



5. Appendix

5.1 DTH Hammer exploded view and Parts List and Technical Data



Item #	Part Number	Description
	M3601AS01	Mincon 6DH360 (3 1/2" A.P.I. Reg. Pin)
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	M3604SR01	Spacer
7	MD604SM01	Steel Make-Up Ring
8	MD605LR01	Lock Ring
9	M3607DR01	Air Distributor
10	MD621OR01	O Ring
11	MD620OR01	O Ring
12	MD609SR01	Seating Ring
13	MD608IC01	Inner Cylinder
14	M3610PN01	Piston
15	M3611WS01	Wear Sleeve
16	MD612PR01	Piston Retaining Ring
17	M3613BB01	Aligner
18	MD622OR01	O Ring
19	M3614BR01	Bit Retaining Ring
20	MD621OR01	O Ring
21	M3615CK01	Chuck (DHD360)
22	MD626SK01	Service Kit
	MD626SK01	Service Kit
3	MB506CH01	Choke Blank
	MB506CH02	Choke 1/8" (3.2mm)
	MB506CH03	Choke 3/16" (4.8mm)
5	MB503SP01	Spring
	MD625OK01	O Ring Kit
	MD625OK01	O Ring Kit
2	MD622OR01	O Ring
10	MD621OR01	O Ring
11	MD620OR01	O Ring
18	MD622OR01	O Ring
20	MD621OR01	O Ring

Specifications	Metric	Imperial
Hammer Outside Diameter	140mm	5.5"
Hammer Length (Less Bit, Backhead Shoulder to Chuck)	1134mm	44.7"
Backhead Spanner Flat Size	100mm	4"
Drill Bit Shank Type		DHD360
Minimum Bit Size	152mm	6.0"
Hammer Weight (Less Bit)	95.3Kgs	210Lbs
Drill Bit Weight (156mm/6 1/8")	24.5Kgs	54Lbs
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