



**ROCKMORE**  
INTERNATIONAL  
Rock Drilling Tools



IR 360 Bit Shank  
Top Sub With Back Reaming Buttons  
Heavy Duty Diameter

<b>DTH HAMMER</b>	<b>ROK 65-360</b>	Recommended Bit Diameter 165 - 178mm [6.5" - 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

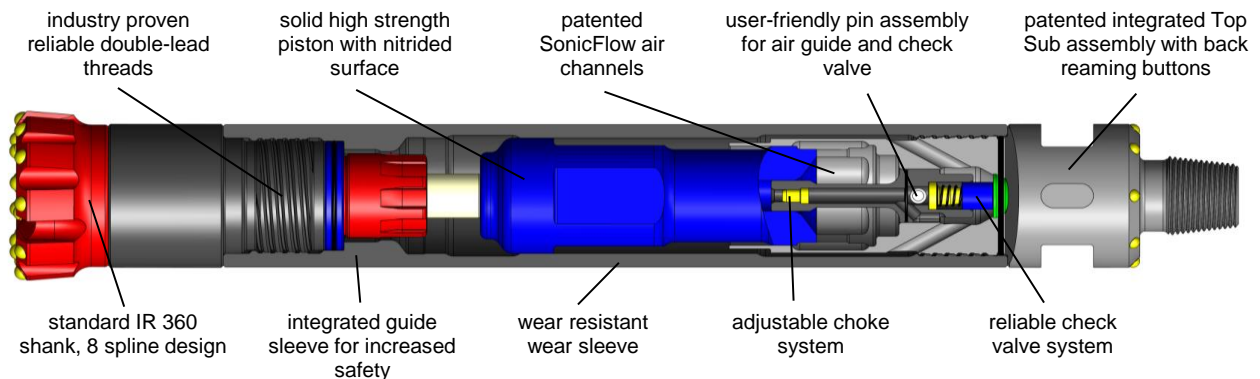
**Applications:**

- Mining / Blast Hole
- Construction / Quarry
- Water-Well      ● 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**



ROCKMORE International, Inc. 10065 S.W. Commerce Circle; Wilsonville, OR 97070, USA  
Tel: +1-503-682-1001; Fax: +1-503-682-1002; info@rockmore-intl.com

ROCKMORE International GmbH Collini - Strasse 2; A-8750 Judenburg - Austria  
Tel: +43 3572 86 300-0; Fax: +43 3572 84 179; austria@rockmore-intl.at

www.rockmore-intl.com

Rev. 6-11-24



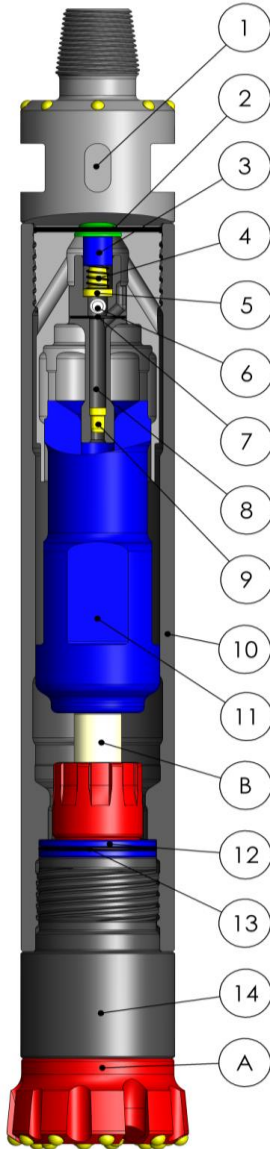
**ROCKMORE**  
INTERNATIONAL

Rock Drilling Tools



**Integrated SonicFlow  
Technology**

## ROK 65-360



Patented

### Parts List

Item	Part Number	Description
1	ROK65-360-001 650TS-001 *	DTH Hammer, 65, IR 360, 3-1/2" API Reg Pin Top Sub, 3-1/2" API Reg Pin with Back Reaming Buttons
1	ROK65-360-002 650TS-006 *	DTH Hammer, 65, IR 360, 2-7/8" API Reg Pin Top Sub, 2-7/8" API Reg Pin with Back Reaming Buttons
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 - includes o-ring and choke
9	CH-005	Blank Choke, Nylon
10	650WS-002	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 - includes o-ring
14	650DS-004	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)

\* Includes o-ring

### Operating Parameters

Air Pressure	Air Consumption
10.4 Bar [150 PSI]	7.4 m <sup>3</sup> /min [268 SCFM]
17.2 Bar [250 PSI]	15.8 m <sup>3</sup> /min [575 SCFM]
24.1 Bar [350 PSI]	24.9 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]	165 to 178 [6.5 to 7.0]
Outside diameter, mm [in]	149 [5.9]
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] - for ROK65-360-001 only
Weight without drill bit, kg [lbs]	95 208.6] - for ROK65-360-001 only

ROCKMORE International, Inc. 10065 S.W. Commerce Circle; Wilsonville, OR 97070, USA  
Tel: +1-503-682-1001; Fax: +1-503-682-1002; info@rockmore-intl.com

ROCKMORE International GmbH Collini - Strasse 2; A-8750 Judenburg - Austria  
Tel: +43 3572 86 300-0; Fax: +43 3572 84 179; austria@rockmore-intl.at

www.rockmore-intl.com

Rev. 6-11-24