

**Bulroc**

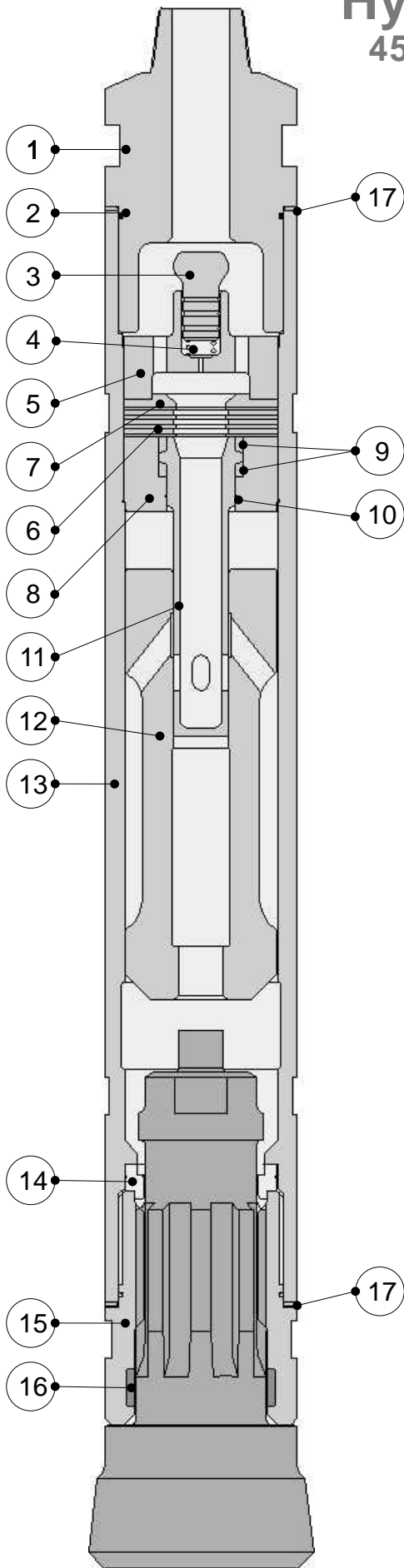


**Bulroc Hyper 181  
D.T.H HAMMER**

# Hyper 181 Valveless Hammer

## 458mm (18") - 610mm (24") dia. Holes

TECHNICAL SPECIFICATIONS



The Bulroc Hyper 181 hammer is a valveless DTH hammer designed to operate efficiently at pressures ranging from 7 to 15.5 bar (100 - 225 psi). The Hyper 181 is supplied with a 8<sup>5</sup>/<sub>8</sub>" API regular pin backhead as standard but a 8<sup>5</sup>/<sub>8</sub>" API regular box backhead can be supplied. In addition to the standard Hyper 181 button bits the Hyper 181 can easily be modified to accept bits with Mission SD18 shank design by simply replacing the Chuck, piston and bit retainers.

### COMPONENT PARTS

Ref	Description	Part Number
1	Backhead 8 <sup>5</sup> / <sub>8</sub> " Reg. Pin	HSH1813882M
2	Backhead 'O' Ring	HSH18114
3	Check Valve	HSH18108
4	Check Valve Spring	HSH18110
5	Valve Chest	HSH18107
6	Compression Buffer	HSH18128
7	Buffer Cover	HSH18173
8	Tube Holder	HSH18131
9	Tube Buffers (2)	HSH18129
10	Tube'O'Ring	HSH18130A
11	Control Tube	HSH18130
12	Piston	HSH18103180
13	Wearsleeve	HSH18100
14	Bit Retaining Ring	HSH18137180
15	Chuck	HSH18135180
16	Chuck Bearing	HSH18135180BE
17	Breakout Washers (2)	HSH18126
	<b>Complete Hammer</b>	<b>BR181H01</b>

### HAMMER SPECIFICATIONS

	English	Metric
Weight (less bit)	3545 lbs	1608 kgs
Length (less bit)	86"	2185mm
Outside dia.	16"	406mm
Bore dia.	12.25"	311mm
Piston weight	730 lbs	330 kg
Stroke	5.75"	146mm

### AIR CONSUMPTION

PSI	BAR	C.F.M.	Cu. Mtr / min
100	6.9	1097	31.1
150	10.3	2016	57.1
175	12.0	2541	71.9
200	13.8	3105	87.9
225	15.51	3705	104.9