

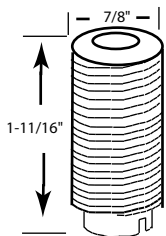
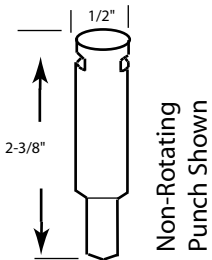
Channel Iron Punch

5 Ton Capacity

The No. 2 Channel Iron Punch is identical to the No. 2 Standard Punch except for its jaw. The special jaw design makes this an Ideal tool for punching the web in channel iron.



Punch Style #2



Die Style #2



Round

Standard Stock
Round Punch &
Die Sizes

- 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

Non Standard Rounds are available

Punch - Notch - Cope - Mitre - Clip

Metal - Veneer - Leather - Plastic - Other Materials

American Whitney Hand Tools

An A-American Company

2620 Auburn Street, Rockford, Illinois 61101 Phone: 815-965-1792 Fax: 815-965-1049

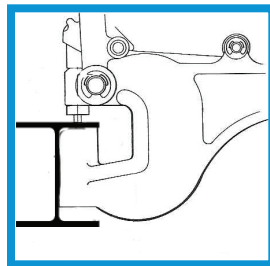
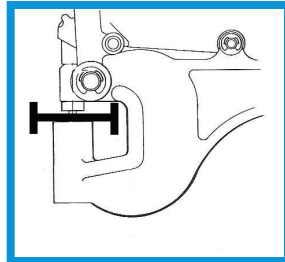
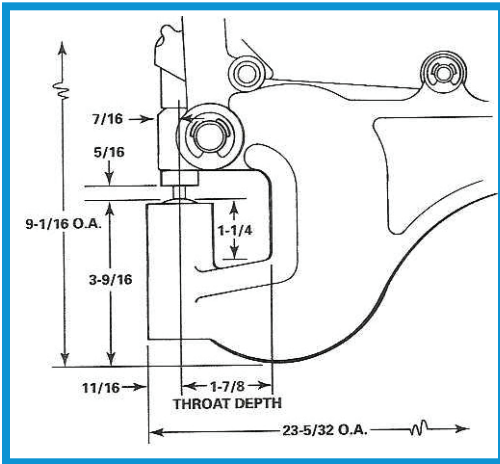
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Channel Iron Punch



Special design allows easy punching of channel iron webs and flanges!

Capacity.....5Ton
 Maximum Diameter (thru 10Gage Mild Steel).....1/2"
 Maximum Thickness (1/4" Mild Steel, 9/32" dia. hole).....1/4"
 Weight.....17 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?

Punch Diameter	X	Material Thickness	X	80	=	Tons of Pressure	X	Multiplier	=	Tool Tonnage Required
.375	X	.250	X	80	=	7.5 Ton	X	1.00	=	7.5 Ton Tool

Punching a 3/8 Inch diameter hole thru 1/4 Inch Mild Steel

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