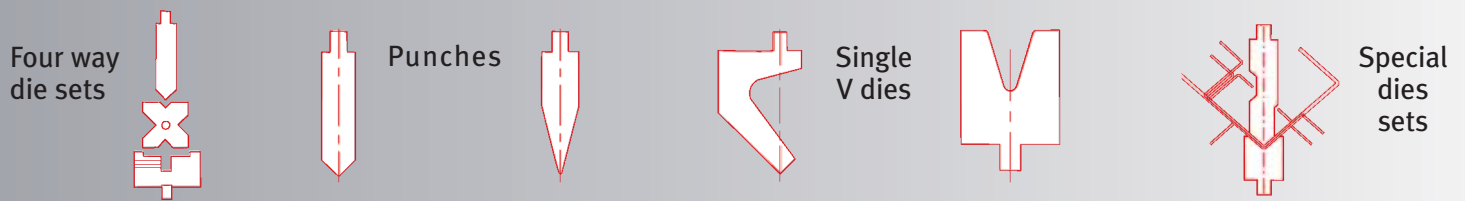


American Four Way and Single Vee Dies



CROWNING SYSTEMS, TOOLING AND ACCESSORIES



Manual Crowning System

- Central dial adjusts from 0 to .100" in seconds
- Adjustment dials every 8" that give crown at that point of the bed up to .017" for small variances in bed and worn tooling
- Optional clamps for 4 way dies



Manual Crowning System with Hand Crank and Reader

- Hand crank w/reader for precision adjustment in seconds
- Automatically adjusts for brake deflection proportionally over full length of bed
- Adjustment screws every 8" for fine adjustment
- Built in clamping bars which automatically center and align single V-dies in seconds

We also offer:

- Hydraulic and Manual Quick Change Ram Clamps
- Sectionalized Tooling
- Adjustable bottom tools
- European Style Tooling
- Manual and CNC Controlled Crowning Systems



Segmented New Standard and American Precision Ground Tooling



Push-Button Quick Change Tooling Systems

- Safety-Click button to snap tools in & out vertically in seconds
- Punches are automatically clamped, seated & aligned with one button
- Both tooling & clamping are precision ground to $\pm .0004$ "
- Available with hydraulic & mechanical clamping for 5 to 10 times faster set-up than conventional tooling

American Precision Ground Tooling

- Designed to fit conventional American nose
- Segmented to allow for any length bending
- Tooling is precision ground to $\pm .0004$ " & hardened at wear points to Rockwell 60C.
- Punches & dies available for air and bottom bending
- Above shown with precision lower tool holder to align single v-tools automatically