



Performance & Quality Driven Reverse Circulation Hammers & Bits

Mincon MX 5456

Why Buy the Mincon MX5456?

The Mincon Xploration (MX) 5456 is a high performance geological sampling tool that provides trouble free operation in all kinds of demanding conditions. It delivers superior penetration rates versus other manufacturers with extremely smooth drilling and continuous sampling.

Like all Mincon DTH hammers, the MX 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 controlled by Mincon's experienced Engineering Department. This guarantees that the quality you "Expect" is always delivered.

Design Highlights:

- ▶ Patented Design provides excellent sampling in the most difficult conditions including unconsolidated ground, hard abrasive ground and large volumes of water.
- ▶ Piston Design ports air externally delivering more energy to the bit face and providing a durable and robust hammer cycle.
- ▶ Provides the most cost effective high quality reverse circulation sampling available in the industry.
- ▶ Hammer delivers superior performance regardless of whether a high pressure booster is employed or not.
- ▶ 40mm parallel bore on sample tube provides excellent life in the toughest abrasive conditions.
- ▶ Patented Bit Design provides the most robust shank in the industry and eliminates the need for additional parts to seal the sampling process and subsequently eliminates the need to stock these parts in different sizes.
- ▶ Patented internal mount system gives positive make-up and eliminates the need for wear shims and special assembly tools. Locking mechanism secures the top end of the hammer rigidly in place providing very smooth drilling
- ▶ 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.



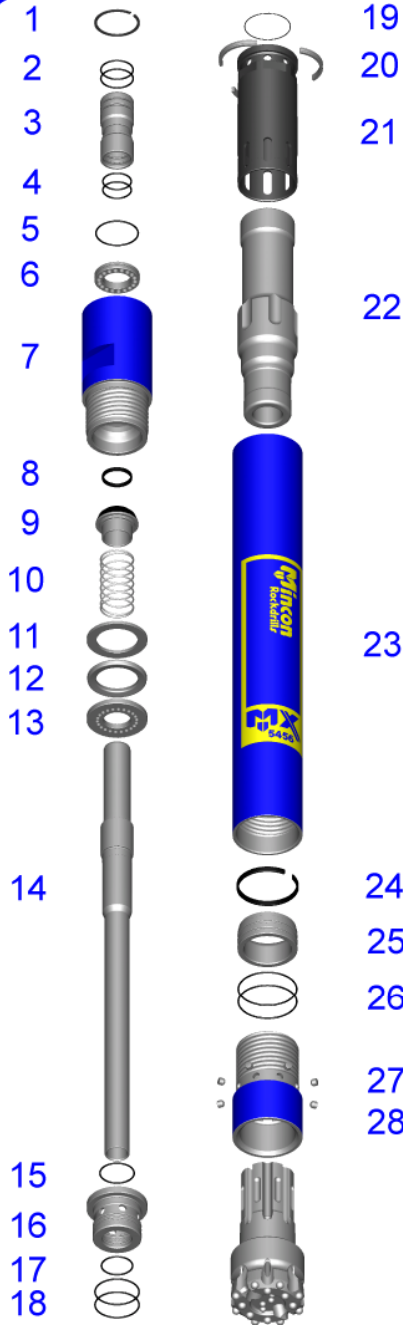
Applications:

- Geological Sampling

'The Driller's Choice'

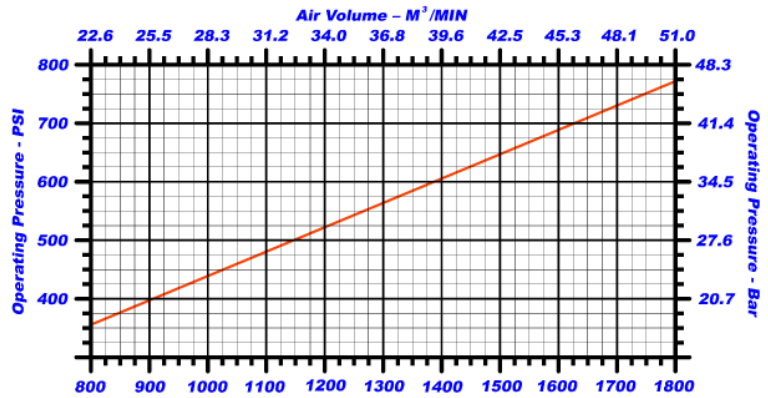
"LEADERS IN THE FIELD OF DRILLING TECHNOLOGY"

MINCON MX5456 PARTS LIST & SPECIFICATION



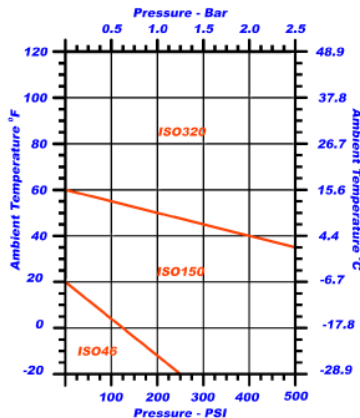
Item	Description	Part No.
	Mincon MX5456 Hammer	MX5456AS01
1	Internal Circlip	1300-0850
2	O Ring	BS 228
3	Adaptor Tube (4 1/2" Remet)	MX5456AT01
4	O Ring	BS 226
5	O Ring	BS 041
6	Air Screen	MX5456AS01
7	Backhead (4 1/2" Remet)	MX5456BH01
8	Check Valve Seal (Nitrile U Seal)	8406-200-N8
9	Check Valve	MX5456CV01
10	Check Valve Spring	MX5456SP01
11	Steel Make Up Ring	MX5456SM01
12	Lock Ring	MX5456LR01
13	Spacer	MX5456SS01
14	Sample Tube	MX5456ST01
15	O Ring	BS 230
16	Sample Tube Mount	MX5456DR01
17	O Ring	BS 228
18	O Ring	BS 237
19	O Ring	BS 042
20	Seating Ring	MX5456SR01
21	Inner Cylinder	MX5456IC01
22	Piston	MX5456PN01
23	Wear Sleeve	MX5456WS01
24	Piston Retaining Ring	MX5456PR01
25	Aligner	MX5456BB01
26	O Ring	BS 243
27	Bit Retaining Pin	MX5456BR01
28	Chuck	MX5456CK11
Hammer Outside Diameter		5.20" / 132mm
Bit Size		5.5" - 5.75" / 140mm - 146mm
Backhead Spanner Flat Size		4" / 100mm
Hammer Length (Less Bit)		45.9" / 1165mm
Bit Shank Type		MX5456
Backhead Thread		4 1/2" Remet
Weight (Less Bit)		170 Lbs / 77 Kgs
Stand Off		0.030" / 0.75mm

OPERATING PRESSURE / AIR CONSUMPTION

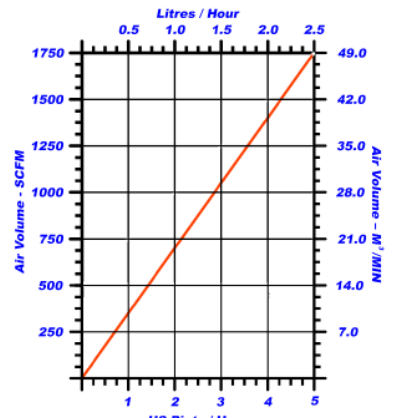


Operating Hammer at Pressures exceeding 500 PSI will void all Warranty

ROCKDRILL OIL GRADE



ROCKDRILL OIL CONSUMPTION



When using a booster add an additional 2 Pints/ 1 litre of Oil. When injecting water double the oil injection.

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