Mould Handle Clamp (PHC)

Application:
When the termic reaction happened, the mould and connected subject are so hot. So Exothermic Welding Mould Handle Clamp is required to hold the graphite mould and conductors in place whilst the connection is being made.

Structure Outline:

Specification:
These Handle Clamps are used For Cable To Pipe Moulds and should handle on the pipe manually.

<table>
<thead>
<tr>
<th>Ord. Code</th>
<th>Description</th>
<th>Dimension (mm)</th>
<th>Box. Qty</th>
<th>Weight (Kg)</th>
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</thead>
<tbody>
<tr>
<td>PHC-50</td>
<td>Small Moulds</td>
<td>60x46x405</td>
<td>1</td>
<td>0.25</td>
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<td>PHC-60</td>
<td>Medium Moulds</td>
<td>70x46x405</td>
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<td>0.26</td>
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</table>

PHC mould clamps are fixed to the moulds by two bolts and nuts.
**Data Sheet**

**Manufacturing, Designing and Testing of: Earthing, Exothermic welding, Lightning & Cathodic Protection Systems**

### Key Information

<table>
<thead>
<tr>
<th>Product Full Name</th>
<th>Petunia Trade Name</th>
<th>Material Specification</th>
<th>Classification</th>
<th>Catalogue No.</th>
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<td>Earthing System</td>
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<td>Lightning Protection</td>
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<td>Cathodic Protection</td>
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### Type of Production

- Casting (Sand, Centrifugal, Die, Permanent Mould)
- Forging
- Extrusion
- Pressing
- Rolling
- Rod / Bar Processing strip

### Finishing Method

- Polish
- Painting
- Plating
- N.A.

### Installation & Accessories

- Cat. No. 1
- Cat. No. 2
- Cat. No. 3
- Cat. No. 4
- Cat. No. 5
- Cat. No. 10

### Corrosion Care on Installation

- Al (Aluminium)
- Cu (Copper)
- SS (Stainless Steel)
- Cu/Sn (Tin Plated Copper)
- St/HD (Hot Dip Galvanized Steel)
- Ct (Steel in Concrete)
- Br/Ni (Nickel Plated Brass)

### Corrosion Care on Installation

- Anti Rain & Moisture
- Anti Vibration
- Usual Atmosphere
- With Care
- Fragile
- UV Protection

### Packing & Shipment Requirements

- Outdoor Sheltered
- Outdoor Direct Exposure
- Outdoor Sunlight Only
- Indoor Room Condition
- Indoor Controlled
- Stored Sealed

### Storage Conditions

- Ok

### Electrical Properties

- Dielectric Constant
- Dielectric Strength
- Dissipation Factor
- Electrical Resistivity (Ω/cm)
- Volume Resistivity

### Minimum Shelf Life @30°C & 60% Humidity

<table>
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<tr>
<th>Years</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
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### Instruction for Use

- Each package shall contain instruction manual

### Service Environment

- Direct Burial in Natural Soil
- Direct Burial in Alkaline Soil
- Direct Burial in Acidic Soil
- Usual Atmosphere
- Humidity Atmosphere
- Pollution Atmosphere
- Immersed In Water

### Alternatives

| 1 | 2 | 3 | 4 | 5 |

### Mould Handle Clamp (PHC)

<table>
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<tr>
<th>Rev.</th>
<th>0</th>
<th>Issued For Approval</th>
<th>97/10/20</th>
<th>K.J.</th>
<th>M.R. Hedayati</th>
<th>M.R. Hedayati</th>
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<td>Description</td>
<td>Date</td>
<td>Prepared</td>
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