



Tie Bolt and Bearing Hole Puncher

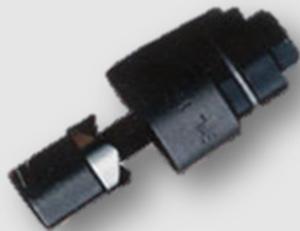
230-030 & 230-040

SML's wide range of hole punches can be operated by using their two sizes of Tie Bolt & Bearings. These devices are inexpensive and ideal for taking tow site for the odd cable entry hole or push-button.

The 230-030 & 230-040 use standard SML 3-point industrial Duty punches made from steel, hardened and ground. The Design of the 3 punch guarantees that the blank is easily removable from the die. The tie-bolt and bearing uses a high tensile bolt with a standard fine thread to maximize gearing. Friction between the bolt head and die is absorbed by means of an axial roller bearing. This spreads the load over a much greater area than conventional ball bearings.

Operation s by means of spanner or ratchet.

The 230-030 is used for punches between 12.7mm and 26mm. The 230-040 is used for punches above this size.



Easy Operation:

1. Drill an 11mm pilot hole. Pass the die over the bolt and pass the tie-bolt through the hole.
2. Screw the punch onto the tie-bolt.
3. Turn the tie-bolt with a spanner to pull the punch through the sheet of steel. The result is an exact size hole with no burr, no swarf and no vibration

**Maximum hole
Diameter
60mm**

**Maximum steel
thickness
2mm**



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