

Superior Solutions for Sheet Metal Fabricators

AMXX™
MATE ABS TOOLING SYSTEM



PN 2011

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MATE AMX™ Thick Turret ABS Tooling

Mate's AMX™ Thick Turret ABS Tooling offers the superior replacement alternative fabricators have been waiting for! AMX Tooling provides 100% worry free compatibility with AMADA® ABS assemblies and holders. PLUS, you have the flexibility of using AMX punches with Mate's ULTRA TEC® 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™ Punches

- 100% worry free compatibility with Amada assemblies
- Holder compatible with Mate ULTRA TEC® and ULTRA TEC® 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
- Maxima™ coating and Nitride treatment available for special application needs

AMX™ 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™ 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



AMX Punch Compatibility Chart

Mate Tooling Style	AMX™ Punch	Canister/Spring Pack	Stripper Guide/Guide Assembly	Stripper	SLUG FREE® Die
A-Station:					
AMX Style	PMXA	XPAAMX**	SMXA	N/A	D0AA
ULTRA TEC®	PMXA	A0VAASCA / MATE01362* - Metric	A0VA0SGU - Round	S6YA	D0AA
		A0VAASCQ - Quickhit™	A0VA00GU - Shape		
B-Station:					
AMX Style	PMXB	XPABMX**	SMXB	N/A	D0AB
ULTRA TEC®	PMXB	MATE01076 - Metric	A0VB0SGU - Round	S6YB - Standard SHYB - Heavy Duty	D0AB
		A0VABSCQ - Quickhit™	A0VB00GU - Shape		
ULTRA TEC® Fully Guided	PMXB	MATE01076 - Metric	A0VB00GG	S6KK	D0AB
		A0VABSCQ - Quickhit™			
C-Station:					
AMX Style	PMXC	N/A	MATE00654	SMXC	D0AC
ULTRA TEC® w/M14 Bolts	PMXC	N/A	MATE00654	S6KC	D0AC
ULTRA TEC® Fully Guided w/M14 Bolts	PMXC	N/A	MATE00657	S2KL	D0AC
M14 Punch Driver Conversion Kit, C-Station	Customers may use this kit to convert their existing Mate ULTRA TEC® C-Station Guides w/M12 bolts to accept punches w/M14 thread		MATE00651		
D-Station:					
AMX Style	PMXD	N/A	MATE00655	SMXD	D0AD
ULTRA TEC® w/M14 Bolts	PMXD	N/A	MATE00655	S6KD	D0AD
ULTRA TEC® Fully Guided w/M14 Bolts	PMXD	N/A	MATE00658	S2KM	D0AD
M14 Punch Driver Conversion Kit, D-Station	Customers may use this kit to convert their existing Mate ULTRA TEC® D-Station Guides w/M12 bolts to accept punches w/M14 thread		MATE00652		
E-Station:					
AMX Style	PMXE	N/A	MATE00656	SMXE	D0AE
ULTRA TEC® w/M14 Bolts	PMXE	N/A	MATE00656	S6KE	D0AE
ULTRA TEC® Fully Guided w/M14 Bolts	PMXE	N/A	MATE00659	S2KN	D0AE
M14 Punch Driver Conversion Kit, E-Station	Customers may use this kit to convert their existing Mate ULTRA TEC® D-Station Guides w/M12 bolts to accept punches w/M14 thread		MATE00653		





AMX™ Thick Turret ABS Tooling System

Order Guide:

A-STATION PUNCH

ROUND	PMXA0A
SHAPE	PMXA_A

A-STATION STRIPPER GUIDE

ROUND	SMXA0A
SHAPE	SMXA_A

B-STATION PUNCH

ROUND	PMXB0A
SHAPE	PMXB_A

B-STATION STRIPPER GUIDE

ROUND	SMXB0A
SHAPE	SMXB_A

C-E-STATION PUNCHES

ROUND	PMXCOA
SHAPE	PMXC_A
ROUND	PMXDOA
SHAPE	PMXD_A
ROUND	PMXEOA
SHAPE	PMXE_A

C-E-STATION STRIPPERS

ROUND	SMXCOA
SHAPE	SMXC_A
ROUND	SMXDOA
SHAPE	SMXD_A
ROUND	SMXEOA
SHAPE	SMXE_A

PUNCH HEAD ASSEMBLIES

A-STATION	XPAAMX
B-STATION	XPABMX

AMX SEAL KIT*

A-STATION	MATE01880
B-STATION	MATE01883



A & B-station punches



A & B-station stripper guides



C-station stripper



E-station stripper



D-station stripper

Add Ons for Rounds and Shapes:

Maxima™ Coating or Nitride Treatment for Punches:

A-E Station: Contact customer service

Narrow Width:

Round point diameter 0.031(0.80) to 0.061(1.55): Add 25% to punch

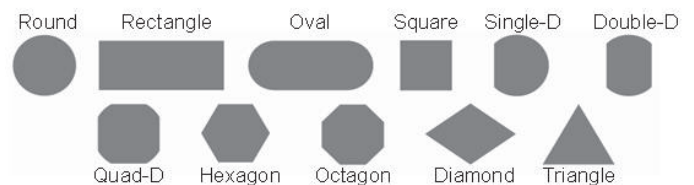
Round point diameter 0.062 (1.55) to 0.092(2.34): Add 10% to punch

Shape point width is less than 0.079(2.00): Add 25% to punch

Non-Standard Angle Setting:

Punches: Add 25% to price for all stations

Standard Shapes:



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