

Superior Solutions for Sheet Metal Fabricators

MATE SALVAGNINI STYLE FULLY GUIDED PØ PERFORATING SYSTEM



2016
PN

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MATE[®]
M
PRECISION
TOOLING
TRUSTED | QUALITY | SERVICE | SOLUTIONS

MATE SALVAGNINI STYLE FULLY GUIDED PERFORATING SYSTEM

Mate's Salvagnini style fully guided PØ perforating tool is designed specifically for punching smaller hole sizes in the 7 ton stations of Salvagnini punch presses. Designed to accommodate any shape up to 0.492" (12,50) diameter, the system has all the quality Mate features you expect. Punches are made from Mate's specially formulated MPM82™ powdered tool steel for superior wear resistance and longest tool life. Tight stripper clearance prevents lateral punch movement for assured, accurate hole punching. Mate's Salvagnini style PØ perforating system is the ideal solution for both the low and high range sizes of the 7 ton station. All Mate Salvagnini style PØ punches, dies and strippers are fully OEM-compatible.

Punches:

- Premium, specially formulated MPM82™ powdered tool steel provide incredibly long tool life, even under the most extreme punching conditions.
- High abrasion resistance, high anti-galling properties, plus toughness against chipping.
- Fully guided perforating tool has punch size range to .492" (12,50).
- Punches can be sharpened up to 0.059" (1,49).
- A wide variety of special shape punches can be made to your specifications.
- Nitride treatment, and Maxima™ and SuperMax™ coatings available

Strippers:

- Fully guided perforating stripper has unique design to support punch point throughout the punching cycle.
- The stripper is assembled into the upper cartridge.

Dies:

- Standard Salvagnini C station die.
- High speed steel.
- A wide variety of special shapes are available to a clearance of your choice, as well as standard shapes.
- SLUG FREE® dies are available as a no additional cost option
- Specify die clearance as punch size PLUS total clearance, NOT as clearance per side.

Assembly Fixture

- Industries first PØ and P9 assembly and dis-assembly fixture.
- Easy to use. Special pliers to remove round wire rings with ease.
- Safer than a vise or arbor press.
- Small compact size can be mounted on table or held in a vise.



[Dimensions in Inches(mm)]



If you would like more information please contact your Mate Representative.
You can find your Mate Representative at mate.com.

MATE SALVAGNINI STYLE FULLY GUIDED PERFORATING SYSTEM

ORDER GUIDE

PART NUMBER	DESCRIPTION
PUNCHES	
PAPT0A	Round
PAPT_A	Shape
FULLY GUIDED STRIPPERS	
S2PT0A	Round
S2PT_A	Shape
DIES	
DAPC0A	Round
DAPC_A	Shape
COMPLETE UPPER ASSEMBLY	
(Punch, Fully Guided Stripper, Chuck Assembly)	
Round Upper Assembly	
Standard Shape Upper Assembly*	
CHUCK ASSEMBLY	
MATE02344	Chuck Assembly Round
MATE02345	Chuck Assembly, Shape
CHUCK ASSEMBLY REPLACEMENT PARTS	
MATE02341	Chuck, Round
MATE02343	Chuck, Shape
SPR33443	Spring
MATE02477	Retaining Ring
SHC00033	Drawbolt
ASSEMBLY FIXTURE	
MATE02484	Complete Assembly

AVAILABLE OPTIONS

GENERAL	
Non-Standard Straight before Radius (SBR) Dimension	add 25% to punch
Special Angle Settings	add 25% to punch, stripper and die
Optional Shear	No Charge
SMALL DIAMETER ROUND TOOLS	
Diameter 0.020(0,51) to 0.061(1,55)	add 25% to punch insert
Diameter 0.062(1,56) to 0.092(2,34)	add 10% to punch insert
Special Angle Settings	add 25% to punch, stripper and die
NARROW WIDTH SHAPE TOOLS	
Widths under 0.079(2,00)	add 25% to punch insert, stripper and die
COATINGS AND TREATMENTS	
SuperMax™ Coating	add to punch
Maxima™ Coating	add to punch
Nitride Treatment	add to punch



AVAILABLE SHEARS

STANDARD	OPTIONAL
Flat	Rooftop 2-Way Concave 1-Way 4-Way Concave

AVAILABLE SHAPES

STANDARD	SPECIAL	
Round	Arc Oval	9-Way Radius
Rectangle	Arc U-Shape	Rect/Oval
Oval	Band aid	Double Rectangle
Square	Break-Away	Rectangle with Chamfered Corners
Single D	Cable Opening	Rectangle with Rounded Corners
Double D	Cable Opening with Tabs	Rectangle with Tabs
Hexagon	Bi-Diameter	Rectangle with Notch
Octagon	Tri-Diameter	Teardrop
	Quad-Diameter	Trapezoid
	Diamond	Triangle
	Ellipse	
	Football	
	Keyways	
	Keyholes	
	Parallelogram	
	Pentagon	
	Quad D	
	2-Way Radius	
	4-Way Radius	

[Dimensions in Inches(mm)]





visit **mate.com**

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