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No. 1 Punch

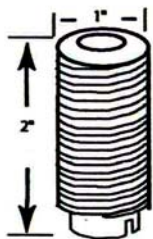
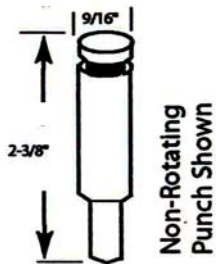
7.5 Ton Capacity

**Punches 1/2" Dia. Hole
thru 3/16" mild steel
Special gear can cam action
for easy operation**

Punch Style #1

Drop-forged steel parts

Nickel Plated



Punch - Notch - Cope - Mitre - Clip

Metal - Veneer - Leather - Plastic - Other Materials

Die Style #1

Round

1/16" - 3/32" - 1/8" - 5/32" - 3/16" - 7/32" - 1/4"
9/32" - 5/16" - 11/32" - 3/8" - 13/32" - 7/16"
15/32" - 1/2" - 17/32" - 9/16"



Standard Stock
Round Punch
Die Sizes

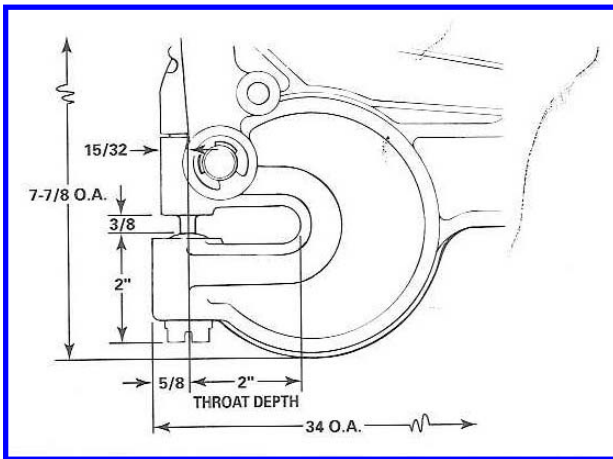
Non Standard Rounds are Available



**Optional Vice
(for bench mounting)**



No. 1 Hand Operated Punch



- **Fast and efficient**
- **Punches clean holes in just seconds**
- **Eliminates the need for electric drill, extension cords, power source, drill bits and center punching**

Capacity.....7.5 Ton
 Maximum Diameter (thru 10 ga. Mild steel9/16"
 Maximum Thickness (mild steel, 3/8" diam. Hole....1/4"
 Throat Depth.....2"
 Space between Punch and Die.....3/8"
 Overall Length (includes 24" removable pipe handles).....34"
 Weight (including handles).....23lbs

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?

Punch Dia.	X	Material Thickness	X	80	=	Tons of Pressure	X	Multiplier	=	Tool Tonnage Required
.375	X	.250	X	80	=	7.5 Ton	X	1.0	=	7.5 Ton

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