

AIR TERMINALS & FIXINGS (COMPLY TO IEC 62561 STANDARD)

Copper Taper Air Rod



Copper taper air rods supplied in a wide range of lengths.

| Rod Length (mm) | Thread Diameter (mm) | Cat. No. |
|--------------------------------------|----------------------|----------|
| 300 | 16 | CT30C |
| 500 | 16 | CT50C |
| 1000 | 16 | CT10C |
| Other length available upon request. | | |

Alum Taper Air Rod



Aluminium taper air rods supplied in a wide range of lengths.

| Rod Length (mm) | Thread Diameter (mm) | Cat. No. |
|-------------------------------------|----------------------|----------|
| 300 | 16 | AR30A |
| 500 | 16 | AR50A |
| 1000 | 16 | AR10A |
| Other length available upon request | | |

Brass Flat Base



Manufactured in Brass for taper air rod.

| Thread Diameter (mm) | Maximum Conductor Width (mm) | Cat. No. |
|----------------------|------------------------------|----------|
| 16 | 25 | HV16B |

Alum Flat Base



Manufactured in Aluminium for taper air rod.

| Thread Diameter (mm) | Maximum Conductor Width (mm) | Cat. No. |
|----------------------|------------------------------|----------|
| 16 | 25 | AF16A |

EARTH INSPECTION CHAMBERS (COMPLY TO IEC 62561 STANDARD)

Inspection Pit c/w Hot-Dip Galvanized Cover



Used as a housing to protect the earth rod and connections during testing and inspection. Includes a cover with hinge attached to the housing.

| Dimension (mm) | | | Cat No. |
|----------------|------------|-------------|---------|
| Length (mm) | Width (mm) | Height (mm) | |
| 300 | 300 | 190 | HD143 |

Polymer Chamber



Manufactured from high impact polymer that provides excellent chemical resistance and UV protection against degradation. Its light weight gives ease during installation.

| Dimension (mm) | | | Cat No. |
|----------------|------------|-------------|---------|
| Length (mm) | Width (mm) | Height (mm) | |
| 260 | 260 | 210 | PI244 |

Concrete Inspection Chamber (SQ)



Used as a housing to protect the earth rod and connections during testing and inspection.

| Dimension (mm) | | | Cat No. |
|----------------|------------|-------------|---------|
| Length (mm) | Width (mm) | Height (mm) | |
| 345 | 345 | 210 | SAGEC1 |

Concrete Inspection Chamber (Round)



Used as a housing to protect the earth rod and connections during testing and inspection.

| Dimension (mm) | | Cat No. |
|----------------|-------------|---------|
| Dia (mm) | Height (mm) | |
| 360 | 250 | SAGEC5 |

Earth Electrode Seal Chamber



Used as an earth electrode seal to protect against the upward seepage of water via capillary action through the earth electrodes driven into the ground. Its unique and compact design includes the compression rings, seals and factory pre-installed earth electrode and coupling.

| Types | Description | Cat No. |
|----------------|--|---------|
| (A) 2-Rod Seal | Used in most normal application | DE782 |
| (B) 4-Rod Seal | Used in deep ground concrete slab layers | DE784 |

Other dimensions available upon request

Concrete Inspection Chamber c/w Cast Iron Epoxy Coated Cover (SQ)



Used as a housing to protect the earth rod and connections during testing and inspection.

| Dimension (mm) | | | Cat No. |
|----------------|------------|-------------|---------|
| Length (mm) | Width (mm) | Height (mm) | |
| 320 | 320 | 190 | CI030 |

CONDUCTORS (COMPLY TO IEC 62561 STANDARD)

PVC Covered Flat Tape



Manufactured in soft annealed tape with high conductivity standard.

| Materials | Conductor Width (mm) | Conductor Thickness (mm) | Cat. No. |
|-----------|----------------------|--------------------------|----------|
| Copper | 25 | 3 | TP253W |
| Aluminium | 25 | 3 | TAP253W |

Tinned Copper Flat Tape



Manufactured in soft annealed Copper with high conductivity standard. It provides protection from corrosive environment.

| Conductor Width (mm) | Conductor Thickness (mm) | Cat. No. |
|----------------------|--------------------------|----------|
| 25 | 3 | CT253c |
| 50 | 6 | WF506c |
| 63 | 10 | WF6310 |

Copper Flat Tape



Manufactured in soft annealed Copper with high conductivity standard.

| Conductor Width (mm) | Conductor Thickness (mm) | Cat. No. |
|----------------------|--------------------------|----------|
| 25 | 3 | CT253C |
| 50 | 6 | WF506C |
| 63 | 10 | WF6310 |

Alum Flat Tape



Manufactured in soft annealed Aluminium with high conductivity standard.

| Conductor Width (mm) | Conductor Thickness (mm) | Cat. No. |
|----------------------|--------------------------|----------|
| 25 | 3 | AT253A |

EARTH RODS & FITTINGS (COMPLY TO IEC 62561 STANDARD)

Copper Bonded Earth Rod 5/8"



Manufactured in Copper Bonded to give high tensile strength for effective grounding system. Used widely on normal application.

| Dimensions (mm) | Threaded Diameter (mm) | Shank Diameter (mm) | Cat. No. |
|-----------------|------------------------|---------------------|----------|
| 16x1800 | 16 | 14.2 | SNS580 |

Copper Bonded Earth Rod 3/4"



Manufactured in Copper Bonded to give high tensile strength for effective grounding system. Used widely on normal application.

| Dimensions (mm) | Threaded Diameter (mm) | Shank Diameter (mm) | Cat. No. |
|-----------------|------------------------|---------------------|----------|
| 20x1800 | 20 | 17.2 | SNS340 |

Copper Alloy 5/8" Coupling



Manufactured in Copper Alloy. It gives good contact and strength between rod-to-rod during driving process into the ground.

| Dimensions (mm) | Threaded Diameter (mm) | Cat. No. |
|-----------------|------------------------|----------|
| 20 | 16 | ZS82G |

Brass 5/8" Coupling



Manufactured in Brass. It gives good contact and strength between rod-to-rod during driving process into the ground.

| Dimensions (mm) | Threaded Diameter (mm) | Cat. No. |
|-----------------|------------------------|----------|
| 19.5 | 16 | ES82B |

Copper Alloy 3/4" Coupling



Manufactured in Copper Alloy. It gives good contact and strength between rod-to-rod during driving process into the ground.

| Dimensions (mm) | Threaded Diameter (mm) | Cat. No. |
|-----------------|------------------------|----------|
| 25 | 20 | NB82B |

CONDUCTOR FIXINGS & CLAMPS (COMPLY TO IEC 62561 STANDARD)

Copper Alloy Metallic DC Tape Saddle



Manufactured in Copper.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | NB25B |

Brass 1" Bar Saddle



Manufactured in Brass.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | ES25B |

Aluminium Metallic DC Tape Saddle



Manufactured in Aluminium.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | NB58A |

Alum Alloy Flat Tape Saddle



Manufactured in Aluminium.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | NT25A |

Copper Alloy Square Tape Clamp



Manufactured in Copper. Applicable for various "T" and cross joint connection in a continuous network of conductor.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | ST52G |

Brass Square Tape Clamp



Manufacture in Brass. Applicable for various "T" and cross joint connection in a continuous network of conductor.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25x3 | ES08B |

Alum Square Tape Clamp



Manufactured in Aluminium. Applicable for various "T" and cross joint connection in a continuous network of conductor.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | ST50A |

Aluminium Square Tape Clamp



Manufacture in Aluminium. Applicable for various "T" and cross joint connection in a continuous network of conductor.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | STC50A |

Non-Metallic DC Tape Saddle White



Manufactured in Polypropylene.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | NP253W |

Non-Metallic DC Tape Saddle Grey



Manufactured in Polypropylene.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | NM253 |

LIGHTNING & EARTHING COMPONENTS (COMPLY TO IEC 62561 STANDARD)

Copper B Bond



Manufactured in Copper. Applicable for bonding flat tape conductor onto metallic surface.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | BB32B |

Alum B Bond



Manufactured in Aluminium. Applicable for bonding flat tape conductor onto metallic surface.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | BB32A |

Flush Ground Point



Manufactured in Brass. It provides a point for earthing between the exposed conductor and the reinforcing bars; casted into the concrete structures to form a complete lightning and earthing system. Hole thread size is M10.

| Type | Dimension (mm) | Cat.No. |
|--------|----------------|---------|
| 4-Hole | 64 x 64 | GC64B |

Connector Bi-Metallic



Used for connecting Aluminium conductor to Copper conductor.

| Item Description | Cat. No. |
|-----------------------|----------|
| Connector Bi-metallic | BMC253 |

Copper Alloy Strike Pad



Manufactured in Copper fitted on top or side of buildings as a lightning strike point where it is impractical to lay conductors on its surface.

| Threaded Diameter (mm) | Cat.No. |
|------------------------|---------|
| 16 | SP100B |

Tinned Copper Earth Bar



Manufactured from high conductivity Tinned Copper

| Earth Bar Size | | Cat. No. |
|----------------|----------------|----------|
| Width (mm) | Thickness (mm) | |
| 25 | 6 | 25x6 |
| 50 | 6 | 50x6 |
| 75 | 10 | 75x10 |
| 100 | 10 | 100x10 |

Ground Enhancing Compound - MARCONITE



Consist of a granulated conductive medium which is chemically inert and used widely to achieve a lower earth electrode resistance. It provides a good corrosion resistance to the earth electrodes from the poor surrounding soil. Its provides a convenient and effective earthing solutions.

| Item | Bag Weight (kg) | Cat. No. |
|-----------|-----------------|----------|
| Marconite | 25 | EC052V |

Oblong Test Clamp



Manufactured in Brass. Applicable for straight joint connection in a continuous network of conduction.

| Conductor Size (mm) | Cat. No. |
|---------------------|----------|
| 25x3 | OG11CB |

EARTHING CLAMPS (COMPLY TO IEC 62561 STANDARD)

Earth Rod to Flat Tape Clamp



Manufactured in Brass. Used with a combination of earth rod and flat tape conductor.

| Threaded Earth Rod Diameter (mm) | Flat Tape Conductor Size (mm) | Cat No. |
|----------------------------------|-------------------------------|---------|
| 16-20 | 25 X 3 | NB268 |

Rod to Tape Clamp



Manufactured in Brass. Used with a combination of earth rod and flat tape conductor.

| Threaded Earth Rod Diameter (mm) | Flat Tape Conductor Size (mm) | Cat No. |
|----------------------------------|-------------------------------|---------|
| 16 | 25 X 3 | NB26B |

Ground Rod to Cable Clamp



Manufactured in Brass. Used as a connection for earth rod and round conductor.

| Threaded Earth Rod Diameter (mm) | Conductor Size (mm ²) | Cat No. |
|----------------------------------|-----------------------------------|---------|
| 16-20 | 50-95 | ER195 |

Copper Alloy Round Test Clamp



Manufactured in Copper. Applicable as a link joint between the lightning down conductor and earthing system.

| Conductor size (mm) | Cat. No. |
|---------------------|----------|
| 25 X 3 | RC70G |

(2in1) U-Clamp Connector



Manufactured in Brass. Used for round conductor diameter from 14mm to 25mm.

| Round Conductor Diameter (mm) | Flat Tape Conductor size (mm) | Cat No. |
|-------------------------------|-------------------------------|---------|
| 14-25 | 25 X 3 | UT80B2 |

(3in1) U-Bolt Clamp



Manufactured in Gunmetal. Used for round conductor diameter from 14mm to 25mm.

| Round Conductor Diameter (mm) | Conductor Diameter/Tape (Width x Thk) (mm) | Cat No. |
|-------------------------------|--|---------|
| 14-25 | (7-10) & 25 X 3 | UB60D |

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