

Rod length	Rod diameter	Thread diameter	Material	Weight per rod	Part no.
500mm	15mm	16mm	Copper	0.73kg	RA215
1000mm	15mm	16mm	Copper	1.51kg	RA225
2000mm	15mm	16mm	Copper	3.00kg	RA240
500mm	15mm	16mm	Aluminium	0.29kg	RA015
1000mm	15mm	16mm	Aluminium	0.53kg	RA025
2000mm	15mm	16mm	Aluminium	1.06kg	RA040



Can be installed with or without multiple point.  
Supplied with locknut.

Multiple point

Rod diameter	Material	Weight per rod	Part no.
15mm	Copper	0.27kg	RA600

For use with taper pointed air rods.



Blunt air rods

Rod length	Rod diameter	Thread diameter	Material	Weight per rod	Part no.
500mm	15mm	16mm	Copper	0.73kg	RAD215
1000mm	15mm	16mm	Copper	1.51kg	RAD225
2000mm	15mm	16mm	Copper	3.00kg	RAD240
500mm	16mm	16mm	Aluminium	0.29kg	RAD015
1000mm	16mm	16mm	Aluminium	0.53kg	RAD025
2000mm	16mm	16mm	Aluminium	1.06kg	RAD040

Supplied with locknut.

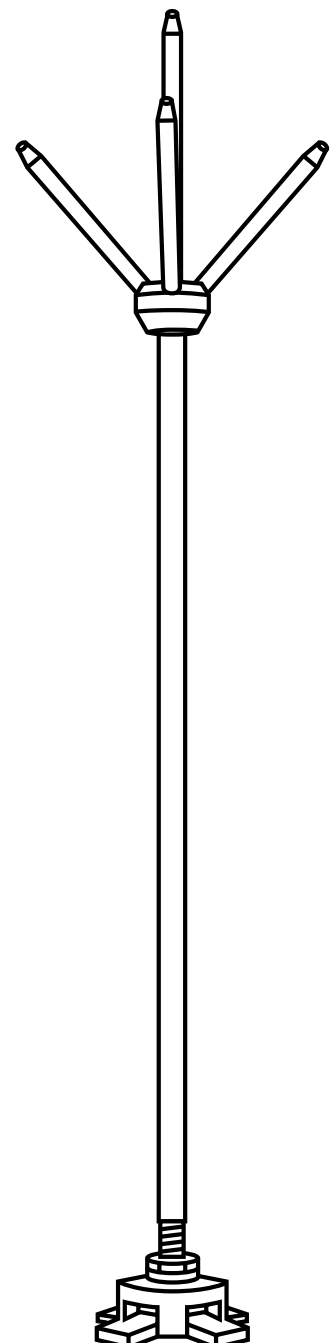
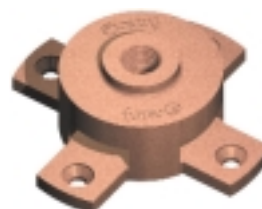
“Field trial tests in the United States, carried out over many years research have confirmed that blunt air rods are struck by lightning in preference to taper pointed air rods.”

Reference: “Lightning rod improvement studies” by C B Moore, W Rison, J Mathis, G Aulich. Journal of Applied Meteorology, May 2000.

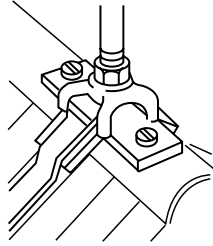
Air terminal base

Rod diameter	Thread diameter	Maximum conductor width	Material	Weight each	Part no.
15mm	16mm	25mm	Copper	0.47kg	SD105
15mm	16mm	25mm	Aluminium	0.15kg	SD003

Recommended fixing - counter sunk woodscrew 1 1/2” x no.10 and wall plug.



## Ridge saddle

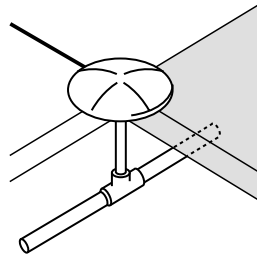


## Air terminals and fixings

Rod diameter	Thread diameter	Maximum conductor width	Material	Weight each	Part no.
15mm	16mm	31mm	Copper	1.07kg	<b>SD115</b>

Recommended fixing - counter sunk woodscrew 1 1/2" x no.10 and wall plug. For supporting lightning conductor air rods on ridges.

## Strike pad



Material	Weight each	Part no.
Copper	0.41kg	<b>PL010</b>
Aluminium	0.13kg	<b>PL005</b>

Description	Weight each	Part no.
Copper stem for use with PL010	0.07kg	<b>SM010</b>

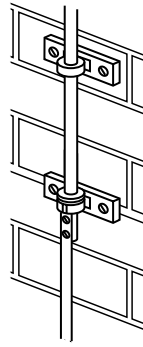
This product is supplied with a set screw to enable the lightning conductors to be attached to the strike pad.

## Air terminals and fixings

### Rod brackets

Air rod diameter	Rod material	Weight each	Part no.
15mm	Copper	0.90kg	<b>BR105</b>
15mm	Aluminium	0.28kg	<b>BR005</b>

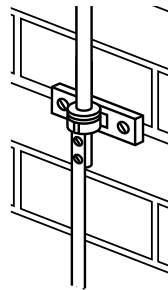
Recommended fixing - round head woodscrew 1 5/8" x no.16 and wall plug.



### Rod to tape coupling

Air rod diameter	Thread diameter	Rod material	Weight each	Part no.
15mm	16mm	Copper	0.23kg	<b>CG600</b>
15mm	16mm	Aluminium	0.08kg	<b>CG500</b>

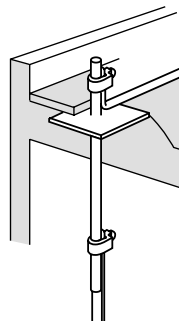
Used in conjunction with rod brackets above.



### Puddle flanges

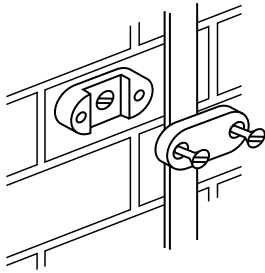
Conductor material	Weight each	Part no.
Copper	1.54kg	<b>PF105</b>
Aluminium	0.50kg	<b>PF005</b>

For taking lightning conductors through roofs etc.



## DC tape clip

## Conductor fixings



### For use with bare copper

Conductor size	Weight each	Part no.
20 x 3mm	0.06kg	CP205
25 x 3mm	0.07kg	CP210
25 x 4mm	0.07kg	CP216
25 x 6mm	0.08kg	CP220
31 x 3mm	0.09kg	CP230
31 x 6mm	0.10kg	CP235
38 x 3mm	0.12kg	CP240
38 x 5mm	0.12kg	CP245
38 x 6mm	0.14kg	CP250-FU
40 x 4mm	0.14kg	CP241
40 x 6mm	0.15kg	CP251
50 x 3mm	0.15kg	CP255
50 x 4mm	0.15kg	CP256
50 x 6mm	0.16kg	CP260

### For use with lead covered copper

Conductor size	Weight each	Part no.
25 x 3mm	0.02kg	CP305

### For use with bare aluminium

Conductor size	Weight each	Part no.
20 x 3mm	0.02kg	CP105
25 x 3mm	0.03kg	CP110
25 x 6mm	0.04kg	CP120
50 x 6mm	0.05kg	CP125

### For use with pvc covered aluminium

Conductor size	Weight each	Part no.
25 x 3mm	0.04kg	CP115
50 x 6mm	0.06kg	CP130

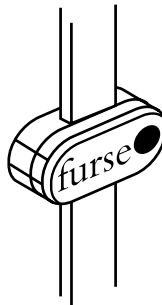
### For use with pvc covered copper

Conductor size	Weight each	Part no.
25 x 3mm	0.10kg	CP215
25 x 6mm	0.13kg	CP225
50 x 6mm	0.26kg	CP265

Recommended fixing - counter sunk woodscrew 1 1/2" x no.10 and wall plug.

Made from high quality copper and aluminium alloys.

## Non-metallic DC tape clip



### For use with bare tape

Conductor size	Colour	Weight each	Part no.
20 x 3mm	Brown	0.01kg	CP005
20 x 3mm	Grey	0.01kg	CP010
25 x 3mm	Brown	0.01kg	CP015
25 x 3mm	Grey	0.01kg	CP020
38 x 5mm	Brown	0.01kg	CP060*
50 x 6mm	Brown	0.02kg	CP065*

### For use with pvc covered tape

Conductor size	Colour	Weight each	Part no.
25 x 3mm	Brown	0.01kg	CP025
25 x 3mm	Black	0.01kg	CP030
25 x 3mm	Green	0.01kg	CP035
25 x 3mm	Grey	0.01kg	CP040
25 x 3mm	Stone	0.01kg	CP045
25 x 3mm	White	0.01kg	CP050

**Non-metallic DC clip** - High grade polypropylene, UV stabilised against degradation by sunlight and non-brittle to prevent cold weather damage. Available in six colours to match bare and pvc covered copper and aluminium tapes. This unique design provides easy installation whilst ensuring the tape is gripped firmly and resists high pull off loads.

Recommended fixing - counter sunk woodscrew 1 1/2" x no.10 and wall plug.

\* Not as illustrated.

## Conductor fixings

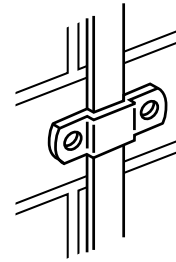
## Tape clip

For use with bare copper

Conductor size	Weight each	Part no.
20 x 3mm	0.02kg	CP510
25 x 3mm	0.02kg	CP515

For use with pvc covered tapes

Conductor size	Weight each	Part no.
25 x 3mm	0.02kg	CP517



For use with bare aluminium

Conductor size	Weight each	Part no.
20 x 3mm	0.01kg	CP405
25 x 3mm	0.05kg	CP410

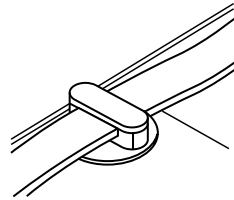
Recommended fixing - round head woodscrew 1 1/2" x no.10 and wall plug.

## Weldable DC tape clip

For use with pvc roofing only

For use with bare tape

Conductor size	Colour	Weight each	Part no.
25 x 3mm	Brown	0.03kg	CW015
25 x 3mm	Grey	0.03kg	CW020



For use with pvc covered tape

Conductor size	Colour	Weight each	Part no.
25 x 3mm	Brown	0.03kg	CW025
25 x 3mm	Grey	0.03kg	CW040
25 x 3mm	Black	0.03kg	CW030
25 x 3mm	Stone	0.03kg	CW045
25 x 3mm	White	0.03kg	CW050

## Universal welding solvent and cleaning solution

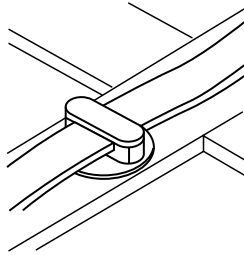
Description	Weight each	Part no.
Universal welding solvent 500ml spray applicator (sufficient for the application of approximately 200 clips) For use with Furse weldable clips only.	0.57kg	CW905

Description	Weight each	Part no.
Cleaning solution (Acetone) For cleaning lacquered SARNAFIL roofing membranes and other lacquered materials. 500ml spray applicator.	0.62kg	CW999



Please note: Solvent cannot be supplied outside the UK. For overseas projects, please contact Furse for advice.

## Adhesive DC tape clip



## Conductor fixings

For use on surfaces other than pvc roofing

For use with bare tape

Conductor size	Colour	Weight each	Part no.
25 x 3mm	Brown	0.03kg	<b>CA015</b>
25 x 3mm	Grey	0.03kg	<b>CA020</b>

For use with pvc covered tape

Conductor size	Colour	Weight each	Part no.
25 x 3mm	Brown	0.03kg	<b>CA025</b>
25 x 3mm	Black	0.03kg	<b>CA030</b>
25 x 3mm	Grey	0.03kg	<b>CA040</b>
25 x 3mm	Stone	0.03kg	<b>CA045</b>
25 x 3mm	White	0.03kg	<b>CA050</b>

## Surface primer



Accessories for adhesive clips

Description	Weight each	Part no.
Surface primer 250ml spray applicator (sufficient for the application of approximately 500 clips)	0.24kg	<b>CA900</b>

Note: Furse strongly recommend the use of the primer when installing the Furse adhesive clip.

## Expansion braid bonds and dressing tool



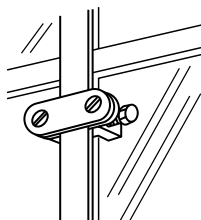
Special flexible expansion braid bonds

Type	Material	Length	Cross-sectional area	Weight each	Part no.
Single length	Aluminium	200mm	50mm <sup>2</sup>	0.07kg	<b>BN001</b>
Single length	Copper	200mm	50mm <sup>2</sup>	0.17kg	<b>BN101</b>
Cross-over	Aluminium	300mm	50mm <sup>2</sup>	0.23kg	<b>BN002</b>
Cross-over	Copper	300mm	50mm <sup>2</sup>	0.53kg	<b>BN102</b>

Dressing tool

Description	Weight each	Part no.
Aluminium tool for dressing conductor	0.31kg	<b>DT100</b>

## Glazing bar holdfast



Conductor material	Maximum glazing bar width	Weight each	Part no.
Copper	12mm	0.11kg	<b>HF705</b>
Aluminium	12mm	0.05kg	<b>HF710</b>

Block supplied complete with fixing screw. Enables DC clips etc, to be secured to steel frames, girders, window frames, etc.

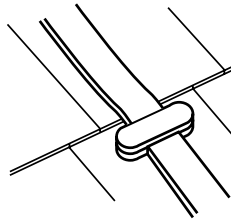
Conductor clip sold separately.

## Conductor fixings

### Slate holdfast

For use with bare tape

Conductor size	DC Clip colour	Weight each	Part no.
25 x 3mm	Brown	0.06kg	HF015
25 x 3mm	Grey	0.06kg	HF020



For use with pvc covered tape

Conductor size	DC Clip colour	Weight each	Part no.
25 x 3mm	Brown	0.06kg	HF025
25 x 3mm	Black	0.06kg	HF030
25 x 3mm	Grey	0.06kg	HF040
25 x 3mm	Stone	0.06kg	HF045

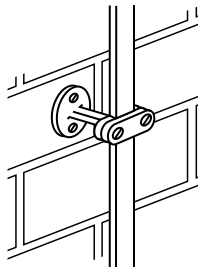
Tail length 500mm.

### Back plate holdfast stem

Conductor material	Weight each	Part no.
Copper	0.30kg	HF320
Aluminium	0.10kg	HF325-FU

Recommended fixing - round head woodscrew 1 1/2" x no.10 and wall plug.

For use with the appropriate DC clip etc. Supplied with M6 fixing screw.



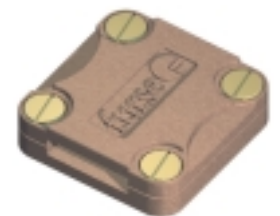
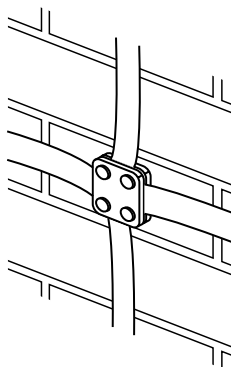
## Test and junction clamps

### Square tape clamp

Conductor size	Conductor material	Weight each	Part no.
25 x 3mm	Copper	0.23kg	CT105-FU
25 x 6mm	Copper	0.42kg	CT110
31 x 3mm	Copper	0.30kg	CT113
50 x 6mm	Copper	0.98kg	CT115
25 x 3mm	Aluminium	0.07kg	CT005

Recommended fixing - counter sunk woodscrew 1 1/2" x no.10 and wall plug.

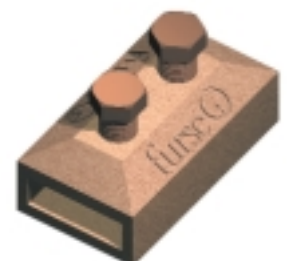
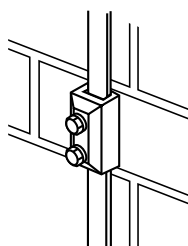
For forming straight through, cross or tee joints in tape.



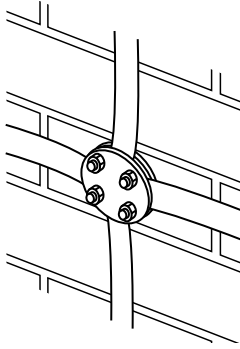
### Oblong test or junction clamp

Maximum conductor size	Conductor material	Weight each	Part no.
26 x 8mm	Copper	0.29kg	CN105
26 x 8mm	Aluminium	0.12kg	CN005

For straight through tape joints.



## Plate type test clamp

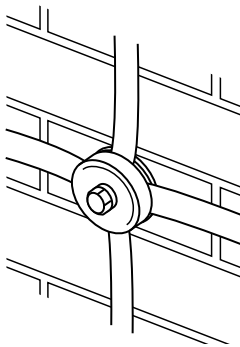


## Test and junction clamps

Maximum conductor size	Conductor material	Weight each	Part no.
26 x 12mm	Copper	0.62kg	CT405

Recommended fixing - counter sunk woodscrew 1 1/2" x no.10 and wall plug.

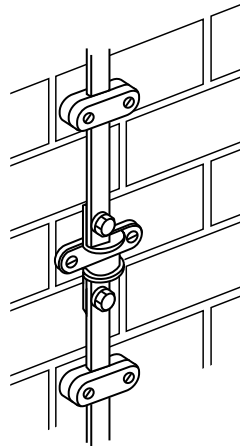
## Screwdown test clamp



Maximum conductor size	Conductor material	Weight each	Part no.
26 x 8mm	Copper	0.84kg	CT305

Recommended fixing - countersunk woodscrew 1 1/2" x no.10 and wall plug.

## Bimetallic connector



Conductor size	Weight each	Part no.
25 x 3mm aluminium tape to 25 x 3mm copper tape	0.19kg	CN910
8mm diameter aluminium conductor to 25 x 3mm copper tape	0.19kg	CN920

For joining aluminium to copper.

Particularly useful where an aluminium lightning protection system needs to be earthed using copper.

Recommended fixing - countersunk woodscrew 1 1/2" x no.10 and wall plug.

## Oxide inhibiting compound



Plastic bottle each	Part no.
0.23kg (8oz)	CM005

For all the items in this range we recommend the use of oxide inhibitor when aluminium fittings are installed.

Oxide inhibitor is a non-water soluble, natural-petroleum based polymer grease that seals electrical connections from oxygen and moisture.