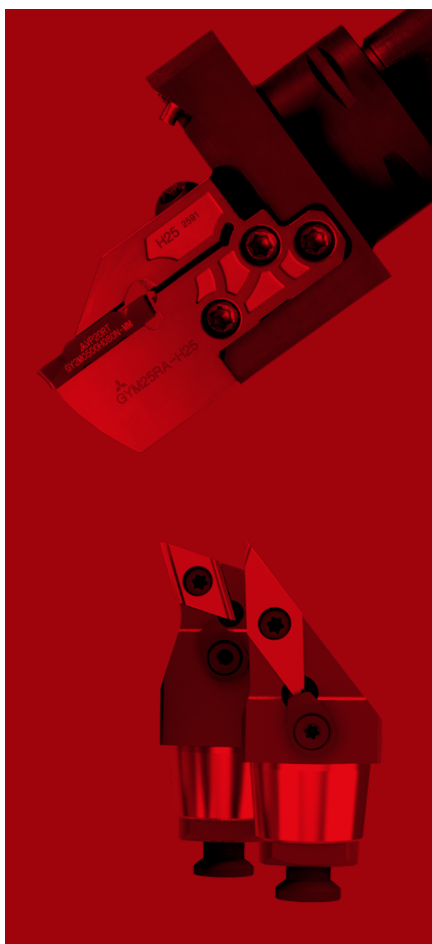
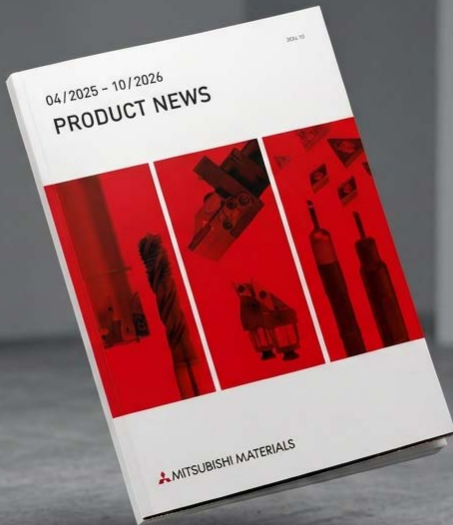


04/2025 – 10/2026

# PRODUCT NEWS



# PRODUCT NEWS SYSTEM



## NEW PRODUCTS AND SERIES EXPANSIONS AT A GLANCE

Mitsubishi Materials is consistently focusing on specific customer needs to better meet the challenges of the modern metal working industry.

## HOW IT WORKS

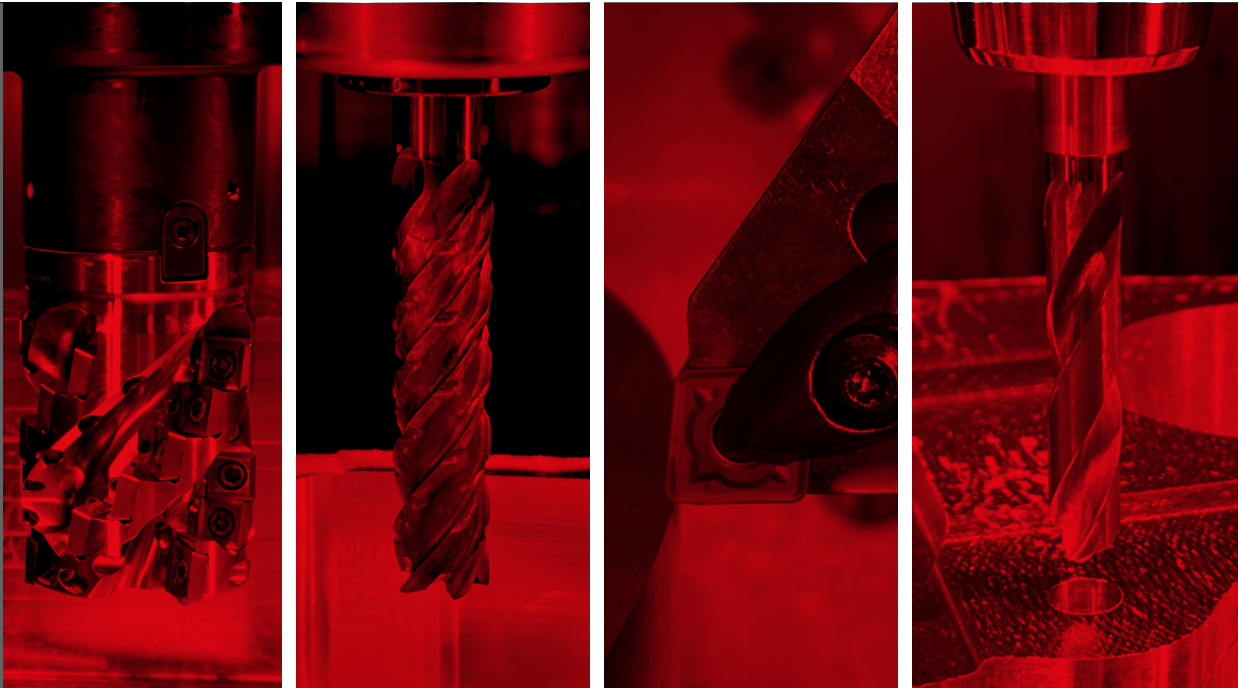
Twice a year (April & October) all new products or series expansions are published. This catalogue shows all the turning, milling, drilling and MPlus products that have been launched since the publication of the general catalogue C010. These products are highlighted either with a red New icon or a grey New icon.

**NEW** = Completely new products or expansions released in the current spring or autumn product launch and are not included in the latest version of the General Catalogue.

**NEW** = Products or expansions that have already been introduced in one of the previous spring or autumn product launches but are not included in the latest General Catalogue.

### WE ARE GOING MORE DIGITAL

For more information about the products in this leaflet, such as dimensions, cutting data etc. scan the QR code on each product page.



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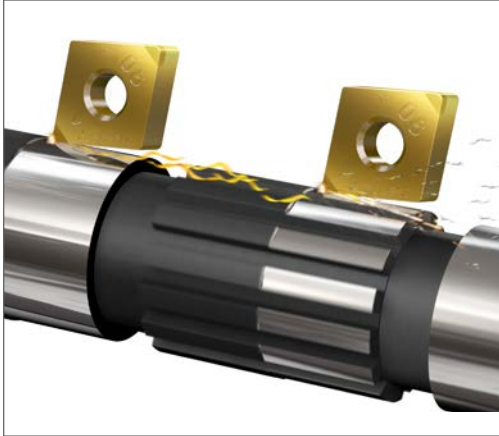
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# TURNING TOOLS

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## BC8200 / MB8200 SERIES



### THE NEXT GENERATION OF COATED PCBN GRADES FOR MACHINING HARDENED STEELS

The grades BC8210 and BC8220 are the newest, innovative PcBN grades for turning hard materials in continuous, light and medium interrupted cutting applications.

The new grades offer excellent resistance to flank and crater wear. Along with an increased chipping resistance, they provide a more stable machining process and enable long tool life over a wide range of high speed applications.

The existing BR chipbreaker and the new BL chipbreaker in combination with the BC8220 grade were developed to provide the advantage of improved chip control during medium and high depths of cut machining.

The gold coated outer layer makes it easier to detect wear and easily defines used cutting edges.



Interested in more...

# B249

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

#### NEW 10/2026

Introduction of the new BP chipbreaker in the grade BC8220.

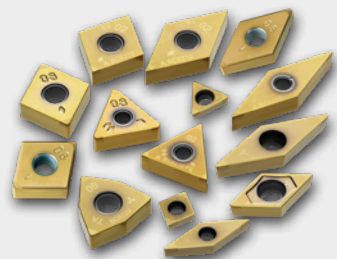
The BP chipbreaker shows excellent chip breaking properties and low cutting force in finishing applications.

#### NEW 04/2025

Expanded range of different geometries for coated PcBN grades BC8220 and BC8210.

Introduction of the new BL and BR chipbreaker in BC8220.

Launch of the new uncoated PcBN grades MB8220 and MB8210 for hardened steel turning applications.



## MICRO-MINI TWIN



### FOR HIGH PRECISION SMALL PARTS MACHINING

Ideal for small-diameter boring of steels and stainless steels. Economical, solid shank type with two cutting edges. A cutting edge on each end provides reduced tooling costs.

#### MULTI PURPOSE BORING BAR

The multi-functionality of the MICRO-MINI TWIN enables a wide application range that covers boring, grooving and threading and is available with or without a chipbreaker.

#### NEW 04/2025

New sleeves with internal coolant.

Expansion of sleeves with external coolant. MICRO-MINI TWIN boring bars for high precision and small parts machining.

Ideal for small-diameter boring of steel and stainless steel.

Economical, solid shank type with two cutting edges.

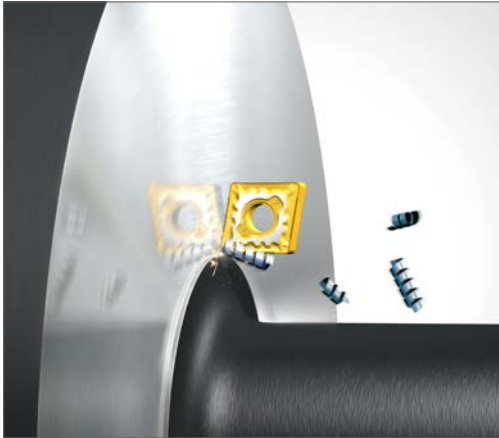


Interested in more...

## B042-G

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

## MC6100 SERIES



### BRINGING THE ULTIMATE HIGH SPEED CUTTING PERFORMANCE

The CVD coated MC6115 and MC6125 grades, plus the new MC6135 grade are the first recommendation for steel turning. Suitable for a wide range of continuous through to heavy interrupted machining applications.

The MC6100 series of grades has been developed to meet the demand of higher cutting speeds and increasing machining efficiency.

By improving the existing technology, wear, fracture resistance and cutting edge stability have all been dramatically increased. When utilised on conventional applications at high speeds, the three grades provide improved cutting edge stability.



Interested in more...

# B266

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

#### NEW 04/2026

New chipbreaker for heavy cutting of carbon and alloy steel.

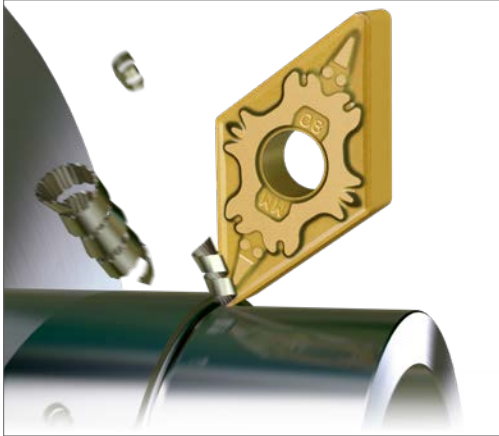
Expansion of single sided larger CNMM & SNMM ISO turning insert series for various applications ranging from MC6115 for high speed machining through to MC6125 for general applications.

#### NEW 04/2025

New FPH chipbreaker for low depths of cut and high feed finishing.  
CVD coated grade for steel turning.



## MC/MP7100 SERIES



### CVD & PVD COATED GRADES FOR STAINLESS STEEL TURNING

Three new grades ideal for the machining of stainless steels. MC7115 for light cutting, MC7125 for general machining and MP7135 for heavy cutting applications.

New coating technology for stainless steel turning and a dedicated substrate for each grade.

Each grade has its own unique combination of coating layers of TiN, Al<sub>2</sub>O<sub>3</sub> and TiCN.

Innovative binding layers as the Super-Tough Grip for the upper coating layers and the Sub-Grip for the base layer. These bind the coating layers to the carbide substrate, substantially increasing tool life.



Interested in more...

**B277**

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

#### NEW 04/2025

MC7115, MC7125, MP7135

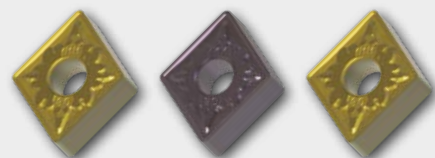
A new series of turning inserts for a variety of stainless steel applications. Complete range of negative and positive geometries.

Negative geometry inserts:

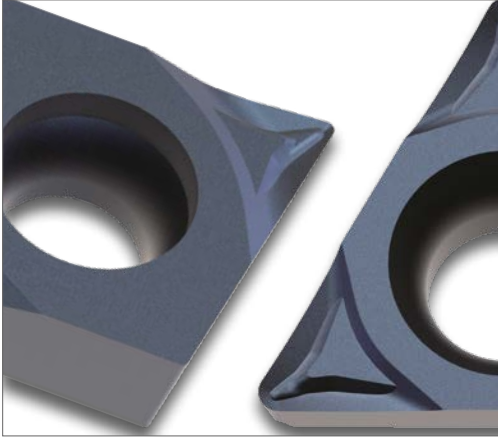
CNMG, CNMM, DNMG, SNMG, SNMM, TNMG, TNMX, VNMG, WNMG

Positive geometry inserts:

CCMT, CCMH, CPMH, DCMT, SCMT, TCMT, TPMH, VBMT, VCMT, WBMT, WCMT, WPMT



## FSF / FSF-P CHIPBREAKER



### IDEAL CHIPBREAKER FOR SMALL DEPTHS OF CUT AND FINISH TURNING OPERATIONS

The low cutting resistance provided by the new FSF and FSF-P type chipbreakers enables positive inserts to be more effective and reduce the occurrence of long chips when machining at low depths of cut.

The extensive choice of grades equipped with the new chipbreakers means that many different materials, such as alloy and stainless steels, grey and ductile cast irons. Aluminium alloys and heat resistant materials can also be effectively machined.



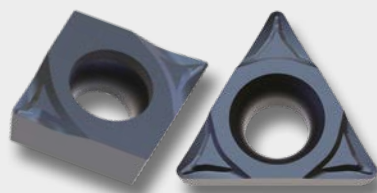
Interested in more...

# B210-I

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

..... **NEW 04/2025**

The new FSF and FSF-P chipbreakers, are available for a wide range of inserts with 5°, 7° and 11° positive geometries in the grades MP9025, MS7025, MS9025 and VP30RT.



# BORING BARS AND INSERTS FOR SMALL PARTS MACHINING



## SMALL DIAMETER BORING BARS

Small diameter boring bars with steel, hard steel and carbide shanks. Ideal for small parts machining and are compatible with Swiss-type lathes.



Interested in more...

# B210-H

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

### NEW 10/2025

Expansion of positive geometry E class inserts.

### NEW 04/2025

FSF/FSF-P chipbreaker  
Ideal chipbreaker for small depths of cut and finish turning operations.

High performance bars made from hard steel. Providing extra rigidity than standard steel and reduces inventory costs when compared to solid carbide types.





## XB SERIES



### VERSATILE RANGE OF COMPLEX TURNING APPLICATIONS WITH ONE HOLDER

A complete range of new tools with high-quality cutting edges and excellent sharpness for a variety of applications are now available.

Efficiency and stability provided by this new innovative indexable turning tool.

#### EASY AND ACCURATE

The multi-functionality provided by the rigid six sided clamping of the insert to the head enables accuracy and easy setting when replacing inserts.



Interested in more...

# B278

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

#### NEW 04/2026

Expansion of profile heads for boring applications and increased range of pitches for threading inserts.

Expansion of tools for deeper internal and face groove machining.

Expansion of sleeves and carbide holders for flexible adjustment of tool overhang.

#### NEW 10/2025

Indexable turning tool and inserts for a wide variety of grooving and chamfering applications with one holder.

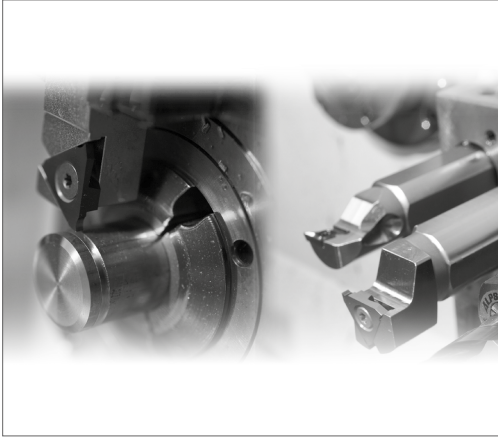
Three types of steel and carbide shanks with and without through coolant holes.

Inserts for internal and external grooving, chamfering, threading and side face grooving.

Thread tapping can be replaced by machining.



## GT SERIES



### GROOVING INSERTS AND TOOL HOLDERS

A series of inserts and tool holders ideal for small parts machining.

Featuring new tool geometries with improved neck clearance and easy to use back clamping, ideal for quick and accurate changing of inserts on gang type tool posts on Swiss automatic lathes.



Interested in more...

**B282**

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

#### ..... **NEW 10/2025**

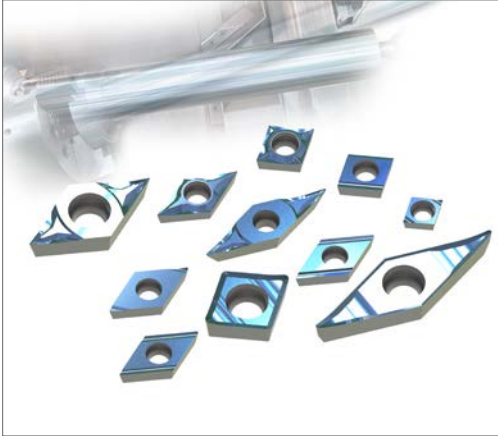
External grooving form for small parts machining. GTAT type inserts added for ring and circlip grooving.

New GTAT available grades:  
MS7025, TF15

Complete series availability:  
MS7025, VP15TF, VP15KZ, MT2015, TF15



## LC2005



### DLC COATED GRADE FOR NON-FERROUS METALS

A new grade designed for machining non-ferrous materials. DLC coating is a film that possesses both the hardness of diamond and the lubricity of graphite.

The sharpness of the cemented carbide substrate cutting edge and the smoothness of the thin-film make it possible to achieve high-quality machining.

It is particularly suitable for aluminium alloy machining due to its excellent wear resistance and anti-adhesion properties.

#### ..... **NEW 04/2026**

DLC coated grade for turning of non-ferrous metals.

New Thin-Film DLC coating for precision machining. Displays outstanding coating adhesion and wear resistance properties.

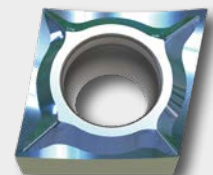
Positive geometry inserts:  
CCET, CCGT, DCET, DCGT, VCGT, VPGT



Interested in more...

## B290

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)



## MV9005



### CVD COATED TURNING GRADE FOR MACHINING HEAT RESISTANT SUPER ALLOYS

For machining Ni-based heat-resistant alloys for the aviation industry, coated inserts are widely used in the medium finishing area where the tool life for machining large parts with only one corner is required.

The MV9005 grade incorporates a newly developed Al-Rich coating technology. It combines a high Al content ratio with a high hardness [Al,Ti]N film, which greatly improves the resistance to oxidation, plus, in addition to its hardness it also provides extremely high wear resistance even during high-speed machining of heat resistant super alloys.

#### NEW 04/2026

New chipbreaker for positive inserts that prevents insert welding and reduces cutting resistance.

Expansion of negative and positive inserts for various applications.

Complete series availability

Negative geometry inserts:

CNMG, DNMG, SNMG, TNMG, VNMG

Positive geometry inserts:

RCMT, RCMX



Interested in more...

# B271

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

## GY GROOVING SERIES



### VAST SELECTION OF HOLDERS AND INSERTS FOR GROOVING APPLICATIONS

The TRIFORCE grooving system ensures the blade is securely fixed in 3 directions (side, front and top) giving high rigidity for a stable grooving performance.

GY grooving tools can achieve stable machining at the highly efficient cutting conditions where conventional tools were affected by vibration and chattering.

A comprehensive variety of tools with modular combinations of blades and holders provides efficient tooling inventory control.



Interested in more...

# B140

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

#### ..... **NEW 10/2026**

Expansion of GYS-Monoblock Holder for Swiss-type automatic lathes.

New holder types added:  
Sub-spindle, internal coolant,  
large diameter cutting off.

Shank dimensions:  
1212 / 1616 / 2020 / 1915

#### ..... **NEW 04/2026**

MY6125

New CVD coated carbide grade for stable, high-speed steel machining.

Increased wear resistance and cutting edge stability. Suitable for grooving, turning and cutting off operations.



## PSC HOLDER



### PSC HOLDER FOR MULTI-TASKING MACHINES AND CNC LATHES, DESIGNED FOR HIGH RIGIDITY AND PRECISION MACHINING

The dual-face contact polygon taper shank (PSC) provides high clamping rigidity through a combination of a high-rigidity, high precision taper and face contact.

It also offers excellent repeatability during tool changes, enabling easy and reliable tool replacement.

Equipped with coolant nozzles or through coolant holes.



Interested in more...

# B259

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

#### ..... **NEW** 10/2026

To support high-efficiency machining on multi-tasking machines, 12 types have been standardized using -

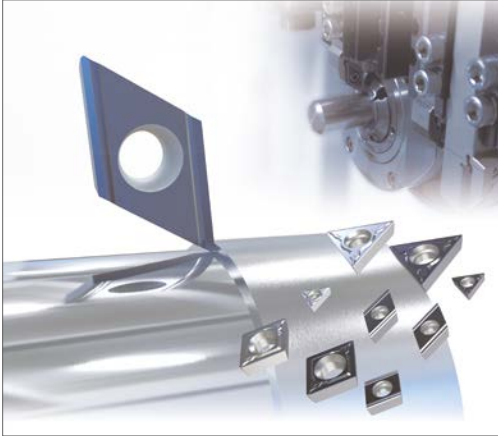
ISO inserts: negative C, D, T, V, W and positive C, D, T, V.

From a lineup of over 100 modular GY grooving blade types, the appropriate tool can be selected for external turning, face grooving, and undercutting, with up to three different grooving depths.

By choosing the optimal blade width and grooving depth, machining issues such as chatter and vibration can be effectively prevented.



## MP/MX3115



### EXCELLENT DIMENSIONAL STABILITY SUSTAINS A GLOSSY FINISHED SURFACE

Unmatched performance from cutting-edge cermet technology. Delivering exceptional dimensional stability and surface finishes.

Advanced smooth surface treatment and optimized structure minimizes workpiece deformation to ensure long-lasting surface quality.

Tough internal structure and a protective oxide layer prevents oxidation, reduces wear and boosts chipping resistance. Perfect for stable, high-quality finishing operations.



Interested in more...

# B283

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

### ..... **NEW** 10/2026

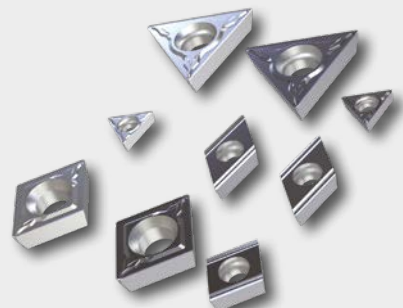
New cermet grade MX3115 and the PVD-coated cermet-grade MP3115 for turning carbon and alloy steels. A comprehensive range of negative and positive geometries, including a wiper design for improved surface finishes and higher productivity.

Negative geometry inserts:  
TNGG16

Positive geometry inserts:  
CCMT, CCET, CCGT, CPMH, DCMT, DCET,  
DCGT, DCMX, TPMH, TPMX, TPGB, TPMR,  
TPGN

A versatile chipbreaker lineup covering light to medium cutting applications, featuring strong cutting edges for a stable machining process.

Chipbreaker types:  
LP, MP, R/L-SN, Flat Top



## MICRO-MINI PLUS SERIES



### SOLID BARS FOR SMALL PARTS MACHINING

Solid boring bars for small parts machining, for a wide array of applications.

Featuring an intuitive positioning mechanism for quick setup, enabling enhanced productivity.

Four different PVD coated grades combining a high stability carbide substrate with a multilayer PVD coating for exceptional heat and wear resistance.

**MPB115:** For general purpose

**MPB715:** For stainless steel

**MPB915:** For titanium and HRSA

**MPB905:** For HRSA and hardened steel (finishing)

Perfect for demanding, small parts manufacturing, and enables reliability and efficiency.

#### ..... **NEW 10/2026**

Diverse solid bars and different holders available for a wide range of applications.

Solid bars for:

- Boring
- Radial grooving
- Face grooving
- Pre-Chamfering
- Threading

Holders:

- Wedge-Lock round holder
- Round holder with coolant holes
- Dual-Clamp round holder
- Square holder for front tool post
- Square holder for gang tool post
- Multi-Function machining holder
- Collet-Type round holder
- Flange holder

All solid bars feature internal through coolant supply.



Interested in more...

# B291

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)



## MODULAR MICRO



### QUICK CHANGE SYSTEM FOR GANG-TYPE AUTOMATIC LATHES

In Swiss-type lathes, comb-type tool posts are widely used for turning operations.

The tools mounted on these tool posts are usually screw-on design, making insert replacement inside the machine impractical due to limited working space.

Modular Micro was developed with the aim of achieving a quick-change design that allows only the head to be attached and detached while keeping the shank mount in place. This enables easy tool changes while ensuring repeatability within 5 µm, enhancing process reliability.

By reducing setup time, down time is minimised, thereby improving productivity.



Interested in more...

# B273

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

..... **NEW 10/2026**

Various shanks and heads are available to meet a wide range of applications.

ISO Insert type for heads:

CC..06 & 09

DC..07 & 11

VP..08

VB..11

VC..11

Shank type dimensions:

1010

1212

1616





# SOLID MILLING

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## PRODUCT



NEW

iMX

21

NEW

VQ SERIES

22

NEW

VFR

23

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# iMX



## iMX EXCHANGEABLE HEAD END MILLS

The iMX series is a revolutionary end mill system that combines the advantages of both solid carbide and indexable end mills.

The cost of extra long solid carbide end mills is negated by using iMX exchangeable heads. It is this interchangeability that also reduces tool change times because the head can be simply unscrewed.

New corner radius, tapered multi-flute types are ideal for machining stainless steels, heat resistant and titanium alloys.

Direct clamping in the tool holder with a range of ER collets now available.



Interested in more...

# B200

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

### NEW 10/2025

Corner radius iMX head with multiple through coolant holes.

The ideal tool for blade machining.

iMX-C8T-E            Ø 8

iMX-C10T-E        Ø 10

iMX-C12T-E        Ø 12

iMX-C15T-E        Ø 15

ER Collet with ER range 16 – 40 and iMX connection sizes iMX 10 – 25.



## VQ SERIES



### HIGH PERFORMANCE END MILLS FOR STAINLESS STEELS AND DIFFICULT-TO-CUT MATERIALS

VQ is a high-performance series of carbide end mills. The outstanding performance is achieved through an ideal interaction between modern flute geometries, special carbide substrates and modern coating technology.

In addition to the standard square, corner radius and ball nose types, end mills with chipbreaker flutes in 3 x / 4 x / 5 x DC lengths for dynamic roughing have now been successfully introduced.



Interested in more...

# B197

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

#### NEW 10/2025

VQ3XL/VQ4XL/VQ4XLRB  
3 and 4 flute square type and 4 flute corner radius solid carbide end mills for maximum performance on micro-machining applications.

#### NEW 04/2025

VQJCS/VQLCS/VQELCS  
Solid carbide end mills with chipbreaker and irregular pitch flutes in 3, 4 and 5 x DC cutting lengths.

VQ2XLBR  
Expanded range of 2-flute ball nose end mills.

VQJCSRB/VQLCSRB/VQELCSRB  
New corner radius, solid carbide end mills with chipbreaker and irregular pitch flutes in 3, 4 and 5 x DC cutting lengths.



# VFR



## VFR – A SERIES OF SOLID CARBIDE END MILLS WITH HIGH TECHNOLOGY COATING

Ideal for milling extremely hard materials up to 70 HRC. Newly developed [AlCrSi]N multi-layer PVD coating offers higher oxidation resistance and better lubricity, together with improved wear resistance and adhesion strength.

VFR2/4 MV types feature innovative geometry such as irregular helix flutes to prevent vibration, highly rigid centre suppresses chatter and vibration.

VFRSD/MD and SD capable of full width slot milling due to the sharp cutting edge geometry and improved resistance to chipping.

### NEW 04/2026

VFRSD/MD/LD

Multi-flute end mills with short, medium and long cut lengths.

VFRSDRB/MDRB

Multi-flute, corner radius end mills in short and medium cut lengths.

VFR2MV/4MV

End mills with irregular helix flutes in 2 and 4 flute versions.



Interested in more...

**B231**

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)





# INDEXABLE MILLING

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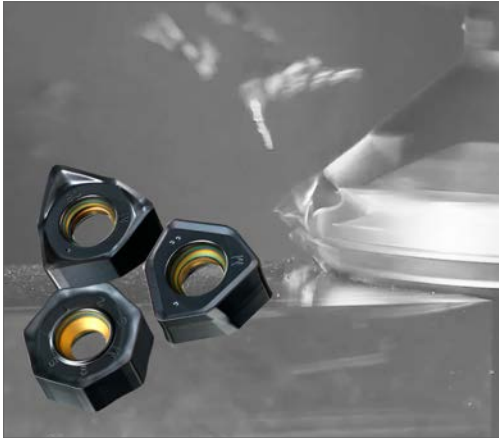
## PRODUCT



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# MV1000 SERIES



## COATED CARBIDE GRADE FOR HIGH SPEED MACHINING

The MV1000 series comprises two grades; the MV1020 and the MV1030.

Both grades have an innovative CVD coating with a high aluminium content and can be used for a wide range of applications, particularly for machining unalloyed and low-alloy steels, stainless steels and nodular cast iron.

MV1020 – Provides high thermal shock resistance during dry and wet machining and for stable machining without thermal cracking at high cutting speeds. Significantly reduced machining times can be achieved.

MV1030 – Enables high reliability, especially when dry machining stainless steels. High oxidation resistance and excellent wear resistance to prevent breakage, chipping and plastic deformation.



Interested in more...

# B270

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

..... **NEW 04/2025**

Expanded geometry range for a wide variety of applications.

The ideal coated carbide grade for milling.



## WWX SERIES



### SHARPNESS WITH STABILITY FOR HIGH EFFICIENCY

The WWX series includes a comprehensive and highly versatile range of indexable insert milling cutters. Innovative double sided inserts bring a high level of economy and a reduction of tooling inventory.

Available in various types including screw-in, shank and face milling geometries to ensure a vast range of milling applications can be effectively machined.



Interested in more...

# B260

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

..... **NEW 04/2025**

MV1030

Grade expansion for WWX200/WWX400.

WWX200

Expanded geometry range.

High performance 90° face milling cutter with double-sided trigon inserts for shoulder, face and copy milling.





## MX3030



### NEW CERMET GRADE FOR A WIDER RANGE OF APPLICATIONS

Enables excellent surface finishes even at high efficiency machining conditions.

The MX3030 grade is particularly suitable for the finishing steels, stainless steels, cast and ductile cast iron.

In contrast to conventional products, this new cermet grade offers higher thermal conductivity and therefore excellent resistance to thermal wear and sudden fractures. Due to the increased toughness, a significantly improved cutting performance can be achieved with increased depths of cut.



Interested in more...

## B280

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

..... **NEW 04/2025**

Expanded range of inserts for the APX3000 series of indexable insert milling cutters.



## MP1200 SERIES



### TOUGH NEW MILLING GRADE FOR A WIDE SELECTION OF CUTTERS

Three new PVD-coated carbide milling grades.

**MP1220:** Focused on wear resistance in stable cutting conditions, ideal for alloy steels machining.

**MP1230:** A balanced grade for general-purpose milling of steels and stainless steels.

**MP1240:** Optimized for high fracture resistance in unstable or high-load cutting of steels through to titanium and HRSA.

The MP1200 series features a newly developed Gene-Tenax™ multilayer PVD coating, engineered to provide toughness against cracking.



Interested in more...

**B272**

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

### NEW 04/2026

PVD coated carbide grades for milling.

A vast range of 20 different cutters can be equipped with the new grade, ranging from the popular AHX, ASX, AJAX, AXD and ARP types through to VPX, VOX, WJX, WSX and 415SD type.



## ASX SERIES



### FOR STABLE MILLING EVEN UNDER HIGH LOAD CUTTING CONDITIONS

A comprehensive range of milling cutter bodies and inserts for a vast range of applications. Smaller inserts and tool bodies means less cutting load and improves table feed, resulting in shorter machining times and reduced power consumption.

Face mills, shank, shell type and screw-in cutters available for efficient machining of steels, stainless steels, cast and ductile cast iron, aluminium, titanium, HRSA and hardened steels.

Inserts in 7 different grades and further choice of chipbreakers and a wiper geometry to cover every type of the most challenging of machining applications.



Interested in more...

# B188

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

#### NEW 04/2026

ASX300

New smaller type for general cutting with a multi-tooth design.

|                |                        |
|----------------|------------------------|
| Arbor type:    | Ø 40, Ø 50, Ø 63, Ø 80 |
| Screw-In type: | Ø 20, Ø 25, Ø 32       |
| Shank type:    | Ø 20, Ø 25, Ø 32       |
| Weldon type:   | Ø 16, Ø 20, Ø 25, Ø 32 |

The latest high technology MP1200 grade inserts are available.



# RS0112



## MULTI-FUNCTIONAL SHOULDER MILLING CUTTER

Mitsubishi Materials' latest multi-functional shoulder milling cutter RS0112 features a proprietary V-insert geometry that delivers an excellent balance of sharp cutting performance and high strength.

This enables stable, long-duration machining, making RS0112 an ideal solution not only for high-efficiency machining but also for meeting the growing needs of automation and reduced manpower.

By strongly supporting uninterrupted machining, RS0112 contributes to reducing shop-floor workload while further improving operational efficiency.

..... **NEW 10/2026**

New multi-function shoulder milling cutter for high performance general machining.

Arbor type: Ø 30 mm – 100 mm

Screw-in type: Ø 16 mm – 40 mm

Shank type: Ø 12 mm – 50 mm

The latest high technology MP1200 / MV1000 grade inserts are available.



Interested in more...

**B285**

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)



# DRILLING TOOLS

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## PRODUCT



|            |                   |           |
|------------|-------------------|-----------|
| <b>NEW</b> | <b>DXAS</b>       | <b>32</b> |
| <b>NEW</b> | <b>DFAS / MFE</b> | <b>33</b> |
| <b>NEW</b> | <b>MINI DVAS</b>  | <b>34</b> |

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# DXAS



## EXCHANGEABLE HEAD CARBIDE DRILL

A revolutionary exchangeable head drill that dramatically reduces running costs and achieves machining accuracy and an efficiency level comparable to solid drills.

The two-screw fastening suppresses deformation of the holder and enables high-strength fastening. This means it is less likely to loosen and securely fixes the head, even in high-stress machining environments.

The new drill has exceptionally long tool life especially with the DP6020 coated carbide grade. As a result, running costs are significantly reduced compared to conventional exchangeable head drills.

..... **NEW 10/2025**

New and innovative exchangeable head drills. For high performance and accurate drilling of steels.

From diameter 18.0 – 30.0 mm with  
L/D 1.5/3/5/8.



Interested in more...

**B279**

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

## DFAS/MFE



### SOLID CARBIDE FLAT BOTTOM DRILLS FOR A WIDE RANGE OF APPLICATIONS

The flat gash lands on the corners provide greater strength and sharpness for a substantial reduction of burrs. The end geometry that combines different radii forms a strong cutting edge and provides excellent chip control.

The multi radius point geometry in combination with the thinned centre point forms ideal chip shapes, thereby dramatically reducing cutting resistance.

The special through coolant channels in the DFAS drills offer significantly increased cooling and chip evacuation that ensures stable machining of stainless steels and titanium alloys.

#### NEW 04/2025

##### DFAS-E

Solid carbide flat bottom drills with internal coolant (m7 tolerance).

##### DFAS

Solid carbide flat bottom drills with internal coolant.  
Now available in a longer L/D = 5 type.

##### MFE

Solid carbide flat bottom drills (h7 tolerance).

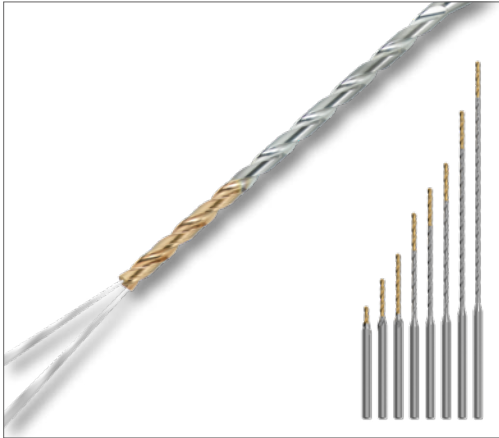


Interested in more...

# B233

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

## MINI DVAS



### SOLID CARBIDE DRILL SERIES FOR FAST, RELIABLE AND ACCURATE DRILLING

The MINI DVAS drills can perform at higher feeds and speeds meaning faster drilling cycles thereby improving productivity.

Straighter holes, improved dimensional and positional accuracy are achieved with DVAS drills. Tool life also exceeds all normal expectations.



Interested in more...

# B267

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

..... **NEW 04/2025**

Solid carbide TRISTAR drill series.

Now available in extra long L/D = 50.  
Ø 1.0 mm – Ø 2.9 mm  
L/D = 2 – 50





# MPLUS TOOLS

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## PRODUCT



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**NEW** 415SD

36

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**NEW** M-TAPS

37

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*Mplus...*

## 415SD



### A VERSATILE MILLING TOOL FOR MACHINING A WIDE RANGE OF MATERIALS

The 415SD high-feed milling cutter offers reliability and cost efficiency for plunge, interpolation and ramp machining.

Precise insert pocket positioning and secure clamping with large contact surfaces enables more efficient, high-feed machining.

MV1000 grades with different chip breakers are available for the P, M and K material groups. MP9130 indexable inserts are available for machining titanium alloys.

Irregular pitch flutes reduces vibration and the multi flute geometry ensures highly efficient cutting performance.

#### ..... **NEW 04/2026**

MP1230/MP1240  
Grade expansion.  
PVD coated carbide grades for milling.

#### ..... **NEW 04/2025**

MV1020/MV1030  
Grade expansion.  
First choice for high-feed machining.



Interested in more...

## MP111

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

# M-TAPS



## HIGH PERFORMANCE SOLID TAPS FOR CUTTING AND COLD FORMING

M-TAPS are a high-performance range of taps developed for demanding cutting and cold forming applications.

Manufactured from premium HSS-PM and enhanced with advanced coatings, M-TAPS provide excellent wear resistance, long tool life and reliable machining performance across a wide range of applications.

Optimized geometries ensure stable threading operations, improved process security and consistent thread quality, supporting high productivity in both general machining and high-performance areas.

..... **NEW 10/2026**

### M-TAPS

High-performance cutting and cold forming tap geometries for through, blind and bottoming thread applications.

#### Cutting taps:

- Metric: M3 – M20 / Metric Fine: MF8 – MF16
- UNC / UNF: Nr.10 – 1/2"

#### Cold forming taps:

- Metric: M3 – M16 / Metric Fine: MF8 – MF16
- G: 1/8" – 1/2"



Interested in more...

**MP300**

[www.mmte-mediastore.net](http://www.mmte-mediastore.net)

# YOUR ADDED VALUE...

## MITSUBISHI MATERIALS TECHNOLOGY & EDUCATION CENTRE (MTEC)



Video MTEC



### SOLUTIONS FOR SPECIFIC APPLICATIONS

Mitsubishi Materials has established a network of advanced Technology Centres (MTEC) in strategic locations around the world. These centres specialise in developing innovative, customized tooling solutions and offer a comprehensive range of complementary services, including project engineering, process optimization, cutting tests and machining simulations.

In Europe, Mitsubishi Materials operates two state-of-the-art Technology Centres, MTEC Stuttgart and MTEC Valencia. These centres serve as hubs for technical excellence and collaboration with customers. They are supported by a broad network of international application engineers who contribute their expertise and insights into best practices to the project engineering process, ensuring the highest standards of product quality and performance.

## PRODUCTION IN EUROPE



Video MME



Video UFP



### MANUFACTURING CAPABILITIES IN EUROPE

Mitsubishi Materials operates state-of-the-art production facilities in Europe, including Mitsubishi Materials España and UFP S.r.l., which belongs to Mitsubishi Materials Tools Europe. These facilities manufacture high-performance standard tools and customised solutions that are engineered to meet the specific demands of a diverse range of industries.

The local manufacturing presence in Europe ensures faster lead times, greater flexibility and responsiveness, allowing customers to achieve optimal performance.

# ...OUR CIRCULAR ECONOMY SERVICES

## RECONDITIONING SERVICE AND SPECIAL TOOLS



MME Special tools



UFP-Website

### COMPREHENSIVE TOOL SERVICES

Mitsubishi Materials is a comprehensive solution provider, offering expert support throughout the entire cutting tool lifecycle. This includes everything from the initial offer and tool design to precision production and responsive after-sales service.

Mitsubishi Materials Tools Europe now offers customers state-of-the-art reconditioning and recoating services, as well as a wide range of special tools. Serving a wide range of industries, including aerospace, medical, automotive, energy and defense, the company is committed to unlocking the full potential of cutting tools and maximising performance and productivity.

## RECYCLING



Video H.C. Starck  
Tungsten Powders

### SUSTAINABILITY AS A FUNDAMENTAL PRINCIPLE

Mitsubishi Materials is committed to sustainability, focusing on the recycling of carbide tools and developing solutions that contribute to a sustainable future.

With the two group companies; Japan New Metals and H.C. Starck Tungsten Powders, Mitsubishi Materials is a world leader in the recycling of materials containing tungsten and one of the leading providers of tungsten powder. H.C. Starck Tungsten Powders can extract pure tungsten from almost all forms of tungsten scrap and production waste, including mixed hardmetal, drills, end mills, inserts and drill bits.

## EUROPEAN SALES COMPANIES

### GERMANY

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Published by:  MITSUBISHI MATERIALS TOOLS EUROPE | 2026.10