Parapet Bracket

Technical data sheet
<table>
<thead>
<tr>
<th>Page</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Contents</td>
</tr>
<tr>
<td>2-8</td>
<td>Components</td>
</tr>
<tr>
<td>9-10</td>
<td>Prop Bracket</td>
</tr>
<tr>
<td>11-12</td>
<td>System Variations</td>
</tr>
<tr>
<td>13-14</td>
<td>Parapet Bracket Reactions</td>
</tr>
</tbody>
</table>
Parapet bracket parts - ISOMETRIC view

Considerations/ Guidance:
All dimensions in this document are in (mm) unless stated otherwise.
Considerations/ Guidance:
All dimensions in this document are in (mm) unless stated otherwise.
**Considerations/ Guidance:**

All dimensions in this document are in (mm) unless stated otherwise.

---

### Components

**Tie Tube-cone**

- **PLAN VIEW**
- **SIDE VIEW**
- **ISOMETRIC VIEW**

**Tie Rod**

- **Description**
- **Code**
- **Material**
- **Finish**
- **Weight**

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Material</th>
<th>Finish</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tie Tube-cone</td>
<td>402770</td>
<td>Steel</td>
<td>Galvanized</td>
<td>3.524kg</td>
</tr>
<tr>
<td>Tie Rod</td>
<td>402810</td>
<td>Steel</td>
<td>Galvanized</td>
<td>4.135kg</td>
</tr>
</tbody>
</table>

**Safe working loads (SWL's)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tie Rod</td>
<td>?? kN/m</td>
</tr>
</tbody>
</table>

---
Components

Considerations/Guidance:
All dimensions in this document are in (mm) unless stated otherwise.

Technical Data Sheet

Pivot Bracket for Column Arm

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Material</th>
<th>Finish</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pivot Bracket</td>
<td>402610</td>
<td>Steel</td>
<td>Galvanized</td>
<td>2.607kg</td>
</tr>
<tr>
<td>Corner Brace</td>
<td>402930</td>
<td>Steel</td>
<td>Galvanized</td>
<td>1.986kg</td>
</tr>
</tbody>
</table>

Corner Brace for Column Arm

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Material</th>
<th>Finish</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pivot Bracket</td>
<td>402610</td>
<td>Steel</td>
<td>Galvanized</td>
<td>2.607kg</td>
</tr>
<tr>
<td>Corner Brace</td>
<td>402930</td>
<td>Steel</td>
<td>Galvanized</td>
<td>1.986kg</td>
</tr>
</tbody>
</table>
Column Arms

Properties (column arm SF100)

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Material</th>
<th>Finish</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column Arm SF100</td>
<td>??</td>
<td>Steel S355</td>
<td>Galvanized</td>
<td>??kg</td>
</tr>
<tr>
<td>Column Arm SF137</td>
<td>??</td>
<td>Steel S355</td>
<td>Galvanized</td>
<td>??kg</td>
</tr>
</tbody>
</table>

When two arms bolted together, bending moment reduced to 11.6kN/m
RSK Prop Bracket

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Material</th>
<th>Finish</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSK Prop Bracket</td>
<td>402560</td>
<td>Steel</td>
<td>Galvanized</td>
<td>2.975kg</td>
</tr>
<tr>
<td>Scaffold Tube</td>
<td>200570</td>
<td>Steel</td>
<td>Galvanized</td>
<td>1.540kg</td>
</tr>
</tbody>
</table>

Considerations/ Guidance:
All dimensions in this document are in (mm) unless stated otherwise.
## Spanner

**PLAN VIEW**

- 75 mm
- 94 mm

**SIDE VIEW**

- 27 mm
- 275 mm

**ISOMETRIC VIEW**

<table>
<thead>
<tr>
<th>Safe working loads (SWL's)</th>
<th>Corner brace for Column Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bolt Shear</td>
<td>?? kN</td>
</tr>
<tr>
<td>Max RSK load on prop bracket.</td>
<td>?? kN</td>
</tr>
</tbody>
</table>

### EPS Bracket (for scaffold tube)

- 57 mm
- 160 mm
- 139 mm

- 4 x M16x40 bolts required for fixing to Column Arm

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Material</th>
<th>Finish</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanner</td>
<td>403090</td>
<td>Steel</td>
<td>Galvanized</td>
<td>2.010kg</td>
</tr>
<tr>
<td>EPS Bracket</td>
<td>402710</td>
<td>Steel</td>
<td>Galvanized</td>
<td>2.135kg</td>
</tr>
</tbody>
</table>
**Technical Data Sheet**

**Components**

### EPS Bracket (for EPS Post)

**PLAN VIEW**

- **ϕ57**
- **ϕ18**
- **ϕ51**

**SIDE VIEW**

- 57 mm
- 160 mm
- 139 mm

**ISOMETRIC VIEW**

- 4 x M16x40 bolts required for fixing to Column Arm

### Concrete Tie Support Fixing

- 115 mm
- 25 mm
- 8 mm

### Description Table

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Material</th>
<th>Finish</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPS Bracket (for EPS Post)</td>
<td>-</td>
<td>Steel</td>
<td>Galvanized</td>
<td>-</td>
</tr>
<tr>
<td>Concrete Tie Support Fixing</td>
<td>-</td>
<td>Steel</td>
<td>Galvanized</td>
<td>-</td>
</tr>
</tbody>
</table>

**Considerations/Guidance:**

All dimensions in this document are in (mm) unless stated otherwise.

**Date:** May 2016

**Page:** 9
Example parapet bracket

Connection Bolts = M16x50 with washer and nyloc nut

Lifting Bolts = M30x90 Bolt

R-Clip and Tubes for Pivot and Prop Bracket
Assemble the Parapet Bracket main frame.
Bolt together the Column arms, then all other fittings can be added before the lift.

Bolt Locations and sizes

- M16x50
- M16x40
- M30x90
- M16x40
- M16x90 for RSK
- R-clip & Pin
- RSK 3
- SF137
- SF100
- M16x90 for RSK
- R-clip & Pin
Parapet bracket typical variations

The Parapet examples below display how the parapet bracket system can be adapted to fit various parapets.

Example 1 shows a parapet bracket being fitted against an angled concrete parapet, the column arm is in an angled position.

Example 2 shows a parapet bracket being fitted against a parapet I beam, the column arm is in a vertical position.
Parapet bracket adjustability

The Parapet example below demonstrates the brackets adjustability.
- RSK's differ when including length & load into the situation.

Main support bracket position moves horizontally to suit column arm.

RSK prop bracket moved with RSK position.

40 Degreees or rotational movement
Typical Parapet bracket setup for I-Beam

Typical Parapet bracket setup for concrete U Beam
Typical Parapet bracket setup for concrete Beam

All specific loadings and reactions will be detailed on the job specific drawing.
Ischebeck Titan Group
Founded in Germany over 120 years ago, Ischebeck is renowned internationally for its aluminium formwork and false work systems, trench support systems and ground engineering products.

Ischebeck Titan Ltd
The company operates from headquarters centrally located in the heart of the UK.

Product Availability
Substantial stocks of equipment are available ex-stock from the company’s strategically located 4-acre distribution site, with most items available nationwide on a 48-hour delivery. Products are available for both hire and outright purchase.

Technical Support
We will participate in concept stage development. Providing input on applications, production rates, budget design and costings. Active for on site support, particularly for new users. We can provide guidance on industry special European and national standards.

HEAD OFFICE
John Dean House
Wellington Road
Burton upon Trent
Staffordshire DE14 2TG
Tel: 01283 515677
Fax: 01283 516126
E-mail: sales@ischebeck-titan.co.uk

NORTHERN REGIONAL OFFICE
& DESIGN OFFICE
Hollinwood Business Centre
Albert Mills Albert Street
Hollinwood Oldham OL8 3QP
Tel: 0161 6824732
Fax: 0161 684 3603
E-mail: technical@ischebeck-titan.co.uk

Since our policy is one of continuous improvement we reserve the right to change without prior notice the specifications and methods of construction mentioned in this document. No responsibility whatsoever can be accepted for any errors or omissions in, or misinterpretation of, the contents. Products must be used in conformity with safe practices and applicable codes and regulations. Photos and details shown are for general guidance only and may vary according to circumstances. For specific information refer to Ischebeck Titan Limited. Copyright reserved.