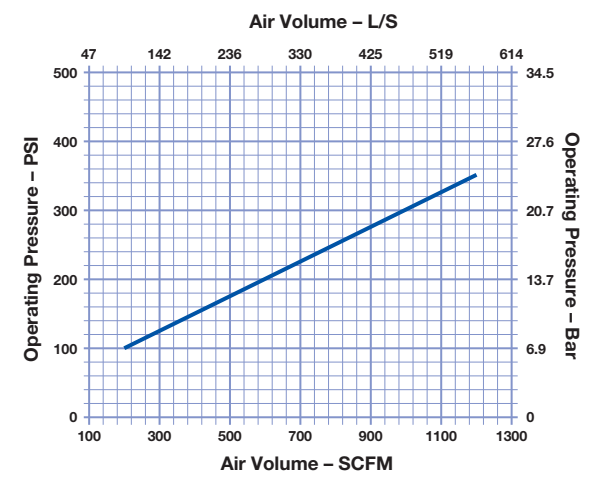




Item #	Part Number	Description
<b>MD901AS05</b>		<b>MP90-TD (4 1/2" A.P.I. Reg. Pin)</b>
1	MD901BH05	Backhead (4 1/2" A.P.I. Reg. Pin)
2	MD922OR01	O Ring
3	MB506CH01	Choke Blank
4	MD802CV01	Check Valve
5	MB503SP01	Spring
6	MD904SM01	Steel Make-Up Ring
7	MD905LR01	Lock Ring
8	MD907DR01	Air Distributor
9	MD921OR01	O Ring
10	MD820OR01	O Ring
11	MD909SR01	Seating Ring
12	MD908IC01	Inner Cylinder
13	MD910PN01	Piston
14	MD911WS01	Wear Sleeve
15	MD912PR01	Piston Retaining Ring
16	MD913BB01	Aligner
17	MD922OR01	O Ring
18	MD914BR01	Bit Retaining Ring
19	MD821OR01	O Ring
20	MD916BO02	Breakout ring
21	MD915CK04	Chuck (TD90)
<b>MD926SK01</b>		<b>Service Kit</b>
3	MB506CH01	Choke Blank
	MB506CH02	Choke 1/8" (3.2mm)
	MB506CH03	Choke 3/16" (4.8mm)
5	MB503SP01	Spring
	MD925OK01	O Ring Kit
<b>MD925OK01</b>		<b>O Ring Kit</b>
	O Rings	O Rings at positions #2, #9, #10, #17, #19

Specifications	Metric	Imperial
Hammer Outside Diameter	195mm	7.7"
Shoulder to Shoulder	1355mm	53.3"
Backhead Spanner Flat Size	135mm	5.3"
Drill Bit Shank Type	TD90	
Minimum Bit Size	229mm	9"
Hammer Weight (Less Bit)	234kg	516 lbs
Drill Bit Weight	71.7kg	158.1 lbs
Piston Weight	59.4kg	131 lbs
Backhead Stand Off	1.5mm	0.06"
Make up Torque	9,485-12,195Nm	7,000-9,000 ft.lbf
Wear Sleeve Reverse Limit	Non-Reversible	
Wear Sleeve Discard Limit	181mm	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.