



Operating Instruction:

Spacer

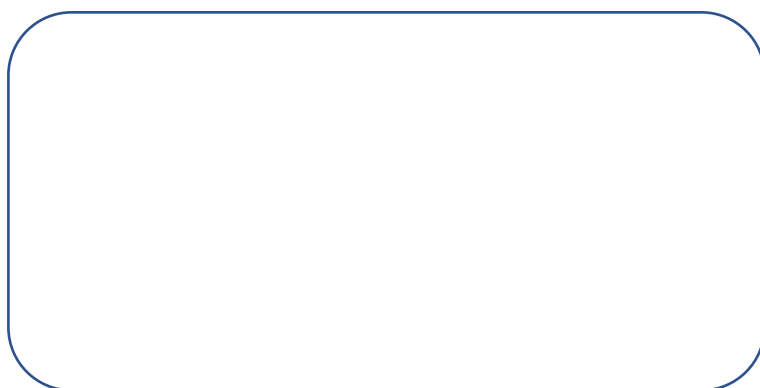


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Foreword

Dear Customer,

We are delighted that you have decided to purchase an additional item for your Power Clamp D40-90-III.



Please read the information compiled for you in this operating manual carefully. You will find all the important information on operation, maintenance and servicing so that you can fully enjoy the technical advantages of your product for a long time to come.

In addition to the operating instructions and the accident prevention regulations applicable in the user's country and at the place of use, the recognised rules for safety and professional work must also be observed. National legal regulations take precedence over the information provided in these operating instructions.

This document is the property of the manufacturer. Communication to third parties and reproduction of this operating manual is only permitted with the written consent of the manufacturer.

If you encounter any problems with the item, please contact us directly!

Kind regards

Sales

Stephan Lageder



+39 349 0686399 info@sollevatec.it

Safety instructions

Obligation and liability

All persons working with this product must be familiar with and observe the safety instructions in the Power Clamp operating manual and the following operating instructions. The manufacturer is not liable for damage resulting from failure to comply with the operating instructions.

The product is manufactured in accordance with recognised safety regulations. Nevertheless, failure to observe the instructions for use and safety instructions during operation may result in hazards.

Basic safety instructions

This operating manual contains the most important information for using the product safely. Danger arises if the product is not used in accordance with its intended purpose or if it is not checked and maintained in accordance with the regulations.

To use the accessory, the operator must be familiar with or have been instructed in the operating instructions and regulations for the Power Clamp.

- The item may only be used by authorised and trained persons who have familiarised themselves in advance with all legal provisions, safety regulations and working regulations
- Lifting or lowering loads must never take place above or in the immediate vicinity of persons
- Before lifting a component, always ensure that there are no tools or other loose parts on the component
- The load must always be transported slowly and carefully. Jerky movements are not permitted.
- The load capacities of the Power Clamp in combination with the additional item can be found in the following load capacity table. The angles of the load directions in the respective applications must be observed.
- It is **strictly forbidden** for the customer/third parties to make any changes to the accessory or its function, or to the technical documentation
- Keep all parts of this documentation in good order and within reach of the accessory. It must always be available for reference by all operators and maintenance and repair personnel.
- In the event of malfunctions, the accessory must be taken out of service immediately.
- The accessory must not encounter corrosive media
- Always protect the accessory from moisture to prevent corrosion
- Always store the additional item in the corresponding case set to protect it from damage and dirt.

Safety in the workplace

Operators and maintenance and repair personnel must be familiar with and comply with the following safety regulations at the workplace when handling the accessory.

- Safety factors in accordance with EN13155:2009 must be considered for the specified maximum load capacities.
- Personal requirements: The additional item may only be installed, operated and maintained by authorised, trained and instructed specialist personnel or experts. The responsibilities of the personnel for operation and maintenance are clearly defined.

The statutory occupational safety regulations are known and are implemented.

- Personal protective equipment: safety shoes, protective gloves, protective helmets, and work clothing that complies with regulations and is suitable for the purpose. Long hair must be tied back appropriately. Jewellery (necklaces, rings, large watches) must not be worn.
- Carry out a visual inspection in accordance with the instructions in the operating manual before each use of the accessory. If you notice any abnormalities, do not use the accessory and take the appropriate steps (inform maintenance/servicing personnel, consult with sales).
- The workplace must be clearly visible to the operator and sufficiently safe before the accessory is used.
- The load-bearing equipment must not be used outside the temperature range of -20° to +80°. In extreme conditions, the manufacturer should be consulted.
- When drilling on site, ensure that the drilling rig is sufficiently stable. Do not drill on unstable or slippery ground!

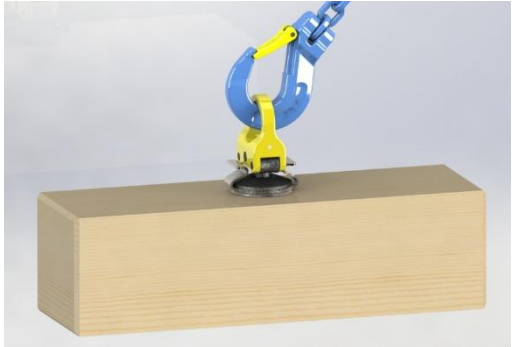
Application

Intended use

The additional attachment is intended exclusively for lifting glued panel elements, hereinafter referred to as components, made of spruce, fir, pine and larch. Only one component may be lifted per stroke. This intended use is specified below.

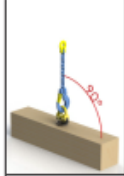
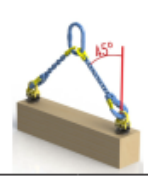
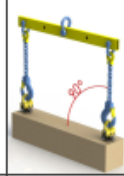
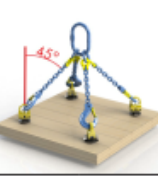
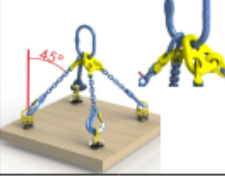
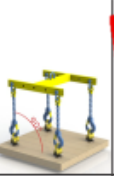
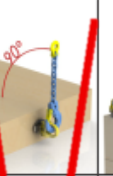
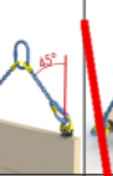
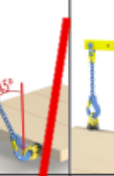
- Drill a hole with a diameter of **40 mm** and a minimum **depth of 73 mm**. We recommend using the drill bit supplied to ensure that the hole is drilled accurately.
- If the drill hole is to be drilled with a finger cutter (joinery machine), the hole diameter must be checked again carefully..
- The minimum thickness of the wood is 60 mm..
- Insert the shaft into the hole until it stops..
- Align the load hook in the direction of pull. **ATTENTION:** Cannot be rotated under load!
- • Use only on dry wood, max. 20% residual moisture

ATTENTION: If the surface of the hole is wet (filled with water or soaked), this hole must not be used. TEST: When feeling the surface of the hole, your finger must not get wet. **If necessary, drill a new hole!**

CORRECT	WRONG
	

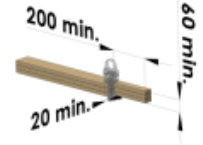
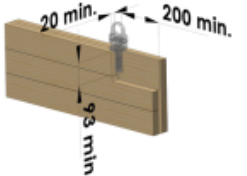
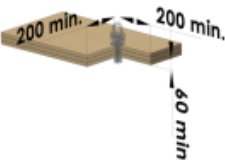
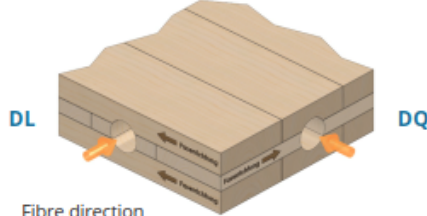


Load capacity table for Power Clamp D40-90-III (1,5t) in combination with the spacer

	with rocker												
													
	Load Case 1+2	Load Case 3		Load Case 4	Load Case 5		Load Case 6		Load Case 7	Load Case 8	Load Case 9	Load Case 10	Load Case 11
Wood dimensions	0° – 90°	7° – 45°	45° – 60°	0°	7° – 45°	45° – 60°	7° – 45°	45° – 60°	0°	90°	7° – 60°	7° – 60°	0°
80mm_3s_DQ	1.500 kg	2.100 kg	1.500 kg	3.000 kg	3.150 kg	2.250 kg	4.200 kg	3.000 kg	6.000 kg	250 kg	1.300 kg	600 kg	1.300 kg
80mm_3s_DL	1.500 kg	2.100 kg	1.500 kg	3.000 kg	3.150 kg	2.250 kg	4.200 kg	3.000 kg	6.000 kg	380 kg	1.500 kg	1.000 kg	1.500 kg
90mm_3s_DQ	1.500 kg	2.100 kg	1.500 kg	3.000 kg	3.150 kg	2.250 kg	4.200 kg	3.000 kg	6.000 kg	380 kg	1.500 kg	1.000 kg	1.500 kg
90mm_3s_DL	1.500 kg	2.100 kg	1.500 kg	3.000 kg	3.150 kg	2.250 kg	4.200 kg	3.000 kg	6.000 kg	380 kg	1.500 kg	1.000 kg	1.500 kg
100mm_3s_DQ	1.500 kg	2.100 kg	1.500 kg	3.000 kg	3.150 kg	2.250 kg	4.200 kg	3.000 kg	6.000 kg	380 kg	1.500 kg	1.200 kg	1.500 kg
100mm_3s_DL	1.500 kg	2.100 kg	1.500 kg	3.000 kg	3.150 kg	2.250 kg	4.200 kg	3.000 kg	6.000 kg	380 kg	1.500 kg	1.200 kg	1.500 kg
120mm_5s_DQ	1.500 kg	2.100 kg	1.500 kg	3.000 kg	3.150 kg	2.250 kg	4.200 kg	3.000 kg	6.000 kg	380 kg	1.500 kg	1.400 kg	1.500 kg
120mm_5s_DL	1.500 kg	2.100 kg	1.500 kg	3.000 kg	3.150 kg	2.250 kg	4.200 kg	3.000 kg	6.000 kg	400 kg	1.500 kg	1.400 kg	1.500 kg
160mm_5s_DQ	1.500 kg	2.100 kg	1.500 kg	3.000 kg	3.150 kg	2.250 kg	4.200 kg	3.000 kg	6.000 kg	600 kg	2.000 kg	1.800 kg	2.000 kg
160mm_5s_DL	1.500 kg	2.100 kg	1.500 kg	3.000 kg	3.150 kg	2.250 kg	4.200 kg	3.000 kg	6.000 kg	650 kg	2.000 kg	1.800 kg	2.000 kg

ATTENTION: With asymmetrical load distribution, the load capacity is reduced by 50%.

The load capacity data refer to the load weight.

Minimum drill hole distance	Minimum drill hole distance front page	Minimum drill hole distance plate	Explanation DL + DQ
			

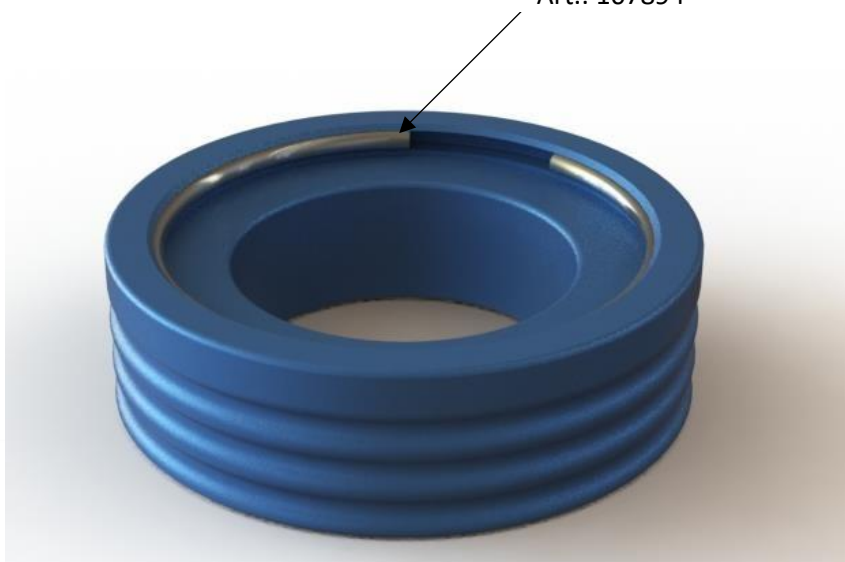
Assembly

To install the spacer, slide it over the shaft until it reaches the support disc. Press it lightly against the support disc until the spring washer snaps into the groove provided.

Ensure a secure fit!

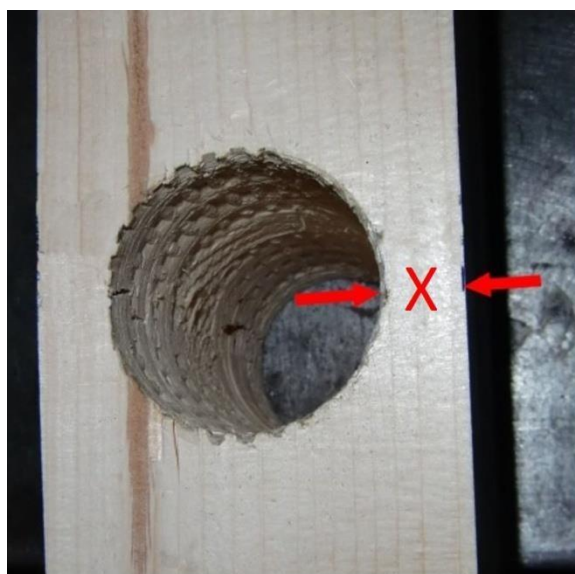
To dismantle, the spacer is removed from the support disc with a strong downward pull.

Spring ring:
Art.: 107894



Incorrect application

 DANGER	With the additional attachment, it is prohibited to lift loads heavier than specified or at angles greater than specified!
 DANGER	If the accessory has visible defects, the device must not be used!
 DANGER	A dirty accessory can impair functionality and must not be used!
 WARNING	When inserting the Power Clamp into the hole in combination with the additional item, the additional item must touch the wooden element.
 WARNING	The drilling depth must be at least 73 mm .
 WARNING	The bore diameter of Ø41 must not be exceeded.
 WARNING	The load hook must be aligned in the direction of rotation of the chain sling.
 WARNING	The distance from the hole to the edge must be at least 25 mm .

WRONG


Example: if the measurement X is less than 25 mm, there is a risk of breakage!!!

Examinations

Check before initial commissioning

- Check the delivery condition!
- Carry out a visual inspection for defects and completeness!

Check before starting work

- Perform a visual inspection!
- Check all components for wear, cracks and deformation.!
- If any abnormalities are detected, operation must be stopped immediately.

Maintenance

Proper maintenance

- Clean the parts with compressed air to remove any dirt.
- The spring in the groove must be easy to turn.
- • The additional item must always be stored in a dry and clean place.

Periodic maintenance

Periodic maintenance must be carried out at least once a year by a competent person, unless otherwise stipulated by law. A competent person is someone who, based on their professional training and experience, has sufficient knowledge in the field of load-bearing equipment and is familiar with the relevant national occupational health and safety regulations, accident prevention regulations and generally accepted rules of technology (e.g. BG rules, DIN standards, VDE regulations, technical rules of other member states of the European Union or other signatory states to the Agreement on the European Economic Area) to such an extent that they are able to assess the safe working condition of load-bearing equipment.

EU conformity declaration

EU conformity declaration

Pursuant to the EU Machinery Directive 2006/42/EC

The Manufacturer: **Weico GmbH**
Gewerbezone Ziggler 4
I-39040 Feldthurns BZ

Hereby declares that the following product:

Model: **Spacer**
Type: **additional item**

Complies with the provisions of EU Directive **2006/42/EC** in force at the date of issue.

The following harmonized standards were applied:

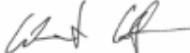
DIN EN ISO 12100:2011-03

"Safety of machinery - General principles - risk assessment and risk reduction"

Name of representative for documentation: **Weico GmbH**

Adress: **Gewerbezone Ziggler, 4 / I-39040 Feldthurns BZ**

Date: 20/01/2020

Signature: 

The Manufacturer: **Weico GmbH**

Adress: **Gewerbezone Ziggler, 4 / I-39040 Feldthurns BZ**

Date: 20/01/2020

Signature: 