

Mate Xcel™ Tooling System

For 1-1/4" Thin Turret Stations

Introducing the Mate Xcel™ Tooling System for 1-1/4" Thin Turret Stations. Mate Xcel is a high performance tooling system with features designed to reduce your set-up time, improve piece part quality and maximize productivity. Features include:

Mate Xcel™ Canister Assembly

- Quick punch length adjustment without disassembly for rapid tool change and maximum productivity.
- Push button mechanism allows punch length adjustment in 0.008(0.20) increments for quick and precise tool set-up.
- Superior engagement between canister and guide to prevent length adjustment during punching cycle.
- Self-contained, pre-loaded spring pack for consistent stripping pressure and reliable operation.
- Maximum punch-head surface area for positive contact with machine ram for reliable operation.
- Compatible with existing tooling inventory for added economy and maximum flexibility.*

Punch

- DuraSteel™ 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 Guide

- Hardened and ground with superior concentricity for reduced friction and longer tool life.
- Smooth rounded edges to eliminate sheet marking and improve piece part quality.
- Compatible with existing conventional thin turret 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 service life.



- **Quality**
- **Durability**
- **Reliability**
- **Performance**
- **Compatibility**

Mate Xcel™ Canister

Universal MATE00690

Punch

Round PRSB0A

Shaped PBSB_A

Maxima® Coating

Stripper Guide

Round SRSB0A

Shapes SBSB_A

Slug Free® Die

Round DASB00

Shaped DASB_0

Shim Pack MSAB



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