



## 5. Appendix

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



Item #	Part Number	Description
	<b>MD1201AS02</b>	<b>Mincon XP120QL (6 5/8" A.P.I. Reg. Pin)</b>
1	MD1201BH01	Backhead (6 5/8" A.P.I. Reg. Pin)
2	MD1220OR01	O Ring
3	MB506CH01	Choke Blank
4	MD1202CV01	Check Valve
5	MD1203SP01	Spring
6	MD1205LR01	Lock Ring
7	MD1207DR01	Air Distributor
8	MD1221OR01	O Ring
9	MD1222OR01	O Ring
10	MD1209SR01	Seating Ring
11	MD1208IC01	Inner Cylinder
12	MD1210PN04	Piston
13	MD1211WS01	Wear Sleeve
14	MD1212PR01	Piston Retaining Ring
15	MD1213BB03	Aligner
16	MD1220OR01	O Ring
17	MD1214BR03	Bit Retaining Ring
18	MD1223OR01	O Ring
19	MD1217CB01	Chuck Bushing
20	MD1215CK04	Chuck (QL120)
21	MD1226SK02	Service Kit
	<b>MD1226SK02</b>	<b>Service Kit</b>
3	MB506CH01	Choke Blank
	MB506CH02	Choke 1/8" (3.2mm)
	MB506CH03	Choke 3/16" (4.8mm)
5	MD1203SP01	Spring
	MD1225OK02	O Ring Kit
	<b>MD1225OK02</b>	<b>O Ring Kit</b>
2	MD1220OR01	O Ring
8	MD1221OR01	O Ring
9	MD1222OR01	O Ring
16	MD1220OR01	O Ring
18	MD1223OR01	O Ring

Specifications	Metric	Imperial
Hammer Outside Diameter	273mm	10.75"
Hammer Length (Less Bit, Backhead Shoulder to Chuck)	1437mm	56.6"
Backhead Spanner Flat Size	240mm	9.5"
Drill Bit Shank Type		QL120
Minimum Bit Size	305mm	12"
Hammer Weight (Less Bit)	567.3Kgs	1248Lbs
Drill Bit Weight (305mm/12")	128.6Kgs	283Lbs
Piston Weight	121Kgs	266Lbs
Backhead Stand Off	2mm	0.080"
Make up Torque	15250-16270 NM	11250-12000 FT Lbs
Wear Sleeve Reverse Limit		Non Reversible
Wear Sleeve Discard Limit	255.3mm	10.051"
Recommended Minimum Air Package	519 l/s @ 24.1 Bar	1100 cfm @ 350 psi