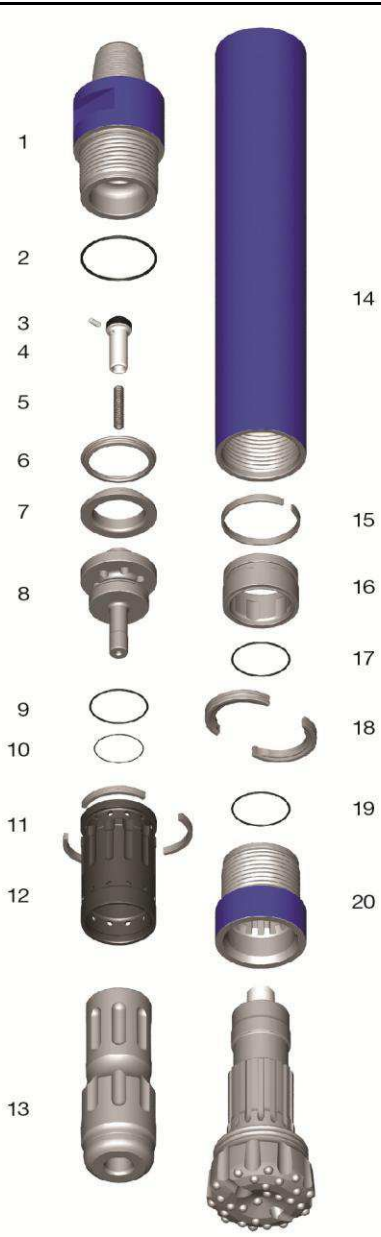




5. Appendix

5.1 DTH Hammer exploded view and Parts List and Technical Data



Item #	Part Number	Description
	MD801AS02	Mincon MP80 (4 1/2" A.P.I. Reg. Pin)
1	MD801BH01	Backhead (4 1/2" A.P.I. Reg. Pin)
2	MD822OR01	O Ring
3	MB506CH01	Choke Blank
4	MD802CV01	Check Valve
5	MB503SP01	Spring
6	MD805LR01	Lock Ring
7	MD804SM01	Steel Make-Up Ring
8	MD807DR01	Air Distributor
9	MD821OR01	O Ring
10	MD820OR01	O Ring
11	MD809SR01	Seating Ring
12	MD808IC01	Inner Cylinder
13	MD810PN02	Piston
14	MD811WS01	Wear Sleeve
15	MD812PR01	Piston Retaining Ring
16	MD813BB01	Aligner
17	MD822OR01	O Ring
18	MD814BR02	Bit Retaining Ring
19	MD821OR01	O Ring
20	MD815CK02	Chuck (QL80)
21	MD826SK02	Service Kit
	MD826SK02	Service Kit
3	MB506CH01	Choke Blank
	MB506CH02	Choke 1/8" (3.2mm)
	MB506CH03	Choke 3/16" (4.8mm)
5	MB503SP01	Spring
	MD825OK02	O Ring Kit
	MD825OK02	O Ring Kit
2	MD822OR01	O Ring
9	MD821OR01	O Ring
10	MD820OR01	O Ring
17	MD822OR01	O Ring
19	MD821OR01	O Ring

Specifications	Metric	Imperial
Hammer Outside Diameter	181mm	7.15"
Hammer Length (Less Bit, Backhead Shoulder to Chuck)	1186mm	46.7"
Backhead Spanner Flat Size	140mm	5.5"
Drill Bit Shank Type		QL80
Minimum Bit Size	203mm	8.0"
Hammer Weight (Less Bit)	173.2Kgs	381Lbs
Drill Bit Weight (216mm/8 1/2")	53.1Kgs	117Lbs
Piston Weight	39Kgs	86Lbs
Backhead Stand Off	0.75mm	0.030"
Make up Torque	8135-10850 NM	6000-8000 FT Lbs
Wear Sleeve Reverse Limit	172mm	6.770"
Wear Sleeve Discard Limit	169mm	6.650"
Recommended Minimum Air Package	425 l/s @ 24.1 Bar	900 cfm @ 350 psi