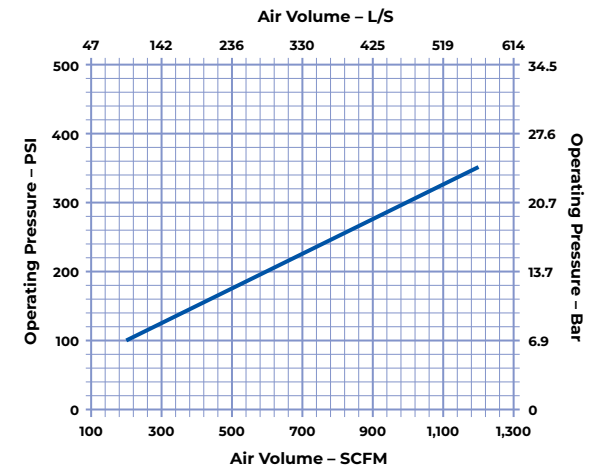




Item #	Part Number	Description
	<b>MD901AS05</b>	<b>MP90-TD (4 1/2 API Backhead)</b>
1	MD901BH05	Backhead (4 1/2 API Reg Pin)
2	MD922OR01	O Ring
3	MD802CV02	Check Valve
4	MB503SP01	Spring
5	MD905LR01	Lock Ring
6	MD904SM01	Steel Make-Up Ring
7	MD907DR01	Air Distributor
8	MD921OR01	O Ring
9	MD820OR01	O Ring
10	MD909SR01	Seating Ring
11	MD908IC01	Inner Cylinder
12	MD910PN01	Piston
13	MD911WS01	Wear Sleeve
14	MD912PR01	Piston Retaining Ring
15	MD913BB01	Aligner
16	MD922OR01	O Ring
17	MD914BR01	Bit Retaining Ring
18	MD821OR01	O Ring
19	MD916BO02	Breakout ring
20	MD915CK04	Chuck (TD90)
	<b>MD926SK01</b>	<b>Service Kit</b>
4	MB503SP01	Spring
	MD925OK01	O Ring Kit
	<b>MD925OK01</b>	<b>O Ring Kit</b>
	O Rings	O Rings for positions #2, #8, #9, #16, #18

Specifications	Metric	Imperial
Hammer Outside Diameter	195 mm	7.7"
Shoulder to Shoulder	1,355 mm	53.3"
Backhead Spanner Flat Size	135 mm	5.3"
Drill Bit Shank Type	TD90	
Minimum Bit Size	229 mm	9"
Hammer Weight (Less Bit)	234 kg	515.9 lbs
Drill Bit Weight	71.7 kg	158.1 lbs
Piston Weight	59.4 kg	131 lbs
Backhead Stand Off	1.5 mm	0.06"
Make up Torque	9,485-12,195 Nm	7,000-9,000 ft.lbf
Wear Sleeve Reverse Limit	Non-Reversible	
Wear Sleeve Discard Limit	181 mm	7.13"

Stated drill bit weight is indicative only. Actual drill bit weight will vary based on drill bit head size and carbide configuration.



**Disclaimer:**

1. Air consumption values are based on a combination of simulation data and real-world testing.
2. All air charts are based on normal temperature and atmospheric pressure: 20°C and 101.325 kPa (68°F and 14.696 psi).
3. Air density decreases with altitude, which will increase air consumption. Please consult the Mincon technical implementation team for exact air package requirements that take account for altitude and ground conditions.