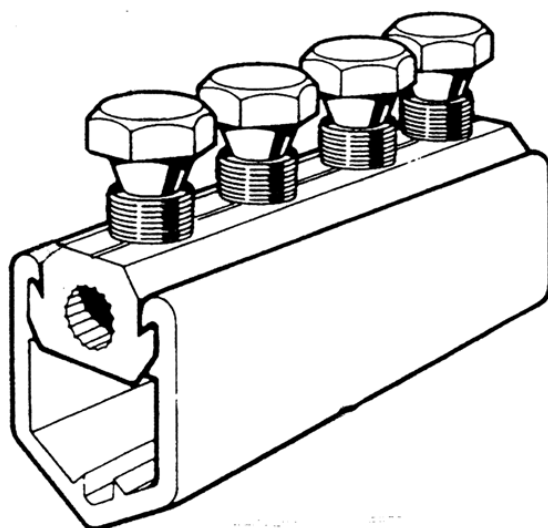


Insulation-piercing
straight-through mains
connectors

MECHANICAL CONNECTORS



PCM1 Connector



Principle Application

Solid sector aluminium cables

Range

| Connector Reference | Core c.s.a (mm ²) | | Approx Unit Wt. (grams) |
|------------------------|-------------------------------|------|-------------------------------|
| | min. | max. | |
| PCM1/1 | 50 | 95 | 140 |
| PCM1/2 | 95 | 185 | 240 |
| PCM1/3 | 120 | 300 | 345 |

The Hepworth range of mechanical insulation-piercing mains connectors has been designed specifically for the live jointing of three and four core solid aluminium mains cables, and offers the advantage of making straight-through 'on-load' connections.

The convenient and reliable method of connecting all designs of solid section aluminium cable offers an improved level of safety during live jointing.

Each connector is supplied in a sealed pack together with fitting instructions. Further details of fitting procedures are included with the technical data overleaf. Details of insulation techniques are available on request.



THORNE &
DERRICK
INTERNATIONAL

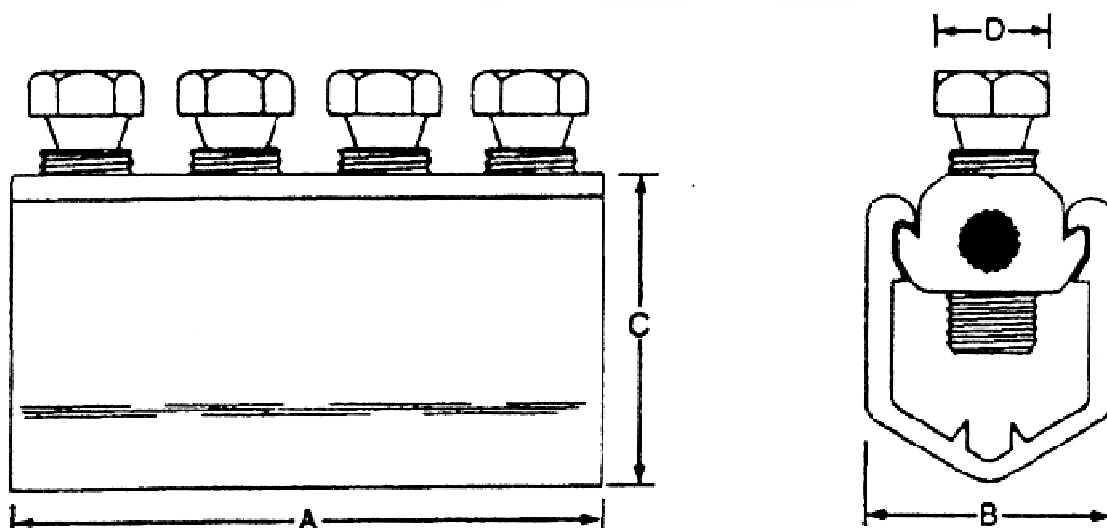
Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com

Insulation-piercing
straight-through mains
connectors

MECHANICAL CONNECTORS

PCM1 Connector

Physical Dimensions



| Ref. Code | Dimensions (mm) | | | |
|-----------|-----------------|------|------|------|
| | A | B | C | D |
| PCM1/1 | 90 | 26.2 | 37.7 | 13.0 |
| PCM1/2 | 100 | 33.2 | 43.6 | 17.0 |
| PCM1/3 | 120 | 40.2 | 48.1 | 17.0 |

Material

Aluminium Alloy.

Fitting Instructions

Align the cores to be connected and loosely assemble the connectors around the cores, making sure that it is centrally located. Once the assembly is correctly aligned, tighten the screws consecutively, one turn at a time, until the heads are sheared from all four screws.

These connectors have been designed to accept each conductor in either normal (apex-down) or cross-cored configurations.



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com