



HYPER 41 DTH HAMMER

Technical Brochure



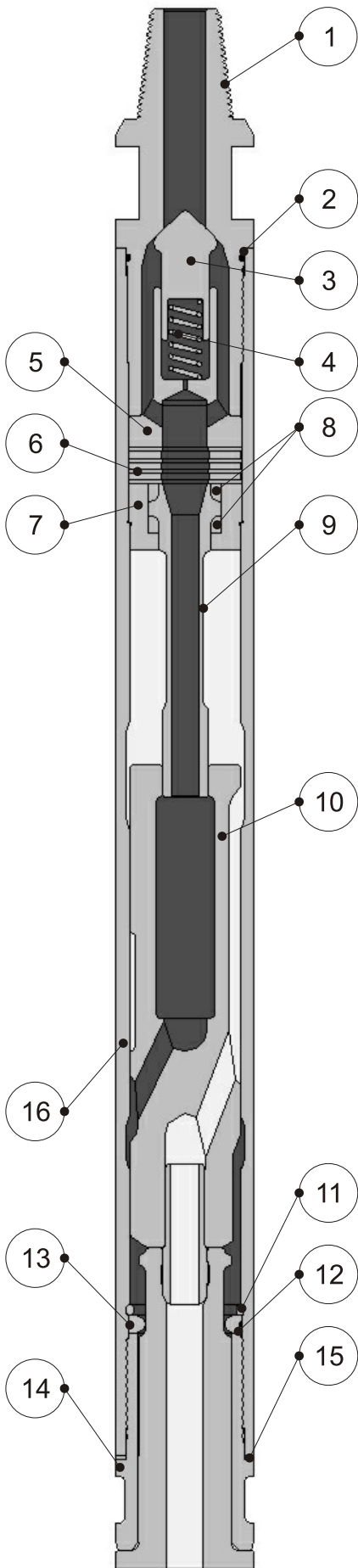
Certificate Number 2446/00
ISO9001

Hyper 41 Valveless Hammer 105mm (4 1/8") - 127mm (5") dia. Holes

The Hyper 41 is a valveless D.T.H. Hammer designed for drilling 105mm -127mm (4 1/8" - 5") dia. holes over a wide range of operating air pressures. The Hyper 41 is supplied with a 2 3/8" API reg. pin Backhead as standard but other connections are available on request. A positive fitting water check guards against the ingress of ground water when the air is shut off.

The Hyper 41 Hammer is designed to accept Button Bits with a shank and footvalve identical to the Ingersoll Rand DHD 340A.

However, the Hyper 41 can also be supplied to accept other types of Button Bits including Sandvik Mission SD4, XL4 and Halco Mach 44.



COMPONENT PARTS

Ref	Description	Part Number
1	Backhead	HSH413801M
2	Backhead 'O' Ring	IPBOR02
3	Check Valve	IPRCV02
4	Check Valve Spring	IPRCVS02
5	Diverter	HSH4120
6	Compression Ring	HSH4128
7	Tube Holder	HSH4131
8	Tube Buffer (2)	HSH4129
9	Control Tube	HSH4130
10	Piston	HSH4103
11	Piston Retaining Ring	HSH4132
12	Bit Retainer Rings	HSH4137091
13	Bit Retainer 'O' Ring	IPBROR01
14	Chuck	HSH4135091
15	Chuck Release Washers	HSH4126
16	Wearsleeve	HSH4100
	Complete Hammer	BR41H01

HAMMER SPECIFICATION

	English	Metric
Weight (less bit)	81.4lbs	37kgs
Length (less bit)	39"81.4lbs	990mm
Outside dia.	3.75"	95mm
Piston weight	17.6 lbs	8.0kg
Stroke	4.25"	108mm

AIR CONSUMPTION

PSI	BAR	C.F.M.	Cu. Mtr / min
150	10.3	150	4.2
200	13.8	232	6.5
250	17.2	325	9.2
300	20.7	427	12.1