



Tooling for Euromac[®] Multi Tools

XMT™ 12.7A & 24A ADJUSTABLE PUNCH FOR FMTE 6 & 10

XMT™ 12.7 & 24 STANDARD PUNCH FOR FMTE 6 & 10

ULTRA TEC[®] SYSTEM FOR FMTE 4

Mate XMT™ tooling is the world's only tooling designed specifically for Euromac™ punch presses. Mate's status as OEM for Euromac makes XMT tooling the only way to take full advantage of the capabilities of the Euromac FMTE6 and FMTE10 multi tool punch holders. In addition to XMT tooling, Mate offers our high performance Ultra TEC® tooling for use in Euromac's FMTE4 multi tool punch holders.

MATE XMT PUNCH FEATURES FOR FMTE6 & FMTE10:

- Premium high speed tool steel for exceptional interval between regrinds.
- 1/4 degree back taper and near polished flanks reduce friction and eliminate galling.
- Minute corner radii to reduce chipping.
- Hardened and ground D-shaped pin for precise punch orientation.
- SuperMax™ and Maxima™ coatings and Nitride treatment available for extreme applications.

MATE XMT12.7A/XMT24A PUNCH FEATURES FOR FMTE6 & FMTE10:

- Adjustable punch length. Simply rotate the punch head for up to three times the grind life!*
- Punch head that is made from durable tool steel for toughness and long life, with an integral lug for precise orientation.
- XMT12.7A — one rotation = 0.049(1.25) length; adjustment possible in lesser increments.
- XMT24A — one rotation = 0.039(1.00) length; adjustment possible in lesser increments.
- Compatible with Euromac FMTE6 and FMTE10** Multi-Tools.

MATE ULTRA TEC® PUNCHES FOR FMTE4:

- Premium high speed tool steel for exceptional interval between regrinds.
- 1/4 degree back taper and near polished flanks to reduce friction and eliminate galling.
- Minute corner radii to reduce chipping.
- Hardened and ground D-shaped pin for precise punch orientation.

MATE XMT STRIPPERS:

- Hardened for less wear and resistance to punch galling.
- Tight clearance for better punch guiding: 0.0017(0.04) for shapes, 0.0025(0.06) for rounds.

MATE SLUG FREE® DIES

- Highly wear resistant, chrome air hardened tool steel with optimum balance between hardness and toughness.
- Slug Free® die geometry eliminates slug pulling.
- Uniform clearance radii in die corners to improve piece part quality.
- Shaped dies keyed. 0.059(1.50) grind life, with shims also available.
- Superior roundness and flatness with exceptional die strength.

* Grind life up to 0.35(9.00). Actual grind life may vary, and depends on type of material and material thickness punched.

** Newer Euromac FMTE10 Multi Tools (those manufactured June 2012 or later). In older FMTE10 models XMT12.7A is compatible with 4 keyed stations only.

Call your Mate Customer Service Representative for more information.



XMT 12.7 & 24



XMT 12.7A & 24A



ULTRA TEC®





EUROMAC®

STANDARD SHAPES (NUMBERING INDICATES SHAPE CODE):




[Dimensions in Inches (mm)]



FMTE6 & FMTE10		XMT12.7MM (NON-ADJUSTABLE) 	XMT12.7A (ADJUSTABLE) 
	Maximum Diagonal	0.500(12.70)	0.500(12.70)
	PUNCH		
	Round	PAXA0A	PLXA0A
	Shape	PAXA_A	PLXA_A
	STRIPPER		
	Round	S6XA0A	S6XA0A
	Shape	S6XA_A	S6XA_A
	SLUG FREE® DIE		
	Round	DOXA00	DOXA00
	Shape	DOXA_0	DOXA_0
	SHIMS		
		MATE01130 8 Each; 0.004(0.10); 0.008(0.20) 0.006(0.15); 0.020(0.51)	MATE01130 8 Each; 0.004(0.10); 0.008(0.20) 0.006(0.15); 0.020(0.51)
	PUNCH HEADS		MATE02081

FMTE6 & FMTE10		XMT24MM (NON-ADJUSTABLE) 	XMT24A (ADJUSTABLE) 
	Maximum Diagonal	0.945(24.00)	0.945(24.00)
	PUNCH		
	Round	PAXZ0A	PLXZ0A
	Shape	PAXZ_A	PLXZ_A
	STRIPPER		
	Round	S6XZ0A	S6XZ0A
	Shape	S6XZ_A	S6XZ_A
	SLUG FREE® DIE		
	Round	DOXZ00	DOXZ00
	Shape	DOXZ_0	DOXZ_0
	SHIMS		
		MSFZ	MSFZ
	PUNCH HEADS		MATE01901 MATE01966 (Pack of 6)

FMTE4 ONLY		ULTRA TEC® (NON-ADJUSTABLE) 	GENERAL ADD-ONS		
	Maximum Diagonal	1.250(31.70)	RADIUS CORNER no charge		
	PUNCH		SPECIAL ANGLE SETTINGS Add punch and die		
	Round	PAUB0A	SMALL DIAMETER ROUND TOOLS		
	Shape	PAUB_A	Diameter: 0.031(0.79) to 0.061(1.55)	Add	to punch, stripper, and die
	STRIPPER		Diameter: 0.062(1.56) to 0.092(2.34)	Add	to punch, stripper, and die
	Round	S6XB0A	NARROW WIDTH SHAPED TOOLS		
	Shape	S6XB_A	Widths under 0.125(3.18)	Add	to punch, stripper, and die
	SLUG FREE® DIE		SUPERMAX™		
	Round	DOAB00	XMT™ 12.7mm and 24mm	Add	to punch
	Shape	DOAB_0	Ultra TEC®	Add	to punch
	SHIMS		MAXIMA® OR NITRIDE		
		MSAB 3 Each: 0.016(0.41), 0.032(0.82) 0.048(1.20)	XMT™ 12.7mm and 24mm	Add	to punch
			Ultra TEC®	Add	to punch

[Dimensions in Inches (mm)]



MATE PRECISION TECHNOLOGIES GLOBAL COVERAGE

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