



# Sheet Metal Hole Cutters & Drill Jig for 'D' Connectors

Instructions for cutting panel holes with combined mounting holes.

**Note:** The bolt thread, washer and cutting surface must always be well greased. Ballrace should be oiled occasionally.

## 1. MARKING AND DRILLING (Figure 1)

Mark centre of required cut-out and full length of longitudinal centre line. Drill 8mm dia centre pilot hole.

Pass tapered punch/bolt through pilot hole and place drill jig over bolt, line up drill jig to markings and secure with washer and nut. Drill two 3mm screw clearance holes. Remove drill jig.

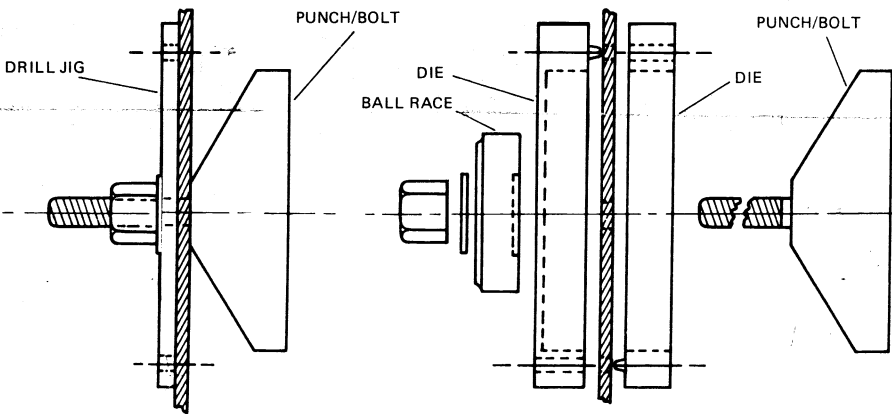


Fig. 1

Fig. 2

## 2. CUTTING (Figure 2)

Place each half of die on opposite sides of workpiece passing die pins through drill holes.

Pass tapered punch/bolt through die and through pilot hole. Secure with ball race, washer and nut. (Ensure ballrace recess is against die face as shown).

Tighten with spanner until punch is pulled through workpiece.

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