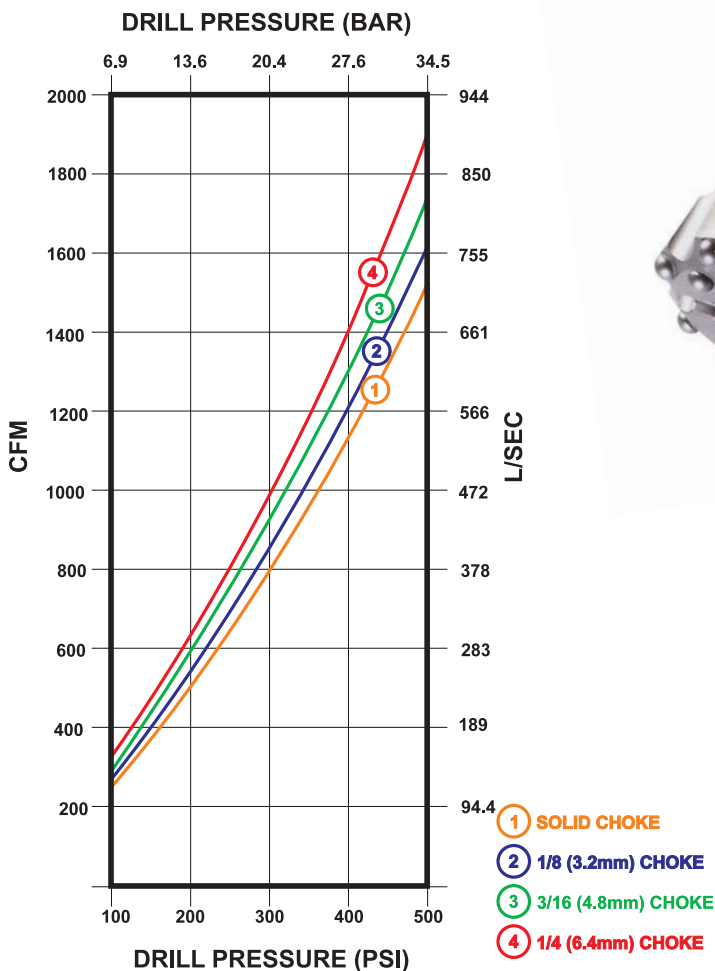


Patriot® 60W Down Hole Hammer

FEATURES

- Outdistances competitive hammers in both speed and longevity
- Simplified hammer design with less internal components
- Drills at high frequency to provide less vibration and smooth operation
- More efficient design requires less air which equals fuel savings
- Designed to operate at pressures to 500 PSI (34.5 BAR)
- Ability to drill efficiently against high heads of water

AIR CONSUMPTION



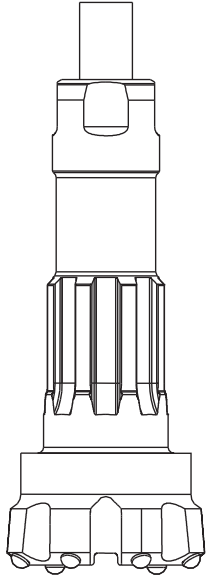
SPECIFICATIONS

Diameter	5-1/2"	140 mm
Bore	4-1/2"	114 mm
Stroke	4"	102 mm
Weight (Hammer only)	204 lbs.	93 kg
Length (Shoulder to Shoulder)	43-3/16"	1097 mm
Length (Shoulder to Bit Face)	46-13/16"	1189 mm
A.P.I. Reg. Threads	3-1/2"	

- 1800 blows per minute at 350 PSI (23.8 BAR)
- Drills holes from 6" to 8-1/2" (152 mm - 216 mm) in diameter
- Accepts 360 bit shank

Down Hole Button Bits

Patriot® 60W



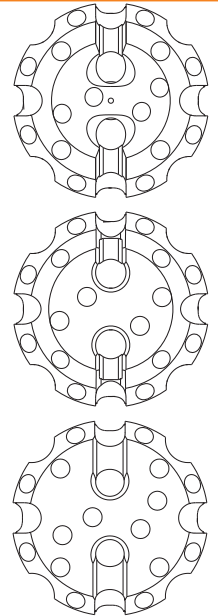
360 Bit Shank

DIAMETER
inches (millimeters)

WEIGHT*
pounds (kilograms)

FACES AVAILABLE

6"	(152 mm)	52 lbs.	(23.6 kg)	Concave
6-1/8"	(156 mm)	52 lbs.	(23.6 kg)	
6-1/4"	(159 mm)	53 lbs.	(24.1 kg)	
6-1/2"	(165 mm)	53 lbs.	(24.1 kg)	Convex
6-3/4"	(172 mm)	55 lbs.	(25.0 kg)	
7"	(178 mm)	63 lbs.	(28.6 kg)	Flat
7-1/2"	(191 mm)	66 lbs.	(30.0 kg)	
8"	(203 mm)	69 lbs.	(31.3 kg)	
8-1/2"	(216 mm)	72 lbs.	(32.7 kg)	



* Bit weights are approximate

FEATURES

- 5/8" (16 mm) diameter 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

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