

IDEAL FOR MULTI-TASKING MACHINE

# POLYGONAL TAPER C6 TOOLING



Turning tools  
come to be serialized!



**NEW**

The Ultimate Chuck  
for Small Dia. Tools

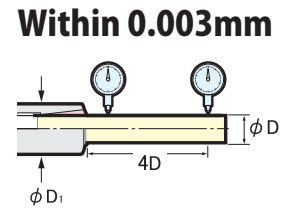
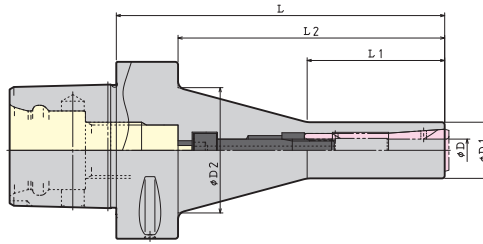
**C6 MINI-MINI CHUCK ADVANCED** 

**NIKKEN**

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For MAX. 30,000min<sup>-1</sup> & G2.5 High Speed Rotation. Run-out Accuracy 0.003mm at 4D.  
**NEW POLYGONAL TAPER C6 TOOLING for MULTI-TASKING MACHINE**



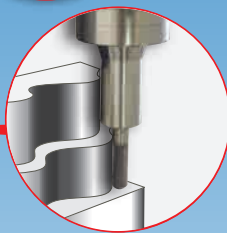
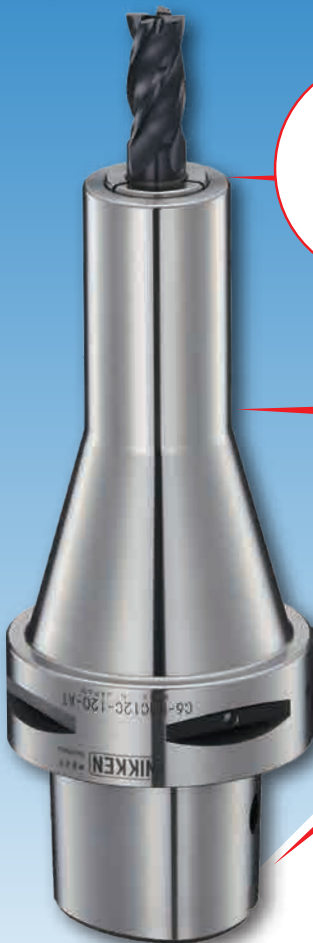
Code No.	D	L	D1	D2	L1	L2	Suitable Collet	MAX. Speed Rotation (min <sup>-1</sup> )	Weight (kg)
C6-MMC 8C-120-AT	2~8	120	20	44.7	49	95	PMK 8 VMK 8	30,000	1.1
12C-120-AT	4~12		30	53.8	53	97	PMK12 VMK12		1.4

**High Speed**

**High Precision**

The Ultimate Chuck for Small Dia. Tools

# MINI-MINI CHUCK **ADVANCED** α



## 1. Strong Gripping at Nose

Run-out Accuracy : 0.003 mm at 4D

Gripping torque is increasing.

TiN bearing built in (HV2,200)

## 2. Narrow Body

Narrow Body Design Accesses Tight Spots

## 3. Quick and Easy

Powerful Gripping Torque just with a Wrench

### The Coolant Solution for MINI-MINI Chuck

for Cutting Tools with Oil Hole	for Standard Cutting Tools
<p>Coolant is Supplied from Oil Hole of Cutting tools</p> <p><b>VMK Collet</b></p> <p>Sealing with Mechanical Seal Coolant will be supplied from the oil hole of the drill due to sealing by collet.</p>	<p>Jet Coolant with No Spread Even at High rpm</p> <p><b>VMK-J Collet</b></p> <p>Jet Spread Groove Type Coolant is jetted from the triangular groove. Tornado-like jet blows off chips.</p>

Direct Screw type MINI-MINI chuck is now available for Polygonal C6 taper. The collet is drawn from the spindle side without using a nut to achieve high runout accuracy, strong gripping at nose and narrow body. It is effective for high speed milling and fine hole drilling.

#### Standard Collet PMK Collet



Standard Type
PMK 8-2, 2.2, 2.4, 3, 4, 5, 6, 7, 8
PMK12-4, 5, 6, 8, 10, 12

★Even the gripping range of PMK Collet is 0.2mm/dia. (e.g. PMK8-2 : 1.8~2.0) but the shank tolerance of h6 highly recommended for precision machining.

#### for Cuttig Tools with Oil Hole VMK Collet



Coolant-thru Type
VMK 8-2, 3, 4, 5, 6, 7, 8
VMK12-4, 5, 6, 8, 10, 12

★Please note the acceptable shank tolerance h6.

#### for Jet Coolant VMK-J Collet



Coolant-thru Type
VMK 8-2J, 3J, 4J, 5J, 6J, 7J, 8J
VMK12-4J, 5J, 6J, 8J, 10J, 12J

★VMK8-2J and VMK8-3J are changed to VMK8-2JB and VMK8-3JB once the stock runs out.