

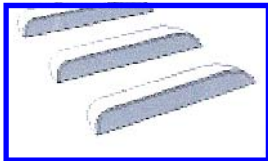
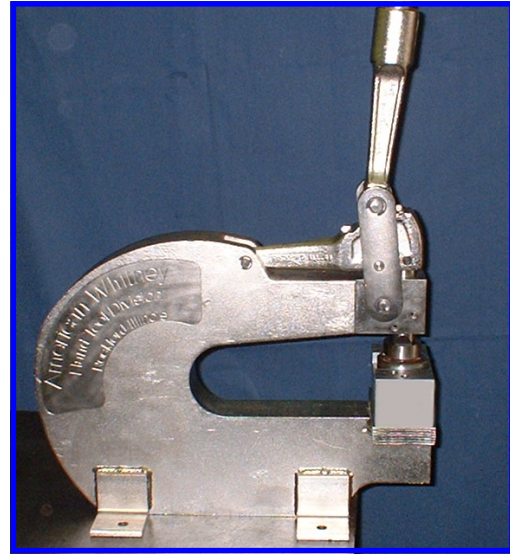
2620 AUBURN ST.
ROCKFORD, ILLINOIS 61101

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No. 92 Bench Press 10 Ton Capacity

A Great Bench Press with a wide range of uses: ornamental iron, sheet metal, model shops, electrical equipment, weld shops, body shops and general industrial applications.

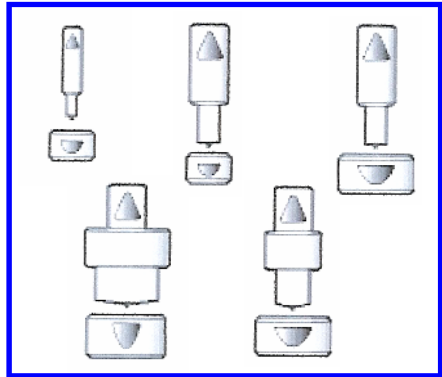
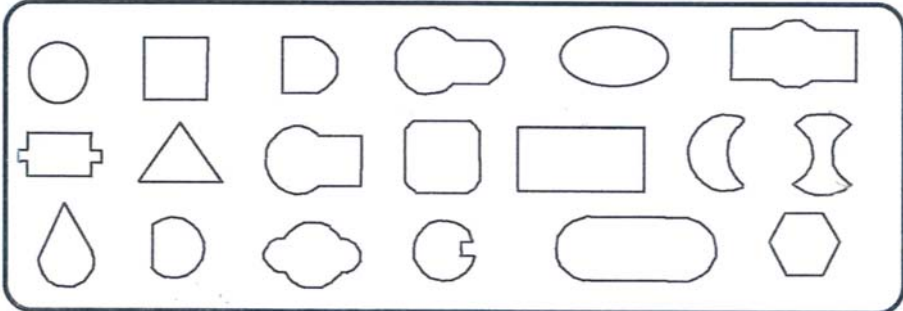
- Hefty 10 Ton Capacity**
- Lever Operated**
- Wearing parts are heat-treated**
- Uses Standard No. 91 Tooling**
- Huge Selection of special tooling**
- Wide work range of applications**
- 10" Throat depth**
- Work Table Available**



Louvers

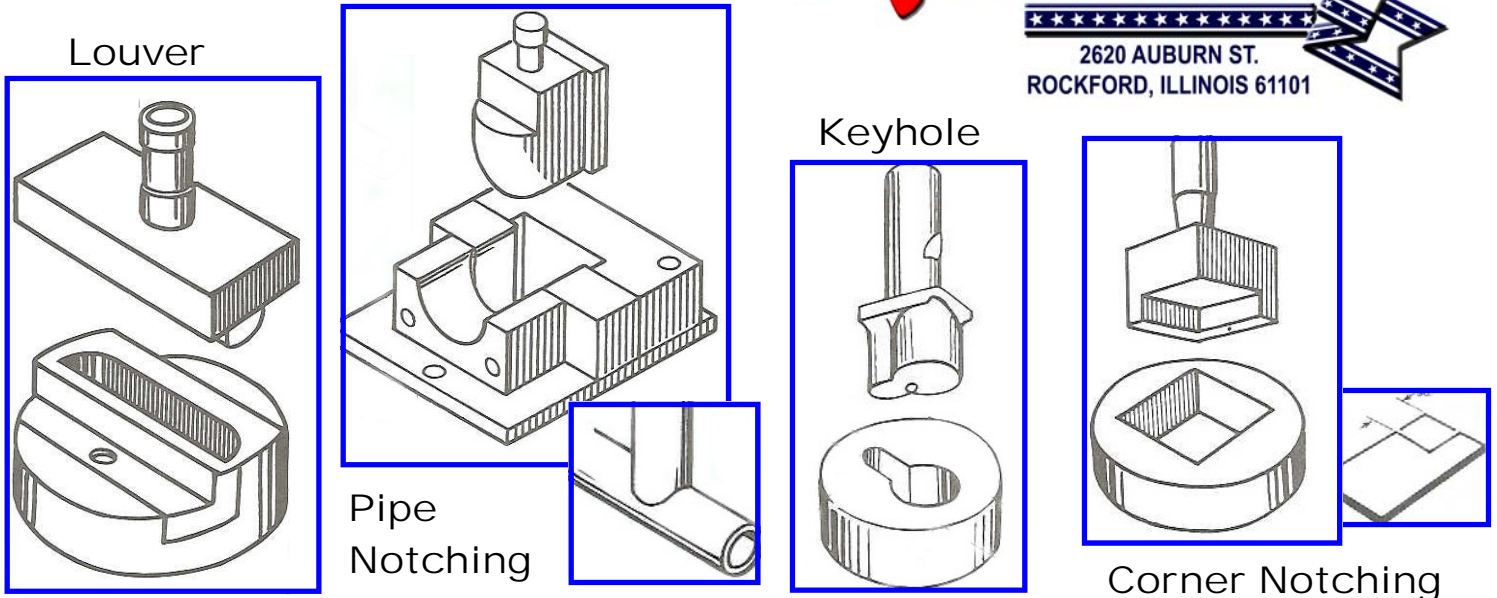
Punch - Notch - Cope - Mitre - Clip
Metal - Veneer - Leather - Plastic - Other Materials

Non Standard Rounds and Shapes are available



If you need a shape that is not shown, send us your sketch, sample or blueprint for quotation

No. 92 Bench Press



Maximum Diameters:
 2" thru 12 ga. mild steel
 1-3/4" thru 1/8" mild steel
 3/4" thru 3/16" mild steel
 1/2" thru 1/4" mild steel:
 Channel - 2-1/2" flange x 1/4" web
 Angle Iron - 2-1/2" x 2-1/2" x 1/4"

Capacity.....10 Ton
 Maximum Thickness1/4"
 (mild steel, 3/8" diam. Hole)
 Ram Stroke.....5/8"
 Shut Height.....3-1/8"
 Throat Depth.....10"
 Weight No. 91.....155 lbs

What Die Clearance do you need?

As a general rule, proper die clearance should run about 10% to 20% of the thickness of material.

Material Size	.006	.021*	.037**
22 ga. thru 14 ga.	X		
12 ga. Thru 5/32"		X	
3/16" thru 1/4"			X

* Use next 1/64" larger die with .006" clearance.
 ** Use next 1/32" larger die with .006" clearance.

Standard Dies have .006" Clearance for Mild Steel
 .021" Clearance for Stainless Steel

What tool tonnage do you need?

$$\begin{array}{ccccccc}
 \text{Punch Dia.} & \mathbf{X} & \text{Material Thickness} & \mathbf{X} & \mathbf{80} & = & \text{Tons of Pressure} & \mathbf{X} & \text{Multiplier} & = & \text{Tool Tonnage Required} \\
 \mathbf{.375} & \mathbf{X} & \mathbf{.250} & \mathbf{X} & \mathbf{80} & = & \mathbf{7.5\ Ton} & \mathbf{X} & \mathbf{1.0} & = & \mathbf{7.5\ Ton}
 \end{array}$$

Material: Aluminum - Brass - Copper - Mild Steel - 50% Carbon Steel - Cold Drawn Steel - Stainless Steel
 Multiplier: .38 .70 .56 1.00 1.50 1.20 1.50