PEP Ergo, PEP 10, PEP 20, PEP 30

Slab props

Instructions for Assembly and Use – Standard configuration – Version 2.0

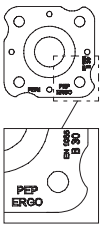
Contents

Main components

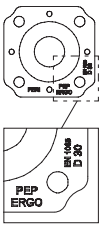
PEP Ergo B, D, E

End plates:

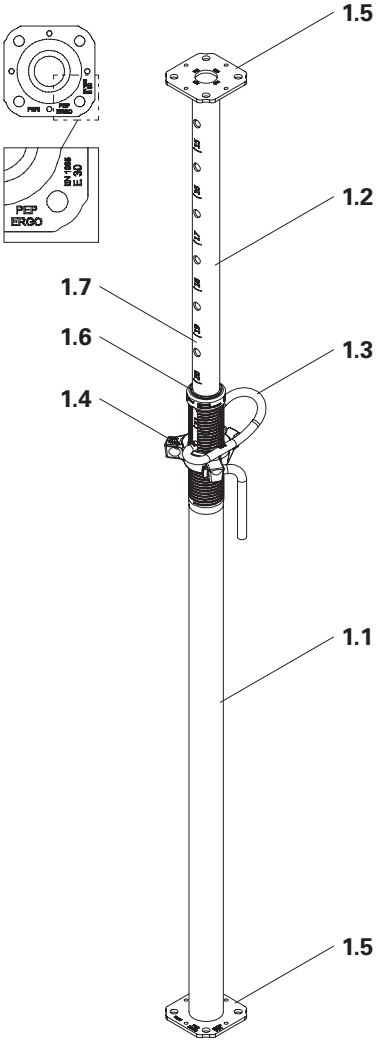
Ergo B



Ergo D

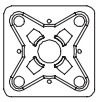


Ergo E

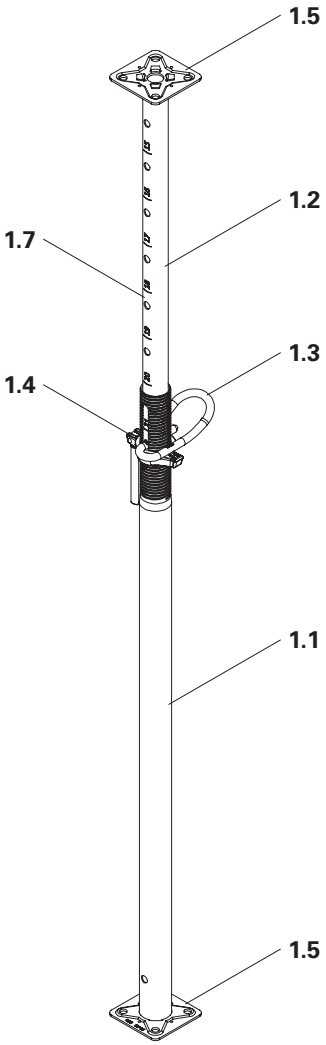


PEP 10

End plates:

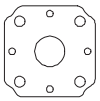


PEP 10

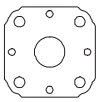


PEP 20, 30

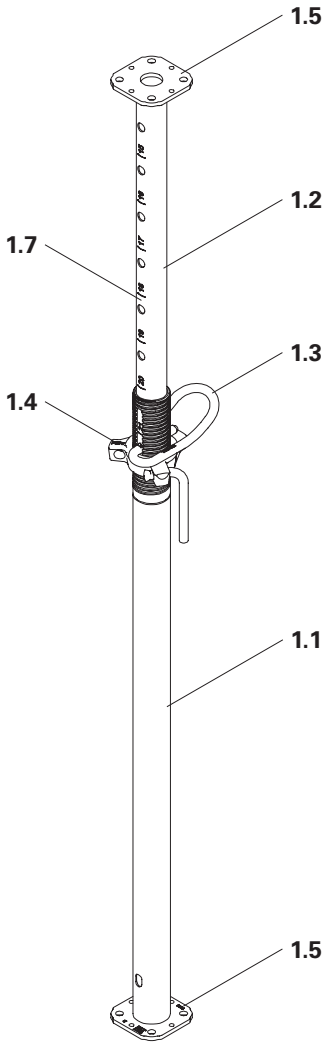
End plates:



PEP 20



PEP 30



1.1 Outer Tube
1.2 Inner Tube
1.3 G-Hook
1.4 Adjusting nut with grip
1.5 End plates inner tube / outer tube
1.6 Limit stop (only PEP Ergo)
1.7 Measuring scale

Key

Pictogram | Definition


Danger/Warning/Caution


Note


To be complied with


Load-bearing point


Visual inspection


Tip


Incorrect use


Safety helmet


Safety shoes


Safety gloves


Safety goggles


Personal protective equipment to prevent falling from a height (PPE)


Observe additional documentation

Arrows

Arrow representing an action

Arrow representing a reaction of an action*

Arrow representing forces

* If not identical to the action arrow.

Safety instruction categories
The safety instructions alert site personnel to the risks involved and provide information on how to avoid these risks. Safety instructions can be found at the beginning of the section or before instructions for action and are highlighted as follows:

Danger
This sign indicates an extremely hazardous situation that could result in death or serious, irreversible injury if the safety instructions are not followed.

Warning
This sign indicates a hazardous situation that could result in death or serious irreversible injury if the safety instructions are not followed.

Caution
This sign indicates a hazardous situation that could result in minor or moderate injury if the safety instructions are not followed.

Note
This sign indicates situations in which failure to observe the information can result in material damage.

Format of the safety instructions

Signal word
Type and source of hazard!
Consequences of non-compliance.
⇒ Preventative measures.

Dimensions
Dimensions are usually given in cm. Other measurement units, e.g. m, are shown in the illustrations.

Conventions
- Instructions are numbered with: 1. ....., 2. ....., 3. .....
- The result of an instruction is shown by: →
- Position numbers are clearly provided for the individual components and are given in the drawing, e.g. **1**, in the text in brackets, for example (**1**).
- Multiple position numbers, i.e. alternative components, are represented with a slash: e.g. **1/2**.

Notes on illustrations
The illustration on the front cover of these instructions is understood to be a system representation only. The assembly steps presented in these Instructions for Assembly and Use are shown in the form of examples with only one component size. They are valid for all component sizes contained in the standard configuration.

To facilitate understanding, illustrations are sometimes incomplete. The safety equipment that is not shown in these detailed descriptions must nevertheless be available.

Terminology
Components are not always named in full so that they are easier to read. All components deemed valid according to the program overview may be used. Exceptions are specified.

Example:
– Slab Prop
corresponds to:
– Slab Prop PEP Ergo B etc.
– Slab Prop PEP 10 etc.

Target groups

Contractors
These Instructions for Assembly and Use are designed for contractors who either
- assemble, modify and dismantle PERI systems, or
- use them, e.g. for concreting, or
- allow them to be used for other operations, e.g. carpentry or electrical work.

Safety and Health Protection Coordinator*
- is appointed by the client,
- must identify potential hazards during the planning phase,
- determines measures that provide protection against risks,
- creates a safety and health protection plan,
- coordinates the protective measures for the contractor and site personnel so that they do not endanger each other,
- monitors compliance with the protective measures.

Competent person
- is appointed by the contractor,
- must be on site for all system operations,
- prepares and updates the plan for assembly, modification and dismantling,
- prepares and updates the plan for use of the system by the user,
- supervises the assembly, modification and dismantling work (supervisor).

Competent persons qualified to carry out inspections
Due to the specialist knowledge gained from professional training, professional experience and recent professional activity, the competent person qualified to carry out inspections has a reliable understanding of safety-related issues and can carry out inspections correctly. Depending on the complexity of the inspection to be undertaken, e.g. scope of testing, type of testing or the use of certain measuring devices, a range of specialist knowledge is necessary.

Qualified personnel
PERI systems may only be assembled, modified or dismantled by personnel who are suitably qualified to do so. Qualified personnel must have completed a course of training** in the work to be performed, covering the following points at least:
- Explanation of the plan for the assembly, modification or dismantling of the system in an understandable form and language.
- Description of the measures for safely assembling, modifying or dismantling the system.
- Naming of the preventive measures to be taken to avoid the risk of persons and objects falling.
- Designation of the safety precautions in the event of changing weather conditions that could adversely affect the safety of the system, as well as the personnel concerned.
- Details regarding permissible loads.
- Description of all other risks and dangers associated with assembly, modification or dismantling operations.

- **Ensure that the respective current version of relevant national guidelines and regulations are complied with!**
- **If no country-specific regulations are available, PERI recommends that you proceed according to German guidelines and regulations.**

* Valid in Germany e.g.: Regulations for Occupational Health and Safety on Construction Sites 30 (RAB 30).

** Instructions are given by the contractor themselves or a competent person selected by them.

Product description

Regular assembly
PERI products have been designed to be used exclusively in industrial and commercial sectors by suitably trained personnel only.

PEP Slab Props
- are steel Slab Props complete with an integrated extension device,
- correspond to the load requirements of DIN EN 1065,
- are used as vertical supports for temporary structures.

Features
PEP Slab Props are used in shoring operations in a level, perpendicular position for the transfer of vertical loads. In particular, they also provide support for slab formwork systems.
All components are galvanised.

The entire length of the Slab Prop is embossed at the pegging holes on the Inner Tube in 10 cm increments.
The maximum adjustment distance for each pegging is 12 cm.

The Slab Props have a manual anti-crush guard, a fail-safe device for the Inner Tube and a jam-proof G-hook

PEP Ergo:
The max. length of the Slab Prop is embossed at the end plates in [cm]. The length details are legible on Slab Props stored in pallets.

Technical data
- Props pursuant to DIN EN 1065
- For load-bearing capacities, see Section "Tables" page 28 onwards.

Cleaning and maintenance instructions

In order to maintain the value and operational readiness of the materials over the long term, clean the panels after each use.

Some repair work may also be inevitable due to the tough working conditions.

The contractor must ensure that the personal protective equipment required for cleaning, maintenance and repair work such as
- Safety helmet,
- Safety shoes,
- Safety gloves,
- Safety goggles,

is available and used as intended.

The following instructions should help to keep cleaning and maintenance costs as low as possible.

Cleaning tools must be adapted to the respective surfaces of the components so that they are not damaged.

Do not spray work platforms and access routes with concrete release agent.
Slip hazard.

Never clean powder-coated components, e.g. elements and accessories, with a steel brush or hard metal scraper; this ensures that the powder coating remains intact.

Mechanical components, e.g. spindles or gear mechanisms, must be cleaned of dirt or concrete residue before and after use, and then greased with a suitable lubricant.

Provide suitable support for the components during cleaning so that no unintentional change in their position is possible.

Do not clean components suspended on crane lifting gear.

Disposal

Carry out disposal in accordance with the relevant national regulations.

Observe the safety data sheets of the auxiliary and operating materials.

Additional technical documentation

- Approvals
  - Z-8.311-899 Steel Slab Props with Extension Unit
    - PERI PEP 10-300 A
    - PERI PEP 10-350 A
  - Z-8.311-934 "PERI PEP Ergo" Steel Slab Props with Extension Unit
  - Z-8.311-941 "PERI PEP Ergo D/E" Steel Slab Props with Extension Unit
- User information
  - Pallets and stacking devices

Instructions for Use

Use in a way not intended, deviating from the standard configuration or the intended use according to the Instructions for Assembly and Use, represents a misapplication with a potential safety risk, e.g. risk of falling.

Only PERI original components may be used. The use of other products and spare parts is not allowed and represents a misapplication with associated safety risks.

Changes to PERI components are not permitted.

The system described in these Instructions for Assembly and Use may contain patent-protected components.

Additional wind attack surfaces resulting from icing and additional masses were not taken into account.
Superimposition of ice loads with snow and / or wind were not taken into account.
If necessary, these should be verified by way of a project-specific calculation.

Cross-system

Safety instructions apply to all service life phases of the system.

General information
The contractor must ensure that the Instructions for Assembly and Use supplied by PERI are available at all times and understood by the site personnel.

These Instructions for Assembly and Use can be used as the basis for creating a risk assessment. The risk assessment is compiled by the contractor. The Instructions for Assembly and Use are not a substitute for a risk assessment!

Observe and comply with the safety instructions and permissible loads.

For the application and inspection of PERI products, observe the current laws and regulations in force in the respective countries.

Materials and working areas are to be inspected before each use and assembly for:
- damage,
- stability and
- functional integrity.

Damaged components must be exchanged immediately on site and no longer used.

Safety components are to be removed only when they are no longer required.

When on slab formwork, scaffolds and working platforms:
- do not jump,
- do not run,
- do not drop anything from or onto it.

Components provided by the contractor must comply with the characteristics stipulated in these Instructions for Assembly and Use and all applicable laws and standards. Unless otherwise indicated, the following applies in particular:
- Timber components:
  Strength class C24 for solid wood according to DIN EN 338:2016-07.
- Scaffolding tubes:
  Galvanised steel tubes with minimum dimension Ø 48.3 x 3.2 mm according to DIN EN 12811-1:2004-03 4.2.1.2.
- Scaffolding tube couplings:
  according to DIN EN 74-1:2022-09 and DIN EN 74-2:2022-09.

Deviations from the standard configuration are only permitted after a further risk assessment has been carried out by the contractor.

Appropriate measures for working and operational safety, as well as stability, are defined on the basis of this risk assessment.

Corresponding proof of stability can be provided by PERI on request if the risk assessment and resulting measures to be implemented are made available.

Nails and wood screws must not protrude. Only allow other connecting components to protrude to the extent that is necessary.
If necessary, mark protruding components or fit them with protective material.
Secure all bolts with cotter pins and all screws with nuts

Before and after extraordinary events that may have damaging effects on the safety of the system, the contractor must immediately
- produce another risk assessment, the results of which must be used to implement suitable measures to ensure the stability of the system,
- arrange for an extraordinary inspection to be carried out by a competent person qualified to do so. The aim of this inspection is to detect and repair damage in good time in order to ensure safe use of the system.

Exceptional events could be:
- accidents, fire, explosions, collisions,
- long periods of non-use,
- natural events, e.g. heavy rainfall, heavy snowfall, significant icing, storms or earthquakes.

Suitable measures could be:
- removing nets/tarpaulin,
- clearing snow and ice,
- reducing live loads,
- securing loose materials.

Assembly, modification and dismantling work
PERI systems may only be assembled, modified or dismantled under the supervision of a person qualified to do so and by technically suitable employees. The qualified personnel must have received appropriate training for the work to be carried out with regard to specific risks and dangers.

On the basis of the risk assessment and Instructions for Assembly and Use, the contractor must create installation instructions in order to guarantee safe assembly, modification and dismantling of the climbing unit.

The contractor must ensure that the personal protective equipment required for the assembly, modification or dismantling of the scaffolding system, e.g.
- Safety helmet,
- Safety shoes,
- Safety gloves,
- Safety goggles,

is available and used as intended.

For work at a higher level, use an approved ladder or platform system, or an assembly scaffold.

If personal protective equipment against falling from a height (PPE) is required or specified in local regulations, the contractor must determine appropriate attachment points on the basis of the risk assessment.
The PPE to be used to prevent falling is determined by the contractor.

The contractor must
- provide safe working areas for site personnel, which are to be reached through the provision of safe access ways. cordon off and clearly mark danger zones.
- guarantee stability during all stages of construction, in particular during assembly, modification and dismantling operations.
- ensure and demonstrate that all loads that occur are safely transferred.

Use
Every contractor who uses or allows the PERI systems to be used, is responsible for ensuring that the equipment is in good condition.

If the system is used successively or at the same time by several contractors, the health and safety coordinator must point out any possible mutual hazards and all work must then be coordinated.

When systems are used in publicly accessible areas,
- measures to prevent unauthorised use, e.g. enclosure of access areas, must be taken.
- Measures are taken against injuries caused by bumping against protruding components, e.g. assembly of protective components.

Always keep the contact surfaces of the system free of dirt, objects, snow and ice.
Close off the system in extreme weather conditions.

System-specific

Strike components only when the concrete has sufficiently hardened and the person in charge has given the go-ahead for deshuttering to take place.

Anchoring is to take place only if the anchorage has sufficient concrete strength.

Storage and transportation

Store and transport components in such a way that no unintentional change in their position is possible. Detach load-lifting accessories and lifting gear from the lowered components only if they are in a stable position and no unintentional change is possible.

Do not drop the components.

Use PERI load-lifting accessories and lifting gear and only those load-bearing points provided on the component.

During the relocation procedure
- ensure that components are picked up and set down in such a way that unintentional falling over, falling apart, sliding, falling down or rolling is avoided.
- no one is allowed to remain under the suspended load.

Pre-assembled assemblies should always be guided with ropes when moving them by crane.

The access areas on the construction site must be free of obstacles and tripping hazards, as well as being slip-resistant.

For transportation, the substrate must have sufficient load-bearing capacity.

Use original PERI storage and transport systems, e.g. crate pallets, pallets or stacking devices.

Component overview

Pos. no.	Component name	Art. no.
1	Slab props	
	Slab Prop PEP Ergo B-300	116780
	Slab Prop PEP Ergo B-350	116790
	Slab Prop PEP Ergo D-150	117230
	Slab Prop PEP Ergo D-250	116770
	Slab Prop PEP Ergo D-300 +	131360
	Slab Prop PEP Ergo D-350 +	131111
	Slab Prop PEP Ergo D-400	125140
	Slab Prop PEP Ergo D-500	125150
	Slab Prop PEP Ergo E-300 +	131104
	Slab Prop PEP Ergo E-350 +	131085
	Slab Prop PEP Ergo E-400	125170
	Slab Prop PEP 10-250 A*	406434
	Slab Prop PEP 10-300 A*	406433
	Slab Prop PEP 10-350 A*	406432
	Slab Prop PEP 10-400 A*	406429
	Slab Prop PEP 20-300	103058
	Slab Prop PEP 20-350	103059
	Slab Prop PEP 20-400	103060
	Slab Prop PEP 20-500	103061
	Slab Prop PEP 30-150	103066
	Slab Prop PEP 30-250	103067
	Slab Prop PEP 30-300	103062
	Slab Prop PEP 30-350	103063
	Slab Prop PEP 30-400	103065
1.1	Outer Tube	–
1.2	Inner Tube	–
1.3	G-Hook	–
1.4	Adjusting nut with grip	–
1.5	End plates inner tube / outer tube	–
1.6	Limit stop (only PEP Ergo)	–
1.7	Measuring scale	–

Pos. no.	Component name	Art. no.
2a	PEP Frame PRK ST	–
2b	PEP Frame PRK AL	–
3	Bracing board	–
4	Brace clamp Ø48 – 76 mm	027940
5	Brace clamp Ø76 – 120 mm	027790
6	Wing Nut Spanner PEP	118345
7	Base MP 50	027310
8a	Pallet RP 80x120/2	103434
8b	Pallet RP 80x150/2	103429
9	Tripod Ø44 – 64 mm	107152
10	Universal tripod Ø57 – 120 mm	028000

* Rental articles only

Tool list

Tool name
Hammer
Wing Nut Spanner PEP

Tightening torques

Unless otherwise indicated, PERI recommends the following guide values for screw connections as "hand-tightened" tightening torques $M_{A,hand\text{-}tightened}$.
These guide values are based on DIN EN 15048-1:2016-09 with minimum Safety Factor 3 against breakage.

Quality class	Quality 4.6		Quality 8.8 and 10.9
Lubrication	**Lightly oiled**	**MoS2**	**Undefined**
Screw M8	8 Nm	6.6 Nm	8 Nm
Screw M10	16 Nm	13.0 Nm	16 Nm
Screw M12	30 Nm	23.0 Nm	30 Nm
Screw M16	65 Nm	54.0 Nm	65 Nm
Screw M20	100 Nm		100 Nm
Screw M24	150 Nm		150 Nm
Screw M30	260 Nm		260 Nm
Screw M36	350 Nm		350 Nm

Tightening torques have been determined for the following components:

Scaffolding tube coupling	50 Nm
Clamping plate for the slab tie gauge	120 Nm

Pre-assembling the Slab Prop

Danger

Use of damaged or incomplete Slab Props!

Damaged or incomplete Slab Props can fail and cause the formwork to collapse. This will lead to serious injuries or even death.

⇒ Every time before use, check whether
- the Slab Prop is complete,
- the Slab Prop has no cracks, holes or broken parts,
- the Inner Tube and adjusting nut are smooth-running and the end plates are level.

- Shown here is the assembly of a free-standing Slab Prop.
- When used in the system, the respective Instructions for Assembly and Use are to be taken into account.
- The embossed numbers show the total length (L_{total}) of the Slab Prop in decimetres [dm], e.g. 20 = 20 dm = 2.00 m.
- The total length of the Slab Prop is read off at the end of the Outer Tube.

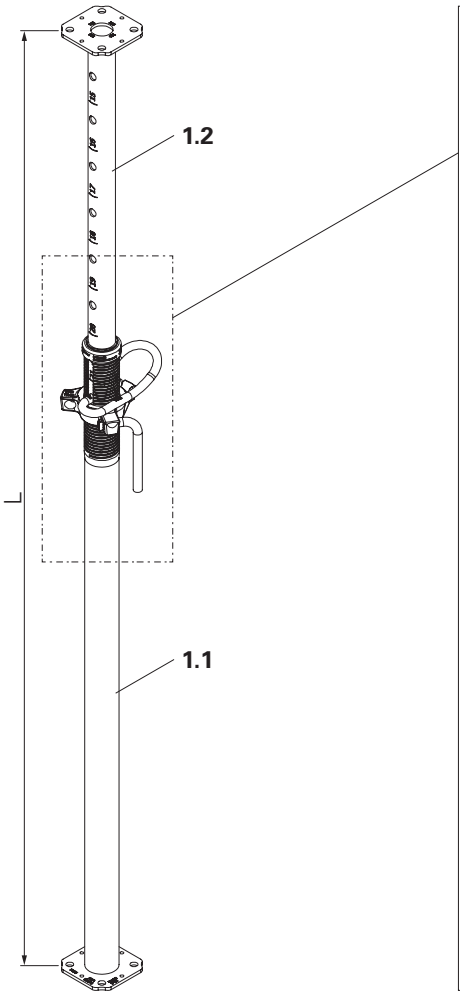


Fig. A1.01

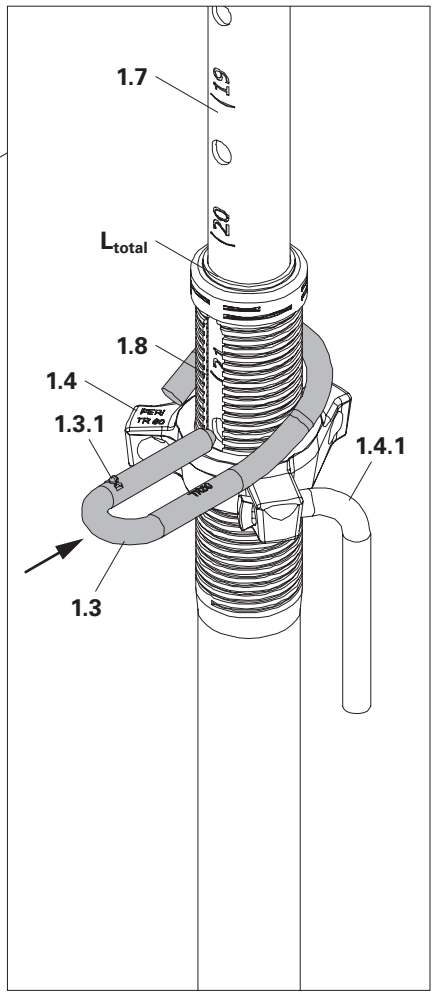


Fig. A1.01a

Pre-assembly

1. Extend inner tube (**1.2**) of the Slab Prop (**1**) to the required height marking (**1.7**). (Fig. A1.01 + Fig. A1.01a)
2. Turn the Inner Tube (**1.2**) so that the hole in the slot (**1.8**) of the outer tube (**1.1**) is visible. (Fig. A1.01 + Fig. A1.01a)
3. Insert the G-Hook (**1.3**) into the visible hole and push it up to the stop (**1.3.1**).
   → The Inner Tube (**1.2**) is fixed in place. (Fig. A1.01a)
4. Turn the adjusting nut (**1.4**) on the handle (**1.4.1**) to the desired dimension. (Fig. A1.01a)

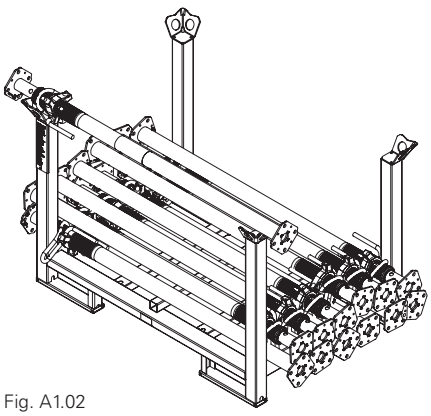


Fig. A1.02

Place the Slab Prop (**1**) on a Pallet-2 RP for pre-assembly. (Fig. A1.02)

Assembly using a tripod Ø44-64 mm

For Slab Props with tube diameter 44 – 64 mm.

Danger

Tripod Ø44 – 64 mm is used to transfer horizontal loads!
Transferring horizontal loads with tripod Ø44 – 64 mm will lead to failure and the formwork collapsing. This will lead to serious injuries or even death.
⇒ Do not transfer horizontal loads with tripod Ø44 – 64 mm.

- Place on clean, flat and sufficiently load-bearing substrate only.
- Shown here is the assembly of a free-standing Slab Prop.
- When used in the system, the respective Instructions for Assembly and Use are to be taken into account.
- Tripods Ø44 – 64 mm (**9**) are simply assembly aids for shuttering and deshuttering up to heights of approx. 3 m.

Tripod assembly

1. Attach a pre-assembled Slab Prop to the tripod Ø44 – 64 mm (**9**) (Fig. A1.03)
2. Tighten the push-pull device (**9.1**) with a hammer (Fig. A1.03)
   – Ensure that the Slab Prop lies flat against the top and bottom stop plate (**9.2 + 9.3**) (Fig. A1.03a)

- Is the push-pull device (**9.1**) tight?
- If the Slab Prop is positioned on the upper and lower stop plate (**9.2 + 9.3**)?
- Is the Slab Prop in a perpendicular position?

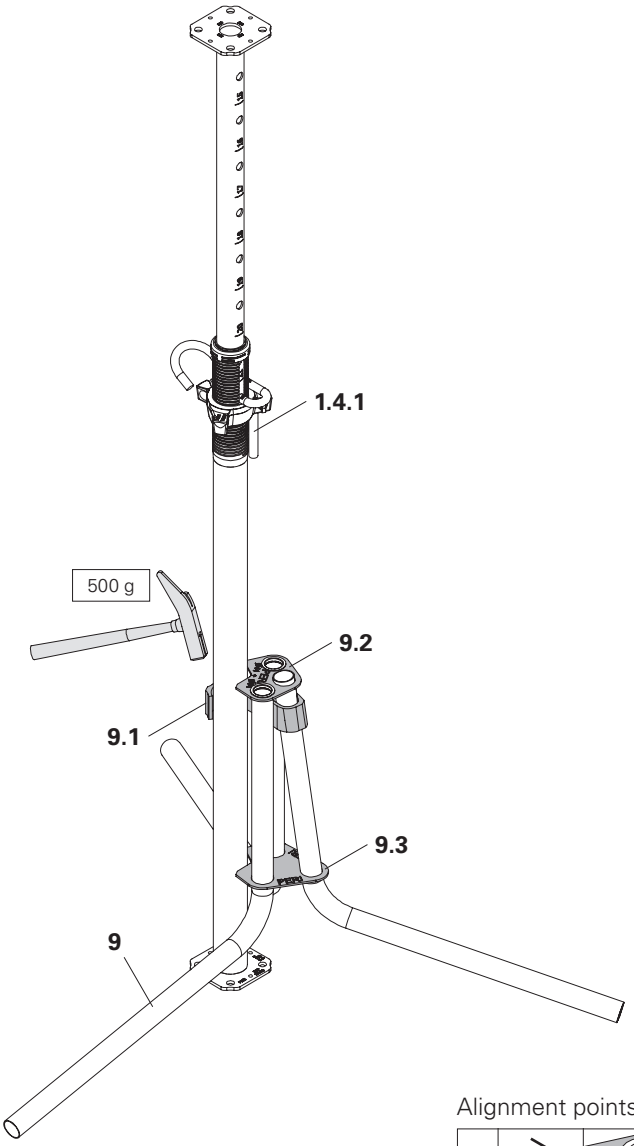


Fig. A1.03

Alignment points

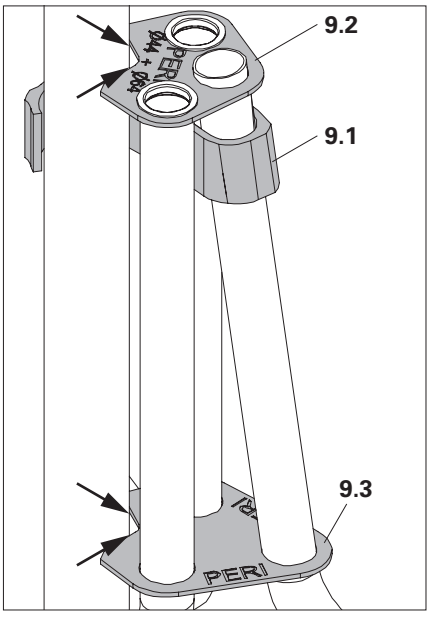


Fig. A1.03a

Assembly using a universal tripod Ø57 – 120 mm

For Slab Props with tube diameter 57 – 120 mm.

Danger

Universal tripod Ø57 – 120 mm is used to transfer horizontal loads!
Transferring horizontal loads with universal tripod Ø57 – 120 mm will lead to failure and the formwork collapsing. This will lead to serious injuries or even death.
⇒ Do not transfer horizontal loads with universal tripod Ø57 – 120 mm.

- Place on clean, flat and sufficiently load-bearing substrate only.
- Shown here is the assembly of a free-standing Slab Prop.
- When used in the system, the respective Instructions for Assembly and Use are to be taken into account.
- Universal tripods Ø57 – 120 mm (**10**) are simply assembly aids for shuttering and deshuttering up to heights of approx. 3 m.

Universal tripod assembly

1. Attach a pre-assembled Slab Prop to the universal tripod Ø57 – 120 mm (**10**). (Fig. A1.04)
2. Tighten the brace stirrup (**10.1**).
   – Ensure that the Slab Prop lies flat against the top and bottom connection plate (**10.2 + 10.3**). (Fig. A1.04a)

- Is the brace stirrup (**10.1**) tightened?
- If the Slab Prop is positioned on the upper and lower stop plate (**10.2 + 10.3**)?
- Is the Slab Prop in a perpendicular position?

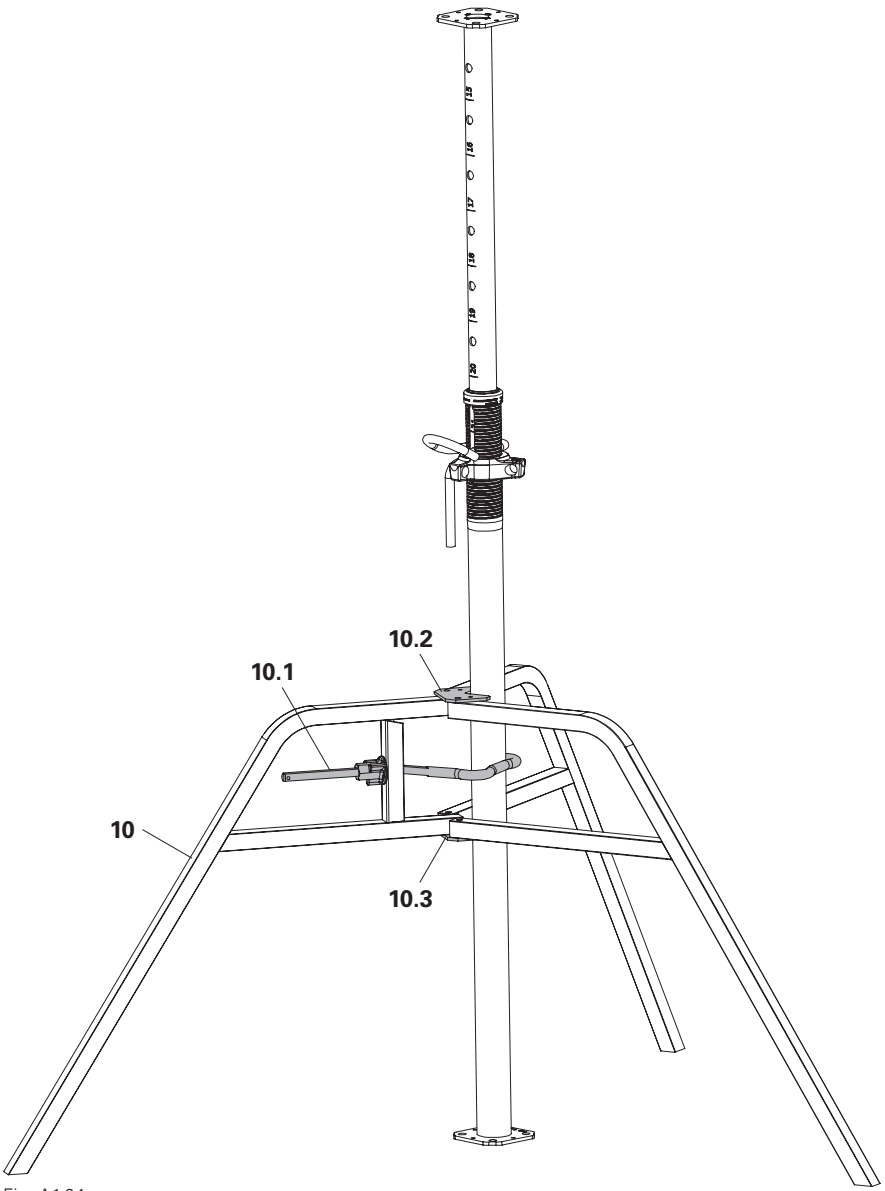


Fig. A1.04

Alignment points

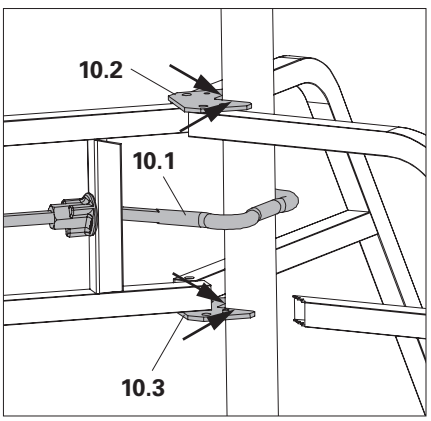


Fig. A1.04a

Assembly with PEP Frame PRK

For Slab Props with tube diameter 57 – 84 mm.

Danger

PEP Frame PRK is used to transfer horizontal loads!
Transferring horizontal loads with PEP Frame PRK will lead to failure and the formwork collapsing. This will lead to serious injuries or even death.
⇒ Do not transfer horizontal loads with PEP Frame PRK.

- Place the Slab Prop on a clean, flat and sufficiently load-bearing substrate only.
- Shown here is the assembly with free-standing Slab Props.
- When used in the system, the respective Instructions for Assembly and Use are to be taken into account.
- PEP Frames PRK (**2**) are simply assembly aids for shuttering and deshuttering up to heights of approx. 4 m.

PEP Frame PRK assembly

1. Loosen the wedges (**2.1**) on the closures (**2.2**) and open the clamping jaws (**2.3**). (Fig. A1.05)
2. Attach PEP Frame PRK (**2**) to the pre-assembled Slab Prop with closure (**2.2**) and clamping jaws (**2.3**). (Fig. A1.06)
3. Close the clamping jaws (**2.3**) and push the wedge (**2.1**) downwards.
   – Each PEP Frame PRK (**2**) has 4 closures (**2.2**), each with a wedge (**2.1**) (top and bottom as well as right and left). (Fig. A1.06 + Fig. A1.06a)
4. Fit additional PEP Frames PRK (**2**) to the Slab Props.
5. Hammer down all wedges (**2.1**) (jarring blow). (Fig. A1.06a)

- Are all wedges tight?
- Are the Slab Props in a perpendicular position?

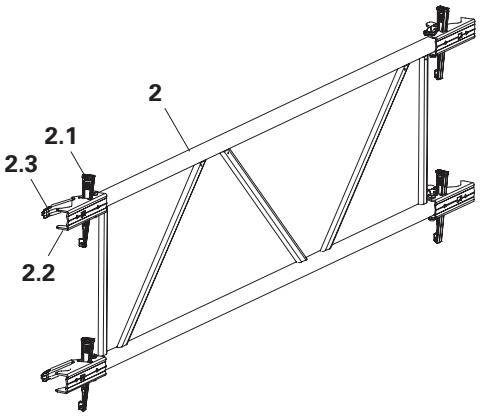


Fig. A1.05

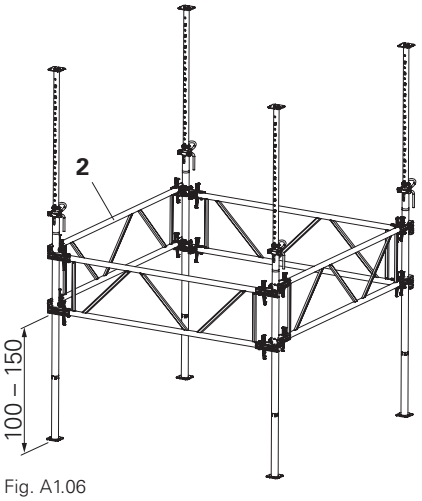


Fig. A1.06

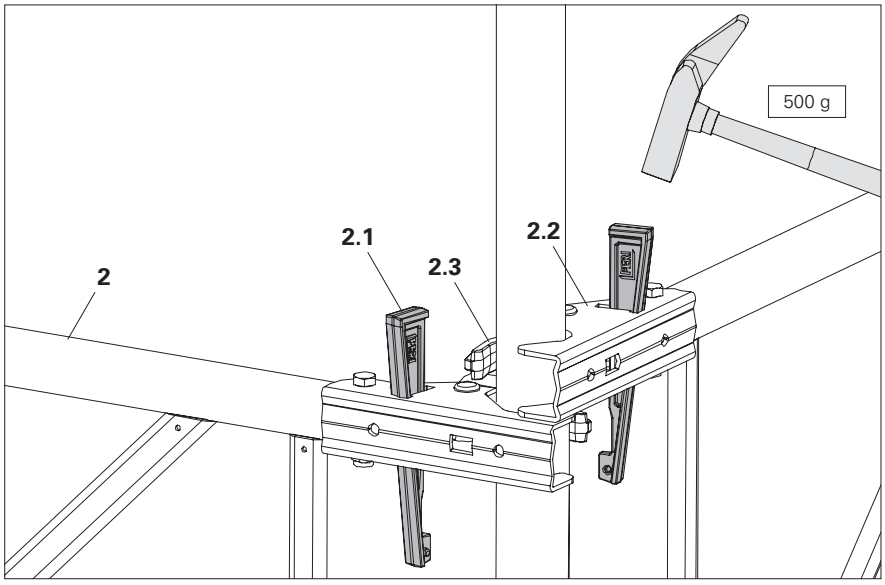


Fig. A1.06a

Brace clamp

Used as an alternative assembly aid with high Slab Props as of approx. 4 m using bracing boards (**3**) 3 x 15 cm.

Components

4 Brace clamp Ø48 – 76 mm
5 Brace clamp Ø76 – 120 mm

Danger

The brace clamp is used to transfer horizontal loads!
Transferring horizontal loads with a brace clamp will lead to failure and the formwork collapsing. This will lead to serious injuries or even death.
⇒ Do not transfer any horizontal loads with brace clamps.

- Place the Slab Prop on a clean, flat and sufficiently load-bearing substrate only.
- Brace clamps (**4 / 5**) are simply assembly aids for shuttering and striking procedures.

Assembly

1. Pull the narrow side of the wedge (**4.1**) out of the brace clamp (**4 / 5**).
2. Place the brace clamp (**4 / 5**) around the tube of the Slab Prop.
3. Insert the bracing board (**3**) into the open side of the brace clamp (**4 / 5**).
4. Re-insert the wedge (**4.1**) into the recess of the brace clamp (**4 / 5**) and hammer it into place.
   → The wedge (**4.1**) fixes the bracing board in place (**3**).
5. Fit additional bracing boards (**3**) with brace clamps (**4 / 5**). (Fig. A1.07)

- Are the Slab Props in a perpendicular position?
- Are all wedges tight?
- Have all wedges been used to secure the boards?

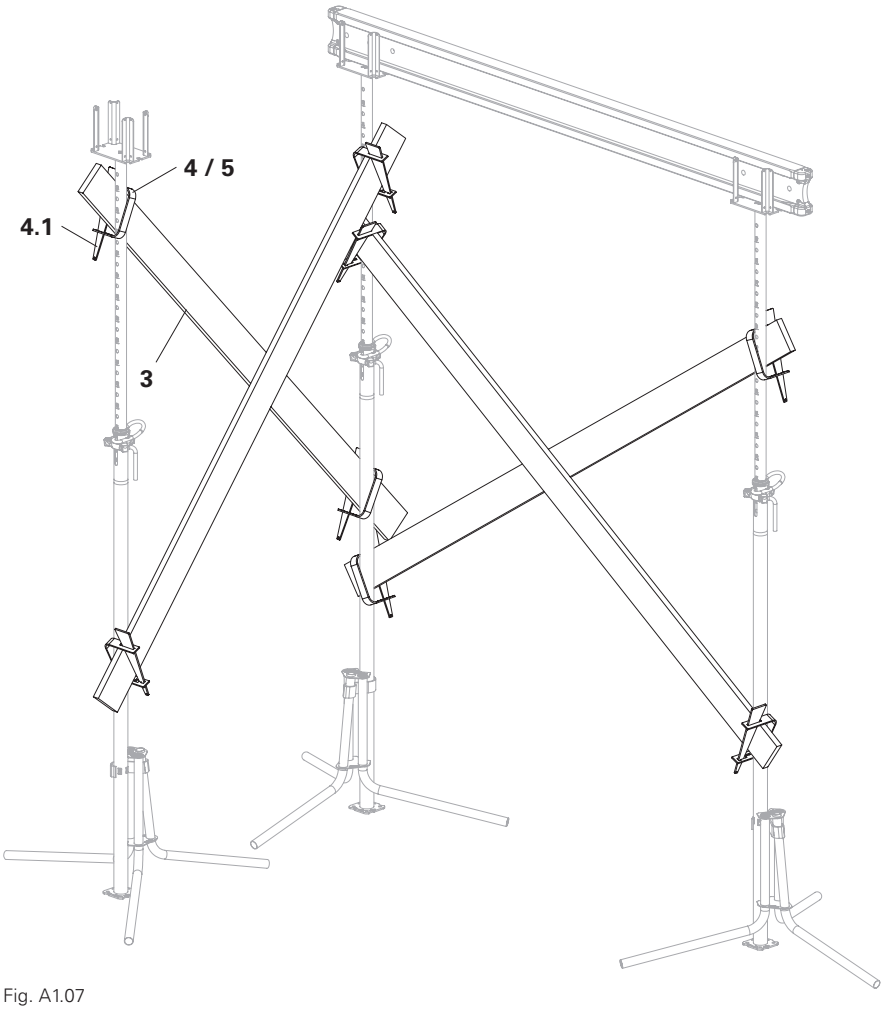


Fig. A1.07

- As an option, tripods (**9 / 10**) can be used as additional assembly aids.

Releasing the Slab Prop under load

Removal:

1. Release adjusting nut and set load free by:
   – Handle (**1.4.1**) (Fig. A2.01a)
   – Hammer on directional impact cams (Fig. A2.01b)
   – Wing Nut Spanner PEP article no. 118345 (Fig. A2.01c)

Ensure that the Slab Prop is completely free of any load.

2. Hold Inner Tube steady and pull out G-Hook.
3. Push in Inner Tube.
4. Place the Slab Prop in the pallet.

See Section "A5 Storage and transportation" on page 27.

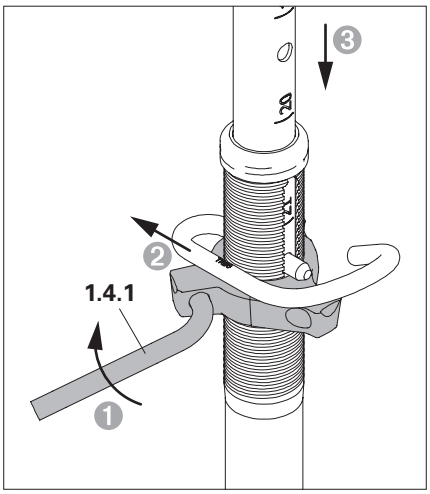


Fig. A2.01a

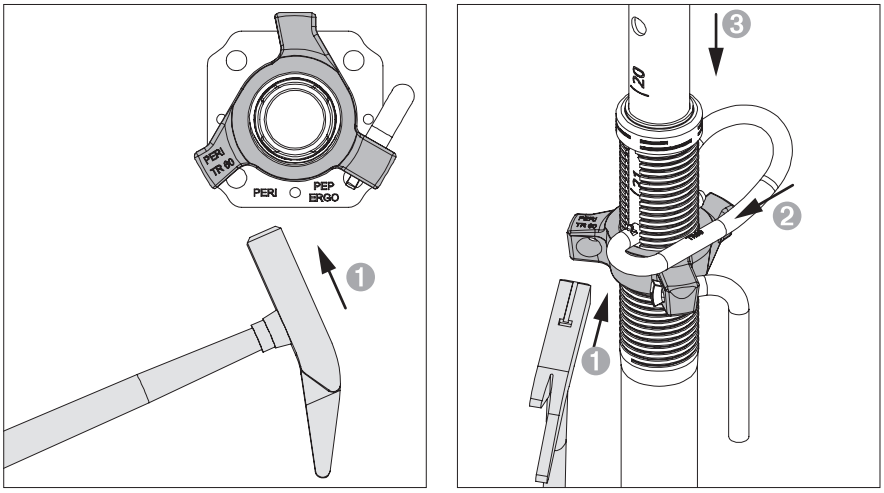


Fig. A2.01b

The wingnut spanner allows the adjusting nut to be loosened effortlessly and silently, even in the case of significant support loads.

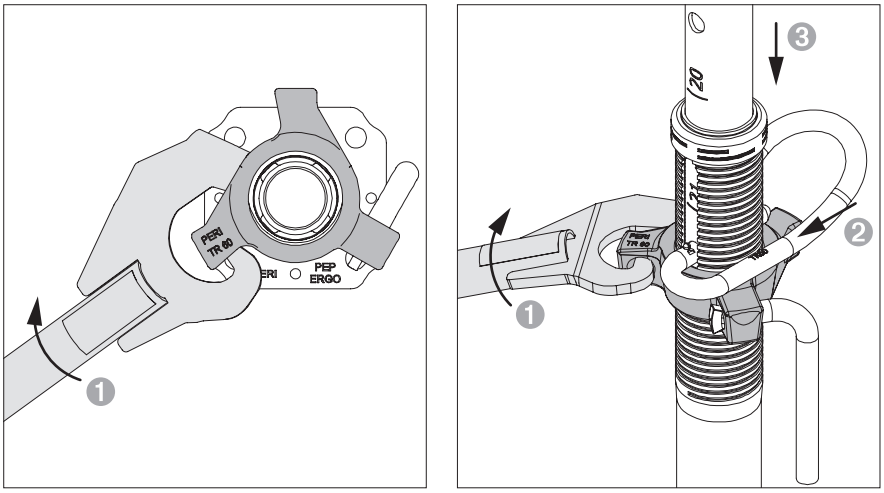


Fig. A2.01c

Base MP 50

Take into account separate Design Tables with permissible prop load.

- Used to extend the Slab Prop by 50 cm.
- Automatic centring of the Slab Prop by means of centring pins (**7.2**).
- The Base MP 50 (**7**) is connected to the Slab Prop using two Clamping Claws (**7.1**).

Assembly

1. Place Slab Prop on the Base MP 50 (**7**) so that the two Centring Pins (**7.2**) are securely positioned in the holes of the base plate.
2. Position the Clamping Claw (**7.1**) with the hammer on the end plate of the slab foot.

(Fig. A3.01)

Are the two Clamping Claws (**7.1**) set down fully on the end plate?

The same type of prop can be used at different heights when using Base MP 50 (**7**).

Dismantling

Release the Clamping Claws (**7.1**) using a hammer.

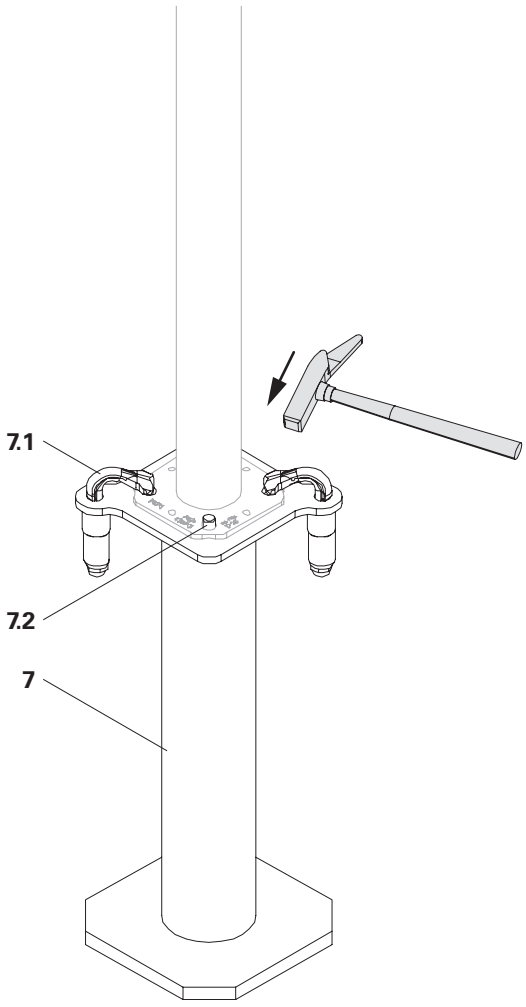


Fig. A3.01

A4 Foreseeable misapplications

Applications of this kind or a similar kind are prohibited!

Ensure Slab Props are in a perpendicular position.

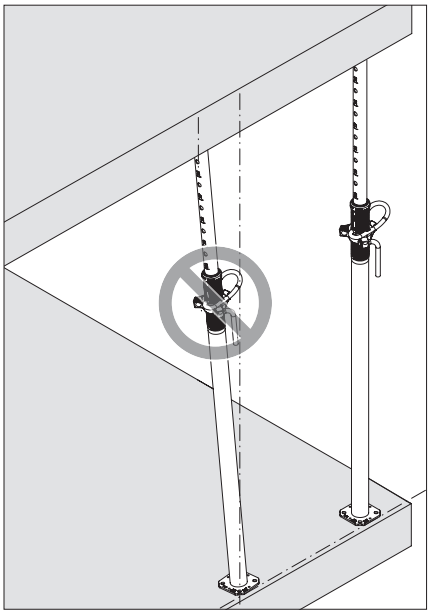


Fig. A4.01

Slab Props must always be in a vertical position.

Only use full-faced support surfaces.

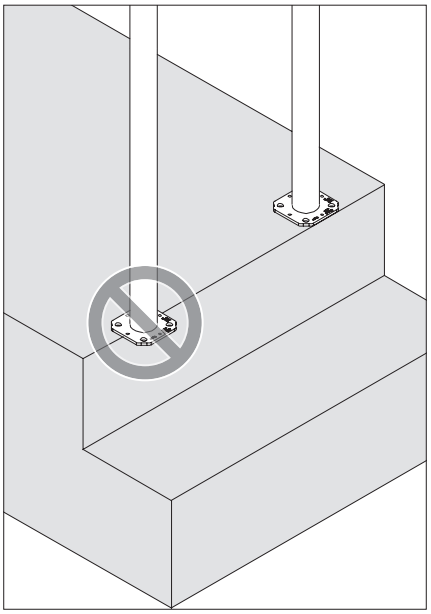


Fig. A4.02a

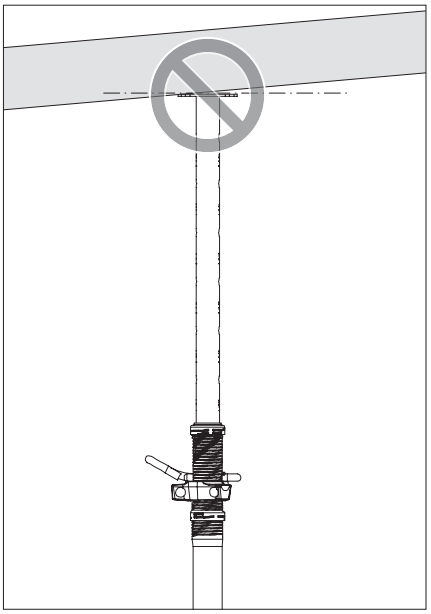


Fig. A4.02b

End plates of the Slab Props must always lie completely flat.
If necessary, fill the gap and secure the wedge.

Non-loadable erection surface.

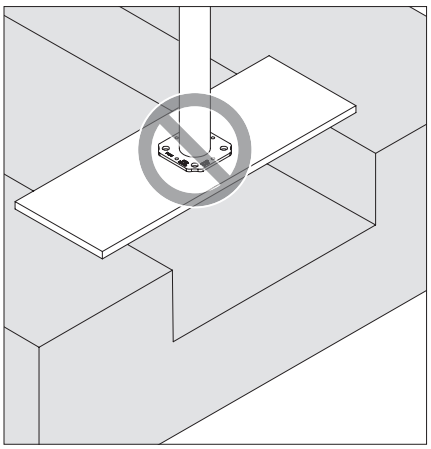


Fig. A4.03a

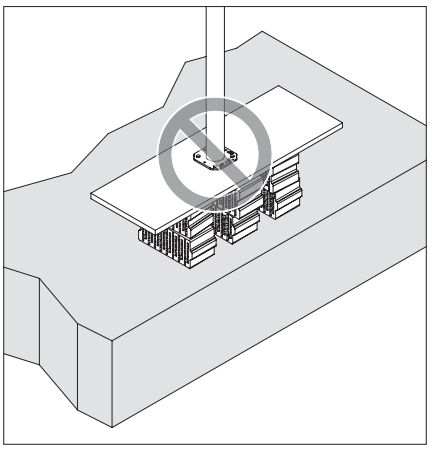


Fig. A4.03b

Slab Props must always be positioned on load-bearing and flat surfaces.

A4 Foreseeable misuse

Applications of this kind or a similar kind are prohibited!

Do not connect several Slab Props!

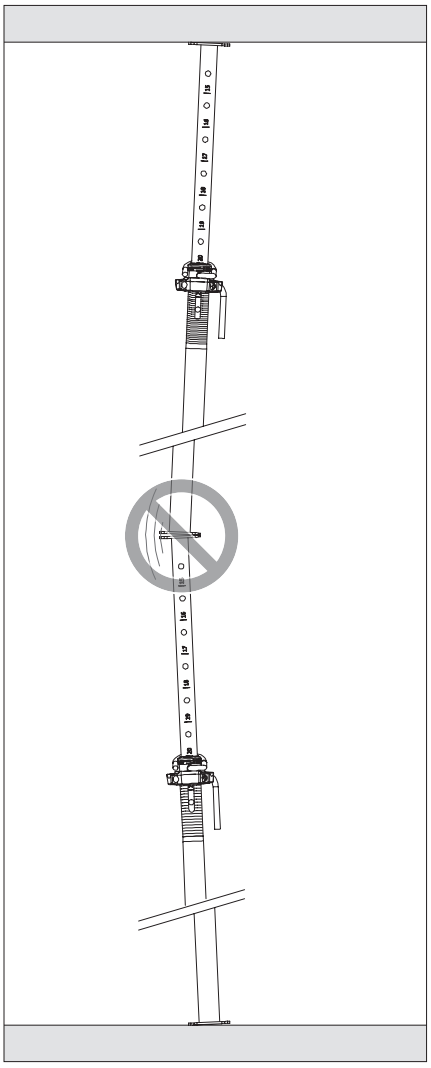


Fig. A4.04

If the clearance is too great, a longer Slab Prop or a shoring tower must be used, e.g. MULTIPROP MP or PERI UP.

Do not use tie rods or reinforcement bar instead of a G-Hook!

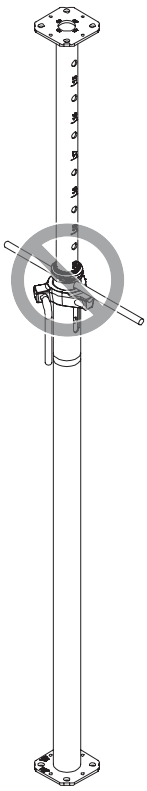


Fig. A4.05

Only use original G-Hooks to peg the Inner Tube. If the G-Hook is missing, remove the Slab Prop.

Do not use for supporting formwork elements!

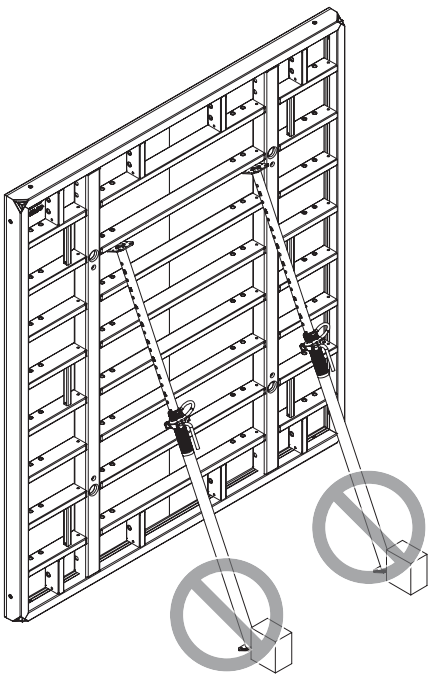


Fig. A4.06

Use designated support equipment, e.g. Push-Pull Props RS or Brace Frame SB.

A4 Foreseeable misuse

Applications of this kind or a similar kind are prohibited!

Do not use as a trench strut!

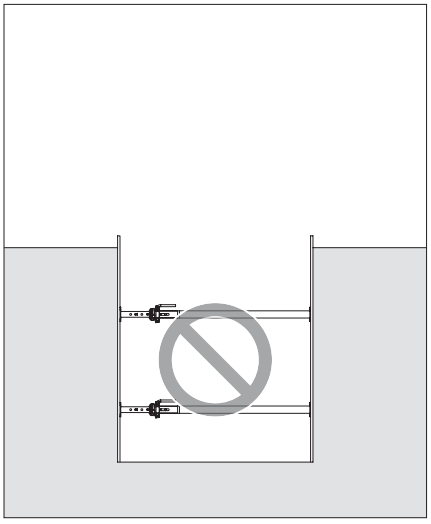


Fig. A4.07

Use designated trench strut.

Do not use as a guardrail!

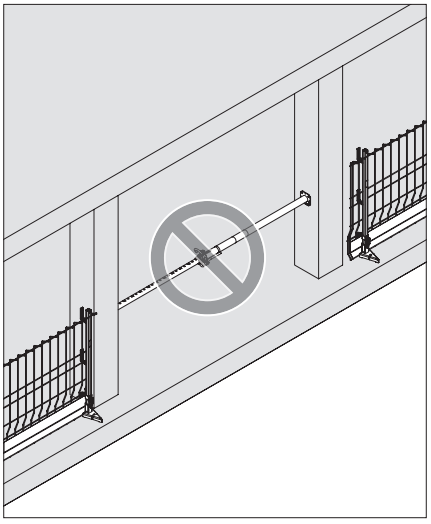


Fig. A4.08

Use designated anti-fall protection, e.g. PROKIT EP 110.

Do not use as a guardrail holder!

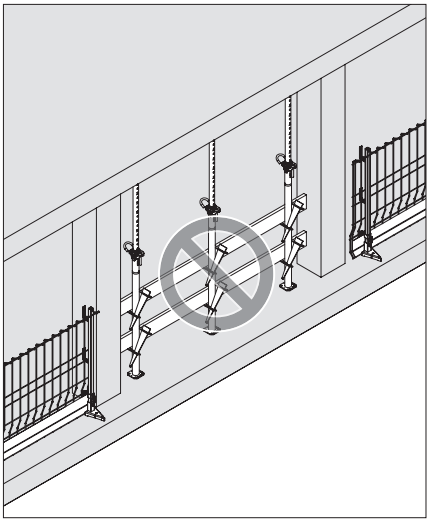


Fig. A4.09

Use designated anti-fall protection, e.g. PROKIT EP 110 or EP 200.

Ensure that no water collects inside the tubes!

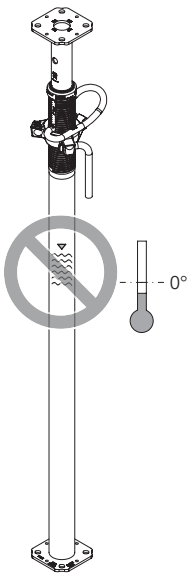


Fig. A4.10

- Ensure that water can drain away!
- Do not close the openings!
- Frost will cause the water to freeze. Formation of ice can cause the Inner Tube with G-Hook to lift.

The G-Hook must rest on the adjusting nut!

A5 Storage and transportation

- **Refer to the user information for pallets and stacking devices**
- **Follow PERI packaging guidelines!**
- **Transportation units must be stacked and secured correctly.**

- Pallets RP/2 (**8a / 8b**) are suitable for crane and forklift operation.
- When using a crane, four-sling lifting gear is used to move the pallets.
- When using a forklift, the pallets can be moved either with the forklift or the Pallet Lifting Truck 1800MM (article no. 061510).
- All pallets can be picked up from the long side as well as from the front side.
- Max. number of articles per pallet in accordance with packaging guidelines.

Storage

- **Ensure Slab Props of the same size are stored and transported in one Pallet RP. (Fig. A5.01)**
- **End plates of the Inner Tubes (1.5a) must lie within the end plates of the Outer Tubes (1.5b). In this way, the Inner Tube is prevented from sliding out. (Fig. A5.01a)**

PEP Ergo:
The length in [cm] is embossed on the outside of the end plates (**1.9**).
(Fig. A5.01a)

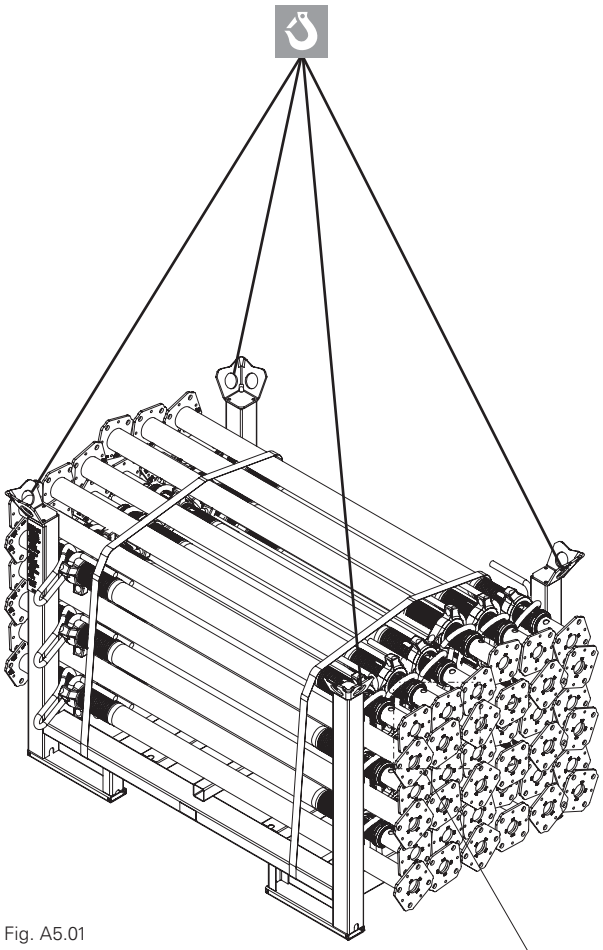


Fig. A5.01

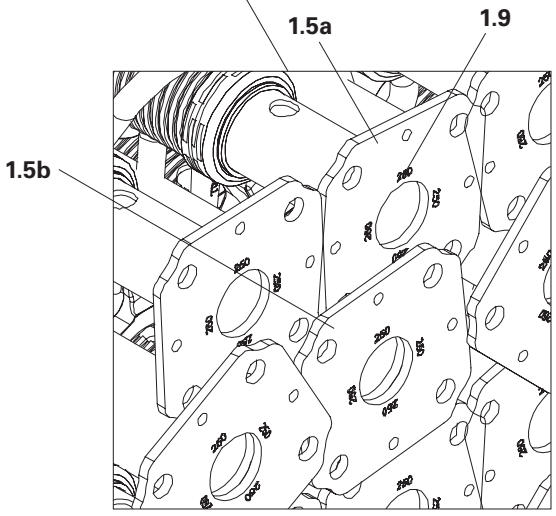


Fig. A5.01a

A5 Storage and transportation

Transportation

- **Ensure loads are correctly secured during transport.**
- **Use tension belts or steel bands.**

The number of pallets that can be transported simultaneously depends on the national transport regulations.

PEP Ergo B

Permissible prop load [kN] according to approval				
Extension length [m]	**PEP Ergo B-300** L = 1.97 – 3.00 m		**PEP Ergo B-350** L = 2.25 – 3.50 m	
	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube
2.00	30.8	30.8		
2.10	29.8	30.8		
2.20	27.0	30.8		
2.30	24.6	30.8	30.8	28.6
2.40	23.0	30.8	28.6	28.6
2.50	21.5	30.8	25.5	28.6
2.60	20.3	29.5	23.1	28.4
2.70	19.3	27.5	21.3	28.0
2.80	18.3	24.8	19.8	27.4
2.90	16.9	22.3	18.6	26.1
3.00	15.6	20.2	17.5	24.4
3.10			16.3	22.8
3.20			15.2	20.8
3.30			14.3	19.0
3.40			13.2	17.4
3.50			12.4	15.7
3.60				
3.70				
3.80				
3.90				
4.00				

Notes:

- PERI PEP Ergo B-300 and PEP Ergo B-350 props meet the load-bearing capacity requirements of Prop Class B as stipulated in DIN EN 1065.
- General Technical Approval Z-8.311-934 issued by the German Institute for Structural Engineering.

PEP Ergo B with Base MP 50

Permissible prop load [kN]				
Total length [m] (extension length + 50 cm)	**PEP Ergo B-300 with MP 50**		**PEP Ergo B-350 with MP 50**	
	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube
2.00				
2.10				
2.20				
2.30				
2.40				
2.50	30.8	30.8		
2.60	29.3	30.8		
2.70	26.3	30.8		
2.80	23.8	30.8	30.8	30.5
2.90	21.8	30.8	28.1	30.2
3.00	20.4	28.3	25.0	29.6
3.10	19.2	25.1	22.4	28.9
3.20	18.1	22.5	20.6	27.5
3.30	16.9	20.4	19.0	25.0
3.40	15.6	18.6	17.7	22.6
3.50	14.3	16.9	16.5	20.5
3.60			15.2	18.7
3.70			14.1	16.9
3.80			13.1	15.0
3.90			12.2	13.4
4.00			11.2	11.9

Permissible prop load [kN] according to approval												
Extension length [m]	PEP Ergo D-150 L = 0.98 – 1.50 m		PEP Ergo D-250 L = 1.47 – 2.50 m		PEP Ergo D-300 + L = 1.79 – 3.00 m		PEP Ergo D-350 + L = 2.08 – 3.50 m		PEP Ergo D-400 L = 2.51 – 4.00 m		PEP Ergo D-500 L = 3.26 – 5.00 m	
	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube
1.00	30.8	30.8										
1.10	30.8	30.8										
1.20	30.8	30.8										
1.30	30.8	30.8										
1.40	28.5	30.8										
1.50	26.4	30.8	35.0	35.0								
1.60			35.0	35.0								
1.70			32.9	35.0								
1.80			30.7	35.0	35.0	35.0						
1.90			29.1	35.0	35.0	35.0						
2.00			28.1	35.0	35.0	35.0						
2.10			27.3	35.0	35.0	35.0	40.0	40.0				
2.20			26.5	34.1	35.0	35.0	40.0	40.0				
2.30			25.7	32.3	33.4	35.0	40.0	40.0				
2.40			24.3	29.4	31.7	34.0	39.7	40.0				
2.50			22.4	26.3	30.1	32.7	36.9	40.0				
2.60					28.3	31.3	34.7	40.0				
2.70					26.2	29.1	32.9	40.0	40.0	40.0		
2.80					24.3	26.9	31.6	40.0	40.0	40.0		
2.90					22.4	24.9	30.3	40.0	40.0	40.0		
3.00					20.6	22.8	29.2	39.1	40.0	40.0		
3.10							27.2	35.4	37.7	40.0		
3.20							25.4	32.1	35.7	40.0		
3.30							23.7	29.4	33.9	40.0	40.0	40.0
3.40							22.1	27.0	32.5	40.0	40.0	40.0
3.50							20.7	24.7	31.0	39.7	40.0	40.0
3.60									29.0	36.4	40.0	40.0
3.70									27.0	33.3	40.0	40.0
3.80									25.2	30.7	40.0	40.0
3.90									23.5	28.2	40.0	40.0
4.00									21.8	26.0	40.0	40.0
4.10											39.3	40.0
4.20											36.5	40.0
4.30											34.0	39.2
4.40											31.8	37.0
4.50											29.9	34.6
4.60											28.1	32.4
4.70											26.4	30.4
4.80											24.8	28.5
4.90											23.4	26.8
5.00											21.8	25.3
5.10												
5.20												
5.30												
5.40												
5.50												

Notes:

- PERI PEP Ergo D-150, PEP Ergo D-250, PEP Ergo D-300 +, PEP Ergo D-350 +, PEP Ergo D-400 and PEP Ergo D-500 props fulfil the Prop Class D load-bearing capacity requirements of DIN EN 1065.
- The PEP Ergo D-250 Prop also fulfils the Prop Class B requirements of DIN EN 1065.
- General Technical Approval Z-8.311-934 for PERI PEP Ergo D-150 and PEP Ergo D-250 and PEP Ergo D-300 +.
- General Technical Approval Z-8.311-941 for PERI PEP Ergo D-350 +, PEP Ergo D-400 and PEP Ergo D-500.

PEP Ergo D with Base MP 50

PERI

Permissible prop load [kN]										
Total length [m] (extension length + 50 cm)	**PEP Ergo D-250 with MP 50**		**PEP Ergo D-300 + with MP 50**		**PEP Ergo D-350 + with MP 50**		**PEP Ergo D-400 with MP 50**		**PEP Ergo D-500 with MP 50**	
	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube
1.00										
1.10										
1.20										
1.30										
1.40										
1.50										
1.60										
1.70										
1.80										
1.90										
2.00	36.4	37.9								
2.10	35.2	37.9								
2.20	31.9	37.9								
2.30	29.3	37.9	35.0	35.0						
2.40	27.6	37.9	35.0	35.0						
2.50	26.2	36.0	35.0	35.0						
2.60	25.1	33.8	35.0	35.0	40.0	40.0				
2.70	24.2	30.3	34.3	35.0	40.0	40.0				
2.80	23.3	27.0	31.8	33.9	40.0	40.0				
2.90	21.7	24.3	30.0	32.4	38.6	40.0				
3.00	19.8	21.9	27.6	30.3	35.6	40.0				
3.10			25.2	27.4	33.2	40.0	40.0	40.0		
3.20			23.2	25.0	31.2	40.0	40.0	40.0		
3.30			21.3	23.0	29.6	36.7	40.0	40.0		
3.40			19.7	21.1	28.2	33.1	40.0	40.0		
3.50			18.1	19.3	26.3	30.2	38.8	40.0		
3.60					24.4	27.7	36.0	40.0		
3.70					22.7	25.5	34.0	40.0		
3.80					21.2	23.6	32.0	36.9	40.0	40.0
3.90					19.7	21.8	30.1	33.6	40.0	40.0
4.00					18.2	20.2	27.9	30.9	40.0	40.0
4.10							25.9	28.7	40.0	40.0
4.20							24.1	26.6	40.0	40.0
4.30							22.5	24.7	40.0	40.0
4.40							21.0	22.9	39.8	40.0
4.50							19.5	21.3	36.9	38.7
4.60									34.4	36.0
4.70									32.1	33.7
4.80									30.0	31.6
4.90									28.1	29.7
5.00									26.5	28.0
5.10									24.9	26.4
5.20									23.4	24.9
5.30									22.1	23.5
5.40									20.8	22.6
5.50									19.5	21.0

Permissible prop load [kN] according to approval						
Extension length [m]	PEP Ergo E-300 + L = 1.79 – 3.00 m		PEP Ergo E-350 + L = 2.08 – 3.50 m		PEP Ergo E-400 L = 2.51 – 4.00 m	
	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube
1.80	50.4	50.4				
1.90	50.4	50.4				
2.00	50.4	50.4				
2.10	50.4	50.4	50.4	50.4		
2.20	50.4	50.4	50.4	50.4		
2.30	50.4	50.4	50.4	50.4		
2.40	47.3	50.4	50.4	50.4		
2.50	45.6	50.4	50.4	50.4		
2.60	44.5	50.4	50.4	50.4	50.4	50.4
2.70	43.3	50.4	48.5	50.4	50.4	50.4
2.80	41.8	50.4	46.4	50.4	50.4	50.4
2.90	40.3	48.0	44.5	50.4	50.4	50.4
3.00	37.5	43.0	43.0	50.4	50.4	50.4
3.10			41.5	50.4	50.4	50.4
3.20			38.7	46.1	50.4	50.4
3.30			36.0	41.9	50.4	50.4
3.40			33.3	38.2	50.4	50.4
3.50			30.9	34.9	48.5	50.4
3.60					46.0	50.4
3.70					42.7	48.4
3.80					39.7	44.7
3.90					36.9	41.1
4.00					34.1	37.7
4.10						
4.20						
4.30						
4.40						
4.50						

Notes:

- PERI Props PERI PEP Ergo E-300 +, PEP Ergo E-350 + and PEP Ergo E-400 fulfil the Prop Class E load-bearing capacity requirements of DIN EN 1065.
- General Technical Approval Z-8.311-941 of the German Institute for Structural Engineering (DIBt).

PEP Ergo E with Base MP 50

Permissible prop load [kN]						
Total length [m] (extension length + 50 cm)	**PEP Ergo E-300 + with MP 50**		**PEP Ergo E-350 + with MP 50**		**PEP Ergo E-400 with MP 50**	
	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube
1.80						
1.90						
2.00						
2.10						
2.20						
2.30	50.4	50.4				
2.40	50.4	50.4				
2.50	50.4	50.4				
2.60	50.4	50.4	50.4	50.4		
2.70	50.1	50.4	50.4	50.4		
2.80	47.0	50.4	50.4	50.4		
2.90	44.8	50.4	50.4	50.4		
3.00	43.0	50.4	50.4	50.4		
3.10	41.0	50.4	50.4	50.4	50.4	50.4
3.20	39.3	47.0	49.5	50.4	50.4	50.4
3.30	38.1	42.0	46.7	49.9	50.4	50.4
3.40	35.4	37.8	42.9	45.6	50.4	50.4
3.50	32.3	34.2	39.4	41.7	50.4	50.4
3.60			36.3	38.2	50.4	50.4
3.70			33.5	35.3	50.4	50.4
3.80			31.1	32.6	49.3	50.4
3.90			28.8	30.2	46.2	48.4
4.00			26.6	27.9	42.7	44.6
4.10					39.6	41.2
4.20					36.8	38.2
4.30					34.3	35.5
4.40					31.8	33.0
4.50					29.5	30.5

Permissible prop load [kN]				
Extension length [m]	PEP 10-250 A L = 1.47 – 2.50 m	PEP 10-300 A L = 1.72 – 3.00 m	PEP 10-350 A L = 1.97 – 3.50 m	PEP 10-400 A L = 2.22 – 4.00 m
1.50	25.0			
1.60	25.0			
1.70	25.0			
1.80	23.1	25.0		
1.90	20.8	24.9		
2.00	18.8	22.5	25.0	
2.10	17.0	20.4	23.8	
2.20	15.5	18.6	21.7	
2.30	14.2	17.0	19.8	22.7
2.40	13.0	15.6	18.2	20.8
2.50	12.0	14.4	16.8	19.2
2.60		13.3	15.5	17.8
2.70		12.3	14.4	16.5
2.80		11.5	13.4	15.3
2.90		10.7	12.5	14.3
3.00		10.0	11.7	13.3
3.10			10.9	12.5
3.20			10.3	11.7
3.30			9.6	11.0
3.40			9.1	10.4
3.50			8.6	9.8
3.60				9.3
3.70				8.8
3.80				8.3
3.90				7.9
4.00				7.5

Notes:

- PERI PEP 10-250 A, PEP 10-300 A, PEP 10-350 A and PEP 10-400 A Props fulfil Prop Class A load-bearing capacity requirements of DIN EN 1065.
- The permissible values apply to the use of the lower Outer Tube and Inner Tube.

Permissible prop load [kN] according to type test								
Extension length [m]	PEP 20-300 L = 1.71 – 3.00 m		PEP 20-350 L = 1.96 – 3.50 m		PEP 20-400 L = 2.21 – 4.00 m		PEP 20-500 L = 2.71 – 5.00 m	
	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube
1.60								
1.70								
1.80	36.4	36.4						
1.90	36.4	36.4						
2.00	36.1	36.4	36.4	36.4				
2.10	33.2	36.4	36.4	36.4				
2.20	31.4	36.4	36.4	36.4				
2.30	29.9	36.4	36.4	36.4	36.4	36.4		
2.40	28.7	36.4	36.4	36.4	36.4	36.4		
2.50	27.7	36.4	36.4	36.4	36.4	36.4		
2.60	26.9	36.3	34.8	36.4	36.4	36.4		
2.70	25.7	32.7	33.4	36.4	36.4	36.4		
2.80	24.0	29.3	32.1	36.4	36.4	36.4	36.4	36.4
2.90	22.3	26.5	31.1	36.4	36.4	36.4	36.4	36.4
3.00	20.5	23.9	30.1	36.4	36.4	36.4	36.4	36.4
3.10			28.3	35.7	34.6	36.4	36.4	36.4
3.20			26.5	32.5	33.5	36.4	36.4	36.4
3.30			24.8	29.7	32.1	36.4	36.4	36.4
3.40			23.1	27.2	30.5	36.4	36.4	36.4
3.50			21.3	24.8	28.7	34.9	36.4	36.4
3.60					26.9	32.1	36.4	36.4
3.70					25.3	29.8	36.4	36.4
3.80					23.7	27.6	36.4	36.4
3.90					22.3	25.5	36.4	36.4
4.00					20.7	23.5	35.3	36.4
4.10							33.3	36.4
4.20							31.5	36.4
4.30							29.8	35.0
4.40							28.2	32.9
4.50							26.8	30.8
4.60							25.3	28.9
4.70							24.1	27.2
4.80							22.8	25.7
4.90							21.5	24.1
5.00							20.3	22.1
5.10								
5.20								
5.30								
5.40								
5.50								

Notes:

- PEP 20 Props conform to DIN EN 1065 Class D, i.e. the permissible prop load for all extension lengths is at least 20 kN.
- When using PERI Slab Tables, the permissible load for all PEP 20 Props is a minimum of 30 kN over the entire extension length due to the clamping in the Table Swivel Head or UNIPORTAL Head.

PEP 20 with Base MP 50

PERI

Permissible prop load [kN] according to type test								
Total length [m] (extension length + 50 cm)	**PEP 20-300 with MP 50**		**PEP 20-350 with MP 50**		**PEP 20-400 with MP 50**		**PEP 20-500 with MP 50**	
	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube
1.60								
1.70								
1.80								
1.90								
2.00								
2.10								
2.20								
2.30	36.0	36.0						
2.40	36.0	36.0						
2.50	34.9	36.0	36.0	36.0				
2.60	31.8	36.0	36.0	36.0				
2.70	29.6	36.0	36.0	36.0				
2.80	27.8	36.0	36.0	36.0	36.0	36.0		
2.90	26.4	35.8	36.0	36.0	36.0	36.0		
3.00	25.2	32.1	35.0	36.0	36.0	36.0		
3.10	24.2	28.8	32.9	36.0	36.0	36.0		
3.20	23.1	26.3	31.1	36.0	36.0	36.0		
3.30	21.4	23.9	29.7	36.0	36.0	36.0	36.0	36.0
3.40	19.9	21.8	28.4	34.2	35.7	36.0	36.0	36.0
3.50	18.1	19.8	27.0	30.7	33.9	36.0	36.0	36.0
3.60			25.3	28.6	32.3	36.0	36.0	36.0
3.70			23.6	26.1	30.8	35.3	36.0	36.0
3.80			22.0	24.2	29.1	32.7	36.0	36.0
3.90			20.4	22.5	27.3	30.0	36.0	36.0
4.00			18.9	20.7	25.5	27.8	36.0	36.0
4.10					23.9	26.1	36.0	36.0
4.20					22.4	24.2	36.0	36.0
4.30					21.0	22.8	35.6	36.0
4.40					19.7	21.2	33.6	36.0
4.50					18.3	19.7	31.6	34.2
4.60							29.3	32.1
4.70							28.0	30.0
4.80							26.5	28.4
4.90							25.1	26.8
5.00							23.8	25.4
5.10							22.6	24.0
5.20							21.4	22.7
5.30							20.3	21.6
5.40							19.1	20.4
5.50							18.1	19.1

Permissible prop load [kN] according to type test										
Extension length [m]	PEP 30-150 L = 0.96 – 1.50 m		PEP 30-250 L = 1.46 – 2.50 m		PEP 30-300 L = 1.71 – 3.00 m		PEP 30-350 L = 1.96 – 3.50 m		PEP 30-400 L = 2.21 – 4.00 m	
	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube
1.00	36.4	36.4								
1.10	36.4	36.4								
1.20	36.4	36.4								
1.30	35.9	36.4								
1.40	35.3	36.4								
1.50	34.5	36.4	42.9	42.9						
1.60			42.9	42.9						
1.70			42.9	42.9						
1.80			42.1	42.9	42.9	42.9				
1.90			39.7	42.9	42.9	42.9				
2.00			37.9	42.9	42.9	42.9	45.5	45.5		
2.10			36.4	42.9	42.9	42.9	45.5	45.5		
2.20			35.5	42.9	42.9	42.9	45.5	45.5		
2.30			34.3	41.5	42.9	42.9	45.5	45.5	41.5	41.5
2.40			33.1	38.7	42.7	42.9	45.5	45.5	41.5	41.5
2.50			31.0	35.9	41.1	42.9	45.5	45.5	41.5	41.5
2.60					40.0	42.9	45.5	45.5	41.5	41.5
2.70					38.5	42.9	45.5	45.5	41.5	41.5
2.80					36.9	41.6	45.5	45.5	41.5	41.5
2.90					34.2	38.3	45.0	45.5	41.5	41.5
3.00					31.3	34.8	43.6	45.5	41.5	41.5
3.10							41.4	44.2	41.5	41.5
3.20							38.7	42.1	41.5	41.5
3.30							36.1	38.7	41.5	41.5
3.40							33.3	35.7	41.5	41.5
3.50							30.7	32.5	41.5	41.5
3.60									41.5	41.5
3.70									41.3	41.5
3.80									38.5	41.3
3.90									35.9	38.1
4.00									33.2	34.9
4.10										
4.20										
4.30										
4.40										
4.50										

Notes:

- All PEP 30 Props conform to DIN EN 1065 Class E, i.e. the permissible prop load for all extension lengths is at least 30 kN.
- When using PERI Slab Tables, the permissible load for all PEP 30 Props is a minimum of 40 kN (PEP 30-150 = 35 kN) over the entire extension range due to the clamping in the Table Swivel Head or UNIPORTAL Head.

PEP 30 with Base MP 50

Permissible prop load [kN] according to type test								
Total length [m] (extension length + 50 cm)	**PEP 30-250 with MP 50**		**PEP 30-300 with MP 50**		**PEP 30-350 with MP 50**		**PEP 30-400 with MP 50**	
	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube	Lower Outer Tube	Lower Inner Tube
1.00								
1.10								
1.20								
1.30								
1.40								
1.50								
1.60								
1.70								
1.80								
1.90								
2.00	36.0	36.0						
2.10	36.0	36.0						
2.20	36.0	36.0						
2.30	36.0	36.0	36.0	36.0				
2.40	36.0	36.0	36.0	36.0				
2.50	35.0	36.0	36.0	36.0	36.0	36.0		
2.60	33.2	36.0	36.0	36.0	36.0	36.0		
2.70	31.8	36.0	36.0	36.0	36.0	36.0		
2.80	30.6	36.0	36.0	36.0	36.0	36.0	36.0	36.0
2.90	28.4	32.3	36.0	36.0	36.0	36.0	36.0	36.0
3.00	26.7	28.5	36.0	36.0	36.0	36.0	36.0	36.0
3.10			36.0	36.0	36.0	36.0	36.0	36.0
3.20			33.9	36.0	36.0	36.0	36.0	36.0
3.30			32.1	34.2	36.0	36.0	36.0	36.0
3.40			29.4	31.2	36.0	36.0	36.0	36.0
3.50			26.9	27.9	36.0	36.0	36.0	36.0
3.60					35.8	36.0	36.0	36.0
3.70					33.4	34.5	36.0	36.0
3.80					30.9	31.8	36.0	36.0
3.90					28.6	29.6	36.0	36.0
4.00					26.3	27.1	36.0	36.0
4.10							36.0	36.0
4.20							35.3	36.0
4.30							33.0	33.9
4.40							30.8	31.4
4.50							28.4	29.0

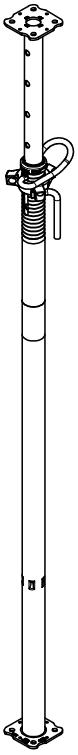
PEP Ergo Slab Props

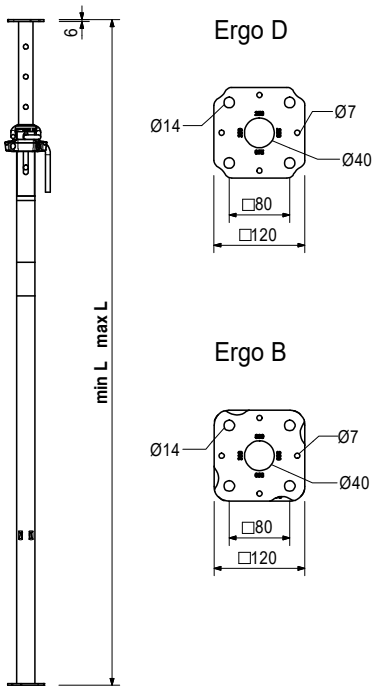
Art no.	Weight [kg]		D [mm]	min. L [mm]	max. L [mm]
		Slab Props PEP Ergo			
116780	14.000	**Slab Prop PEP Ergo B-300**	60.6	1970	3000
116790	15.600	**Slab Prop PEP Ergo B-350**	60.6	2250	3500
117230	9.110	**Slab Prop PEP Ergo D-150**	60.6	980	1500
116770	13.100	**Slab Prop PEP Ergo D-250**	60.6	1470	2500
131360	15.900	**Slab Prop PEP Ergo D-300 +**	60.6	1790	3000
131111	19.200	**Slab Prop PEP Ergo D-350 +**	71	2080	3500
125140	22.900	**Slab Prop PEP Ergo D-400**	76.5	2510	4000
125150	30.400	**Slab Prop PEP Ergo D-500**	83	3260	5000
131104	19.300	**Slab Prop PEP Ergo E-300 +**	76.5	1790	3000
131085	21.700	**Slab Prop PEP Ergo E-350 +**	76.5	2080	3500
125170	26.600	**Slab Prop PEP Ergo E-400**	83	2510	4000

Slab prop made of steel.

Notes

Permissible load: see PERI Design Tables.





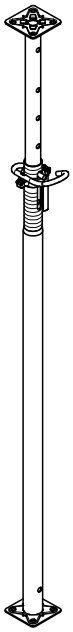
PEP Ergo Slab Props

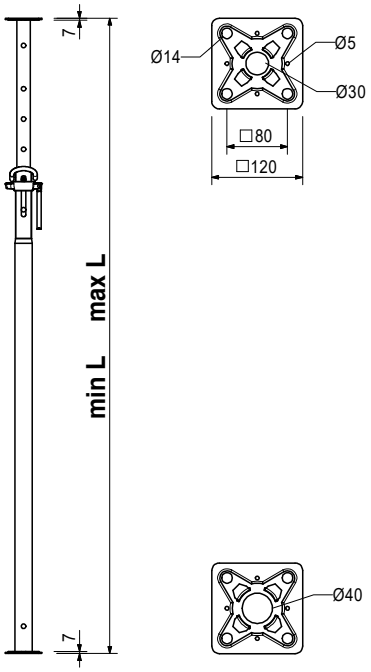
Art no.	Weight [kg]	
		Slab Props PEP 10
406434	10.100	**Slab Prop PEP 10-250 A**
406433	11.500	**Slab Prop PEP 10-300 A**
406432	13.400	**Slab Prop PEP 10-350 A**
406429	14.900	**Slab Prop PEP 10-400 A**

Lightweight slab prop made of steel.

Notes

Permissible load: see PERI Design Tables.





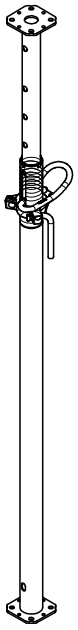
PEP Ergo Slab Props

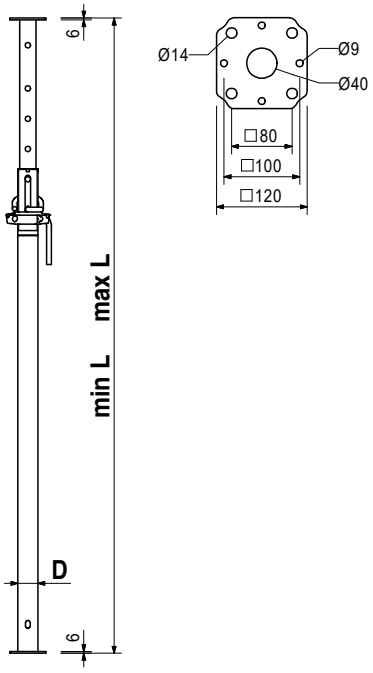
Art no.	Weight [kg]		D [mm]	min. L [mm]	max. L [mm]
		Slab Props PEP 20			
103058	16.100	**Prop Pep 20-300**	66	1710	3000
103059	19.600	**Prop PEP 20-350**	71.5	1960	3500
103060	22.900	**Prop Pep 20-400**	75.5	2210	4000
103061	30.600	**Prop Pep 20-500**	84	2710	5000

Slab prop made of steel.

Notes

Permissible load: see PERI Design Tables.





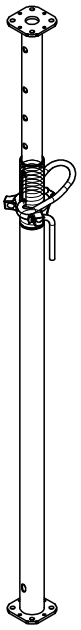
PEP Ergo Slab Props

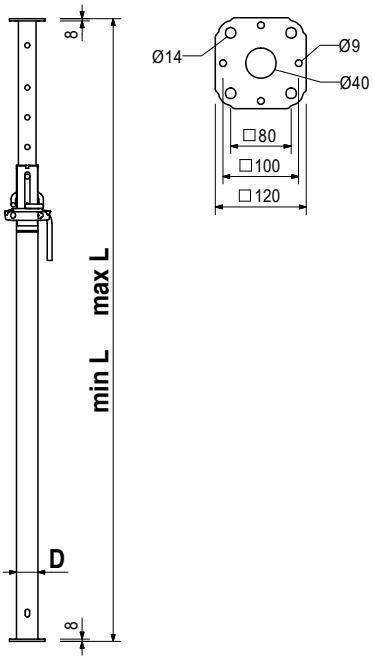
Art no.	Weight [kg]		D [mm]	min. L [mm]	max. L [mm]
		Slab Props PEP 30			
103066	10.800	**Prop PEP 30-150**	66	960	1500
103067	15.400	**Prop Pep 30-250**	66	1460	2500
103062	19.000	**Prop Pep 30-300**	71.5	1710	3000
103063	23.100	**Prop Pep 30-350**	75.5	1960	3500
103065	27.500	**Prop PEP 30-400**	84	2210	4000

Slab prop made of steel.

Notes

Permissible load: see PERI Design Tables.



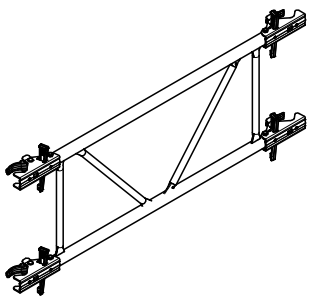


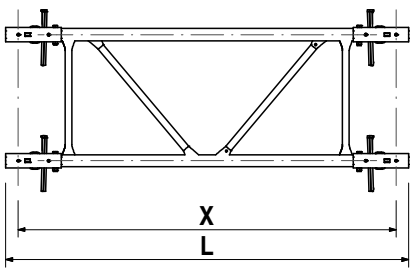
Art no.	Weight [kg]		L [mm]	X [mm]
		PEP Frame PRK ST		
111811	13.600	**PEP Frame PRK 62,5 ST**	723	625
111812	13.900	**PEP Frame PRK 75 ST**	848	750
112813	15.900	**PEP Frame PRK 100 ST**	1098	1000
112814	17.800	**PEP Frame PRK 120 ST**	1298	1200
111813	19.200	**PEP Frame PRK 137,5 ST**	1473	1375
111814	20.100	**PEP Frame PRK 150 ST**	1598	1500

Stiffening frame for Slab Props PEP. Complete with captive wedge coupling.

Notes

L = Loading Length
X = Axis Length





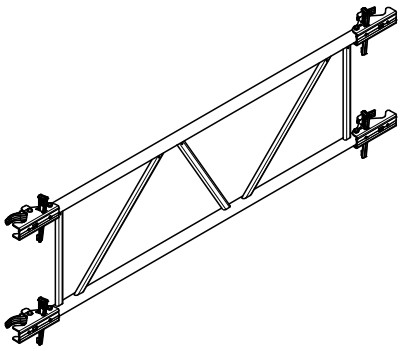
PEP Ergo Slab Props

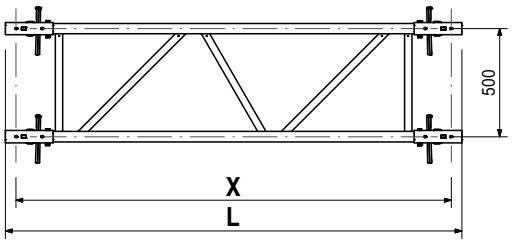
Art no.	Weight [kg]		L [mm]	X [mm]
		PEP Frame PRK AL		
112718	15.300	**PEP Frame PRK 200 AL**	2098	2000
111815	15.400	**PEP Frame PRK 201,5 AL**	2113	2015
112788	15.600	**PEP Frame PRK 210 AL**	2198	2100
111816	16.100	**PEP Frame PRK 225 AL**	2348	2250
111817	16.300	**PEP Frame PRK 230 AL**	2398	2300
111818	17.700	**PEP Frame PRK 266 AL**	2758	2660
111819	18.700	**PEP Frame PRK 296 AL**	3058	2960

Stiffening frame for Slab Props PEP. Complete with captive wedge coupling.

Notes

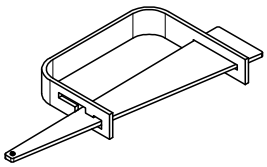
L = Loading Length
X = Axis Length

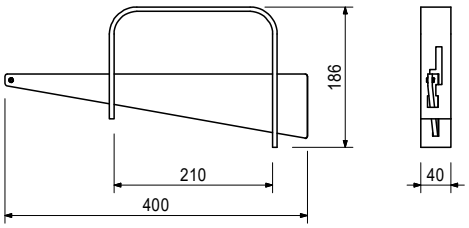




Art no.	Weight [kg]	
027940	1.840	**Brace Clamp Ø48-76mm**

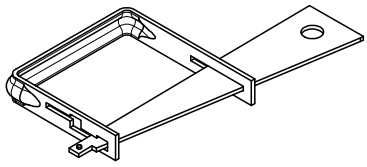
For assembly of 3 x 15 cm stiffening boards at Slab Props Ø 48 – 76 mm.

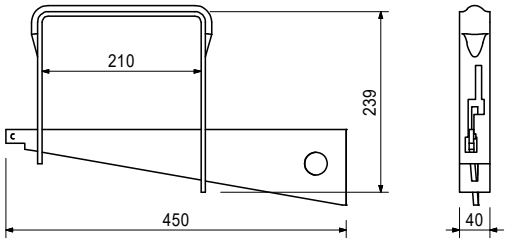




Art no.	Weight [kg]	
027790	2.460	**Brace Clamp Ø76-120mm**

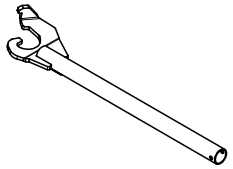
For assembly of 3 x 15 cm stiffening boards at Slab Props Ø 76 – 89 mm and 100 x 100 mm to 120 x 120 mm.

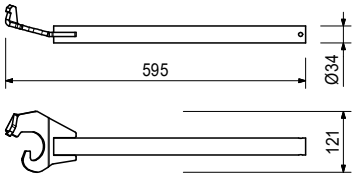




Art no.	Weight [kg]	
118345	1.500	**Wing Nut Spanner PEP**

Allows effortless loosening of the adjusting nut with maximum loaded props.



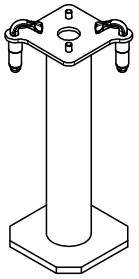


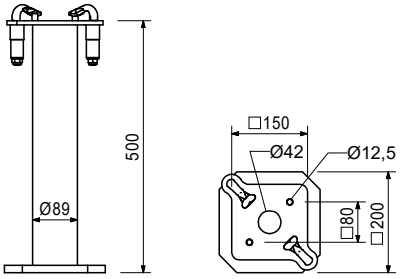
Art no.	Weight [kg]	
027310	8.950	**Base MP 50**

For use with slab props with an end plate thickness of 6 – 10 mm. With clamped quick-release fastener.

Notes

Permissible load: see PERI Design Tables.



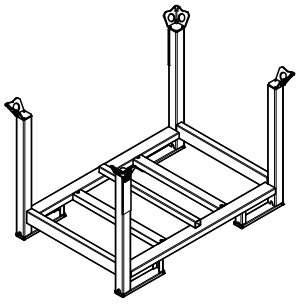


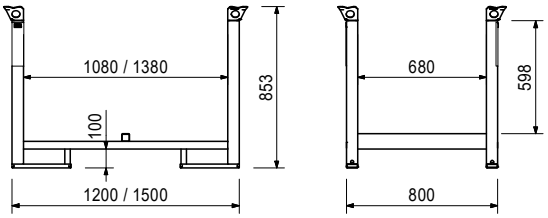
Art no.	Weight [kg]		L [mm]
		Pallet RP ga	
103434	38.500	**Pallet RP 80x120/2 ga**	1200
103429	45.300	**Pallet RP 80x150/2 ga**	1500

For stacking and transportation of formwork and scaffolding components.

Notes

Follow Instructions for Use!
Permissible load-bearing capacity 1.5 t.



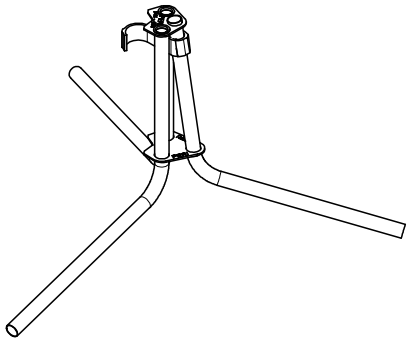


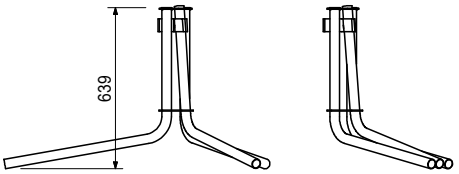
Art no.	Weight [kg]	
107152	5.810	**Tripod Ø44-64mm**

Erection aid for PEP Ergo Slab Props with Ø 44 – 64 mm.

Notes

Only use as erection aid!



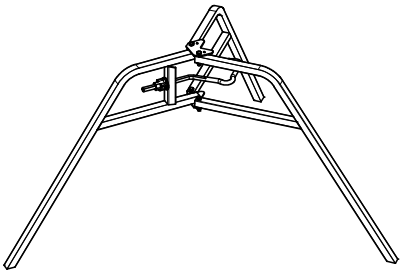


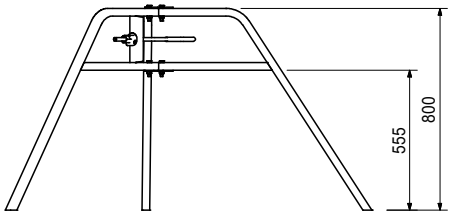
Art no.	Weight [kg]	
028000	9.190	**Universal Tripod Ø57-120mm**

Erection aid for slab props with Ø 57 – 120 mm and 120 x 120 mm. Can also be used in combination with MULTIPROP MP Slab Props and all slab props with Base MP 50.

Notes

Only use as erection aid!





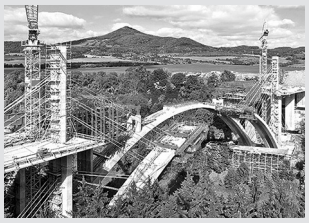
The optimal System for every Project and every Requirement

Wall Formwork

Column Formwork

Slab Formwork

Climbing Systems



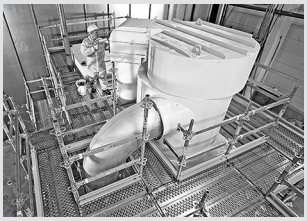
Bridge Formwork

Tunnel Formwork

Shoring Systems

Construction Scaffold

Facade Scaffold



Industrial Scaffold

Access

Protection Scaffold

Safety Systems

System-Independent Accessories

Services

PERI Norge AS
Forskaling Stillas Engineering
Orhusveien 6
3070 Sande i Vestfold
Norge
Tel. +47 32 20 49 40
info@peri.no
www.peri.no

EN Int Version 2.0 | DO-13-0057255 © PERI SE