

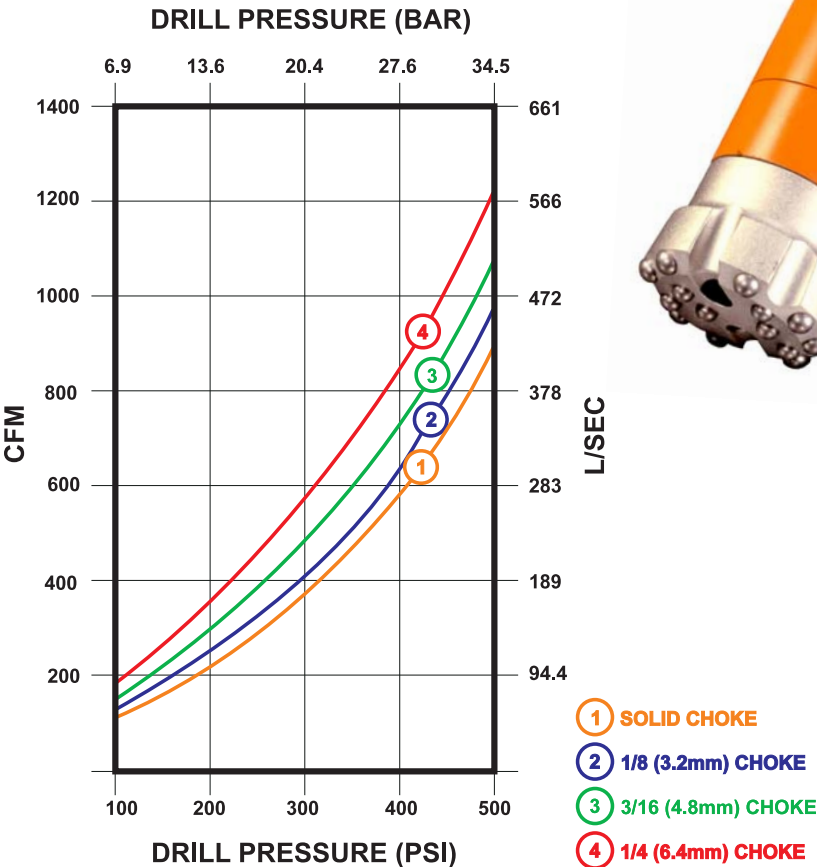


Champion[®] 40 Down Hole Hammer

FEATURES

- For use in any hard rock application
- Valveless down hole hammer design
- Delivers more energy per blow while utilizing less air
- Designed to operate at pressures to 500 PSI (34.5 BAR)
- Ability to drill efficiently against high heads of water

AIR CONSUMPTION



SPECIFICATIONS

Diameter	3-3/4"	95 mm
Bore	3"	76 mm
Stroke	4"	102 mm
Weight (Hammer only)	80 lbs	36 kg
Length (Shoulder to Shoulder)	35-3/4"	91 cm
Length (Shoulder to Bit Face)	38-3/4"	98 cm
A.P.I. Reg. Threads	2-3/8"	

- 1850 blows per minute at 350 PSI (23.8 BAR)
- Drills holes from 4-1/4" to 5-1/8" (108 mm - 130 mm) in diameter
- Accepts 340A bit shank

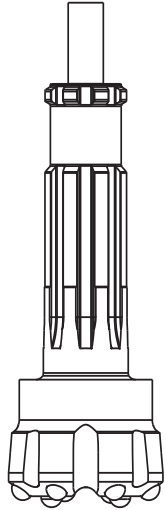
Down Hole Button Bits

Champion® 40

DIAMETER
inches (millimeters)

WEIGHT*
pounds (kilograms)

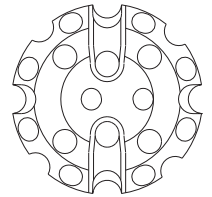
FACES AVAILABLE



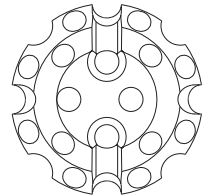
340A Bit Shank

DIAMETER	inches (millimeters)	WEIGHT*	pounds (kilograms)
4-1/4"	(108 mm)	18 lbs.	(8 kg)
4-1/2"	(115 mm)	19 lbs.	(9 kg)
4-3/4"	(121 mm)	20 lbs.	(9 kg)
5"	(127 mm)	21 lbs.	(10 kg)
5-1/8"	(130 mm)	21 lbs.	(10 kg)

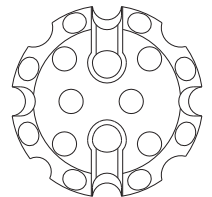
Concave



Convex



Flat



* Bit weights are approximate

FEATURES

- 9/16" (14 mm) diameter carbide gage buttons
- Carbide buttons positioned for better fracture of rock providing faster penetration rates
- Several grades and types of carbide are available
- Other bit sizes may be available upon request

For More Information Contact:

Bob Lancaster
Northeast USA
(860) 933-1715

Ted Foust
Mid-Atlantic USA
(717) 579-7809

Carl Chidester
Appalachian USA
(304) 203-2408

Jeff Hay
Southeast USA
(478) 279-4834

Virginia Lenox
Western USA
(325) 456-0695

Kathy Wagoner
Oil & Gas
Western USA
(325) 456-0407

Bruce Palmer
U.S. Construction
Latin America
(860) 234-4823

Chris Beare
Europe - Middle East
Africa - India
+44 (0) 7785 934 361

Ian Speer
Australia
+61 (0) 400 077 165