

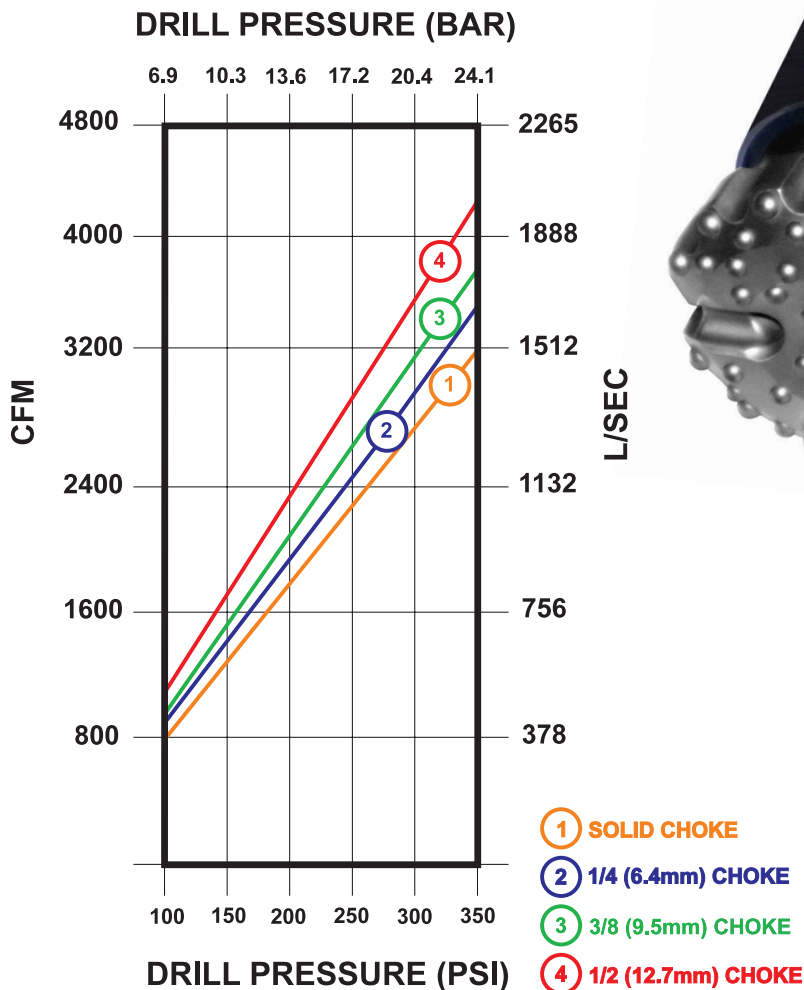


HAMMERS AND BITS
Patriot® 125
Down Hole Hammer

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	10-3/4"	273 mm
Bore	9-1/4"	235 mm
Stroke	5"	127 mm
Weight (Hammer only)	1133 lbs.	514 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	

- 1150 blows per minute at 250 PSI (17.0 BAR)
- Drills holes from 12-1/4" to 20" (312 mm - 508 mm) in diameter
- Accepts P125-NTR bit shank

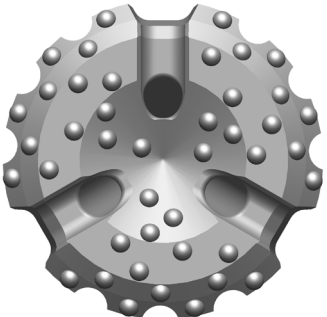


Down Hole Button Bits

Patriot® 125



P125 NTR
Bit Shank

DIAMETER		WEIGHT*		FACES AVAILABLE
inches (millimeters)		pounds (kilograms)		
12-1/4"	(312 mm)	416 lbs.	(189 kg)	 Concave
12-3/8"	(315 mm)	421 lbs.	(191 kg)	
13"	(331 mm)	444 lbs.	(201 kg)	
14"	(356 mm)	486 lbs.	(220 kg)	
15"	(381 mm)	492 lbs.	(223 kg)	
17-1/2"	(445 mm)	703 lbs.	(319 kg)	
20"	(508 mm)	865 lbs.	(392 kg)	

* Bit weights are approximate

FEATURES

- 7/8" (22 mm) and 3/4" (19 mm) polychrystalline diamond carbide (PCD) buttons
- Retained bit head allows for retrieval
- Plate drive system reduces friction between the spline surface areas
- Wear protection utilized as a gage indicator to assure proper hole size
- Recessed carbide inserts to insure longer life in tough formations
- Other bit sizes may be available upon request

For More Information Contact:

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