The Formwork Experts.

Framax transport bolt
Art. n° 588621000 | 2005 models onward

Original Operating Instructions
Please retain for future reference
Basic drawings of product

Intended use

The Framax transport bolt is a lifting accessory and is used for the transport of a Framax or Frameco panel stack or single panel (intended use).

Maintenance & inspection

- Repairs may only be carried out by the manufacturer!
- Doka accepts no liability for products that have been altered!

Before every use

- Check for any signs of damage or visible deformation.

Lifting accessories that do not meet the following criteria must be withdrawn from use immediately:

- Control-dimension of transport bolt must be OK.
- No deformation.
- The tag showing the load rating must be attached and clearly legible.

At regular intervals

- Inspection of lifting accessories must be performed at regular intervals by an expert in conformity with national statutory provisions.
- Unless otherwise stipulated, such inspection must be carried out at least once a year.

Storage

- Store lifting accessories in a dry and well ventilated place, protected from the weather and from all corrosive substances.

| a ... ø20 mm | b ... ø16 mm |
| c ... 60 mm | d ... 110 mm |

A Transport bolt
B Member A16
C Tag showing load capacity

NOTICE

- Other use or use not in conformity with that stated above is non-intended use and requires the prior written approval of the Doka company!
- It is forbidden to lift other manufacturers’ formwork with it.
- Use permitted only in combination with a 4-part chain with load compensation!
- 4 Framax transport bolts are always needed!

Max. load:
800 kg / Framax transport bolt

Framax transport bolts manufactured until 2015, with a given load capacity of 500 kg, are also capable of a carrying capacity of 800 kg.
As used with the 4-part chain

Required carrying capacity (using 4 chains):

<table>
<thead>
<tr>
<th>Spread-angle β</th>
<th>Capacity (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>45°</td>
<td>2100</td>
</tr>
</tbody>
</table>

e.g. Doka 4-part chain 3.20m  
Art.n°: 588620000

How to use

1) Push all 4 Framax transport bolts, as far as they will go, into the outside cross boreholes in the Framax panels.
2) Raise the 4-part chain by crane.  
The Transport bolt locks automatically under load.

Practical examples

Hoisting bundled stacks of panels

Number of panels per stack:

<table>
<thead>
<tr>
<th>Framax panel</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.35x2.70m</td>
<td>8</td>
</tr>
<tr>
<td>1.35x3.30m</td>
<td>8</td>
</tr>
<tr>
<td>2.40x2.70m</td>
<td>5</td>
</tr>
<tr>
<td>2.70x2.70m</td>
<td>5</td>
</tr>
<tr>
<td>2.40x3.30m</td>
<td>4</td>
</tr>
<tr>
<td>2.70x3.30m</td>
<td>4</td>
</tr>
</tbody>
</table>

NOTICE

• Only hoist one stack at a time, consisting of identically sized panels.

WARNING

➢ It is strictly forbidden to lift stacks of panels without inserting Framax stacking cones (2 cones per layer) first!

➢ It is strictly forbidden to attach the chain to panels that are higher up the stack!  
The stacking tape might snap, putting anybody below in great danger.

➢ Fix the Framax transport bolts in the bottom panel.
Lifting framed formwork panels off the stack

➤ Cut the stacking tape.

➤ Lift the panels off the stack one by one.
➤ Remove the inserted Framax stacking cones and retain them for further use.

**WARNING**
➤ The stacking tapes may spring away suddenly under the high tension!

Lifting inside corners off the stack

➤ Cut the stacking tape.

➤ Push 2 Framax transport bolts, as far as they will go, into the boreholes on the end faces of the Framax inside corners.
➤ Lift the inside corners off the stack one by one.

**WARNING**
➤ The stacking tapes may spring away suddenly under the high tension!

**NOTICE**
It is only allowed to lift one inside corner at a time with the Framax transport bolt!

A  Transport bolt
B  Doka 4-part chain 3.20m
D  Strapping tape
E  Framax stacking cone

**WARNING**
Using Framax transport bolts to lift the framed elements upright or turn them over is prohibited!
➤ Use Framax lifting hooks!
**Declaration of conformity**

<table>
<thead>
<tr>
<th>EC Declaration of Conformity pursuant to EC Directive 2006/42/EC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>The manufacturer declares that by reason of its conception and design, the following product <strong>Framax transport bolt, art. n° 588621000</strong> conforms – in the version marketed by ourselves – to the pertinent fundamental health and safety stipulations of the relevant EC Directives.</td>
</tr>
<tr>
<td>The following harmonised standards were applied:</td>
</tr>
<tr>
<td>▪ EN ISO 12100:2010</td>
</tr>
<tr>
<td><strong>Person authorised to compile technical documentation (pursuant to European Directive on Machinery Annex II):</strong></td>
</tr>
<tr>
<td>Dipl.-Ing. Ludwig Pekarek</td>
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<tr>
<td><strong>Doka GmbH</strong></td>
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<td>Josef Umdasch Platz 1</td>
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<tr>
<td>A-3300 Amstetten</td>
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<tr>
<td>Amstetten, 05/03/2018</td>
</tr>
<tr>
<td>Dipl.-Ing. Ludwig Pekarek</td>
</tr>
<tr>
<td>Executive Manager</td>
</tr>
<tr>
<td>Dipl.-Ing. Peter Reisinger</td>
</tr>
<tr>
<td>Authorised Officer, Head of Engineering</td>
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</tbody>
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