

ROCK TOOLS




MMC RYOTEC Corporation

A Group Company of  **MITSUBISHI MATERIALS**



DIA EDGE ROCK TOOLS

DRIFTING & TUNNELLING EQUIPMENT

DIA  EDGE ROCK TOOLS for small medium sized drill holes for operations such as drifting with the latest jumbo equipment are available in the latest size, threads and designs.


The high quality cross bits are manufactured of the highest time tested standards and the state of the art braze technology.

Button Bits are engineered with the greatest choice of bit design, tungsten carbide shape and grade available today.

Sizes available on demand range from 33mm (1 5/16") to 64mm (2 1/2"). Our engineers are ready to recommend a design and tungsten carbide shape (Spherical, Semi ballistic, Ballistic, Spike) which best performs for you.

BENCH & LONG HOLE DRILLING EQUIPMENT

We offer Button Bits for Bench Drilling with diameters of 64mm (2 1/2") to 152mm (6").

DIA  EDGE ROCK TOOLS is available in the currently popular thread: Rope, Hi-Leed, T-type (trapezoidal thread).

For Button bits we have now four tungsten carbide grades and shapes.

Four basic bit head designs are manufactured: Flat Face, Drop Center, Concave and Convex.

Thread Cross Bits is also available in the standard, heavy duty, and reverse blow. Retract Bits are made for Button.

MF-rod is also available to reduce downtime.



MMC RYOTEC has been developing percussion rock drilling tools for over 70 years in Japan. MMC RYOTEC is truly a worldwide player and is offering high quality products to the global market. Currently We are supplying over 60 countries and continues to increase the number of sales districts.

DIAEDGE ROCK TOOLS products are manufactured from highly wear resistant steel and our own in house Japanese produced tungsten carbide inserts.

These tungsten carbide inserts are designed and produced by experienced engineers using the most advanced computer technology. Using this new computer technology, these tungsten carbide inserts are combined with the special steel bodies developed by MMC RYOTEC to provide the client with unbeatable consistent quality.

What is more, each bit body is marked with a manufacturing lot number that allows precise tracking and control through the full history of the manufacturing process of tungsten carbide inserts and steel bodies.

MMC RYOTEC has been a leader in helping to achieve remarkable technological innovations that have propelled the mining, construction and quarry industries to the highest drilling efficiencies.

SUPER MAXBIT

The **SUPER MAXBIT** consists of two or three wings on a device. Bit wings become extendable / retractable when drill strings rotate in the forward / reverse direction. While drilling with extended bit wings, the SUPER MAXBIT, with quite same rotation moment on each wing, is completely balanced and stable, compared with former eccentric drilling method.



ULTRA MAXBIT

The **ULTRA MAXBIT** is used for simultaneous drilling and casing in unstable soft ground formations, and is also applicable for wide range of ground conditions such as sand, gravel and boulders and rock.



TAPERED DRILL STEEL EQUIPMENT

Durable tapered socket bits are available from 30mm (1 3/16") to 43mm (1 11/16") in diameters with your choice of 6°, 7°, 11°, or 12° taper.

Button bits and Cross Bits both are made for Tapered Sockets.



DOWN THE HOLE BIT

MMC RYOTEC produces a wide assortment of Down The Hole bits.

These range from 90mm (3 1/2") to 254mm (10") in diameter and fit many hammers such as Sandvik, Atlas Copco etc.

For the most effective operation in various drilling conditions, we offer Flat Face, Concave and Convex head designs.



REAMING EQUIPMENT

Pilot Adaptors and Reaming Bits with popular threads are made for many different drilling conditions.





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JAPAN / ROCK TOOLS

MMC RYOTEC CORPORATION
TOKYO OFFICE [Overseas Operations Center]
 KFC Bldg. 7F, 1-6-1 Yokoami, Sumida-ku, Tokyo 130-0015
 TEL +81-3-5819-8723
 E-Mail: rocktool@mmc.co.jp

<http://www.ryotec.co.jp/en/>



Subsidiaries of MITSUBISHI MATERIALS CORPORATION

U.S.A.	MITSUBISHI MATERIALS U.S.A. CORPORATION 105 Corporate Center Dr. Suite A, Mooresville, NC 28117, U.S.A TEL +1-980-312-3150 FAX +1-704-746-9595 E-Mail: mmusclt@mmus.com	Australia	MITSUBISHI MATERIALS TRADING CORPORATION PERTH BRANCH Suite 10, 137 Kewdale Road, Kewdale, WA 6105, Australia TEL +61-8-6258-7200 FAX +61-8-6258-5614 E-Mail: ml-sales@mmtc.co.jp Website: https://www.mmtc.co.jp/au/
Germany	MMC HARTMETALL GMBH Comeniusstr. 2, 40670 Meerbusch, Germany TEL +49-2159-9189-32 FAX +49-2159-9189-30079 E-Mail: rocktools@mmchg.de	South Korea	MITSUBISHI MATERIALS TRADING CORPORATION SEOUL BRANCH #1812 Samsung Cheil Bldg., 309, Teheran-ro, Gangnam-gu, Seoul 06151, South Korea TEL +82-2-3474-2331 FAX +82-2-527-2834 Email: mb-rocktool@mmtc.co.jp Website: https://www.mmtc.co.jp/en/
Brazil	MMC METAL DO BRASIL LTDA. Rua Cincinato Braga, 340 13º andar, Bela Vista- CEP 01333-010 São Paulo-SP., BRASIL TEL +55-11-3262-5095 FAX +55-11-3285-4906 E-Mail: mmbr@mmbr.com.br	Singapore	MITSUBISHI MATERIALS TRADING CORPORATION SINGAPORE BRANCH 10 Anson Road, #32-09 International Plaza, Singapore 079903 TEL +65-6221-7233 FAX +65-6325-4220 Email: mb-rocktool@mmtc.co.jp Website: https://www.mmtc.co.jp/en/
Mexico	MMC METAL DE MEXICO S.A. DE C.V. Av. La Canada No.16 Parque Industrial Bernardo Quintana El marques, Queretaro. TEL +52-442-221-6136 +52-442-221-6137 FAX +52-442-221-6134 E-Mail: gonzalez@mmcmex.com	China	MITSUBISHI MATERIALS (SHANGHAI) CORPORATION 2101 Tower 1, Raffles City, 1133 Changning Road Changning District, Shanghai, 200051, China TEL :+86-(0)21-6235-0745 FAX :+86-(0)21-6235-0741 Inquiry form : http://www.mmc.sh.cn/contact-us/