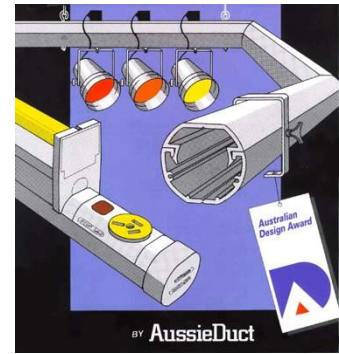


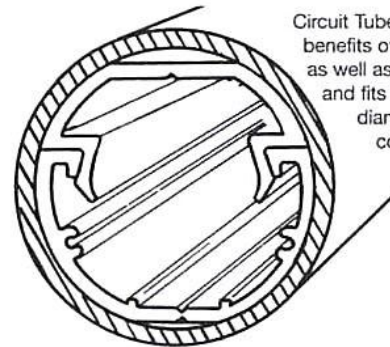
## The Power Support System

Circuit Tube combines the features of conduit and cable duct together in the same tube, to provide a time saving alternative to varied existing supply and support structures. Circuit Tube was developed with the installer and serviceman in mind. By using mostly snap-lock and slide fit parts Circuit Tube does away with time consuming drilling, cutting and major termination problems, thus providing a plug in power supply system compatible with conventional trussing supports and electrical fittings.



### Applications

- Lighting grids for schools, theatres, night clubs and concert venues.
- Prewired, custom design lighting structures
- Prewired portable bars
- Architectural and display lighting
- Light industrial and mixed circuit supplies
- Factory lighting and power grids
- Computer and low voltage plug in supply systems
- Self supporting plug in power ducting to machinery
- Support for fluorescent lighting fixtures
- Office power support



Circuit Tube provides the benefits of a square bar as well as a round tube and fits into all 50mm diameter pipes or conduit fittings.



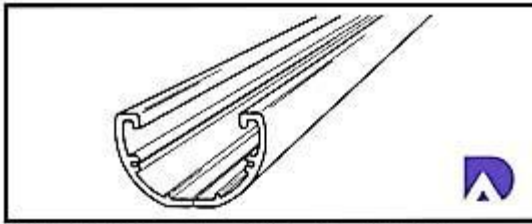
### Features

- CT is of lightweight construction, using rigid PVC connecting architectural aluminium.
- Compatible with straight edge skirting style outlets of the HPM and Clipsal ranges. These include power, lighting, TV, video, sound and computer outlets.
- Snap-lock fit mounting.
- Fits into all 50mm diameter pipes or conduit fittings, bends, 'T' sections and junction boxes.
- 'V' grooves for centre drilling are provided in top and bottom extrusions.
- A 18mm x 2mm channel runs through the base extrusion for 3/ or 10mm bolt heads for non-spin when tightening or unbolting.
- Aluminium parts are mill finished accessories are available in grey, black or white.
- Moulded slide-fit end caps.
- Removable snap-lock plate CTCP-1 features:
  - A range of interchangeable plug bases featuring the HPM 38 series up to 20 Amp and round pin earths are available for the CTCP-1
  - Optional switch MEC or large power indicating neon. Also snap-fit.
  - Contoured ext plate to suit existing extrusions CTRCC-P - CTRCC-AL
- Entertainment standard rigging diameter 48.4mm.
- Circuit Tube provides the benefits of a square bar as well as a round tube.

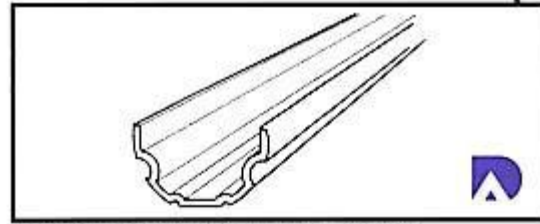


[Circuit Tube technical information.](#)

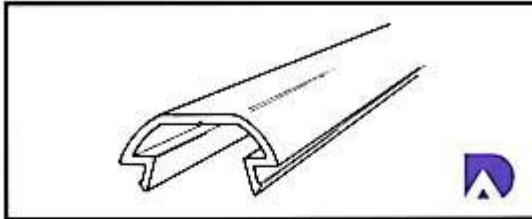
### Components of the Circuit Tube system - Technical Information



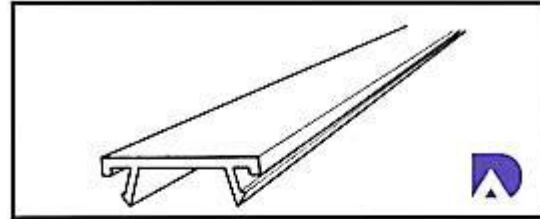
**CTCB-AL6.0:** Channel base T6 aluminium mill finish.  
6 metre length. 3.75kg per length



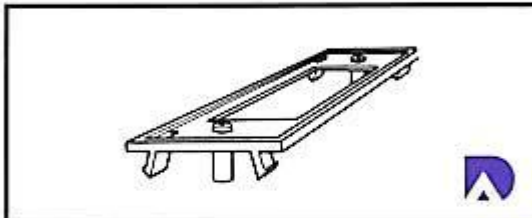
**CTSJ-AL2.0:** Coupler. T5 aluminium mill finish.



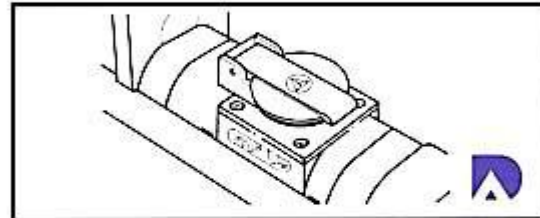
**CTRCC-P:** Rounded cover channel plastic.  
**CTRCC-AL:** Rounded cover channel T5 aluminium mill finish.  
3 metre length.



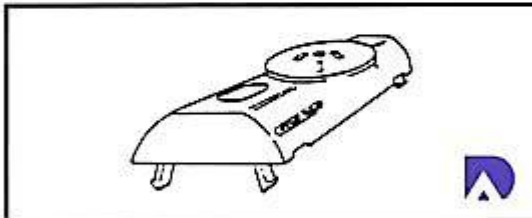
**CTFCC-P:** Flat cover channel plastic. 3 metre length.  
Self extinguishing PVC. Black, Grey, White.



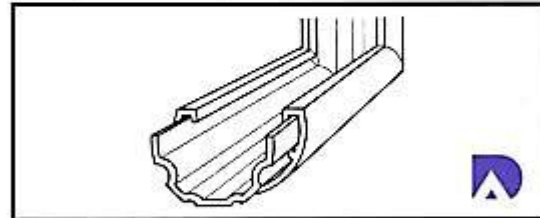
**CTOMB-1:** Outlet mounting base. PVC. Black, Grey, White.



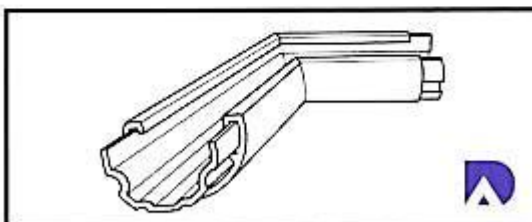
**CTCP-2:** Cover plate. PVC. Black, Grey, White.  
NB: Plug socket sold separately.



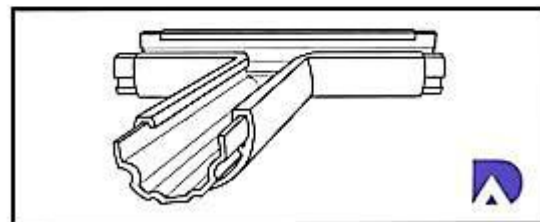
**CTCP-1:** Cover plate. PVC. Black, Grey, White.  
NB: HPM 38 series insert sold separately.



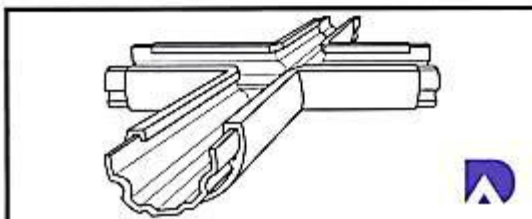
**CTAV-90AL:** Vertical 90 degree Two Way Angle.  
T6 aluminium mill finish.



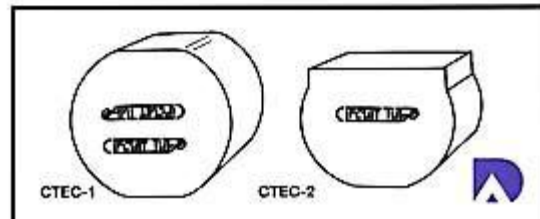
**CTAF-90AL:** Flat 90' Two Way Angle. T6 aluminium mill finish.



**CTTF-90AL:** Flat Three Way Tee. T6 aluminium mill finish.

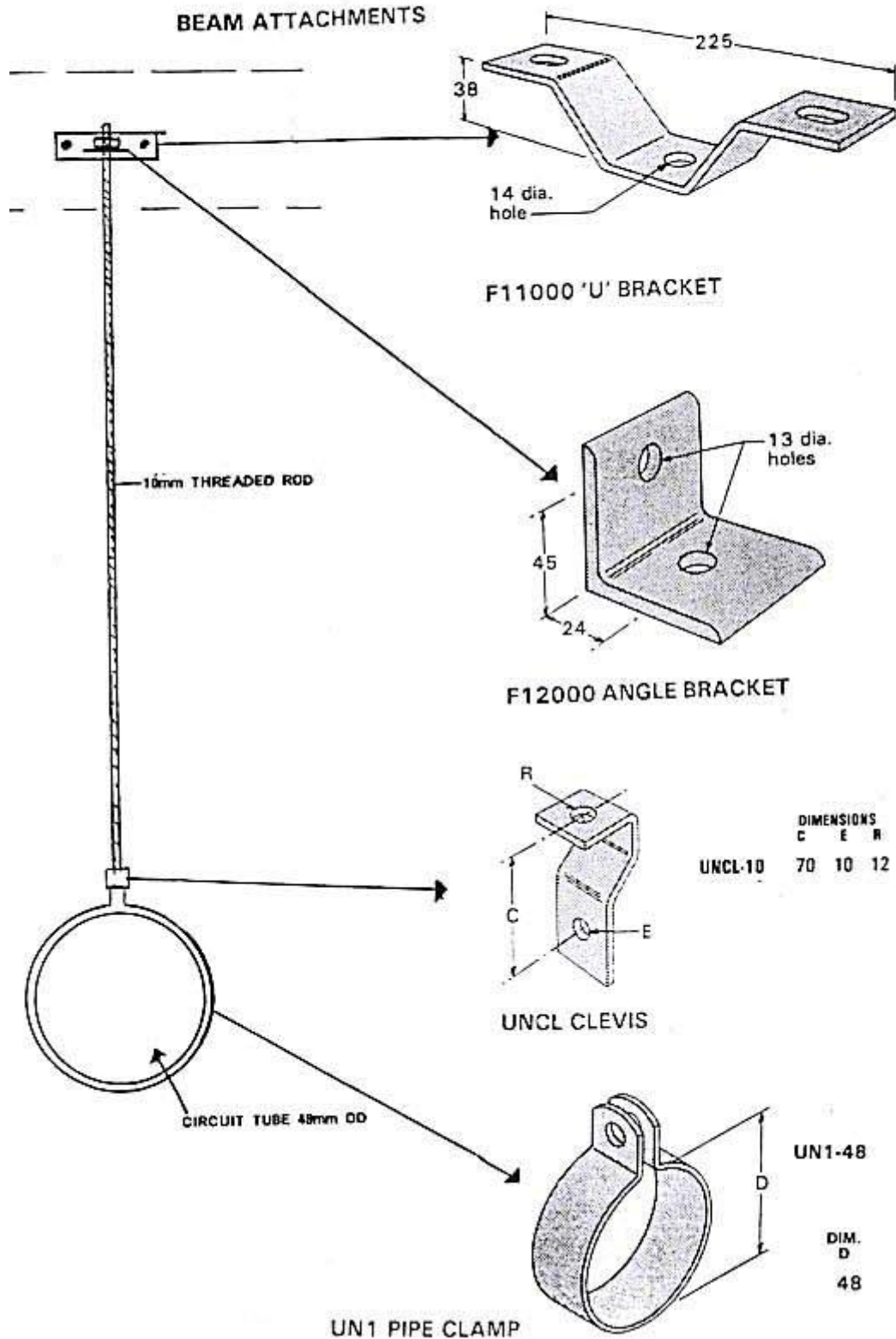


**CTCF-90AL:** Flat Four Way Cross. T6 aluminium mill finish.



**CTEC-1:** Rounded end cap. PVC. Black, Grey, White.  
**CTEC-2:** Flat end cap. PVC. Black, Grey, White.

**Circuit Tube Indicative Mounting Detail**  
**Codes shown are for Unistrut and are suggested only**  
**Detail shows beam mounting, for slab delete F12000 bracket**





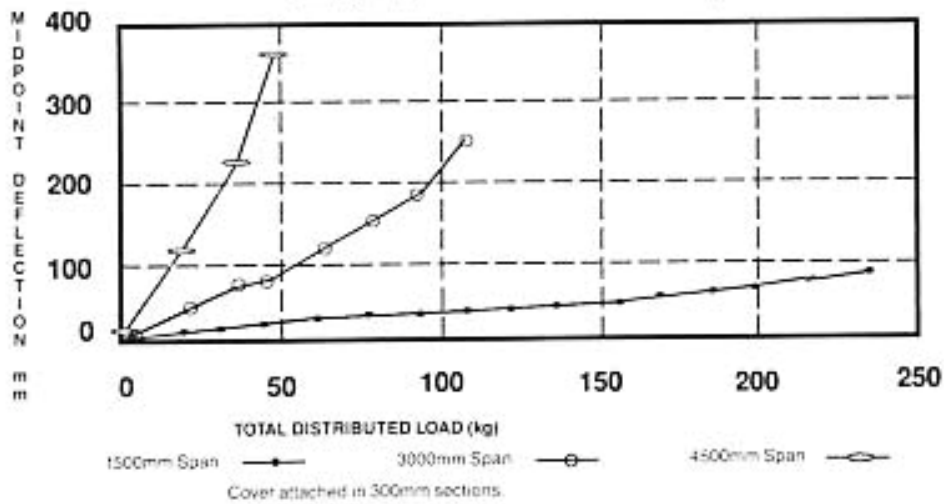
Circuit Tube suspended by Clevis



Circuit Tube with Suspension Brackets

### DISTRIBUTED LOAD TESTS

Simply supported ends with cover on top



### POINT LOAD TESTS

Simply supported ends with cover on top

