



**Buy 5 of same iMX Screw on Heads
and receive one Carbide Shank**



Official Tooling Partner of



**Promotional Period:
May 1 to July 31, 2015**

**Promo Code:
PromoiMX**

**MMUS Distributors, Please place your order to the following:
Fax: 800-643-4909 or e-mail: orders-ct@mmus.com**

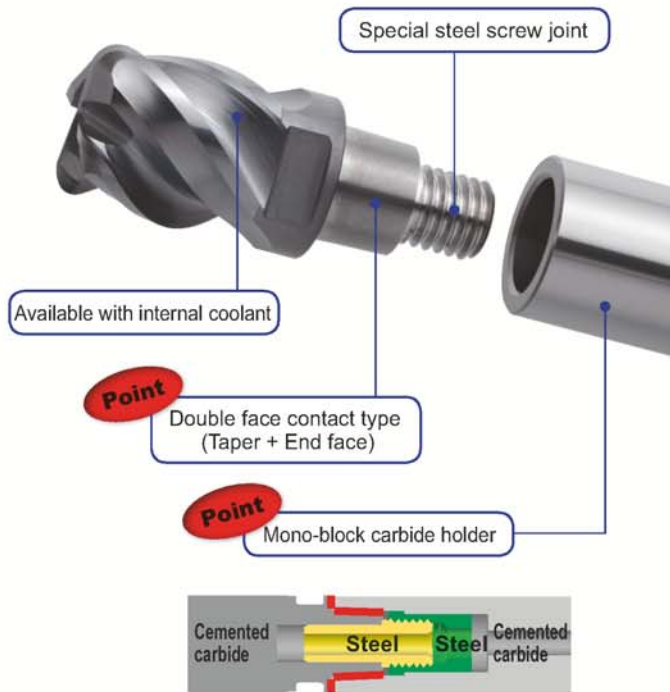
**Promo orders must be
submitted on a separate
purchase order.**

NEW iMX exchangeable head and carbide shank promotion

Promotion details

- Purchase 5 same style exchangeable heads from supplement sheet and receive one FREE iMX solid carbide shank
- Specify promo code **PromoiMX** on separate purchase orders to Fountain Valley Customer Service
- Orders directed to Fountain Valley e-mail – orders-ct@mmus.com or fax at 800-643-4090
- All sales are final with no returns and blanket orders not accepted for this promotion
- Promotional period is May 1, 2015 to July 31, 2015
- Contact your local Mitsubishi Materials USA District Sales Manager for additional details
- For more information on Mitsubishi Materials and our products please visit www.mmus.com

Exchangeable Head End Mills **iMX** End Mill Series



Highly versatile grades

EP7020

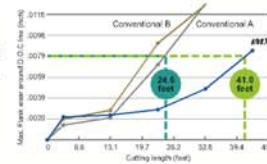


EP7020

- Suitable for difficult-to-cut materials.
- EP6120**
Suitable for high feed milling of steel.
- ET2020 (Uncoated)**
Suitable for milling aluminum.

Tool life comparison when machining flat surfaces in Inconel 718

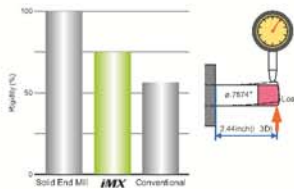
EP7020 is a new grade that enables extended tool life when machining difficult-to-cut materials.



Work material : Inconel 718 (43HRC)
Holder : iMX12AJ120411.1000
Head : iMX12BA4V12012
Revolution : \approx 1100 RPM
Cutting speed : \approx 40 SFM
Feed rate : \approx 13.8 IPM
(\approx 322 IPT)
Depth of cut : \approx 24inch \approx 4inch
Overhang : 0.47inch
Cutting mode : Climb cut
Machine : Vertical MC(BT45)

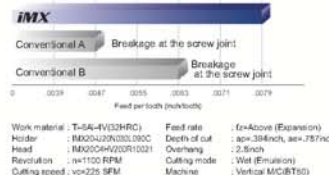
Comparison of tool rigidity

The double face contact of the carbide head and carbide holder gives an increase in rigidity of 30%.



Strength comparison when slot machining titanium alloy

The reliability of the screw fastening is significantly improved when compared to competitors that employ only steel fastenings. It is also able to cope with high cutting loads.



The iMX series is a revolutionary end mill system that enables efficiency, high accuracy and rigidity by combining the advantages of both solid carbide and indexable end mills. Security and rigidity close to that of a solid type end mill because the clamping faces are all carbide. Excellent for reduced inventory over a variety of applications due to the exchangeable head.

MITSUBISHI MATERIALS CORPORATION

MITSUBISHI MATERIALS U.S.A. CORPORATION

11250 Slater Avenue, Fountain Valley, CA 92708, U.S.A
TEL: 714-352-6100 FAX: 714-668-1320
Customer Service: (800)523-0800 Technical Support: (800)486-2341
Chicago Branch Office: 1314B N.Plum Grove Rd., Schaumburg, Illinois 60173, U.S.A
TEL: 847-252-6300 FAX: 847-519-1732
Toronto Branch Office: 6535 Millcreek Drive, Unit 63 & 64, Mississauga, Ontario, Canada L5N 2M2
TEL: 905-814-0240 FAX: 905-814-0245

MMC METAL DE MEXICO S.A. DE C.V.

Av. La Cañada No.16, Parque Industrial Bernardo Quintana, El Marques, Queretaro, CP 76246 Mexico
TEL: +52-442-221-6136/+52-442-221-6137/+52-442-221-6150 FAX: +52-442-221-6134

Scan this QR code for more information about our iMX products



Mitsubishi Carbide Home page : www.mmus.com
(Tools specifications subject to change without notice.)