



ROCKMORE
INTERNATIONAL
Rock Drilling Tools



X TUBELESS X

Mission MI6/60 Bit Shank
Top Sub With Back Reaming Buttons
Heavy Duty Diameter

DTH HAMMER

ROK 65T-MI6

Recommended Bit Diameter
165 - 178mm [6.5" - 7.0"]

TUBELESS DESIGN (UTILIZES BIT WITHOUT BLOW TUBE / FOOT VALVE)

Features:



- Ultra High Performance Design
- Tubeless (utilizes Bit without Blow Tube / Foot Valve), eliminating breakage of plastic parts
- Operates With Standard MI6/60 Shank Design Without Blow Tube / Foot Valve
- High Efficiency Against Large Volumes of Water
- Integrated SonicFlow Technology
- Patented Innovations
- Superior Penetration Rates
- Reduced Number of Components
- Easy Assembly / Maintenance
- Advanced Materials / Heat-Treatment
- Extended Service Life

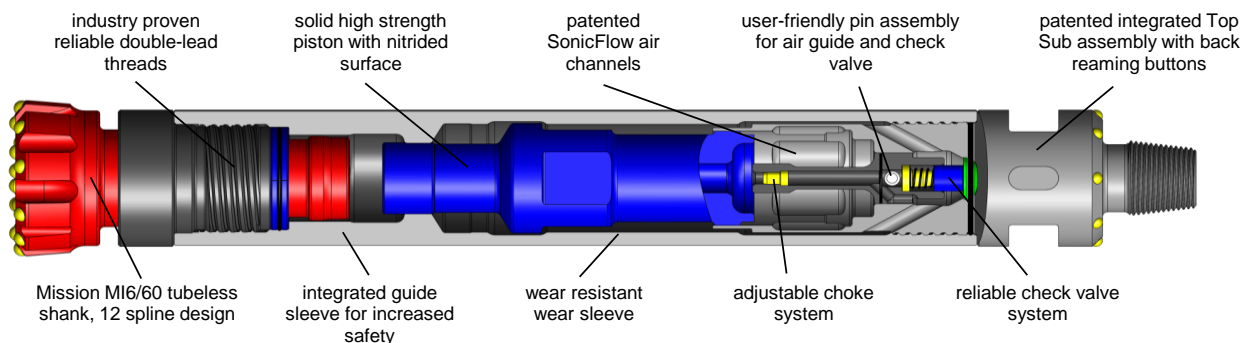
SonicFlow Technology greatly improves the air flow characteristics within the ROK hammer and ensures that the high pressure air paths are optimized to deliver greater energy to the piston. This is achieved by incorporating scientific air flow concepts in the design of the hammer and its various components such as the Top Sub, Piston, and Wear Sleeve. This technology results in more impact energy to the bit and produces higher penetration rates and better overall hammer performance.



Applications:

- Mining / Blast Hole
- Geothermal
- Construction / Quarry
- Water-Well

Innovative Design Features



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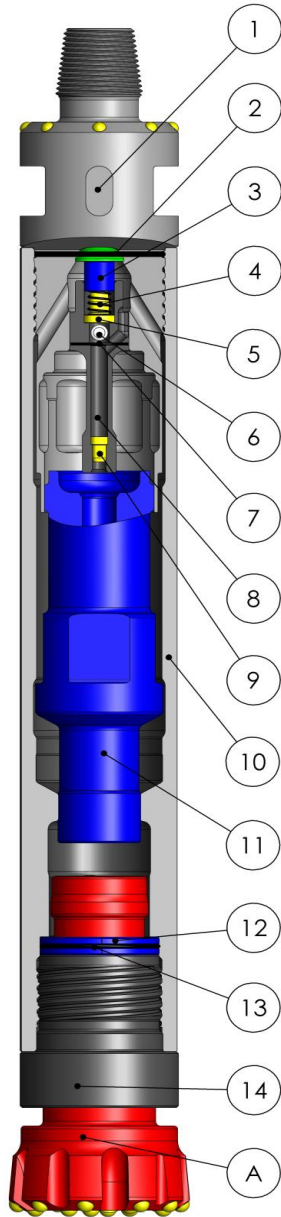


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SONICFLOW

**Integrated SonicFlow
Technology**

ROK 65T-MI6



Patented

Parts List

Item	Part Number	Description
	ROK65T-MI6-001	DTH Hammer, 65T, MI6, 3-1/2" API Reg Pin, Tubeless (Bit without Blow Tube / Foot Valve)
3	CV-002	Check Valve, Rubber
	ROK65T-MI6-002	DTH Hammer, 65T, MI6, 3-1/2" API Reg Pin, Tubeless, Delrin Check Valve (Bit without Blow Tube / Foot Valve)
3	CV-010	Check Valve, Delrin
1	650TS-001 *	Top Sub, 3-1/2" API Reg Pin with Back Reaming Buttons
2	R2-349	O-Ring, 4.475" X 0.210"
4	SP-001	Spring
5	SR-002	Spring Rest
6	PN-001	Pin, 0.625" Dia, 4.5" L
7	R2-135	O-Ring, 1.925" X 0.103"
8	AG-001	Air Guide - includes o-ring and choke
9	CH-005	Blank Choke, Nylon
10	650TWS-001	Wear Sleeve
11	PT-017	Piston
12	R2-236	O-Ring, 3.234" X 0.139"
13	BR-022	Bit Retainer Ring - includes o-ring
14	650DS-006	Driver Sub
A	DTH Bit	Mission MI6/60 Tubeless Shank
	CHSET-002	Choke Set, Nylon, 1 each of CH-005 - 0" (0mm), CH-006 - 1/16" (2mm), CH-007 - 1/8" (3mm), CH-008 - 3/16" (5mm)

* Includes o-ring

Operating Parameters

Air Pressure	Air Consumption
10.4 Bar [150 PSI]	8.6 m ³ /min [305 SCFM]
17.2 Bar [250 PSI]	19.5 m ³ /min [689 SCFM]
24.1 Bar [350 PSI]	32.4 m ³ /min [1145 SCFM]

Oil consumption: 0.2 l/hr per 3.0 m³/min [1/3 pint/hr per 100 cfm]

Recommended rotation speed: 15 r/min to 60 r/min

Minimum diameter difference between wear sleeve and bit: 12 mm [0.47"]

Technical Specifications

Bit shank type	Mission MI6/60 Tubeless Shank
Recommended bit diameter, mm [in]	165 to 178 [6.5 to 7.0]
Outside diameter, mm [in]	149 [5.9]
Wear sleeve discard diameter, mm [in]	129 [5.1]
Wrench flat size on Top Sub, mm [in]	95 [3.74]
Effective Length without drill bit, mm [in]	977 [38.5]
Weight without drill bit, kg [lbs]	94 [207.1]

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