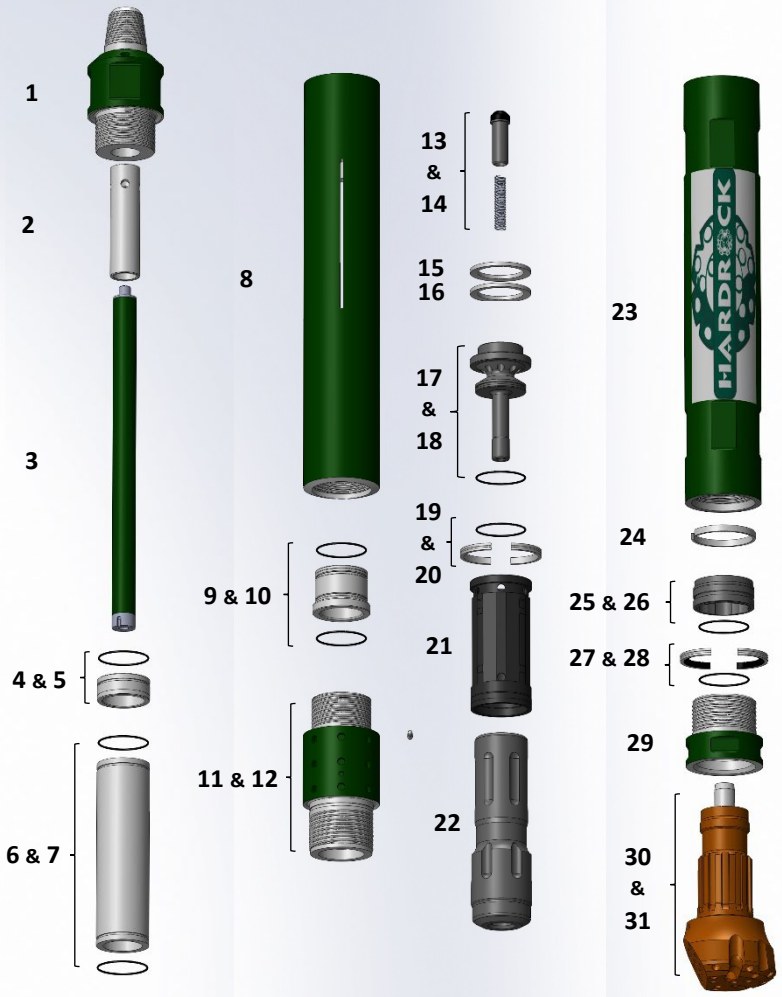


Hardrock HDD 70 Parts List



Item	Description	Part no.	QTY.
Sonde Housing Assembly		HRHDD70SA	
1	Sonde Housing Backhead	HRHDD70BKH1	1
2	Sonde Spacer	HRHDD70SSP1	1
3	DCI Sonde Carriage	HR585	1
4	Diverter	HRHDD70DIV1	1
5	Diverter O Ring	HROR701	1
6	Sealing Sleeve	HRHDD70SSL1	1
7	Sealing Sleeve O Rings	HROR701	2
8	Sonde Housing Sleeve	HRHDD70SHS1	1
9	Carriage Guide	HRHDD70CG1	1
10	Carriage Guide O Rings	HROR701	2
Hammer Housing Assembly		HRHDD70HA	
11	Bent Sub 2 Degree	HRHDD70BS2	1
12	Locating Pin	HRHDD70LP1	1
13	Check Valve	HRHDD567CV1	1
14	Check Valve Spring	HRHDDCVS1	1
15	Steel Make-up Ring	HRHDD70SMU1	1
16	Lock Ring	HRHDD70LR1	1
17	Air Distributor	HRHDD70DIS1	1
18	Air Distributor O Ring	HROR701	1
19	Seating Ring	HRHDD70SR1	1
20	Seating Ring O Ring	HROR671	1
21	Inner Cylinder	HRHDD70IC1	1
22	Piston	HRHDD70PIS10	1
23	Hammer Housing Sleeve	HRHDD70HHS1	1
24	Piston Retaining Ring	HRHDD70PRR1	1
25	Aligner	HRHDD70ALI1	1
26	Aligner O Ring	HROR701	1
27	Bit Retaining Ring	HRHDD70BRR1	1
28	Bit Retaining Ring O Ring	HROR671	1
29	Chuck	HRHDD70CK1	1
30	Blow Tube	HRHDD70BLW1	1
31	Slant Bit	HRHDD70SBIT1	1