

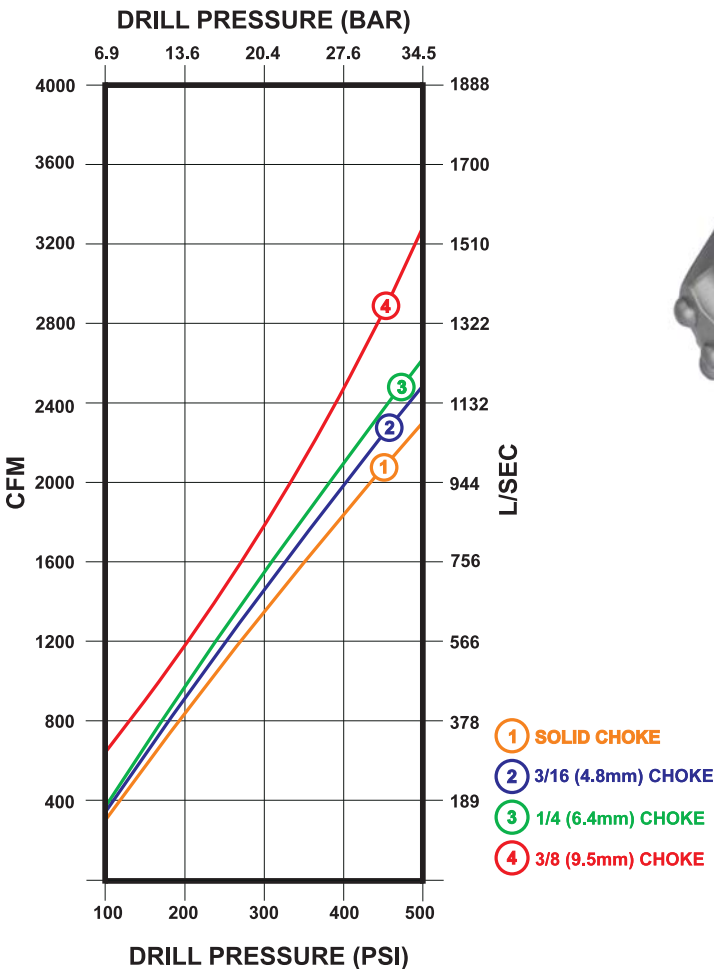


Challenger[®] 80Q Down Hole Hammer

FEATURES

- Valveless down hole hammer design
- Designed to operate at 500 PSI (34.5 BAR)
- Hardened non-reversible non-ported piston case for extended life
- Delivers more energy per blow which results in higher penetration rates in hard rock
- For use in any hard rock application

AIR CONSUMPTION



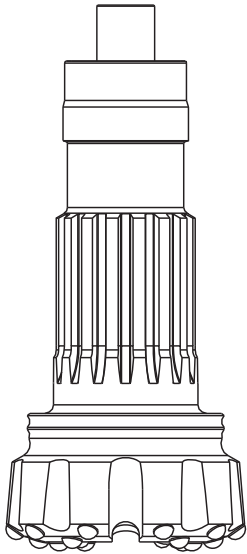
SPECIFICATIONS

Diameter	7-1/8"	181 mm
Bore	6"	152 mm
Stroke	4"	102 mm
Weight (Hammer only)	442 lbs	200 kg
Length (Shoulder to Shoulder)	54-3/4"	139 cm
Length (Shoulder to Bit Face)	59-1/2"	151 cm
A.P.I. Reg. Threads	4-1/2	

- 1550 blows per minute at 350 PSI (23.8 BAR)
- Drills holes from 7-7/8" to 10" (200 mm - 254 mm) in diameter
- Accepts QL80 bit shank

Down Hole Button Bits

Challenger® 80Q



QL80 Bit Shank

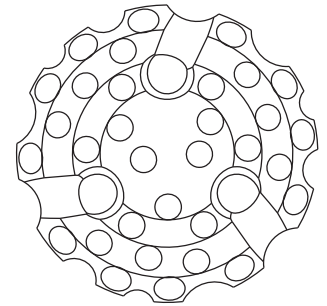
DIAMETER
inches (millimeters)

WEIGHT*
pounds (kilograms)

FACES AVAILABLE

7-7/8"	(200 mm)	107 lbs.	(48.5 kg)
8"	(203 mm)	108 lbs.	(48.9 kg)
8-1/2"	(216 mm)	114 lbs.	(51.7 kg)
8-5/8"	(219 mm)	115 lbs.	(52.2 kg)
8-3/4"	(222 mm)	116 lbs.	(52.6 kg)
8-7/8"	(225 mm)	117 lbs.	(53.1 kg)
9"	(229 mm)	122 lbs.	(55.3 kg)
10"	(254 mm)	127 lbs.	(57.6 kg)

Concave



* Bit weights are approximate

FEATURES

- 3/4" (19 mm) diameter carbide buttons throughout face
- Chipways designed for faster hole cleaning
- 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:

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