

EPIC® Connector Accessories

Rectangular Hole Punches For Panel Mount Bases And SKINTOP® Cube



EPIC rectangular hole punches provide a quick, accurate means of cutting clearance holes for mounting HB Series rectangular panel mount bases and SKINTOP Cube multi-cable bushing systems, without sawing or filing. The dies include four drill guide holes for the base's screw mounting holes. Centering alignment marks are also included for easy squaring of the die with the panel cabinet. The unique 2-piece die configuration simplifies scrap slug removal.

The EPIC hole punches can be used with mild steel up to 14 gauge (2.0mm) thickness or aluminum up to 10 gauge (2.54mm). These punches are intended for manual use with a ratchet or other suitable wrench or with a hand or foot operated hydraulic driver and ram using a 3/4" draw stud.

3/4" x 7" Draw Stud Set
Part Number 61U00197



Set includes: draw stud, drive nut, counter nut, ball bearing, and spacer

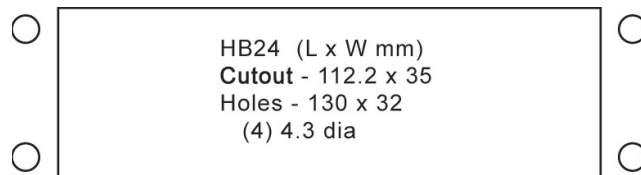
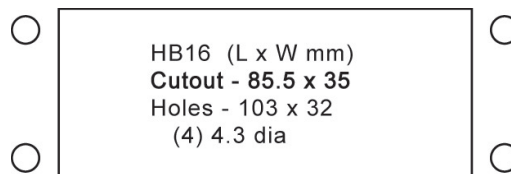
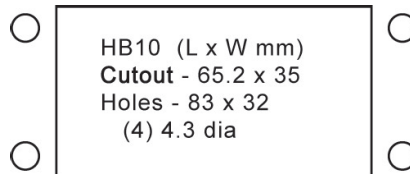
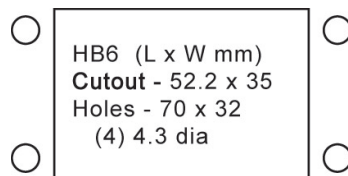
3/4" x 7" Draw Stud Only
Part Number 61U00198



Punch and Die Sets



Cutout Dimensions



Size	Part Number	Max. Panel Thickness
HB6	61U00199	Mild Steel 14GA (2.0mm) Aluminum 10GA (2.54mm)
HB10	61U00200	
HB16	61U00201	
HB24	61U00203	

For Manual Operation

Order the Draw Stud Set and required size Punch & Die Set

For Hydraulic Operation

Order the required size Punch & Die Set, and if needed, the 3/4" Draw Stud

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Manual (wrench) Operation

Step 1

Determine the location for the cutout on your panel and drill a 1-1/8" diameter pilot hole in the center of the desired opening.

Step 2

Assemble the punch unit as shown in figure 1, by threading the Counter Nut onto the short threaded end of the Draw Stud. Then pass the Draw Stud through the Punch and then the pilot hole in the panel. On the other side of the panel, slide the Die over the Draw Stud (black portion up against the panel). Then add the Spacer and Ball Bearing, and thread on the Drive Nut. Using the alignment marks to square the die with the panel, firmly hand tighten the Drive Nut until all components are tightly secured as shown in figure 2.

Step 3

Using an 11/64", size 18, or 4.3mm drill bit, drill out the four mounting screw holes. Using a 1-1/4" hex ratchet, or other suitable wrench, tighten the Drive Nut. This will draw the Punch through the panel and into the Die, completing the punching operation (figure 3).

Step 4

Remove and disassemble the punch unit. The black and silver parts of the Die can be slid apart slightly to allow the panel slug to be easily removed and discarded.

Figure 1

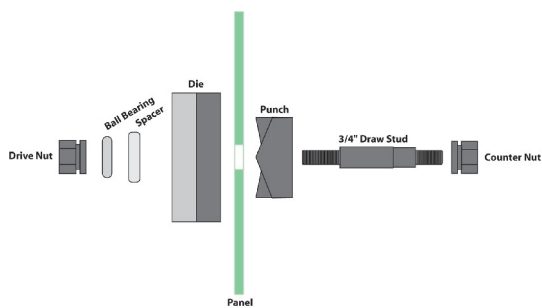


Figure 2

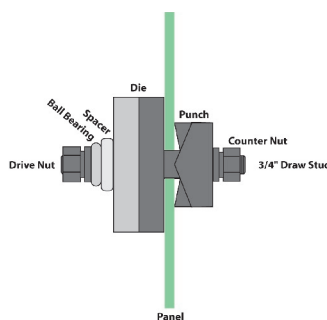
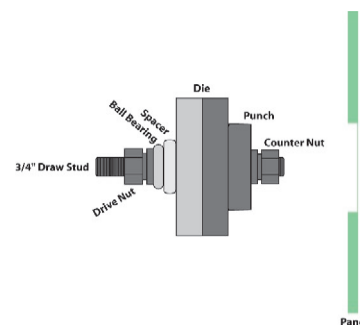


Figure 3



Hydraulic Operation

Step 1

Determine the location for the cutout on your panel and drill a 1-1/8" diameter pilot hole in the center of the desired opening.

Step 2

Assemble the punch unit as shown in figure 4, by threading the short threaded end of the Draw Stud into the Hydraulic Ram. Then pass the Draw Stud through the Die (black portion up against the panel) and then the pilot hole in the panel. On the other side of the panel, slide the Punch over the Draw Stud and screw on the Counter Nut. Using the alignment marks to square the die with the panel, firmly hand tighten the Counter Nut until all components are tightly secured as shown in figure 5.

Step 3

Using an 11/64", size 18, or 4.3mm drill bit, drill out the four mounting screw holes. Operate the hydraulic drive (not shown). This will pull the Draw Stud into the Hydraulic Ram, and the Punch through the panel and into the Die, completing the punching operation (figure 6).

Step 4

Remove and disassemble the punch unit. The black and silver parts of the Die can be slid apart slightly to allow the panel slug to be easily removed and discarded.

Figure 4

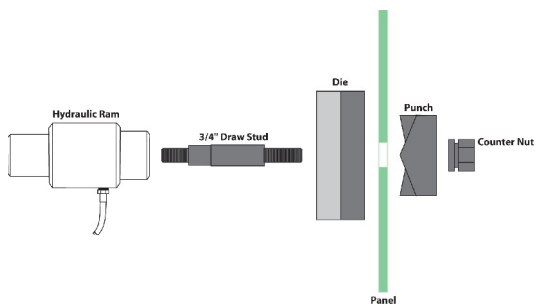


Figure 5

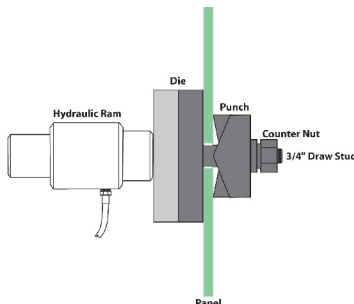


Figure 6

