



Mate Ultraform[®] P&F System

Compatible Punch-And-Form (P&F) Option

Introducing the new Mate Ultraform[®] P&F Forming Tool System for use with the Punch-And-Form (P&F) option on Amada punch presses.

Mate Ultraform P&F forming tools are fully compatible with Amada machines that include the P&F option, and are configured with an eccentric turret and manual tool change.

The P&F feature maximizes the feed gap of the machine, because the top surface of P&F lower forming tool assemblies remain at the same height as standard dies.

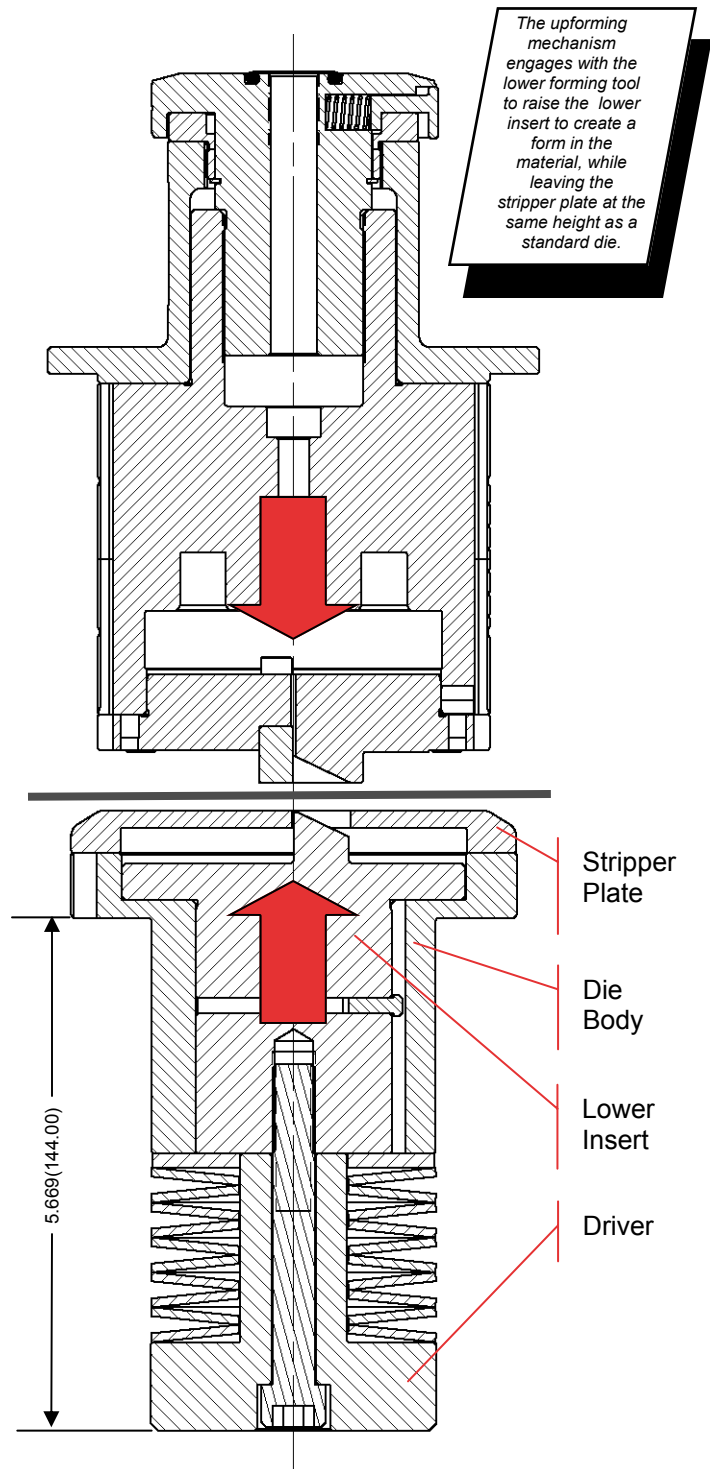
Machines configured with the P&F feature include an upforming mechanism below the lower turret. The upforming mechanism engages with the lower forming tool to raise the lower insert to create a form in the material, while leaving the stripper plate at the same height as a standard die.

The Mate Ultraform P&F Forming Tool System combines an Ultraform punch holder with fully interchangeable upper forming tool inserts, and a custom designed lower assembly.

The Ultraform forming tool holder allows multiple forming tools to be used with the same holder to reduce tooling cost and increase flexibility.

The Ultraform P&F lower forming tool assembly includes the "driver" that engages with the P&F upforming mechanism of the punch press. Punch presses configured with eccentric turrets provide the unimpeded access to the top of the die holder which is not possible with conventional turrets. This allows installation of the much longer Ultraform P&F lower forming tool through the top of the die holder.

Mate Ultraform P&F forming tools are available in 1-1/4" B, 2" C, and 3-1/2" D stations. Contact a Mate application specialist to discuss your next forming tool application.





mate.com

MATE PRECISION TOOLING

United States

1295 Lund Boulevard • Anoka, Minnesota 55303
Phone 763.421.0230 • 800.328.4492 • Fax 763.421.0285 • 800.541.0285