

Superior Solutions for Sheet Metal Fabricators

MATE ULTRA[®] MULTI TOOL SYSTEMS

- 8 STATION
- 3 STATION



2014
Part Number

WORLDWIDE HEADQUARTERS:

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

MATE ULTRA® MULTI TOOL SYSTEMS - 8 STATION AND 3 STATION FOR THICK TURRET PUNCH PRESSES

Mate is a world-leading supplier of multi tool systems for high performance punch presses.

The new Mate ULTRA® Multi Tool assemblies for thick turret punch presses* make full use of the advantages of Mate ULTRA TEC® punches, strippers and Slug Free® dies. They provide complete compatibility with existing tooling inventory for added convenience. These assemblies are designed and engineered as an integral part of the high performance machines in which they operate.

Mate ULTRA Multi Tools fit into 3-1/2" D-Index stations and are available in two versions for maximum flexibility.

Mate ULTRA Multi Tool 8 station assembly accepts ULTRA TEC 1/2" A station punches, strippers, and Slug Free dies with a maximum punch diagonal of 0.500(12.70). The assembly is configured to accept four shaped tools and four round tools. The precision internal keyways allow 0, 45 and 90 degree angle settings to be achieved.

Mate ULTRA Multi Tool 3 station assembly accepts ULTRA TEC 1-1/4" B station punches, strippers, and Slug Free dies with a maximum punch diagonal of 1.250(31.70). Each tool position can achieve 0, 45 and 90 degree angle settings.

Mate ULTRA Multi Tool assemblies deliver added flexibility:

- ▶ Freedom in nesting
- ▶ Versatility in tooling
- ▶ Reduced set-up times
- ▶ More tooling capacity

Standard ULTRA TEC®

Tooling:

Mate ULTRA Multi Tools accept standard ULTRA TEC punches for exceptional life between regrinds, strippers with recess for additional 0.118(3.00) punch grind life, and Slug Free® dies to eliminate slug pulling and increase piece part quality.



Quick Tool Change:

The twist-lock design of the upper assembly allows tools to be changed in seconds, without the need for additional hand tools, and without the need for disassembly. Faster tool changes optimize machine productivity and efficiency.



Integral Punch Length

Adjustment:

Each punch length can be independently adjusted to ensure the precise punch-to-stripper lead is maintained for optimum punching performance across a wide range of material thickness from 0.020(0.50) to 0.157(4.00).



3 or 8 station hardened shim to protect standard die holders (MATE00050 and MATE00697)

Shim: MATE02330



8-Station
Up to 0.500(12.70)
Upper: MATE00967¹
Lower: MATE00968¹



Patent Pending

3-Station
Up to 1.250(31.75)
Upper: MATE00969¹
Lower: MATE00970¹



Patent Pending

¹Part numbers for Multi Tool assemblies do not include punches and dies.

Requires compatibility with machine ram and programming software. Contact your punch press machine supplier.

