



5. Appendix

5.1 DTH Hammer exploded view and Parts List and Technical Data



Item #	Part Number	Description
	MBX501AS05	Mincon MP55SD (3 1/2" A.P.I. Reg. Pin)
1	MBX501BH02	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	MB508IC02	Inner Cylinder
12	MB510PN05	Piston
13	MBX511WS03	Wear Sleeve
14	MB511PR01	Piston Retaining Ring
15	MB513BR04	Bit Retaining Ring
16	MBX514CK05	Chuck (SD5)
17	MB526SK03	Service Kit
	MB526SK03	Service Kit
2	MB506CH01	Choke Blank
	MB506CH02	Choke 1/8" (3.2mm)
	MB506CH03	Choke 3/16" (4.8mm)
4	MB503SP01	Spring
	MB525OK03	O Ring Kit
	MB525OK03	O Ring Kit
8	MB521OR01	O Ring
9	MB523OR01	O Ring

Specifications	Metric	Imperial
Hammer Outside Diameter	124mm	4.88"
Hammer Length (Less Bit, Backhead Shoulder to Chuck)	1014mm	39.9"
Backhead Spanner Flat Size	89mm	3.5"
Drill Bit Shank Type	SD5/4315	
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