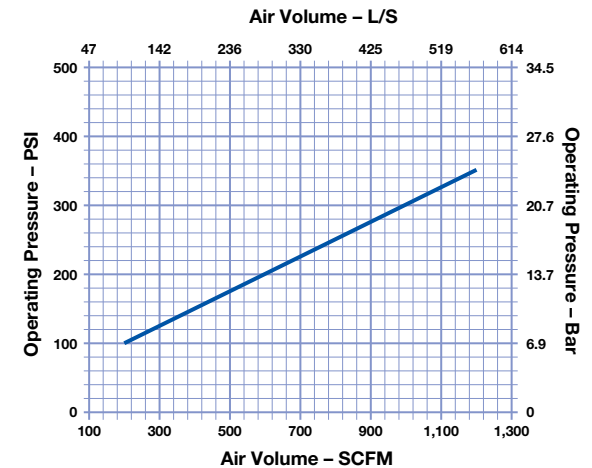




| Item #  | Part Number | Description                                |
|---|-------------|--|
| <b>MD901AS05 MP90-TD (4 1/2" A.P.I. Reg. Pin)</b> |             |  |
| 1   | MD901BH05   | Backhead (4 1/2" A.P.I. Reg. Pin)          |
| 2   | MD922OR01   | O Ring                                     |
| 3   | MB506CH01   | Choke Blank                                |
| 4   | MD802CV01   | Check Valve                                |
| 5   | MB503SP01   | Spring                                     |
| 6   | MD905LR01   | Lock Ring                                  |
| 7   | MD904SM01   | Steel Make-Up 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 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 O Ring Kit</b>                       |             |  |
|   | O Rings     | O Rings at positions #2, #9, #10, #17, #19 |

| 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.