

Superior Solutions for Sheet Metal Fabricators

# MTG™ MULTI TOOLING

For Strippit Style and  
Nisshinbo Style Thick  
Turret Punch Presses



PN 2011

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# 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.

### 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)	
Stripper:		
Outside Diameter	1.057(26.84)	
Thickness	0.286(7.26)	
Stripper Land	0.186(4.72)	
Slug Free® Die:		
Outside Diameter	1.000(25.40)	
Overall Height (new)	0.691(17.55)	



#### Punch

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

#### Stripper

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

#### Slug Free® Die

Round **DGSR0A**  
 Shape **DGSR\_A**

#### General Add-Ons:

Radius Corner Add 10% to punch, stripper, and die  
 Special Angle Settings Add 25% punch, and die

#### Small Diameter Round Tools

Diameter 0.031(0.79) to 0.061(1.55) Add 25% to punch, stripper, and die  
 Diameter 0.062(1.56) to 0.092(2.34) Add 10% to punch, stripper, and die

#### Narrow Width Shaped Tools

Widths under 0.078(2.00) Add 25% to punch, stripper, and die

**Maxima**  
 MTG™ Long

### STANDARD SHAPES:



[Dimensions in Inches(mm)]

