ROLLER SOLUTIONS™ TOOLING

- **ROLLING RIB**
- **ROLLING SHEAR**
- **ROLLING PINCHER**
- **ROLLING OFFSET**

2015
PN

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MATE®
PRECISION TOOLING
TRUSTED I QUALITY I SERVICE I SOLUTIONS

ROLLER SOLUTIONS TOOLING SYSTEMS OVERVIEW

Mate's family of Roller Solutions™ are the latest example of our superior solutions for sheet metal fabricators. Compared to conventional methods using progressive forming tools, our Roller Solutions help you increase productivity at the press. Roller Solutions can also reduce or eliminate expensive secondary operations. Designed for thick turret B-station applications, Mate Roller Solutions are available in Rolling Rib, Rolling Shear, Rolling Offset and Rolling Pincher configurations.

ROLLER SOLUTIONS TOOLING

ROLLING RIB
- High speed – equal to programmed table travel speed.
- Create ribs in any contour using auto index.
- Rib can be started or ended anywhere on the sheet.
- Works on a wide range of material:
  0.032"(0.80mm) – 0.098"(2.50mm) on most material types
- Stock sizes 0.079"(2.50mm) and 0.118"(3.00mm) radii.
- Min. radius 0.630"(16mm) on material up to 0.060"(1.50mm) and 0.78"(20mm) on material greater than 0.060"(1.50mm) depending on machine type.

XAWBD0WR99   ROLLING RIB COMPLETE ASSEMBLY

MAX MATERIAL THICKNESS
0.060"(1.50mm) Stainless Steel
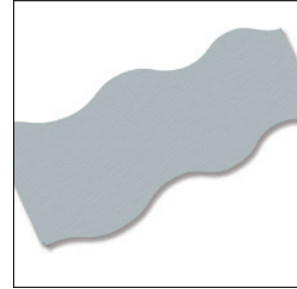0.079"(2.00mm) Mild Steel
0.098"(2.49mm) Aluminum

[Dimensions in Inches (mm)]

ROLLER SOLUTIONS TOOLING

ROLLING SHEAR

- High speed – equal to programmed table travel speed.
- Create cuts in any contour using auto index.
- Virtually no burrs or nibble marks; and no scrap.
- Works on a wide range of material:
  0.032"(0.80mm) – 0.059"(1.50mm) stainless steel
  0.032"(0.80mm) – 0.079"(2.00mm) mild steel
  0.032"(0.80mm) – 0.098"(2.49mm) aluminum
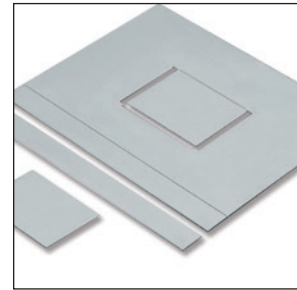- Min. radius 1.771" – 3.937"(45-100mm) depending on machine type.

XAWBD0WS99   ROLLING SHEAR COMPLETE ASSEMBLY

ROLLING PINCHER

- High speed – equal to programmed table travel speed.
- Create cuts in any angle using auto index.
- Virtually no burrs or nibble marks.
- Slit can be started or ended anywhere on the sheet.
- No scrap.
- Works on a wide range of material:
  0.032"(0.80mm) – 0.059"(1.50mm) stainless steel
  0.032"(0.80mm) – 0.079"(2.00mm) mild steel
  0.032"(0.80mm) – 0.098"(2.49mm) aluminum
- Min. radius 19.685"(500mm) depending on machine type.

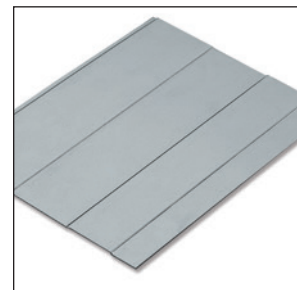**XAWBD0WP99**   ROLLING PINCHER COMPLETE ASSEMBLY

ROLLING OFFSET

- High speed – equal to programmed table travel speed.
- Create offsets in any contour using auto index.
- Virtually no nibble marks.
- Offsets can be started or ended anywhere on the sheet.
- Works on a wide range of material:
  0.032"(0.80mm) – 0.059"(1.50mm) stainless steel
  0.032"(0.80mm) – 0.078"(2.00mm) mild steel
  0.032"(0.80mm) – 0.098"(2.49mm) aluminum
- Stock sizes: 0.059" – 0.118"(1.50mm – 3.00mm)
- Min. radius 0.984"(25mm) depending on machine type.

XAWBD0WJ99   ROLLING OFFSET COMPLETE ASSEMBLY

<u>**Mate Roller Solutions work with the following thick turret machines:**</u>
- Amada
  - All Amada servo electric ram machines (EM, AE, AC, ACIES, etc.)
  - Vipros machines with the 18p controller
  - Apelio machines with the 160iL controller
  - (For straight lines only) Vipros machines that end with 5 or 7 AND have the 04P-c controller
- Euromac
  - MTX auto index machines shipped after March 3, 2005
  - ZX auto index machines shipped after February 18, 2005
- Prima Power
  - Machines with serial numbers that start with 7.8 or higher
  - Machines with serial numbers that start with 7.7 IF the PLC software version is 75.11 or higher

[Dimensions in Inches (mm)]

visit **mate.com**

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