

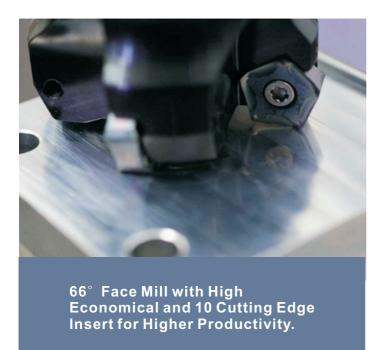
# Spring & Summer Campaign

Make it Simple



Campaign Period: March 20th 2023—August 20th 2023





## MFPN66 Series







PNMU0905-UG -TG4025







PNMU0905-SG-TG4035









PNMU0905-TG -TY602

## **Purchase**

20 times X Teeth





Milling: Bore Type MFPN66 DCX(50-125mm)

Max.ap:5.0mm

#### **Product features:**

- ★Stability and cost efficiency with 10-edge pentagonal inserts.
- ★Low cutting forces and reduced chattering with a helical cutting-edge design.
- ★Tough and reliable dual cutting edge design.



The delivery time of the free milling cutter is subject to change when the stock is running out. Please plan your orders early.





Shoulder Milling Cutter with 8 Double-Sided Cutting Edge and Low Cutting Forces for Reduced Chattering and Superior Fracture Resistance.



- P M SNGX1306-ML TE620 SNGX1306-M TE620
  - K SNGX1306-ML TY720 SNGX1306-M TY720
  - S SNGX1306-ML TS320

## Purchase

20 times X Teeth





Milling: Bore Type TSN DCX(50-125mm)



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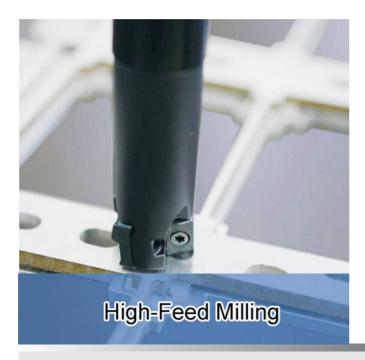
在庫を数多く用意しておりますが、品切れの際は 納期がかかる場合があります。ご注文を早めにお願いします。

#### **Product features:**

- ★The insert is double-sided eight cutting edge type, which is economical.

  The large front angle of the insert is designed to cut easily.
- ★There are M and ML grooves to meet the processing requirements under different working conditions.





## **MRH Series**

Milling:Shank Type DCX (16-32mm) Max.ap:1.0mm

Both of standard type and non-interference type are available





LOGU030310-GM-KX402





LOGU030310-GM-KX405



M

LOGU030310-GM-TY602



20 times X Teeth



One Cutter/Holder

Durable Design Aids in Chatter Resistance.

Stable High Feed Machining on a Wide Range of Applications.

Controls Chip Biting with Convex Cutting Edge.

Wide diameter range.

## Modular MFH03 Series

Milling:Modular DCX (16-40mm) Max.ap:1.0mm







SOMT140520-GM-KX402





SOMT140520-GM-KX405

Milling:Bore Type DCX (50-125mm) Max.ap:2.0mm

#### **Product features:**

★3D convex cutting edge reduces shock of biting workpiece Multi-functional cutter for ramping, helical milling, etc.



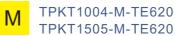
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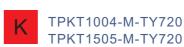


## **TTP Series**















# Purchase

20 times X Teeth



Milling:Bore Type TTPF90 DCX(40-125mm)
Max.ap:7/11mm

Shank Type TTPE90 DCX(16-40mm) Max.ap:7/11mm

#### Product features:

- ★3 cutting edges on one insert for highly economical machining.
- ★Optimized relief geometry on the positive insert ensures low cutting force and minimal chattering.
- ★Helical cutting edges and optimized positioning on cutter provide high wall accuracy and surface quality.
- ★Sharp and tough rake geometry reduces fracture of cutting edges.
- ★Triangular shape of the insert improves clamping rigidity and reliability.
- ★Insert sizes in 10,15 mm cover small to large depths of cut.



The delivery time of the free milling cutter is subject to change when the stock is running out. Please plan your orders early.





## TWN90 Series







# Purchase 20 times X Teeth



Milling:Bore Type TWN90 DCX (63-125mm) Max.ap:6.5mm

#### **Product features:**

- ★Sharp cutting due to lower cutting forces.
- ★Reduced chattering even with extended milling adapters.
- ★Superior fracture resistance with thick edge design.



The delivery time of the free milling cutter is subject to change when the stock is running out. Please plan your orders early.





## **Multi-Functional Milling**



#### **Modular Endmill:**

HHD Series 4 Flutes Square DCX(8-25mm)

HSB Series 2/4 Flutes Ball Nose DCX(10-25mm)

HRTA Series 4 Flutes Corner Radius DCX(8-25mm) R0.5/R1.0/R2.0)

Purchase 5 Milling Heads

Corresponding



### **Tungsten Anti-Vibration Milling Holder**



MFT Series DCX (8-32mm)

LCX(100L/150L/250L/300L/350L)

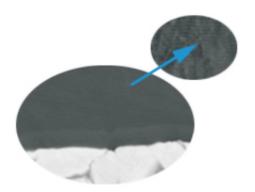
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## TG4120

- ★Densified small-sized columnar crystal morphology.
- ★Less pores between crystals, the straight columnar boundary is blocked, and the fast channel is closed, thus showing strong high temperature oxidation resistance.





- ★Nano multilayer coating structure
- ★Strong crack growth resistance
- ★Recommended Cutting Material:

Low Carbon Steel (≤HB180), Stainless Steel



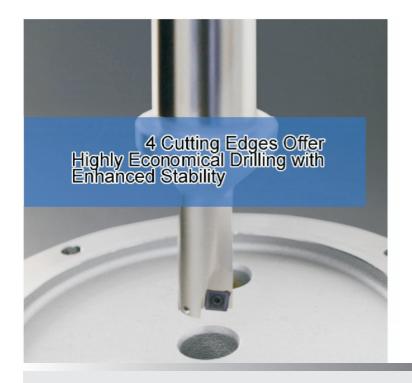


#### Chipbreaker:

Negative Type			
TF		Finishing	
GF		Finishing	
QM		Medium Cutting	

Positive Type		
TF		Finishing to
СМ		Medium Cutting





## U Drill

(TZ650 Grade Campaign)

Drill Bodies:DCX(13-45mm)

L/D=2,3,4,5

Tolerance:-0.1~+0.2mm

# Purchase

30 times X Teeth





New PVD coating Suitable for medium and high speed machining of general-purpose materials, with high wear resistance and impact resistance.

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