Superior Solutions for Sheet Metal Fabricators





#### **WORLDWIDE HEADQUARTERS:**

1295 Lund Boulevard, Anoka, Minnesota 55303 USA Tel +1.763.421.0230 Fax +1.763.421.0285 U.S. Toll Free: Tel 800.328.4492 Fax 800.541.0285 **mate.com** 



# MATE AMX<sup>TM</sup> THICK TURRET ABS TOOLING

Mate's new AMX<sup>™</sup> Thick Turret ABS Tooling offers the superior replacement alternative fabricators have been waiting for! AMX Tooling provides 100% worry free compatability with AMADA<sup>®</sup> ABS assemblies and holders. PLUS, you have the flexibility of using AMX punches with Mate's Ultra TEC<sup>®</sup> Tooling System. Mate incorporated advanced metallurgy and lubrication delivery systems to prevent galling, slivering, and slug pulling. As with all Mate products, AMX is backed by Best-In-Class service and our 100% Customer Satisfaction Guarantee.

#### **AMX<sup>™</sup> Punches**

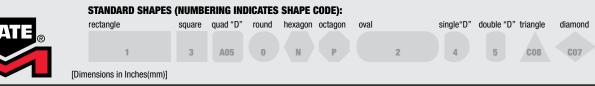
- 100% worry free compatibility with Amada assemblies.
- Holder compatible with Mate Ultra TEC<sup>®</sup> and Ultra TEC<sup>®</sup> Fully Guided systems.
- M2 High Speed Steel OEM equivalent. Superior to other after-market replacements, M2 lasts longer between regrinds.
- Precision gun drilled ABS channels on A and B-station punches.
- Standard external spiral lubrication grooves on A & B-station punches ensures uniform fluid flow for friction free punch-to-guide operation.
- 1/4 degree total back taper reduces galling.
- Hardened pin for precise orientation of punches for improved piece part quality.
- SuperMax<sup>™</sup> coating, Maxima<sup>™</sup> coating and Nitride treatment available for special application needs.

#### AMX<sup>™</sup> A and B-station Stripper Guides

- Available for A and B-station punches.
- Stripper opening incorporates blips for ABS compatibility.
- Fully hardened and ground for maximum precision and long life.
- Two styles:
  - Rounds, with internal keyway.
  - Shapes, with multiple precision keyways.
- Stripper relieved to allow 0.118(3,00) extra grind life.
- Rounded edges to minimize sheet marking.

#### AMX<sup>™</sup> C, D, and E Strippers

- Fully compatible with AMADA ABS systems.
- Relieved to allow 0.078(2,00) extra grind life.
- Rounded edges to minimize sheet marking.
- · Blips around stripper opening for ABS functionality.









## MATE AMX™ THICK TURRET ABS TOOLING SYSTEM

A-STATION PUNCH			-		
ROUND	PMXA0A		-		
SHAPE	PMXA A				
A-STATION STRIPPER GUIDE		211			
ROUND	SMXAOA		-		
SHAPE	SMXA_A				
B-STATION PUNCH		A & B-station punches			
ROUND	PMXB0A				
SHAPE	PMXB A				
	RIPPER GUIDE	C-station stripper	A & B-station stripper guides		
ROUND	SMXBOA				
SHAPE	SMXBUA SMXB A	-			
C-E-STATION PUNCHES			1		
				1	
ROUND	PMXCOA	D-station stripper		1	
SHAPE	PMXC_A		E-station s	tripper	
ROUND	PMXDOA				
SHAPE	PMXD_A	Add Uns for Rounds a	Add Ons for Rounds and Shapes:		
ROUND	PMXE0A	Maxima <sup>™</sup> Coating or Nitrid	Maxima <sup>™</sup> Coating or Nitride Treatment for Punches:		
SHAPE	PMXE_A	A-Station:	Add	to punch	
C-E-STATION		B-Station:	Add	to punch	
ROUND	SMXCOA	C-Station:	Add	to punch	
SHAPE	SMXC_A	D-Station: E-Station:	Add Add	to punch to punch	
ROUND	SMXDOA	Narrow Width:	7100		
SHAPE	SMXD_A				
ROUND	SMXEOA	Round point diameter 0.031(0.80) to 0.061(1.55):	Add	to punch	
SHAPE	SMXE_A		, luu	to punon	
	ASSEMBLIES	Round point diameter			
A-STATION	XPAAMX	0.062(1.55) to 0.092(2.34)	: Add	to punch	
<b>B-STATION</b>	ХРАВМХ	Shape point width			
AMX SEAL KIT*		is less than 0.079(2.00):	Add	to punch	
A-STATION	MATE01880				
<b>B-STATION</b>	MATE01883	<u>Non-Standard Angle Setting</u> Punches: Add		o for all atotions	
		Punches: Add	to price	e for all stations	
<b>D-E STATION</b>	SLITTING SYSTEMS				
D-STATION AMX Punch Insert Retainer Assembly		MATE01988			

D-STATION AMX Punch Insert Retainer Assembly E-STATION AMX Punch Insert Retainer Assembly D-STATION Slitting Insert with M4 Material E-STATION Slitting Insert with M4 Material

MATE01990

P4AQ\_A P4AR\_A



[Dimensions in Inches(mm)]

\*To make your existing Mate A & B-Station Original Style punch head assemblies ABS compatible, use this AMX Seal Kit.





### **MATE PRECISION TOOLING**

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