A Units (Pages 22 - 29)
The “A” punching units are the workhorses of the UniPunch product line. Available “A” holder widths are: 1”, 1 ¼”, 1 ½”, 2”, 2 ½”, 3”, 3 ½”, 5 ½” and 8”. Holder width is important because it defines the minimum hole to hole distance. The “A” Series are widely used in industry to punch mild steel up to 1/4” thickness. Depending on your material thickness, punch diameters are available up to 5.000” (127mm).

AJ Units (Pages 30 - 34)
“AJ” punching units are ideal for punching angles and channels, aluminum extrusions and other formed parts. Available “AJ” holder widths are: 1”, 1 ¼”, 1 ½”, 2” and 2 ½”. Holder width is important because it defines the minimum hole to hole distance. The “AJ” units are widely used in industry to punch mild steel up to 1/4” thickness. Depending on your material thickness, punch diameters are available up to 1.500” (38.10mm).

The “AJ” Unit assembled with Pedestal Die uses a one piece pedestal die for punching close to a leg of angles, channels and extrusions. Pedestal dies are routinely modified to accommodate formed parts.

The “AJ” Unit assembled with Die Adapter is a two piece design; the die adapter accepts a button die. One benefit of using the “AJ” Unit with a die adapter is the ability to change button die sizes for multiple materials, at a lower cost.

Feed Clearance Units “FCU” (Page 35)
“FCU” punching units feature extra wide feed openings that allow you to “front feed” parts such as channels, angles and extrusions. Available holder widths are: 1 ¼”, 1 ½” and 2 ½”. These units are used to punch mild steel up to 1/8” thickness. Depending on your material thickness, punch diameters are available up to .8750” (22.22mm). (For thicker material punching applications, see the “AJ” Series.)
**AH Units** (Pages 36 - 39)

"AH" punching units are in the UniPunch product line to offer tooling that can punch 1 ½" round holes in mild steel up to 1/2" thick. For thinner material, punch diameters are available up to 3.000" (76.20mm). Available "AH" holder widths are: 2 ½", 3", 3 ½" and 6".

**OA Unit** (Page 40)

The "OA" unit is an oversized AH-6 unit providing additional hole diameter capacity. It offers the capability of punching up to a 4.000" diameter hole in 3/16" mild steel.

**AD Unit** (Page 41)

The "AD" unit is in the UniPunch product line to offer the capability of punching holes in up to 3/4" thick mild steel. It features two sets of 24 disc springs in order to strip the punch from such thick material. The "AD" unit is a 4" wide holder. Depending on your material thickness, punch diameters are available up to 1.125" (28.57mm).

**AJD** (Formerly part of the D Series) (Page 42)

Standard "AJ" units are limited to punching up to 1/8" thick stainless steel. "AJD" units are UniPunch standard 2" wide "AJ" units assembled with premium D2 tool steel punches for reduced wear when punching up to ½" diameter holes in stainless steel up to 1/4" thick.

**AHD Units** (Formerly part of the D Series) (Pages 43 - 45)

"AH" units are limited to punching up to 5/32" thick stainless steel. "AHD" units are UniPunch standard "AH" units assembled with premium D2 tool steel punches for reduced wear when punching up to 1 ½" diameter holes in stainless steel up to 1/4" thick. Available "AHD" holder widths are: 2 ½", 3" and 3 ½".

**A Series Lineup**

- 8-3/8” shut height & 3-1/2” die height
- Material Thickness: Up to 3/4”
- Part Feed Clearance from 7/16” to 1-1/4”
A Series Notching Units (Pages 48 & 51)

These units are designed to operate as stand-alone tools or can be used in conjunction with the UniPunch “A” Series Lineup to punch and notch parts up to 1/4” (6.4mm) thick mild steel in the same press setup.

Corner Notching Units (Page 48)

UniPunch “A” Series Corner Notch Units are self-contained dies available in 90 degree left hand or right hand units. Two models are offered for corner notch sizes of up to 3” x 3” or 5” x 5”. Die clearance is pre-set at the factory for notching up to ¼” (6.4mm) mild steel. Replacement punch and die blades, springs and other components are available from stock. Units for custom corner configurations are available.

A Series Flat Stock Cutoff Unit (Page 51)

UniPunch “A” Series 6300 Flat Stock Cutoff Units are self-contained two post die shearing units available in widths up to 8” (203.2mm). These units can be mounted in a press or press brake in conjunction with other “A” Series tooling, or can be used for stand-alone cut-to-length applications in mild steel up to 1/4” (6.4 mm) thickness. Other widths can be manufactured to your requirements.