

Mincon MC80**Why Buy the Mincon MC80?**

The Mincon MC80 is a superior but versatile Hammer, specifically built for drilling applications where high penetration speeds are vitally important. Its unique design concept provides much greater impact energy and ultimate drilling performance for absolute maximum productivity in almost all ground conditions.

The Mincon MC series Drill Bits do not use Foot Valves (Blow Tubes) and therefore any problems previously associated with them are completely eradicated. The multi splined, full length drive bits are designed to extend the wear life of the bit shank.

Like all Mincon DTH hammers, the Mincon MC80 maintains excellent operating pressure over an extended service life and overall is the tool you require to get the maximum out of all your equipment.

Mincon Products are all manufactured in house, and all processes are carried out under the one roof. This guarantees that the quality you “Expect” is always delivered.

Design Highlights:

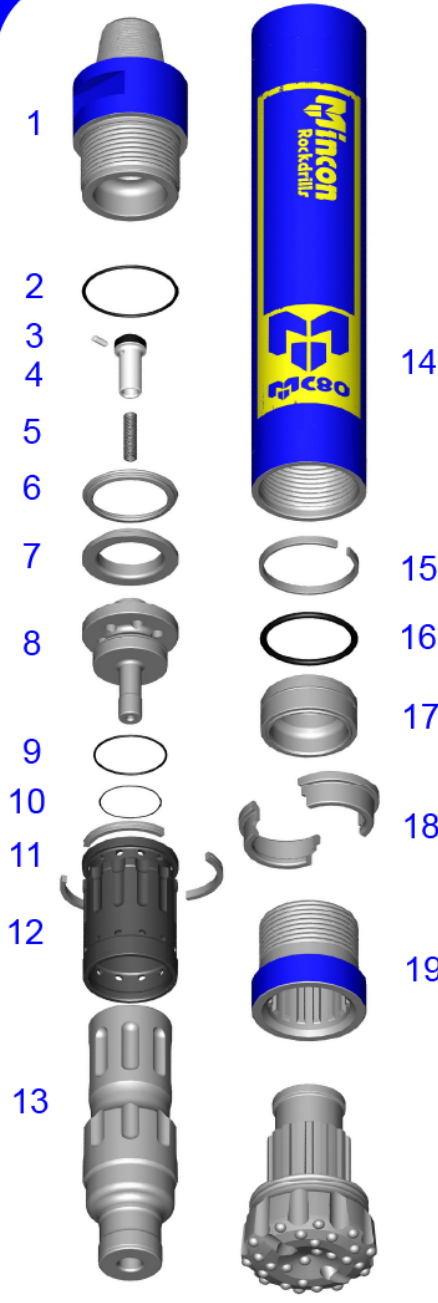
- ▶ Patented Shank design is fully supported within the chuck throughout the stroke providing maximum protection against shanking.
- ▶ Hammer design eliminates the foot valve from the drill bit.
- ▶ Patented features maximize energy output and reduce service requirements.
- ▶ Extremely efficient air exhaust provide excellent hole cleaning and allows for drilling against very large volumes of water.
- ▶ Valveless, high frequency design ensures smooth operation.
- ▶ Reversible hardened wear sleeve for optimum wear resistance even in the most abrasive conditions.
- ▶ Unique internal mount system eliminates the need for wear shims and special assembly tools.
- ▶ All critical internal components are heat treated under strict control to maximize tool longevity.
- ▶ An overall cost-effective and user friendly tool for use in the most demanding conditions.

**Mincon MC80****Applications:**

- Water Well
- Deep Hole Water Well
- Water Well Casing
- Shallow Oil & Gas
- Exploration
- Construction
- Blast Hole

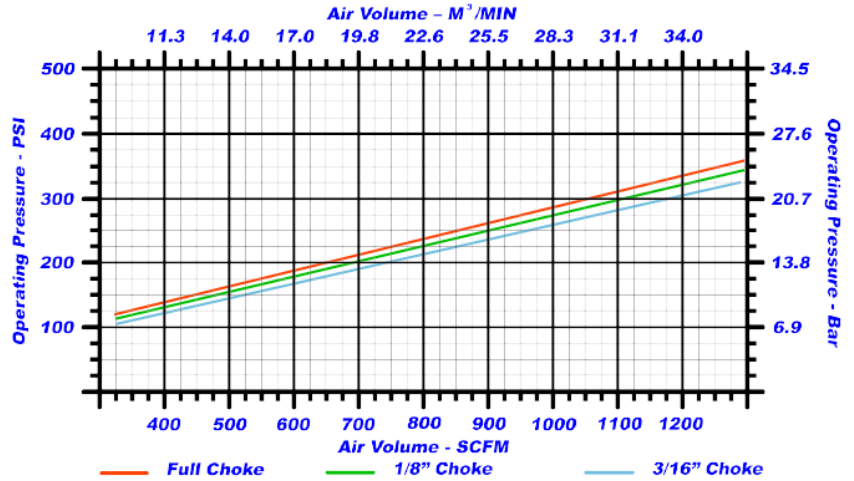
‘The Driller’s Choice’***“LEADERS IN THE FIELD OF DRILLING TECHNOLOGY”***

MINCON MC80 PARTS LIST & SPECIFICATION



Item	Description	Part No.
	Mincon MC80 Hammer	MD801AS08
1	Backhead	MD801BH01
2	O Ring	MD822OR01
3	Choke Blank	MD806CH01
	Choke 1/8" (3.2mm)	MD806CH02
	Choke 3/16" (4.8mm)	MD806CH03
4	Check Valve	MD802CV01
5	Spring	MB503SP01
6	Lock Ring	MD805LR01
7	Steel Make Up Ring	MD804SM01
8	Air Distributor	MD807DR01
9	O Ring	MD821OR01
10	O Ring	MD820OR01
11	Seating Ring	MD809SR01
12	Inner Cylinder	MD808IC01
13	Piston	MD810PN04
14	Wear Sleeve	MD811WS01
15	Piston Retaining Ring	MD812PR02
16	O Ring	MD1221OR01
17	Aligner	MD813BB02
18	Bit Retaining Ring	MD814BR05
19	Chuck	MD815CK05
Outside Diameter		7.15" / 181mm
Minimum Bit Size		7.88" / 200mm
Spanner Flat Size		5.5" / 140mm
Length (Less Bit, Backhead Shoulder to Chuck)		47.4" / 1205mm
Bit Shank Type		MC81
Backhead Thread		4 1/2" A.P.I. Reg. Pin
Piston Weight		102 Lbs / 46.4 Kgs
Wear Sleeve Discard Limit		6.650" / 168.9mm

OPERATING PRESSURE / AIR CONSUMPTION



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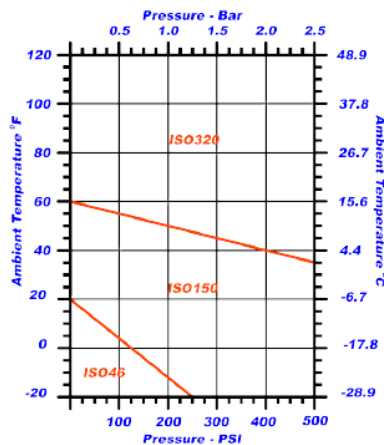
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