Climbing Formwork KLK 230

Product list

This product list includes all parts necessary for most applications. For parts required for special applications, please refer to the MEVA price list. Dimensions are in centimetres (cm) unless another measure is shown.

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Ref. No.  Description / Application m² kg
### Climbing bracket KLK 230

Solid steel construction, coated, with folding guard-railing post. Is used to build climbing scaffolds. Working width: 2.30 m.

*Ref. No.* | Description / Application | m² | kg
---|---|---|---
29-411-00 | Climbing bracket KLK 230 | | 176.5

![Climbing bracket KLK 230](image)

### Wall strut

Coated. With spindle. Is attached to the climbing bracket or bracket extension and used to transfer the load to the wall. Delivery includes 4 bolts M12x35.

*Ref. No.* | Description / Application | m² | kg
---|---|---|---
29-411-30 | Wall strut | | 17.3

![Wall strut](image)
Suspension shoe KLK
Galvanized. With safety pin and uplift protection for the climbing bracket. Is used to suspend the climbing bracket and connected to the wall with suspension screw M24.

Bracket extension
Coated. Is used together with a wall strut to transfer high loads and build a secondary platform (with 94 cm working width), which allows the necessary finishing work to be safely done.
Climbing Formwork KLK 230

Slide carriage
Coated. Is used to move the formwork back and forth by 70 cm. The range of 70 cm provides sufficient working space to install blockouts, rebars, etc. A square spanner is used to slide the carriage. When supplemented with a formwork clamping fixture KLK, the slide carriage allows building a transport unit consisting of formwork and climbing scaffold.

Ref. No. Description / Application m² kg
29-411-50 Slide carriage .......................................................... 132.0

Square spanner
Galvanized. Is used to operate the slide carriage. At least 2 spanners should be available on a construction site that uses a slide carriage on climbing formwork.

Ref. No. Description / Application m² kg
29-411-45 Square spanner (for carriage) ........................................ 2.7

Formwork adapter
Coated. Is used to connect AluStar, StarTec, AluFix, EcoAs or MevaLite panels to the formwork clamping fixture KLK or to the formwork support KLK.

Ref. No. Description / Application m² kg
29-411-65 Formwork adaptor AS/ST ............................................. 5.0
29-411-92 Formwork adaptor EA/ML ............................................. 3.8
Climbing Formwork KLK 230

Formwork clamping fixture KLK
Coated. Height-adjustable, provided with a tilting hinge. Is used to attach wall formwork and allows building a transport unit with formwork and climbing scaffold. Usable with or without slide carriage. In the latter case, a bearing for formwork clamping fixture KLK, a holding device for push-pull props and a brace SRL 120 are also required.

Bearing for formwork clamping fixture KLK
Coated. Connects the formwork clamping fixture KLK to the climbing bracket KLK. Is required when the formwork clamping fixture KLK is used without slide carriage.
Climbing Formwork KLK 230

**Holding device for push-pull props**
Galvanized. Is used to attach push-pull props to brace the formwork when using either the formwork support KLK or the formwork clamping fixture KLK without the slide carriage.

**Formwork support KLK**
Galvanized. Is used to place the (separate) formwork onto the bracket, is required when neither a slide carriage nor a formwork clamping fixture KLK are used. The formwork is attached to the formwork support with M assembly or Uni-assembly locks.

**Brace SRL 120**
Galvanized. Is used to press the formwork against the previous pour and required when the formwork clamping fixture KLK is used.
### Tension belt
Not shown. For safety against wind load. 50 mm wide, reinforced loop 200 mm, cranked snap hook with safety flap, DIN EN 12195. Adm. load: 25 kN (straight), 50 kN (strapped). Is attached to the climbing bracket KLK or bracket extension and the with safety eye to the concrete wall. This can be done at the cone from the previous pour.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-930-10</td>
<td>Tension belt with hook and loop</td>
<td></td>
<td>3.8</td>
</tr>
<tr>
<td>29-930-15</td>
<td>Tension belt with hook on both ends</td>
<td></td>
<td>3.9</td>
</tr>
</tbody>
</table>

### Safety eye
Is used to attach the 20 kN tensioning chain for wind bracing. Is attached to the cone from the previous pour with a screw M24x50 (SW 36). A washer M24 is required.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-412-40</td>
<td>Safety eye</td>
<td></td>
<td>1.3</td>
</tr>
</tbody>
</table>

### Beam clamp 295
Galvanized. Is used to clamp longitudinal girders such H20 girders to the climbing bracket KLK when assembling the KLK climbing scaffold.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-412-60</td>
<td>Beam clamp 295</td>
<td></td>
<td>1.2</td>
</tr>
</tbody>
</table>
### Climbing Formwork KLK 230

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-108-60</td>
<td>Side protection net 200/1000</td>
<td>6.5</td>
<td></td>
</tr>
</tbody>
</table>

**Side protection net 200/1000**
Not shown. Size 2.00 m x 10.00 m, mesh width 100 mm, red colour. Integrated quick-release belt fasteners allow for a quick assembly of the protection net. Complies with German DIN 4420 standard and is approved by building authorities.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-108-65</td>
<td>Quick-release belt fastener</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Quick-release belt fastener**
Not shown. Allows for a quick assembly of side protection nets. Length 55 cm, belt width 25 mm, red colour. Approved by building authorities.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-411-75</td>
<td>Extension for guard-railing KLK 230</td>
<td>10.9</td>
<td></td>
</tr>
</tbody>
</table>

**Extension for guard-railing KLK 230**
Coated. Inclination 20°. Extends the guard-railing of the KLK 230 climbing scaffold by approx. 1.00 m.
Support for guard-railing post KLK
Galvanized. With screws. Is attached to the platform timber (width 10 cm) and used as additional guard-railing post between climbing scaffolds KLK 230 and/or as a side railing according to standard DIN 4420. The guard-railing post KLK is also required.

Support for guard-railing post SDT
Galvanized. With screws. Is attached to the web of the H20 girders and used for the construction of a (side) railing. Guard-railing post 100 or 140 is also required.

Guard-railing post KLK 230
Galvanized. Can be attached to the support for guard-railing post KLK 230 and be used as a replacement part for the climbing scaffold KLK 230.
### Guard-railing post
Galvanized. Is plugged into the scaffolding bracket.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-106-75</td>
<td>Guard-railing post 100, galv.</td>
<td>3.7</td>
<td></td>
</tr>
<tr>
<td>29-106-85</td>
<td>Guard-railing post 140, galv.</td>
<td>4.7</td>
<td></td>
</tr>
</tbody>
</table>

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### Railing clamp
Coated. Is used as side railing at free slab edges and can be clamped to all kinds of beams.

Railing clamp 100: height 100 cm, clamping length 45 cm.
Railing clamp 140: height 140 cm, clamping length 50 cm.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-107-20</td>
<td>Railing clamp 100</td>
<td>6.0</td>
<td></td>
</tr>
<tr>
<td>29-107-25</td>
<td>Railing clamp 140</td>
<td>9.4</td>
<td></td>
</tr>
</tbody>
</table>

---

The number in parentheses refer to guard-railing post 140.

The number in parentheses refer to railing clamp 140.
Climbing Formwork KLK 230

Clamp for guard-railing post
Galvanized. The sliding part with spindle is suited for all common MEVA guard-railing posts (round and square). Adjustment range 0 to 45 cm. Application: stop ends at slab edges and parapets.

Ref. No. | Description / Application | m² | kg
--- | --- | --- | ---
29-107-35 | Clamp for guard-railing post | | 9.8

Scaffolding bracket
Galvanized, yellow, pluggable. Is used as a working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 cm (125 cm). A MEVA guard-railing post is required in addition. Bracket spacing depends on the type of planking (according to DIN 4420).

Ref. No. | Description / Application | m² | kg
--- | --- | --- | ---
29-106-00 | Scaffolding bracket 90 (yellow), galv | | 10.0
29-106-50 | Scaffolding bracket 125 (yellow), galv | | 11.5

The numbers in parentheses refer to scaffolding bracket 125.
### Climbing Formwork KLK 230

#### Climbing cone 15/M24
Provides a suspension point for the climbing scaffold. Serves as a positioning and climbing cone. Load capacity depends on ties and concrete quality. Suited for anchor plates 15/120 and 15/170.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-412-70</td>
<td>Climbing cone 15/M24</td>
<td>1.0</td>
<td></td>
</tr>
</tbody>
</table>

#### Climbing cone 20/M24
Yellow chromated. Provides a suspension point for the climbing scaffold. Serves as a positioning and climbing cone. Load capacity depends on ties and concrete quality. Suited for anchor plate 20/170.

<table>
<thead>
<tr>
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<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-412-75</td>
<td>Climbing cone 20/M24</td>
<td>1.3</td>
<td></td>
</tr>
</tbody>
</table>

#### Conical sleeve
Suites for climbing cone 15/M24. Is slipped over the climbing cone before pouring and this way eases removing the climbing cone from the set concrete.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-412-95</td>
<td>Conical sleeve</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Positioning disc M24
Galvanized. Is used to attach the climbing cone to the facing (4 drill holes with Ø 5 mm). The anchor plate must be secured additionally, e.g. by wiring it to the rebar.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-412-85</td>
<td>Positioning disc M24</td>
<td>0.3</td>
<td></td>
</tr>
</tbody>
</table>
Climbing Formwork KLK 230

**Suspension screw M24**
Black, SW 36, with yellow chromated thrust ring. Is used to screw the suspension shoe to the climbing cone.

Ref. No. | Description / Application | m² | kg
---|---|---|---
29-412-80 | Suspension screw M24 | | 0.8

**Hexagonal screw M24x80, 10.9**
Black, SW 36. Is used to attach climbing cones to the facing. Is used instead of positioning disc M24 if facing can be drilled. A washer M24 is also required.

Ref. No. | Description / Application | m² | kg
---|---|---|---
63-119-53 | Hexagonal screw M24x80, 10.9 black DIN 931 | | 1.7

**Washer M24, DIN 7349-25**
Galvanized. Is required when attaching climbing cones with hexagonal screws M24x80 or safety eyes with hexagonal screws M24x50. Washer is 10 mm thick.

Ref. No. | Description / Application | m² | kg
---|---|---|---
62-030-50 | Washer M24, galv., DIN 7349-25 | | 0.8
29-412-78 | Washer D40xD26x4, galv., DIN 1440-26 | | 0.9

**Anchor plate**
Uncoated. Is used to anchor climbing cones in the concrete. The admissible load capacity depends on the installation depth of the anchor plate and concrete strength at the time of loading (see approval No. 21.6-1751 by the DIBt [German Institute for Construction Technology]).

Ref. No. | Description / Application | m² | kg
---|---|---|---
29-412-30 | Anchor plate 15/120 | | 0.8
29-412-35 | Anchor plate 15/170 | | 0.9
29-412-37 | Anchor plate 20/170 | | 1.9
Transport spreader KLK
Coated. Is used to move complete climbing scaffold units (width 2.35–6.00 m). Max. load capacity is 5 tons. Also required: 4 lifting chains which can be cut to length.

Combination spanner
Is used to remove the climbing cones (internal hexagon, SW 36) and positioning discs (internal hexagon, SW 12) as well as to operate suspension screws M24 (SW 36).

Concrete cone 56 x 40
Closes the holes in the concrete when climbing cones have been removed. Is used with concrete glue (A + B) which is sufficient for approx. 150 concrete cones.

Scaffold tube
Galvanized. Is used to reinforce large-size units of support frames or climbing scaffolds for crane ganging.
**Swivel-tube coupler 48**
Galvanized. Is used to mount scaffold tubes Ø 48.3 mm in order to fasten protective nets.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-412-48</td>
<td>Swivel tube coupler 48</td>
<td></td>
<td>1.6</td>
</tr>
</tbody>
</table>

**Rigid coupler 48/48**
Galvanized. Connects 2 scaffold tubes with Ø 48.3 mm at an angle of 90° (SW 22).

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-412-50</td>
<td>Rigid coupler 48/48</td>
<td></td>
<td>1.1</td>
</tr>
</tbody>
</table>

**Swivel-joint coupler 48/48**
Galvanized. Connects two scaffold tubes with Ø 48.3 mm at any angle.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-412-52</td>
<td>Swivel-joint coupler 48/48</td>
<td></td>
<td>1.2</td>
</tr>
</tbody>
</table>

**Bolt-on coupler 48/M14**
Galvanized. Connects scaffold tubes with Ø 48.3 mm to the support frame, scaffolding bracket, etc.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>40-080-70</td>
<td>Bolt-on coupler 48/M14</td>
<td></td>
<td>0.6</td>
</tr>
</tbody>
</table>
Climbing Formwork KLK 230

Ladder
Galvanized. Provides access to the secondary platforms. Is attached to the access hatch KLK. Attachment to the climbing bracket is achieved with ladder fixtures. Can be extended with extension ladders. Safety cages are required for operational safety.

<table>
<thead>
<tr>
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<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-414-50</td>
<td>Ladder 348</td>
<td></td>
<td>23.2</td>
</tr>
<tr>
<td>29-414-55</td>
<td>Ladder 318</td>
<td></td>
<td>21.1</td>
</tr>
<tr>
<td>29-416-50</td>
<td>Ladder 243</td>
<td></td>
<td>17.2</td>
</tr>
</tbody>
</table>

Extension ladder
Galvanized. For height extension. Is attached to the ladder by using the ladder link KLK. The extension ladder must be secured with ladder fixture KLK. Additional extension in increments of 30 cm by hooking an extension ladder into the appropriate step.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-414-60</td>
<td>Extension ladder 210</td>
<td></td>
<td>15.9</td>
</tr>
<tr>
<td>29-416-60</td>
<td>Extension ladder 90</td>
<td></td>
<td>7.4</td>
</tr>
<tr>
<td>29-416-62</td>
<td>Extension ladder 60</td>
<td></td>
<td>4.4</td>
</tr>
</tbody>
</table>
### Ladder connector
Galvanized. Connects 2 ladders at the joint without the need to hook one ladder into a step of the other.

![Ladder connector diagram]

<table>
<thead>
<tr>
<th>Ref. No.</th>
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<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-414-70</td>
<td>Ladder connector</td>
<td></td>
<td>1.0</td>
</tr>
</tbody>
</table>

### Safety cage
Galvanized. Internal Ø 70 cm. Protects workers when ascending and descending. The safety cages are attached to the ladders or extension ladders with the integrated hammerhead screws.

![Safety cage diagrams]

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-414-85</td>
<td>Safety cage 210</td>
<td></td>
<td>27.9</td>
</tr>
<tr>
<td>29-414-90</td>
<td>Safety cage 85</td>
<td></td>
<td>12.0</td>
</tr>
<tr>
<td>29-416-90</td>
<td>Safety cage 40</td>
<td></td>
<td>8.2</td>
</tr>
</tbody>
</table>
### Climbing Formwork KLK 230

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-416-65</td>
<td>Ladder fixture KLK</td>
<td>7.4</td>
<td></td>
</tr>
</tbody>
</table>

#### Ladder fixture KLK
Galvanized. Is attached to the scaffold tube units of the climbing scaffold with the integrated coupler. The ladder is secured to the ladder fixture with a long pin.

![Ladder fixture KLK](image)

#### Ladder link set KLK
Galvanized. Connects 2 ladders in the transition from straight ladder to tilted ladder.

![Ladder link set KLK](image)

#### Ladder base KLK
Galvanized. Is used to attach the ladder at its bottom with 2 bolts M12x80 to the planking (45 mm). Has a 24 cm long hole to allow for height adjustment.

![Ladder base KLK](image)
Access hatch KLK

Ref. No. Description / Application m² kg
29-416-05 ..... Access hatch KLK ........................................... 22.3

KLK 230 UK
Side protection with scaffold tubes.

Ref. No. Description / Application m² kg
29-411-01 ..... Climbing bracket KLK 230 (UK) ......................... 174.5
29-411-79 ..... Guard-railing post KLK 230 UK .......................... 7.7
29-411-18 ..... Bracket extension 220 UK ................................. 59.5

Guard-railing post UK
Galvanized. With manifold to be plugged into the scaffolding bracket and with 48 mm Ø tube to attach tube couplers.

Ref. No. Description / Application m² kg
29-106-80 ..... Guard-railing post 48/120 (UK), galv ............... 5.5
29-920-80 ..... Guard-railing post 48/134 .................................. 5.5
### Shaft platform

- **Folding suspension**
  Coated. Is hooked into the suspension shoe. Two folding suspensions are required per steel girder of a shaft platform.

- **Bolt 30/130**
  Galvanized. With cotter pin 6. Is used to fasten the crane eye to the shaft platform girder with a bolt 30/130.

- **Crane eye**
  Galvanized. Is bolted to the shaft platform girder with a bolt 30/130. The bolt must be ordered separately.

#### Ref. No. Description / Application  m²  kg

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-410-80</td>
<td>Folding suspension</td>
<td>11.8</td>
<td></td>
</tr>
<tr>
<td>29-410-85</td>
<td>Bolt 30/130 (with cotter pin)</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>29-410-90</td>
<td>Crane eye</td>
<td>1.6</td>
<td></td>
</tr>
</tbody>
</table>

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**Cotter pin Ø 0.6**
Ref. No. 82-084-14

**Washer ISO 8738-32**

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**Components**
- 29-410-85 Bolt 30/130
- 82-084-15 Cotter pin Ø 6 mm
- Washer ISO 8738-32

---

**Dimensions**

---

KLK-66
### Shaft platform girder

Galvanized. Telescopic. 6 shaft platform girders with different lengths are available for shaft openings from 1.41 m to 5.78 m. The max. admissible working load is 200 kN/m² for symmetrical platforms.

<table>
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<tr>
<th>Ref. No.</th>
<th>Description / Application</th>
<th>m²</th>
<th>kg</th>
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<tr>
<td>29-150-70</td>
<td>Shaft platform girder 4840 - 5830</td>
<td>318.7</td>
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<td>Shaft platform girder 3850 - 4840</td>
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<td>29-150-40</td>
<td>Shaft platform girder 2390 - 2860</td>
<td>148.5</td>
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<td>29-150-30</td>
<td>Shaft platform girder 1930 - 2400</td>
<td>136.0</td>
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</tr>
<tr>
<td>29-150-20</td>
<td>Shaft platform girder 1460 - 1930</td>
<td>121.0</td>
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The figures outside parentheses refer to shaft platform girder 1460 - 1930. The figures in () parentheses refer to shaft platform 1930 - 2400 and those in [ ] parentheses to shaft platform girder 2390 - 2860.

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The figures outside parentheses refer to shaft platform girder 1460 - 1930. The figures in () parentheses refer to shaft platform 1930 - 2400 and those in [ ] parentheses to shaft platform girder 2390 - 2860.
Beam clamp H20
Galvanized. Is used to attach H20 girders to the shaft platform girders.

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<tr>
<td>29-411-62</td>
<td>Beam clamp H20</td>
<td>0.9</td>
<td></td>
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Bearing pocket
Coated. Is used to form a pocket for the shaft platform girder. A minimum concrete strength of 15 N/ mm² is required when installing the shaft platform girder. The integrated hexagonal nut has thread size M12.

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<tr>
<td>29-151-80</td>
<td>Bearing pocket</td>
<td>6.5</td>
<td></td>
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Shaft folding bearing plate
Coated. Supports wooden or steel shaft girders. Admissible load capacity is 25 kN.

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<td>29-410-20</td>
<td>Shaft folding bearing plate</td>
<td>12.6</td>
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</table>
Threaded rod LH
Steel. Galvanized and yellow chromated for distinction from threaded rods with right-handed thread (RH). Ø 16 mm. With a 10 cm long left-handed LH thread M16. Together with turnbuckle nuts M16 and attached to L steel angles, the threaded rods LH and RH are used to diagonally brace the platform units. Attachment with hexagonal screws M12x40 and hexagonal nuts M12.

Ref. No.         Description / Application       m²  kg
29-009-10 .... Threaded rod 60-LH (yellow / blue head) ................. 1.0
29-009-15 .... Threaded rod 70-LH (yellow / red head) ..................... 1.3
29-009-20 .... Threaded rod 80-LH (yellow) .................................. 1.5

Die Zahlen in der Klammer betreffen die Gewindestangen 60 und 70 LH.

Threaded rod RH
Steel. Galvanized, silver colour. Ø 16 mm. With a 10 cm long right-handed LH thread M16. Together with turnbuckle nuts M16 and attached to L steel angles, the threaded rods LH and RH are used to diagonally brace the platform units. Attachment with hexagonal screws M12x40 and hexagonal nuts M12.

Ref. No.         Description / Application       m²  kg
29-009-40 .... Threaded rod 130-RH (silver / red head) ..................... 2.3
29-009-50 .... Threaded rod 180-RH (silver / yellow head) ............... 3.1
29-009-60 .... Threaded rod 230-RH (silver / green head) ................ 3.9
29-009-70 .... Threaded rod 280-RH (silver) ................................. 4.7

The numbers in parentheses refer to threaded rods RH 180, 230 and 280.
Tension rod extension
Galvanized flat steel construction. Allows the tension rods to be extended by 20 to 30 cm in increments of 5 cm. Several extensions can be used for the same tension rod. The ledger contains the connecting parts.

Ref. No. | Description / Application | m² | kg
--- | --- | --- | ---
29-009-90 | Tension rod extension MGC | | 1.1

Turnbuckle nut M16
Steel, galvanized. Is screwed onto the M16 thread. Connects the threaded rods LH and RH, also tensions the tension rod built with the threaded rods. Adjustment range: 10 cm.

Ref. No. | Description / Application | m² | kg
--- | --- | --- | ---
29-009-95 | Turnbuckle nut M16 MGC | | 0.4