



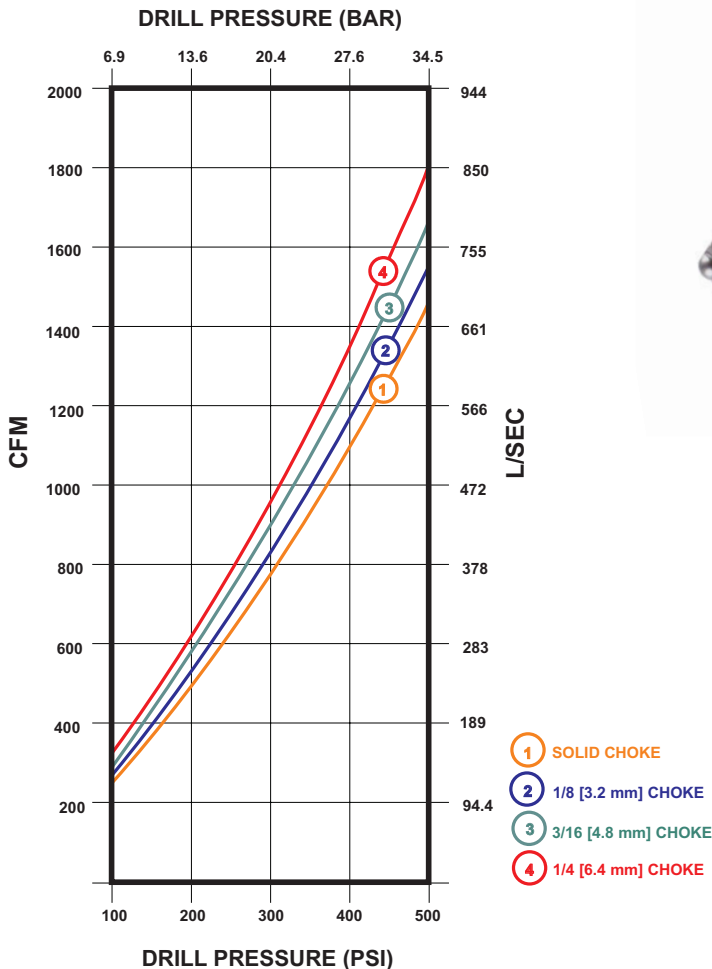
# Patriot® 60/60HD

## 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 up to 500 PSI (34.5 BAR)
- Ability to drill efficiently against high heads of water

### AIR CONSUMPTION



### SPECIFICATIONS

Diameter	P60	5-1/2"	140 mm
	P60HD	5-3/4"	146 mm
Bore		4-1/2"	114 mm
Stroke		4"	102 mm
Weight (Hammer only)	P60	185 lbs	84 kg
	P60HD	207 lbs	94 kg
Length (Shoulder to Shoulder)		38-13/16"	986 mm
Length (Shoulder to Bit Face)		42-7/16"	1078 mm
A.P.I. Reg. Threads		3-1/2	

- 1950 blows per minute at 350 PSI (23.8 BAR)
- Drills holes from 6" to 8-1/2" (152 mm - 216 mm) in diameter
- Accepts QL60 bit shank



# Down Hole Button Bits

## Patriot® 60/60HD



QL60 Bit Shank

DIAMETER		WEIGHT*		FACES AVAILABLE	
inches (millimeters)		pounds (kilograms)			
6"	(152 mm)	48 lbs.	(21 kg)	Concave	
6-1/8"	(156 mm)	48 lbs.	(21 kg)		
6-1/4"	(159 mm)	49 lbs.	(22 kg)		
6-1/2"	(165 mm)	51 lbs.	(23 kg)	Convex	
6-3/4"	(172 mm)	51 lbs.	(23 kg)		
7"	(178 mm)	59 lbs.	(27 kg)		
7-1/2"	(191 mm)	62 lbs.	(28 kg)	Flat	
8"	(203 mm)	65 lbs.	(30 kg)		
8-1/2"	(216 mm)	68 lbs.	(31 kg)		

\* Bit weights are approximate

## FEATURES

- 5/8" (16 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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