



# **HYPER 63**

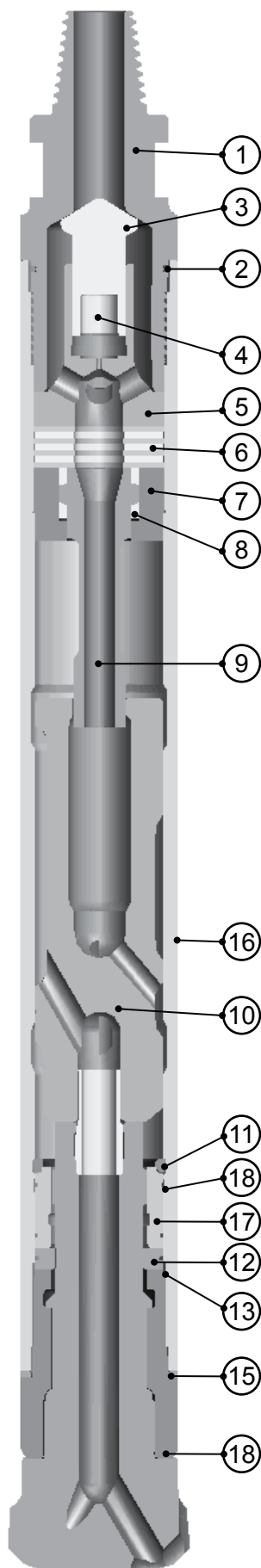
## **DTH HAMMER**

DHD 360

Technical Brochure



Certificate Number 2446/00  
ISO9001



## Hyper 63 Valveless Hammer 152mm (6") - 216mm (8½") diameter holes

The Hyper 63 is a valveless D.T.H Hammer designed for drilling 152mm to 216mm (6" to 8½") diameter holes over a wide range of operating air pressures.

This hammer is specifically designed for construction and mining applications where greater performance is required over shorter drilling distances.

The Hyper 63 is supplied with 3½" api reg pin backhead as standard but other connections are available on request. A positive fitting water check valve guards against ingress of ground water when the air is shut off.

The Hyper 63 Hammer is designed to accept Button Bits with an IR DHD 360 shank. However, the Hyper 63 can also be supplied to accept Mission SD6 type Button Bits.

### COMPONENT PARTS

Ref	Description	Part Number
1	Backhead	HSH633803M
2	Backhead 'O' Ring	HSH6114
3	Check Valve	IPRCV04
4	Check Valve Spring	IPRCVS04
5	Diverter	HSH6120
6	Compression Ring	HSH6128
7	Tube Holder	HSH6131
8	Tube Buffer (2)	HSH6129
9	Control Tube	HSH6330
10	Piston	HSH6103
11	Piston Retaining Ring	HSH6132
12	Bit Retainer Ring	HSH6337093
13	Bit Retainer 'O' Ring	HSH6137A093
14	Chuck	HSH6335093
15	Chuck Release Washer	HSH6326
16	Wearsleeve	HSH6300
17	Guide Bush	HSH6386
18	Guide Bush 'O' Rings (2)	HSH6386A
	<b>Complete Hammer</b>	<b>BR63H01</b>

### HAMMER SPECIFICATION

	Imperial	Metric
Weight (less bit)	216 lbs	98.1 Kgs
Length (less bit)	48.6"	1235 mm
Outside dia.	5.62"	142.8 mm
Piston weight	49 lbs	22.3 Kgs
Stroke	4.25"	108 mm

### AIR CONSUMPTION

PSI	BAR	C.F.M	Cu. Mtr / min
150	10.3	339	9.6
200	13.8	522	14.8
250	17.2	730	20.7
300	20.7	958	27.1



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