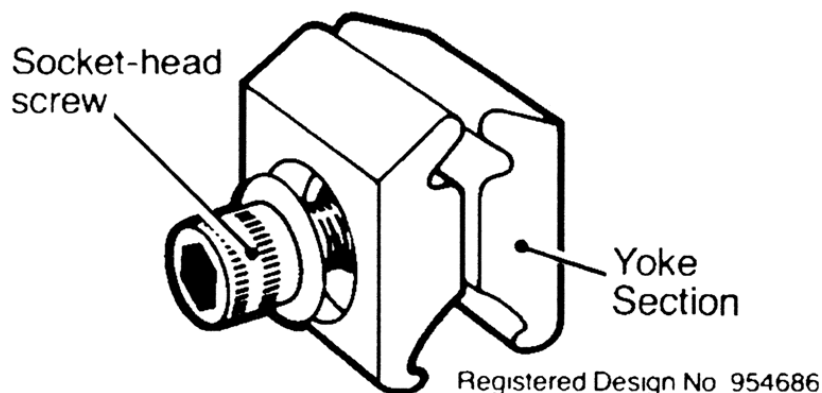


### P3 to P9 Connectors



### Principle Application

Service connections from solid sector aluminium main conductors.

### Range

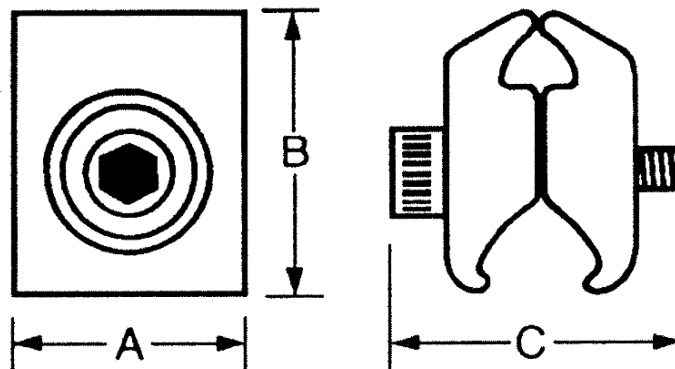
Service Core Size													
From 3-Core Mains							From 4-Core Mains						
Stranded Copper				Circ. Solid Aluminium			Stranded Copper				Circ. Solid Aluminium		
4	16	25	35	16	25	35	4	16	25	35	16	25	35
P3	P3	P3	-	P3	P3	P3	P3	P3	P3	-	P3	P3	P3
P3	P3	P3	P3	P3	P3	P3	P3	P3	P3	P3	P3	P3	P3
P4	P4	P4	P3	P4	P4	P4	P3	P3	P3	P3	P3	P3	P3
P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4
P6	P6	P6	P6	P6	P6	P6	P5	P5	P5	P4	P5	P5	P5
P7	P7	P7	P7	P7	P7	P7	P6	P6	P6	P6	P6	P6	P6
P8	P8	P8	P8	P8	P8	P8	P9	P9	P9	P9	P9	P9	P9

The Hepworth P range of connectors provides a well established method of connecting service cables in the above range to solid sector aluminium mains cables.

Each connector is supplied complete with brass gauze as standard, in a sealed pack. Details of fitting procedures are included with the technical data overleaf. NOTE: If required the P3 - P9 connectors can also be supplied with 13mm A/F hexagon head set screws, **Product code P3H - P9H**

### P3 to P9 Connectors

#### Physical Dimensions



Ref. Code	Dimensions (mm)			Product Weight Per 100 (nominal)	Packing Colour Code
	A	B	C		
P3	20	25	26	2.2 Kg	Yellow
P4	20	26	32	2.5 Kg	Green
P5	20	26	32	2.8 Kg	Blue
P6	20	28	32	3.1 Kg	Red
P7	20	27	32	3.3 Kg	Black/White
P8	20	30	35	3.5 Kg	Purple
P9	20	30	35	3.4 Kg	Black/Clear

#### Material

HE 30 TF Aluminium Alloy.

#### Fitting Instructions

Strip the insulation from the mains core at the required position using the length of the connector as a guide and thoroughly abrade the exposed conductor. Cut the service cable to length, remove the insulation and abrade the conductor. Loosely fit the connector, ensuring that the mains and service conductors are correctly aligned. Fully tighten the socket head screw using a 3/16" A/F hexagonal drive.

Stranded service conductors below 16 mm<sup>2</sup> should be doubled and redoubled and, if copper service conductors are to be jointed, they should be wrapped in brass gauze. This not only improves the electrical stability of the interface connection, but also helps to contain the strands to prevent splaying.