



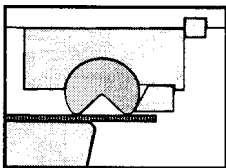
Reduce Tooling Costs and Increase Part Quality

Benders are now less expensive than wipe tooling

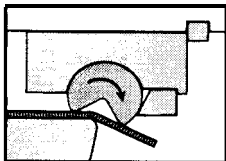
- Hold $\pm 1/2^\circ$ angle tolerance, no "coining" required
- **Overbend** up to 120" in one press stroke
- Reduce operations and eliminate die stations
- Decrease forming tonnage by 50% to 80%
- ideal for forming high strength steel and aluminum
- Hold consistent leg heights, eliminate cams and re-strikes
- Hole locations near bends are usually not distorted
- Benders are more tolerant of material thickness variations
- Form narrow channels and short leg bends
- The "Hemmer", page 1 1, reduces operations and costs
- Form prepainted and decorative metal without tool marks

Compare the Forming Action:

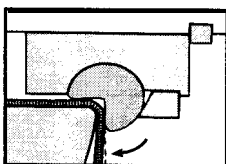
READY Benders@ - standard off the shelf



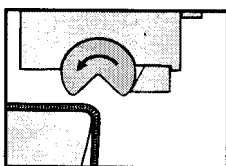
- self-contained form station



- rotary action is gentle

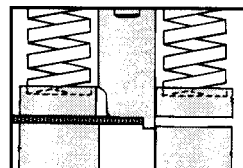


- overbend for springback
- consistent angles, leg heights, hole locations

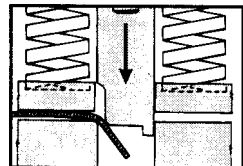


- internal spring returns rocker

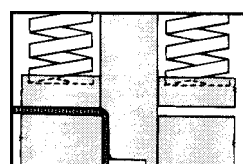
Wipe Tooling - tryout and regrind



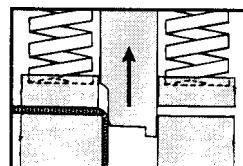
- coning extras needed



- material con hump or slide



- bottom to "coin" radii
- inconsistent angles, leg heights, hole locations



- scrapes and galls on "p" strokes

How to Select the Right Bender for Your Application

INCH BENDERS

The Hard Inch Bender.....page 102

- Used when production volumes are expected to be less than one million parts
- Attractively priced
- Standard & custom lengths
- Customers machine mounting holes to suit application

READY-2000.....page 104

- Used when production volumes are expected to exceed one million parts
- Standard & custom lengths
- Mounting holes included

Compact Bender.....page 107

- Designed to fit tight die spaces
- Ideal for high production
- Standard & custom lengths
- Mounting holes included

METRIC BENDERS

The Hard Metric Bender.....page 112

- Our true metric line
- Used when production volumes are expected to be less than one million parts
- Attractively priced
- Standard & custom lengths
- Customers machine mounting holes to suit application

READY-MET.....page 114

- This is the same inch size product as the READY-2000 (above), only with metric counterbored holes
- Standard & custom lengths
- Metric mounting holes included

Each catalog page gives instructions on how to select the right size **READY Bender®** for your application.