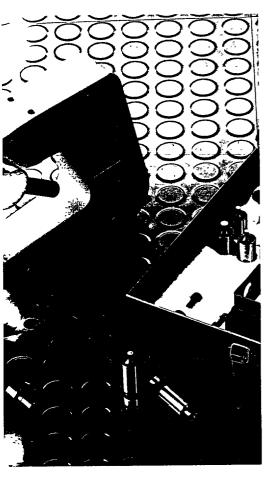
149-377



Drameter	Order Code
1/2"	905-0010
5/8*	905-0020
3/4"	905-0030
7/8*	905-0040
1"	905-0050
12 5mm	904-0010
14 5mm	904-0020
16 5mm	904-0030
20 0mm	904-0040
22 5mm	904-0050
25 0mm	904-0060
27 5mm	904-0070

Rectangular/Square Hole Punch and Die -Case Hardened Steel

A range of case hardened steel rectangular and square punches and dies The punches and dies have been designed to suit standard rocker switches IEC panel mounting connectors and other standard panel mounting products



The punches and dies incorporate the same design as our case hardened circular range Thereby the range can be utilised without the necessity of a stripper

Size (mm)	Order Code
137 x 11 1	906-0010
159 x 13	906-0020
168 x 168	906-0080
28 2 x 22 5	906-0030
284 x 114	906-0040
28 0 x 21 0 (radius corners)	906-0050
294 x 22 0	906-0060

Circular Hole Punch and Die - Tool Steel

A range of hardened and tempered tool steel punches and dies manufactured to ensure accurate and clean hole punching in a wide range of materials. Each punch and die has a centre location point for accurate alignment of the workpiece.



Larger punches (12 5 to 27 5mm) have a retractable spring loaded centre pin, which is removable for re-grinding

Diameter	Order Code
1/8"	913-0010
3/16"	913-0020
1/4"	913-0030
5/16"	913-0040
3/8"	913-0050
7/16"	913-0060
17/64"	913-0070
3 0mm	912-0010
3 5mm	912-0020
4 0mm	912-0030
4 5mm	912-0040
5 0mm	912-0050
5 5mm	912-0060
6 0mm	912-0070
7 0mm	912-0080
8 0mm	912-0090
9 0mm	912-0100
10 0mm	912-0120
11 0mm	912-0130
12 0mm	912-0140
12 5mm	914-0010
14 5mm	914-0020
16 5mm	914-0030
20 0mm	914-0040
22 5mm	914-0050
25 0mm	914-0060
27 5mm	914-0070

Boxed Set of Punches and Dies

Four complete sets of punches and dies housed in a mild steel case with pre-formed internal packaging



Sets also include die-holders, strippers, hexagon keys, and all fixing hardware.

Туре	Diameter	Order Code
13 Punches and Dies Set:	3 to 12mm	907-0010
6 Complete Sets of	7/107	007 0000
Punches and Dies	1/8" to 7/16"	907-0020
7 Complete Sets Punches and Dies	12 5 to 27 5mm	907-0030*
5 Complete Sets of	120 10 21 011111	00. 0000
Punches and Dies	1/2" to 1"	907-0040*
Boxes with Preformed		
Polystyrene 5 sets		907-0050
Inserts only 10 sets		907-0060

^{* 907-0030} and 907-0040 do not include strippers

Stripper

Six sizes of stripper are available to suit all sizes of Manupress tooling

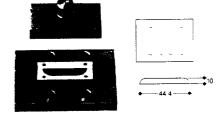


The strippers enable the workpiece to be separated from the punch which in turn allows for continuous punching without re-setting Each stripper is supplied with fixing hardware

Туре	Order Code
Max Dia 165mm Aperture Stripper Max Dia 3175mm Aperture Stripper Max Dia 225mm Aperture Stripper Max Dia 39mm Aperture Stripper	902-0010 902-0020 902-0030 902-0040
D Connector 37mm x 13 7mm Aperture Stripper 67 2mm x 16 5mm Aperture Stripper	902-0050 902-0060

Louvre Tool

A louvre forming tool which enables the press to form ventilation apertures. The tool produces a louvre 44 4mm x 10mm in width

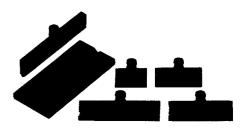


Maximum capacity aluminium up to 25mm and sheet steel up to 16mm.

Туре	Order Code	
Louvre Tool	901-0060	

Standard 'V' Bending Tool

This tool enables folds to be produced in sheet metal to any angle not less than 90° and is supplied with five blades of 50mm, 75mm, 100mm, 125mm and 150mm in length These blades are not hardened, so they can easily be cut to required lengths



Box sizes that can be made using the 'V' bending tool and lever press cover the range length 20mm, width 20mm, depth 10mm to length 155mm, width 155mm, depth 130mm Maximum bending Eapacity is; aluminium 25mm and mild steel 16mm.

Туре	Order Code
Standard 'V' Bending Tool	901-0050