



## 5. Appendix

### 5.1 DTH Hammer exploded view and Parts List and Technical Data



Item #	Part Number	Description
	<b>MD601AS06</b>	<b>Mincon 6DHSD (3 1/2" A.P.I. Reg. Pin)</b>
1	MD601BH01	Backhead (3 1/2" A.P.I. Reg. Pin)
2	MD622OR01	O Ring
3	MB506CH01	Choke Blank
4	MB502CV01	Check Valve
5	MB503SP01	Spring
6	MD604SM01	Steel Make-Up Ring
7	MD605LR01	Lock Ring
8	MD607DR01	Air Distributor
9	MD621OR01	O Ring
10	MD620OR01	O Ring
11	MD609SR01	Seating Ring
12	MD608IC01	Inner Cylinder
13	MD610PN03	Piston
14	MD611WS01	Wear Sleeve
15	MD612PR01	Piston Retaining Ring
16	MD614BR02	Bit Retaining Ring
17	MD615CK03	Chuck (SD6)
18	MD626SK03	Service Kit
	<b>MD626SK03</b>	<b>Service Kit</b>
3	MB506CH01	Choke Blank
	MB506CH02	Choke 1/8" (3.2mm)
	MB506CH03	Choke 3/16" (4.8mm)
5	MB503SP01	Spring
	MD625OK03	O Ring Kit
	<b>MD625OK03</b>	<b>O Ring Kit</b>
2	MD622OR01	O Ring
9	MD621OR01	O Ring
10	MD620OR01	O Ring

Specifications	Metric	Imperial
Hammer Outside Diameter	140mm	5.5"
Hammer Length (Less Bit, Backhead Shoulder to Chuck)	1085mm	42.7"
Backhead Spanner Flat Size	100mm	4"
Drill Bit Shank Type	SD6/5315	
Minimum Bit Size	152mm	6.0"
Hammer Weight (Less Bit)	95.3Kgs	210Lbs
Drill Bit Weight (156mm/6 1/8")	27.2Kgs	60Lbs
Piston Weight	20Kgs	44Lbs
Backhead Stand Off	0.75mm	0.030"
Make up Torque	6100-8135 NM	4500-6000 FT Lbs
Wear Sleeve Reverse Limit	135.0mm	5.310"
Wear Sleeve Discard Limit	128.5mm	5.060"
Recommended Minimum Air Package	283 l/s @ 20.7 Bar	600 cfm @ 300 psi