



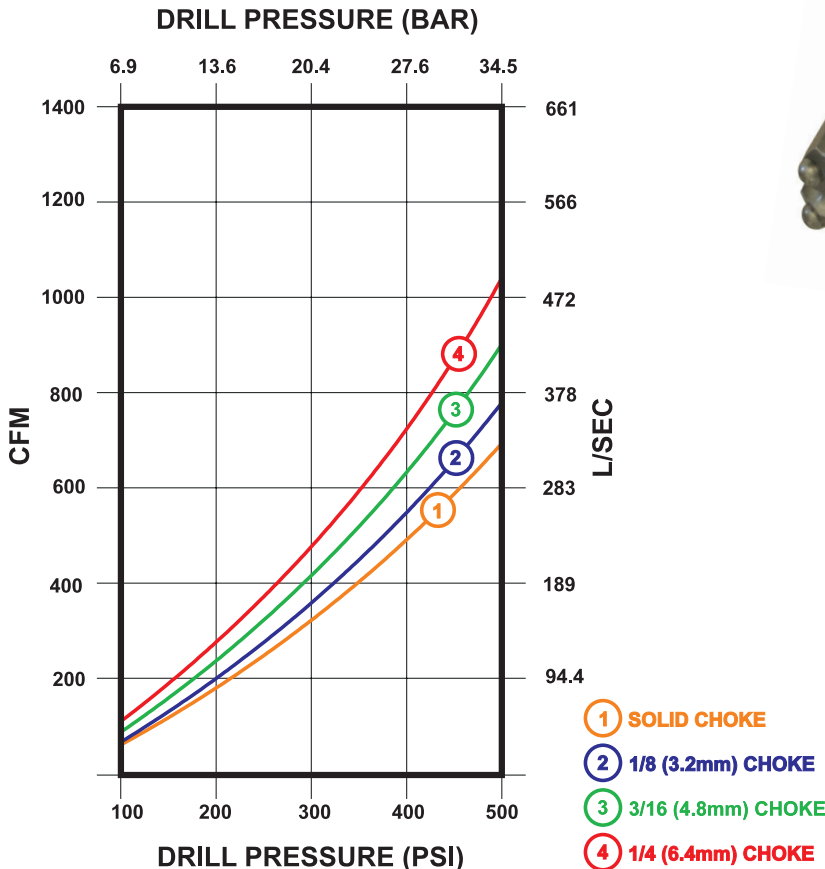
Patriot® 40/40HD

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	P40	3-3/4"	95 mm
	P40HD	3-7/8"	98 mm
Bore		3.05"	77.5 mm
		4"	102 mm
Stroke		4"	102 mm
Weight (Hammer only)	P40	78 lbs	35 kg
	P40HD	89 lbs	40 kg
Length (Shoulder to Shoulder)		36-1/8"	92 cm
Length (Shoulder to Bit Face)		39-3/8"	100 cm
A.P.I. Reg. Threads		2-3/8	

- 1960 blows per minute at 350 PSI (23.8 BAR)
- Drills holes from 4-1/4" to 5-1/8" (108 mm - 130 mm) in diameter
- Accepts 340A bit shank

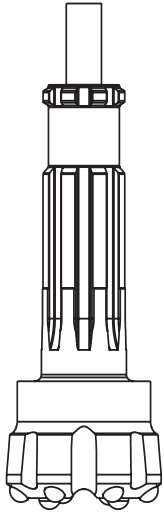
Down Hole Button Bits

Patriot® 40/40HD

DIAMETER
inches (millimeters)

WEIGHT*
pounds (kilograms)

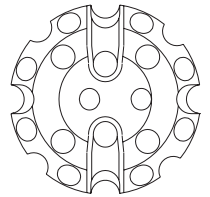
FACES AVAILABLE



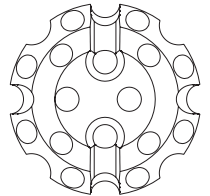
340A Bit Shank

4-1/4"	(108 mm)	18 lbs.	(8 kg)
4-1/2"	(115 mm)	19 lbs.	(9 kg)
4-3/4"	(121 mm)	20 lbs.	(9 kg)
5"	(127 mm)	21 lbs.	(10 kg)
5-1/8"	(130 mm)	21 lbs.	(10 kg)

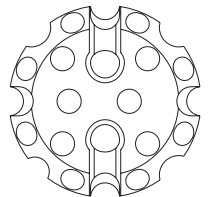
Concave



Convex



Flat



* Bit weights are approximate

FEATURES

- 9/16" (14 mm) diameter carbide gage buttons
- 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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