



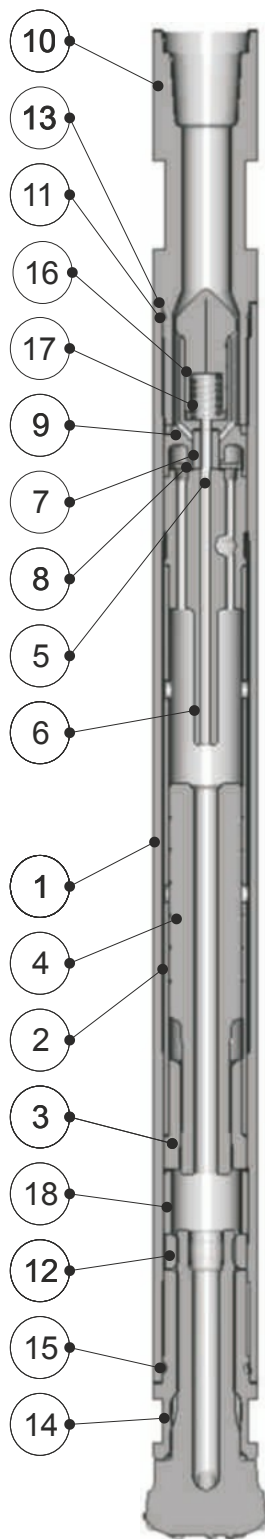
BR1 & BR2 VALVED DTH HAMMER

Technical Brochure

**MADE IN
BRITAIN**



Certificate Number 2446/00
ISO9001



Bulroc Valved Type Hammer

BR1 (60-64mm) BR2 (70-80mm) dia hole

The BR1 and BR2 are both valved type hammers designed for high performance at low operating air pressures.

Simplicity of design, ease of service and low air consumption are all factors which combine to make these hammers robust and reliable drilling tools. Both hammers are available as standard with box backheads, RD40 for the BR1 and RD50 for the BR2. However alternative backhead options are available on request.

The BR1 and BR2 hammers both incorporate a positive fitting check valve to guard against the ingress of ground water debris when the air is shut off.

COMPONENT PARTS

Ref.	Description	Part No BR1	Part No BR2
1	Wearsleeve	HSB1S00	HSB2S00
2	Inner Cylinder	HSB1S01	HSB2S01
3	Bearing	HSB1S02	HSB2S02
4	Piston	HSB1S03	HSB2S03
5	Air Metering Plug	IPP04	IPP04
6	Bevelled Valve Housing	HSB1S04	HSB2S04
7	Centraliser	HSB1S05	HSB2S05
8	Disc Valve	HSB1S06	HSB2S06
9	Valve Chest	HSB1S07	HSB2S07
10	Backhead	HSB1S3810F	HSB2S3811F
11	Backhead 'O' Ring	IPBOR06	HSB2S14
12	Bit Retaining Ring	IPBR03	HSB2S37ST
13	Backhead Spacer	IPBS05	HSB2S12
14	Chuck	HSB1S35ST	HSB2S35ST
15	Chuck Sealing Ring	IPCS05	HSB2S13
16	Check Valve	IPCV06	IPRCV01
17	Check Valve Spring	IPCVS05	IPRCVS01
18	Split Spacer	IPSS07	HSB2S36ST
Complete Hammer		BR1S01	BR2S01

BUTTON BITS

Bit Dia.	BR1	BR2
60	BBS011FF060	
64	BBS011FF064	
70		BBS012FF070
76		BBS012FF076
80		BBS012FF080

HAMMER SPECIFICATIONS

	BR1		BR2	
	English	Metric	English	Metric
Weight (less bit)	17.6lbs	8kgs	28.6lbs	13kgs
Length (less bit)	27.9"	709mm	33"	838mm
Outside dia.	2.0"	51mm	2.44"	62mm
Piston weight	2.2lbs	1kg	4.0lbs	1.8kg
Stroke	3.0"	76mm	4.0"	101mm

AIR CONSUMPTION

PSI	Bar	Hammer	CFM	M ³ /min
100	7	BR1	17.79	0.50
		BR2	26.65	0.75
150	10.3	BR1	32.69	0.93
		BR2	48.96	1.39
200	13.8	BR1	50.32	1.43
		BR2	75.38	2.13
250	17.2	BR1	70.33	1.99
		BR2	105.35	2.98