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MTG™ MULTI TOOLING

ENGLISH



## **MTG™ Multi Tooling**

FOR STRIPPIT AND NISSHINBO STYLE  
THICK TURRET PUNCH PRESSES

# MTG™ MULTI TOOL TOOLING

## FOR STRIPPIT STYLE AND NISSHINBO STYLE THICK TURRET PUNCH PRESSES

**What is a Multi Tool?** - It's a tool which expands the capacity of any one station of a CNC press by allowing more than one punch and die set to be placed in a particular machine station. It is different from a cluster tool in that only one punch actuates during a ram cycle.

**Benefits:**

**PUNCH**

- Mate DuraSteel™ tool steel with superior hardness and toughness for extended interval between regrinds.
- Hardened double-D key for precise orientation of punches for improved piece part quality.
- 1/4 degree back taper and near polished punch flanks to reduce friction, eliminate galling, and maximize punch life.
- Maxima™ coating available for extreme applications.

**STRIPPER**

- Hardened and ground with superior concentricity for reduced friction and longer tool life.
- Smooth rounded edges to eliminate sheet marking, improve piece part quality and make installation simple.
- Compatible with existing tooling inventory for maximum flexibility.

**SLUG FREE® DIE**

- Slug Free die geometry eliminates slug pulling to improve piece part quality and increase tool life.
- Highly wear-resistant tool steel provides optimum balance between hardness and toughness, for extended life.



**Punch**

- Round **PNSROA**
- Shape **PNSR\_A**

**Stripper**

- Round **SNSROA**
- Shape **SNSR\_A**

**Slug Free® Die**

- Round **DGSROA**
- Shape **DGSR\_A**

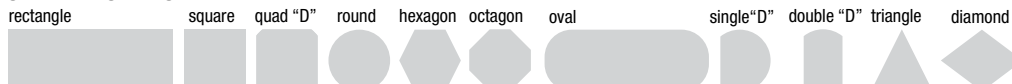
**REFERENCE DIMENSIONS CHART:**

Punch:	Strippit	Nisshinbo
Maximum Diagonal	0.500(12.70)	0.630(16.00)
Overall Length (New)	3.942(100.13)	
Shank Diameter	0.630(16.00)	
Head Diameter	0.810(20.57)	
<b>Stripper:</b>		
Outside Diameter	1.057(26.84)	
Thickness	0.286(7.26)	
Stripper Land	0.186(4.72)	
<b>Slug Free® Die:</b>		
Outside Diameter	1.000(25.40)	
Overall Height (new)	0.691(17.55)	

**General Add-Ons:**

- Radius Corner **no charge**
- Special Angle Settings **Add** punch, and die
- Small Diameter Round Tools**
- Diameter 0.031(0.79) to 0.061(1.55) **Add** to punch, stripper, and die
- Diameter 0.062(1.56) to 0.092(2.34) **Add** to punch, stripper, and die
- Narrow Width Shaped Tools**
- Widths under 0.078(2.00) **Add** to punch, stripper, and die
- Maxima**
- MTG™ Long **Add** to punch

**STANDARD SHAPES:**



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