

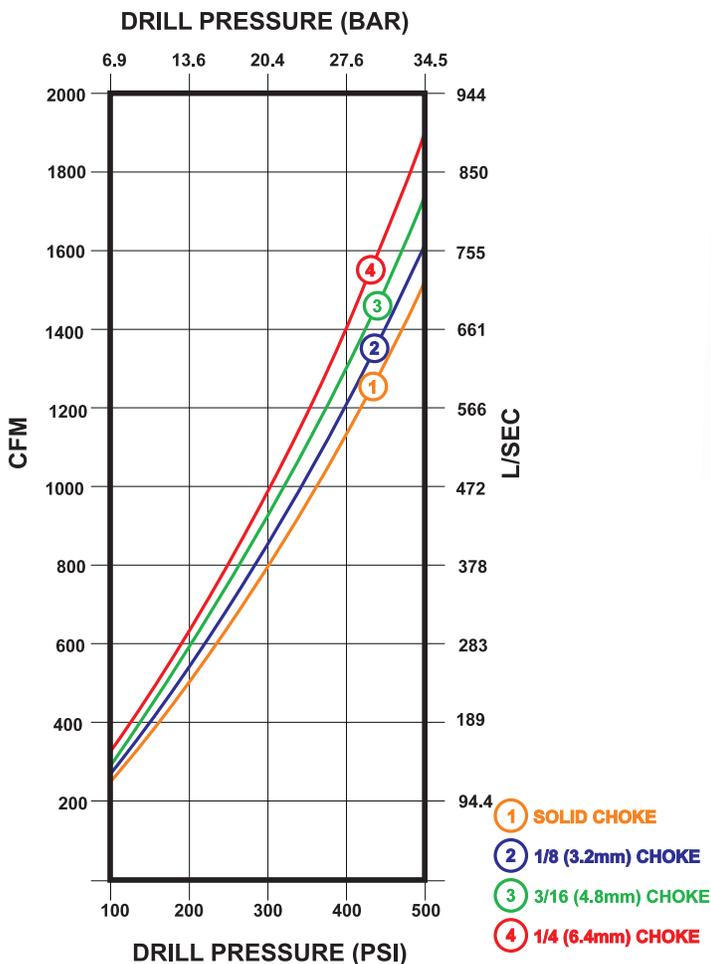


Patriot® 60WQ Down Hole Hammer

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



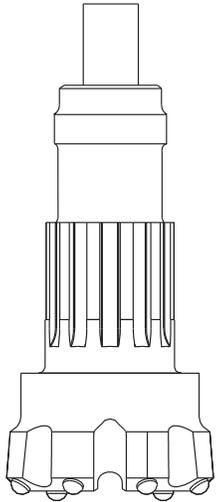
SPECIFICATIONS

| | | |
|-------------------------------|-----------|---------|
| Diameter | 5-1/2" | 140 mm |
| Bore | 4-1/2" | 114 mm |
| Stroke | 4" | 102 mm |
| Weight (Hammer only) | 192 lbs. | 87 kg |
| Length (Shoulder to Shoulder) | 41-3/16" | 1046 mm |
| Length (Shoulder to Bit Face) | 44-13/16" | 1138 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 QL60 bit shank

Down Hole Button Bits

Patriot® 60WQ



QL60 Bit Shank

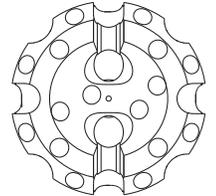
DIAMETER
inches (millimeters)

WEIGHT*
pounds (kilograms)

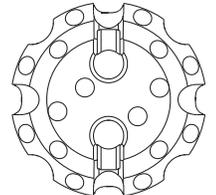
FACES AVAILABLE

| | | | |
|--------|----------|---------|---------|
| 6" | (152 mm) | 48 lbs. | (21 kg) |
| 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) |
| 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) |
| 8" | (203 mm) | 65 lbs. | (30 kg) |
| 8-1/2" | (216 mm) | 68 lbs. | (31 kg) |

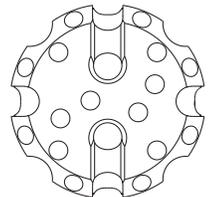
Concave



Convex



Flat



* Bit weights are approximate

FEATURES

- 5/8" (16 mm) diameter carbide buttons throughout face
- 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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