



**ROCKMORE**  
INTERNATIONAL  
*Rock Drilling Tools*



IR 360 Bit Shank

**DTH HAMMER**

**ROK 60-360**

**Recommended Bit Diameter**  
155 - 178mm [6.1" - 7.0"]



**Features:**

- High Performance Design
- Integrated SonicFlow Technology
- Patented Innovations
- Superior Penetration Rates
- Reduced Number of Components
- Easy Assembly / Maintenance
- Advanced Materials / Heat-Treatment
- Extended Service Life

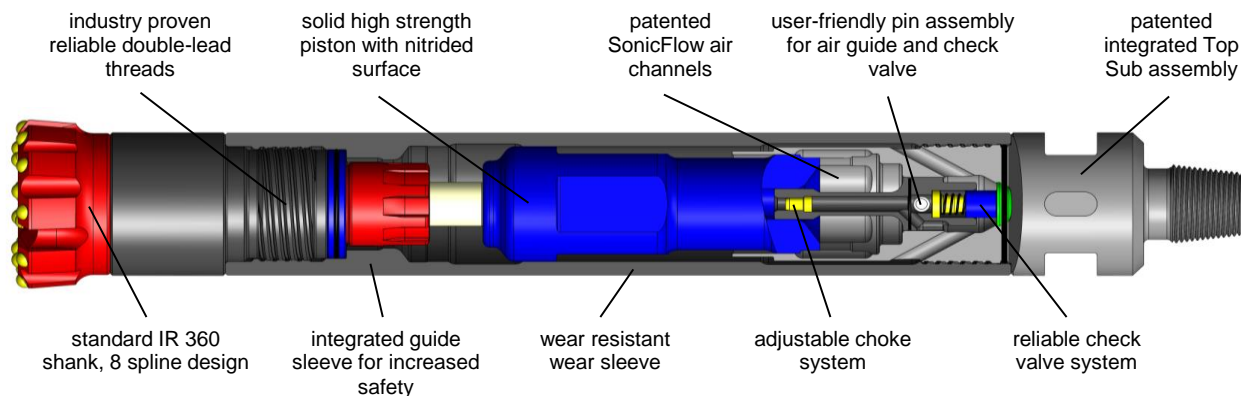
**Applications:**

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

**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.



**Innovative Design Features**



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Rev. 6-12-24

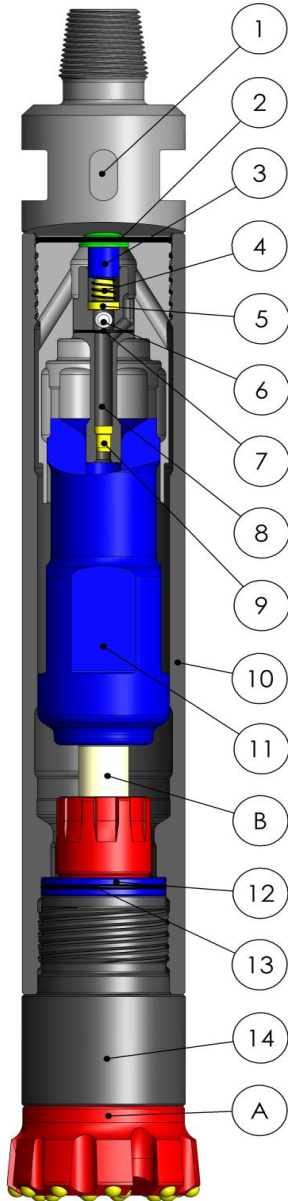


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**Integrated SonicFlow  
Technology**

## ROK 60-360



Patented

### Parts List

Item	Part Number	Description
1	ROK60-360-001	DTH Hammer, 60, IR 360, 3-1/2" API Reg Pin
	600TS-001	Top Sub, 3-1/2" API Reg Pin - <i>includes o-ring</i>
1	ROK60-360-002	DTH Hammer, 60, IR 360, 2-7/8" API Reg Pin
	600TS-002	Top Sub, 2-7/8" API Reg Pin - <i>includes o-ring</i>
2	R2-349	O-Ring, 4.475" X 0.210"
3	CV-002	Check Valve, Rubber
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 - <i>includes o-ring and choke</i>
9	CH-005	Blank Choke, Nylon
10	600WS-003	Wear Sleeve
11	PT-012	Piston
B	BT360-1005	IR 360 Blow Tube
12	R2-236	O-Ring, 3.234" X 0.139"
13	BR-008	Bit Retainer Ring - <i>includes o-ring</i>
14	600DS-003	Driver Sub
A	DTH Bit	IR 360 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)

### Operating Parameters

Air Pressure	Air Consumption
10.4 Bar [150 PSI]	7.6 m <sup>3</sup> /min [268 SCFM]
17.2 Bar [250 PSI]	16.3 m <sup>3</sup> /min [575 SCFM]
24.1 Bar [350 PSI]	25.6 m <sup>3</sup> /min [905 SCFM]
Oil consumption:	0.2 l/hr per 3.0 m <sup>3</sup> /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	IR 360
Recommended bit diameter, mm [in]	155 to 178 [6.1 to 7.0]
Outside diameter, mm [in]	142 [5.6]
Wear sleeve discard diameter, mm [in]	130 [5.1]
Wrench flat size on Top Sub, mm [in]	95 [3.74]
Effective Length without drill bit, mm [in]	996 [39.2] - <i>only for ROK60-360-001</i>
Weight without drill bit, kg [lbs]	83.9 [185.0] - <i>only for ROK60-360-001</i>

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