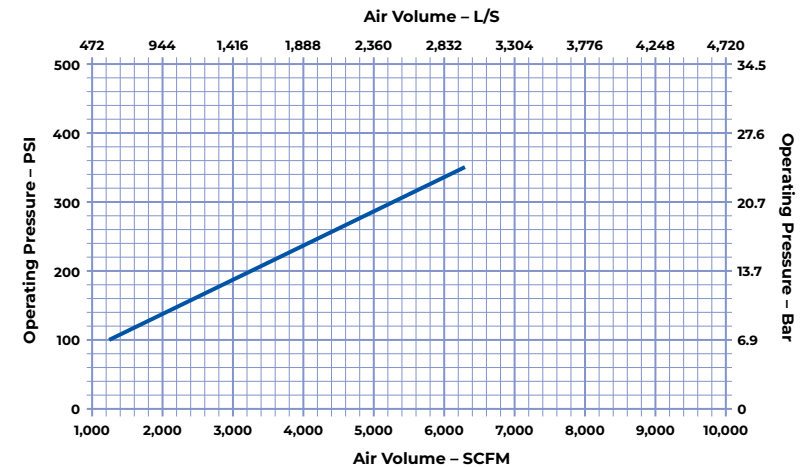




| Item # | Part Number       | Description  |
|--------|-------------------|--|
|        | <b>MD1801AS07</b> | <b>Mincon MP180-N180 (8 5/8" A.P.I. Reg. Pin)</b>    |
| 1      | MD1819BI01        | Backhead Insert (8 5/8" A.P.I. Reg. Pin)             |
| 2      | MD1817BO06        | Breakout ring (Backhead Insert)                      |
| 3      | MD1816TB06        | Backhead Tube  |
| 4      | MD621OR01         | O-Ring   |
| 5      | MD1804SM02        | Make-up Ring   |
| 6      | MD1821OR03        | O-Ring   |
| 7      | MD1806CH01        | Choke Blank  |
| 8      | MD1802CV01        | Check Valve  |
| 9      | MD1803SP01        | Spring   |
| 10     | MD1807DR03        | Air Distributor                                      |
| 11     | MD1821OR02        | O-Ring   |
| 12     | MD1801BH04        | Backhead Cylinder                                    |
| 13     | MD1820OR01        | O-Ring   |
| 14     | MD1817BO04        | Breakout Ring (Backhead)                             |
| 15     | MD1810PN01        | Piston   |
| 16     | MD1811WS01        | Wear Sleeve  |
| 17     | MD1812PR01        | Piston Retaining Ring                                |
| 18     | MD1813BB01        | Aligner  |
| 19     | MD1822OR01        | O-Ring   |
| 20     | MD1814BR01        | Bit Retaining Ring                                   |
| 21     | MD1220OR01        | O-Ring   |
| 22     | MD1817BO04        | Breakout Ring (Chuck)                                |
| 23     | MD1820OR01        | O-Ring   |
| 24     | MD1815CK01        | Chuck (N180)   |
| 25     | MD1818CB01        | Chuck Bush   |
|        | <b>MD1826SK04</b> | <b>Service Kit</b>                                   |
|        | MD1806CH01        | Choke Blank (#7), Spring (#9), O Ring Kit            |
|        | <b>MD1825OK06</b> | <b>O Ring Kit</b>                                    |
|        | O Rings           | O Rings at positions #4, #6, #11, #13, #19, #21, #23 |
|        | <b>MD1842PT01</b> | <b>Piston Lifting Tool Assembly</b>                  |
|        | <b>MD1843HT01</b> | <b>Hammer Lifting Tool Assembly</b>                  |

| Specifications            | Metric             | Imperial               |
|---------------------------|--------------------|------------------------|
| Hammer Outside Diameter   | 400 mm             | 15.74"                 |
| Shoulder to Shoulder      | 1,695 mm           | 66.73"                 |
| Drill Bit Shank Type      | N180               |                        |
| Minimum Bit Size          | 457 mm             | 18"                    |
| Hammer Weight (Less Bit)  | 1,164 kg           | 2,566 lbs              |
| Drill Bit Weight          | 490 kg             | 1,080 lbs              |
| Piston Weight             | 282 kg             | 621.7 lbs              |
| Backhead Stand Off        | 0 mm               | 0"                     |
| Make up Torque            | 29,830 – 35,250 Nm | 22,000 - 26,000 ft.lbf |
| Wear Sleeve Reverse Limit | Non-Reversible     |                        |
| Wear Sleeve Discard Limit | 370 mm             | 14.57"                 |

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.