375	3-1/8	6
712-1-5/64	1.0781	3-1/8	6	712-1-1/2	1.5000	3-1/8	6
712-1-3/32	1.0938	3-1/8	6				

Cobalt Heavy Duty Silver & Deming Drills

List No. 712C0
1/2" Shank / Heavy Duty / 118° Split Point /
Cobalt Steel / Gold Oxide Finish



Description: Premium grade cobalt steel provides high red hardness, for extreme resistance to heat and abrasion.

Application: Designed to drill stainless, titanium and other tough heat generating materials.

EDP No. / Diameter	Decimal Equivalent	Flute Length	Overall Length	EDP No. / Diameter	Decimal Equivalent	Flute Length	Overall Length
712C0-17/32	.5312	3-1/8	6	712C0-29/32	.9062	3-1/8	6
712C0-9/16	.5626	3-1/8	6	712C0-15/16	.9375	3-1/8	6
712C0-19/32	.5938	3-1/8	6	712C0-31/32	.9688	3-1/8	6
712C0-5/8	.6250	3-1/8	6	712C0-1	1.000	3-1/8	6
712C0-21/32	.6562	3-1/8	6	712C0-1-1/16	1.0625	3-1/8	6
712C0-11/16	.6875	3-1/8	6	712C0-1-1/8	1.1250	3-1/8	6
712C0-23/32	.7188	3-1/8	6	712C0-1-3/16	1.1875	3-1/8	6
712C0-3/4	.7500	3-1/8	6	712C0-1-1/4	1.2500	3-1/8	6
712C0-25/32	.7812	3-1/8	6	712C0-1-5/16	1.3125	3-1/8	6
712C0-13/16	.8125	3-1/8	6	712C0-1-3/8	1.3750	3-1/8	6
712C0-27/32	.8438	3-1/8	6	712C0-1-7/16	1.4375	3-1/8	6
712C0-7/8	.8750	3-1/8	6	712C0-1-1/2	1.5000	3-1/8	6

Note: "S&D" drills should not be used to enlarge holes.

See SA80 reamer listing on page 54 for enlarging larger holes.