



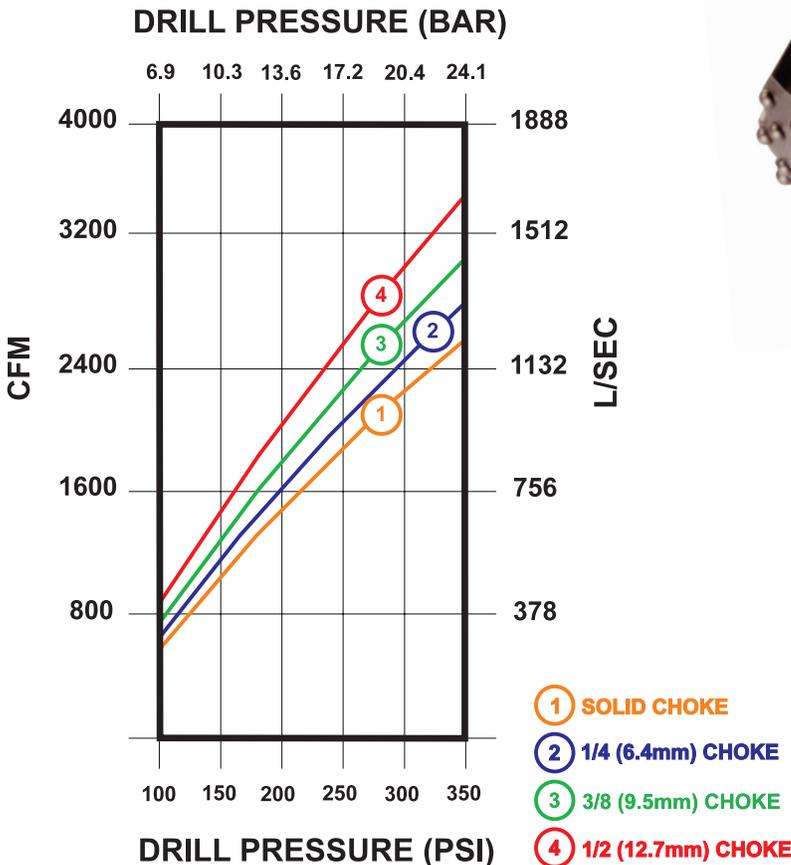
# Patriot® 120/120HD

## 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 250 PSI (17.0 BAR)
- Ability to drill efficiently against high heads of water

### AIR CONSUMPTION



### SPECIFICATIONS

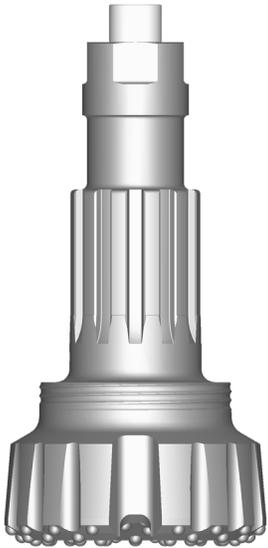
Diameter	P120	10-1/8"	257 mm
	P120HD	10-3/4"	273 mm
Bore		8-1/2"	216 mm
Stroke		5"	127 mm
Weight (Hammer only)	P120	1048 lbs.	475 kg
	P120HD	1195 lbs.	543 kg
Length (Shoulder to Shoulder)		66-3/4"	170 cm
Length (Shoulder to Bit Face)		75-3/4"	192 cm
A.P.I. Reg. Threads		6-5/8	

- 1300 blows per minute at 250 PSI (17.0 BAR)
- Drills holes from 11-7/8" to 17-1/2" (302 mm - 445 mm) in diameter
- Accepts P120 bit shank



# Down Hole Button Bits

## Patriot® 120



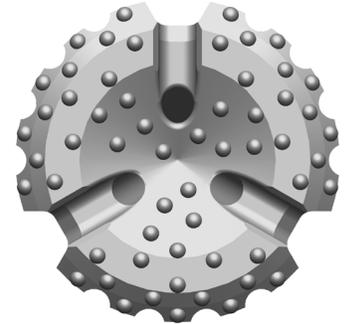
P120 Bit Shank

**DIAMETER**  
inches (millimeters)

**WEIGHT\***  
pounds (kilograms)

**FACES AVAILABLE**

11-7/8"	(302 mm)	384 lbs.	(174 kg)
12-1/4"	(312 mm)	386 lbs.	(175 kg)
12-3/8"	(315 mm)	394 lbs.	(179 kg)
13"	(331 mm)	400 lbs.	(181 kg)
14"	(356 mm)	442 lbs.	(200 kg)
15"	(381 mm)	478 lbs.	(217 kg)
16"	(406 mm)	545 lbs.	(247 kg)
17-1/2"	(445 mm)	571 lbs.	(259 kg)



Concave

\* Bit weights are approximate

## FEATURES

- Concave face design for advanced hole cleaning capabilities
- 3/4" (19 mm) diameter carbide buttons throughout face
- Several grades and types of carbide are available
- Side wear buttons are available as an option
- Other bit sizes may be available upon request

### For More Information Contact:

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