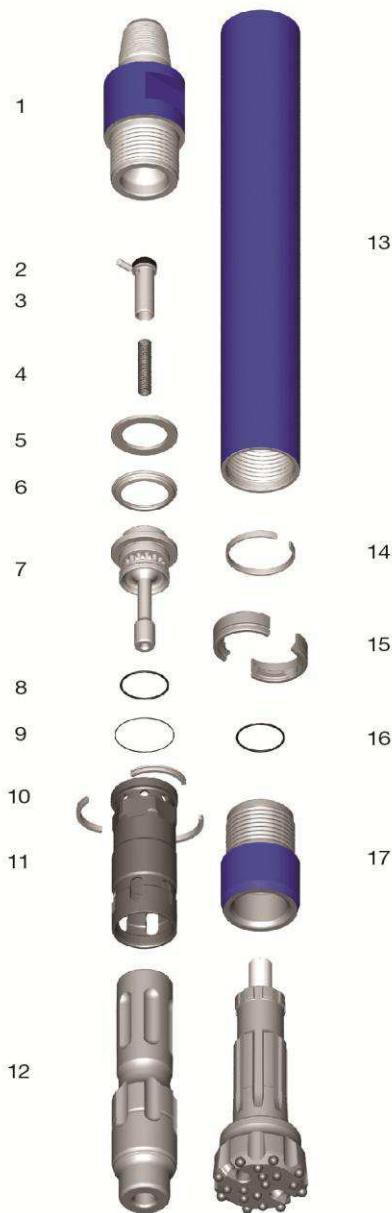




5. Appendix

5.1 DTH Hammer exploded view and Parts List and Technical Data



Item #	Part Number	Description
	MDX501AS04	Mincon 5DH (3 1/2" A.P.I. Reg. Pin)
1	MDX501BH01	Backhead (3 1/2" A.P.I. Reg. Pin)
2	MB506CH01	Choke Blank
3	MB502CV01	Check Valve
4	MB503SP01	Spring
5	MB504SM01	Steel Make-Up Ring
6	MB505LR01	Lock Ring
7	MB507DR01	Air Distributor
8	MB521OR01	O Ring
9	MB523OR01	O Ring
10	MB509SR01	Seating Ring
11	MD508IC01	Inner Cylinder
12	MD510PN02	Piston
13	MDX511WS03	Wear Sleeve
14	MB511PR01	Piston Retaining Ring
15	MB513BR01	Bit Retaining Ring
16	MB520OR01	O Ring
17	MDX514CK01	Chuck (DHD350R)
18	MB526SK02	Service Kit
	MB526SK02	Service Kit
2	MB506CH01	Choke Blank
	MB506CH02	Choke 1/8" (3.2mm)
	MB506CH03	Choke 3/16" (4.8mm)
4	MB503SP01	Spring
	MB525OK02	O Ring Kit
	MB525OK02	O Ring Kit
8	MB521OR01	O Ring
9	MB523OR01	O Ring
16	MB520OR01	O Ring

Specifications	Metric	Imperial
Hammer Outside Diameter	124mm	4.88"
Hammer Length (Less Bit, Backhead Shoulder to Chuck)	1054mm	41.5"
Backhead Spanner Flat Size	89mm	3.5"
Drill Bit Shank Type		QL50
Minimum Bit Size	140mm	5.5"
Hammer Weight (Less Bit)	67.3Kgs	148Lbs
Drill Bit Weight (146mm/5 3/4")	17.7Kgs	39Lbs
Piston Weight	15.0Kgs	33.6Lbs
Backhead Stand Off	0.75mm	0.030"
Make up Torque	5085-6780 NM	3750-5000 FT Lbs
Wear Sleeve Reverse Limit	116.1mm	4.570"
Wear Sleeve Discard Limit	111.8mm	4.400"
Recommended Minimum Air Package	283 l/s @ 17.2 Bar	600 cfm @ 250 psi