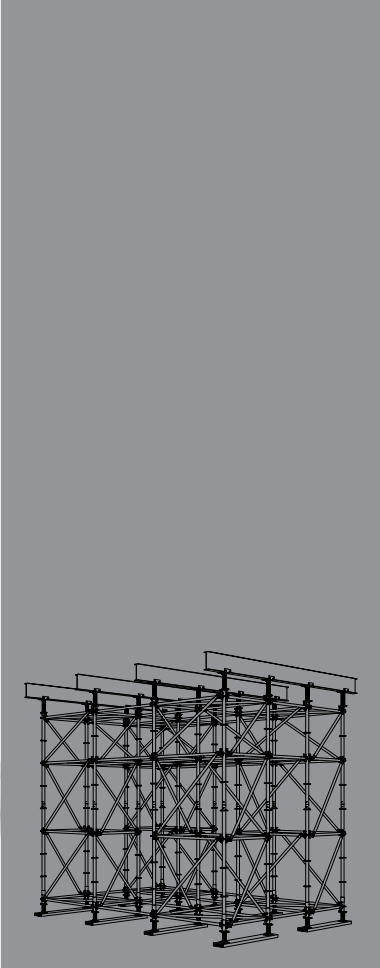
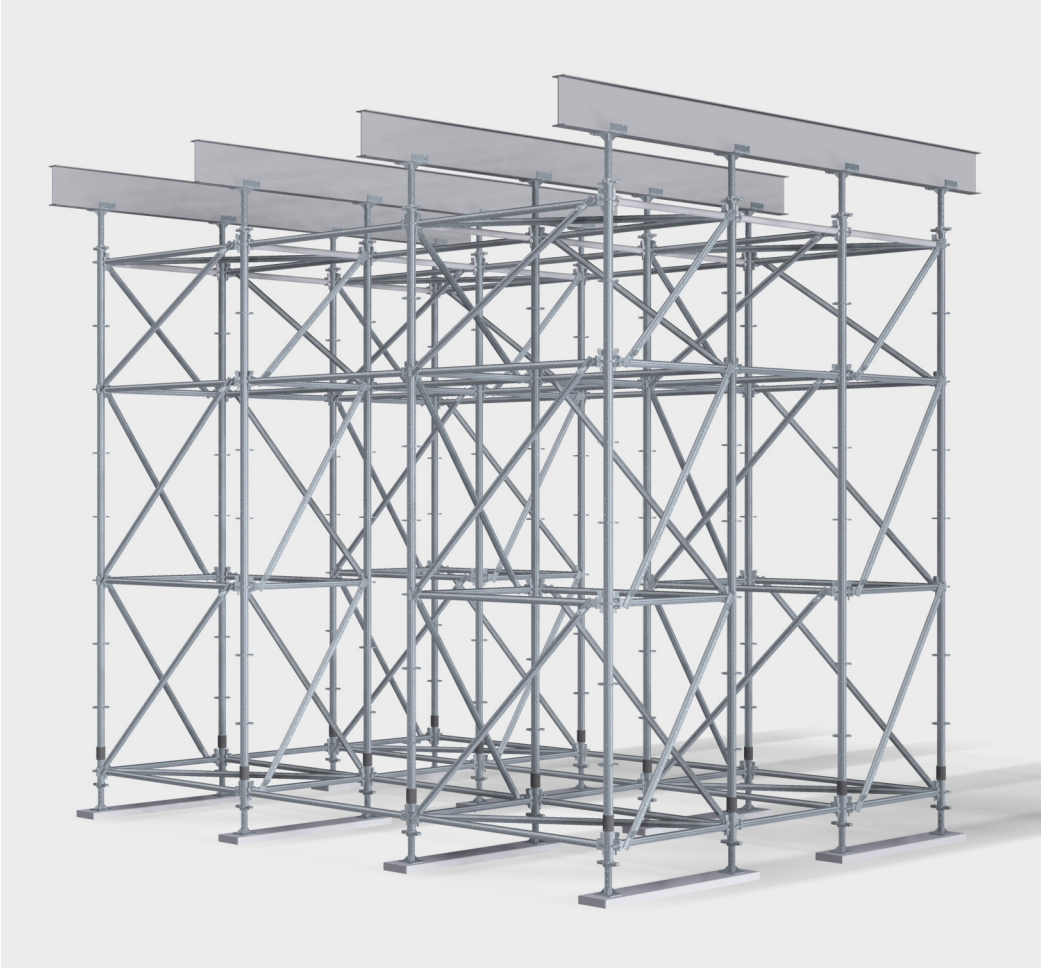


QUICKSHORE

High Load Shoring System

80kN per leg

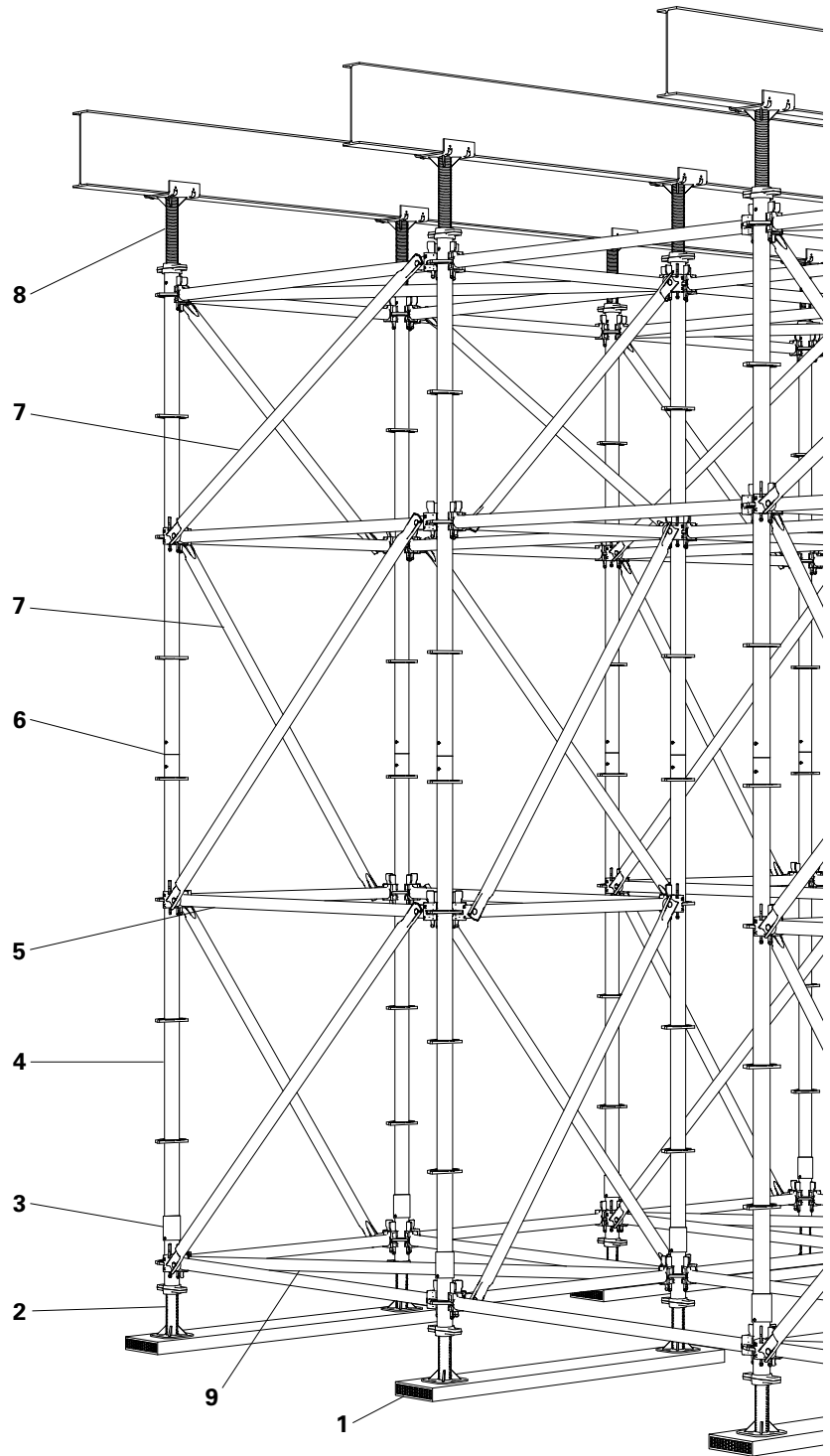
Instructions for Assembly and Use – Standard Configuration – Issue 02/2022
(for use in South Africa / Sub-Sahara Africa ONLY)



Overview

Main components

- 1 Sole Boards
- 2 Base Jack
- 3 Base Socket
- 4 Standard
- 5 Ledger
- 6 Internal Spigot Coupler
- 7 Vertical Brace
- 8 U-Head Jack
- 9 Plan Brace



QUICKSHORE High Load Shoring System 80 kN per leg
Instructions for Assembly and Use – Standard Configuration
(for use in South Africa / Sub-Sahara Africa **ONLY**)












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
Overview

Key

Pictogram | Definition

-  Safety instructions
-  Note
-  Load-bearing point
-  Visual check
-  Tip
-  Misapplication
-  Safety helmet
-  Safety shoes
-  Safety gloves
-  Safety glasses
-  Personal protective equipment to prevent falling from a height (PPE)

Arrows in the illustrations

-  Arrow representing an action
-  Forces
-  Arrow representing a reaction to an action *

* 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. Safety instructions are featured at the beginning of the section or ahead of the instructions, and are highlighted as follows:

DANGER

This sign indicates an extremely hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

This sign indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

This sign indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTE

This sign indicates warning of situations whereby failure to observe the information can result in material damage.

Setup of the safety instructions

SIGNAL WORD

Type and source of the danger!
Consequences of non-compliance.
⇒ Avoidance measures.

Dimensions

Dimensions are usually given in mm. 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, detailed illustrations are sometimes incomplete. The safety installations which have possibly not been shown in these detailed illustrations must nevertheless be available.

Introduction

Target groups

Contractors

These Instructions for Assembly and Use are designed for contractors who use the scaffolding for

- assembling, modifying and dismantling, or use
- it e.g. for concreting or
- who have it used, e.g. for shoring of horizontal and inclined soffit form-work.

Competent person

(Construction Site Coordinator)

The 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 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.

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

Competent person qualified to carry out inspections

Due to the specialist knowledge gained from professional training, work experience and recent professional activity, the competent person qualified to carry out inspections has a reliable understanding of safety-related issues and can correctly carry out inspections.

In accordance with the Occupational Health and Safety Act / Construction Regulations this person must be appointed by the contractor in writing, this person can not be an employee of PERI, but a person who oversees the erection of the equipment or someone reporting to this person and being deemed a "competent person".

Qualified persons

The scaffolding may only be assembled, or dismantled by personnel who are suitably qualified to do so. For the work to be carried out, the qualified persons** must have received instructions** covering at least the following points:

- Explanation of the plan for the assembly, or dismantling of the scaffolding in an understandable form and language.

* Valid in South Africa: Occupational Health and Safety Act, 1993 - Construction Regulations 2014.

- Description of the measures in order to safely assemble, or dismantle the scaffolding.
- Designation of the preventive measures to avoid the risk of persons and objects falling to the ground.
- Designation of the safety precautions in the event of changing weather conditions which could adversely affect the safety of the scaffolding as well as the personnel concerned.
- Details regarding the permissible loads.
- Description of any other risks that are associated with the assembly, modification or dismantling procedures.



- **In other countries, ensure that the relevant national guidelines and regulations in the respective current version are complied with!**
- **If no country-specific regulations are available, it is recommended to proceed according to German rules and regulations.**
- **A competent person must be present on site during erection, pouring of concrete and dismantling operations.**

** Instructions are given by the contractor or a competent person appointed by the contractor.

Presentational reference

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 accordingly for all component sizes contained in the standard configuration.

For a better understanding, detailed illustrations are partly incomplete. The safety installations which have possibly

not been included in these detailed drawings must nevertheless still be available.

Introduction

Intended use

Product description

The QUICKSHORE High Load Shoring System is used on projects in the industrial and commercial sectors only by suitably trained and competent personnel.

Shoring handles static loads and is not suitable for lifting or lowering components and constructions.

The QUICKSHORE High Load Shoring System allows for a large range of project specific application possibilities.

As a result a result of the building specific risk assessment, (RSA - Occupational Health and Safety Act and Construction Regulations), there are a number of ways to ensure reliable assembly and working safety when using the QUICKSHORE High Load Shoring System.

Features

The QUICKSHORE High Load Shoring System is used for:

- falsework (supporting formwork) i.e. a structure on which soffit formwork is placed.
- propping of structures where grids are erected to provide additional support / assist with columns, ect.
- pre-propping / re-propping, where temporary supports are required to support concrete structures until such time as the concrete structure has gained sufficient strength to support its designed weight.

Components not supplied by PERI must conform with construction standards and guidelines. If nothing is specified the following to apply:

- Timber: In accordance with SANS 1396
- Scaffold tube: min. dimensional size Ø60,2 x 3,2 mm in accordance with SANS 657-1
- Scaffold tube couplings: to be in accordance with EN 74.

Any deviations to the standard configuration may only be approved after a separate risk assessment has been compiled and completed by the contractor (user). On this basis appropriate measures for the working safety and stability are to be implemented.

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

To erect the QUICKSHORE High Load Shoring System, standards are connected with ledgers, which are easily assembled as the wedge lies flat on the Ledger tube behind the cast end fitting, and uses a gravity-drop, self-locating design, and creating true nodal connections.

Ledgers can be connected at angles up to 30° enabling shoring for circular forms.

Technical data

All loads shown in this document are achieved with properly maintained equipment, that meets strict inspection and maintenance criteria and conforms to the relevant codes and regulations.

All standards constructed from Ø 60,2 x 3,2 mm tube.

All Ledgers in lengths constructed from Ø48,4 x 2,3 mm tube.

All jack stems constructed from Ø48,2 x 5,0 mm tube with rolled threads.

Couplers with screw closure have to be tightened with 70 Nm. This corresponds to a force of 20 kg using a lever arm length of 25 cm.

Wedge couplers are to be securely fitted using a 500 g hammer.

Equipment layouts in this document are examples only and should not be replicated on site.

All components must be inspected by a qualified person nominated by the scaffolding contractor.

Instructions for Use

The use of the system 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.

Deviations from the standard configuration must be verified for the application by means of separate strength and stability calculations (Industrial Safety Regulation Appendix 1, No. 3.2.1) and explicitly reflected in the assembly instructions.

Only PERI original components may be used. The use of other products and spare parts is not allowed.

Introduction

Safety instructions



Safety instructions apply to all phases of the system.

General

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. However, these Instructions for Assembly and Use do not replace the risk assessment!

Refer to and comply with the safety instructions and permissible loads.

The contractor (user) must ensure the system's stability during all stages of construction.

The contractor (user) must ensure and verify that all loads are safely transferred.

For the application and inspection of PERI products, the current safety regulations and guidelines valid in the respective countries must be observed. Materials and working areas are to be inspected before each use and assembly for:

- damage,
- stability and
- functional correctness.

Damaged components must be exchanged immediately on site and may no longer be 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

Moving, Transportation and Storage

Store and transport components ensuring that no unintentional change in their position is possible. Detach lifting accessories and slings 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 lifting accessories and slings and only those load-bearing points provided on the component.

During the relocation procedure

- Ensure that the components are picked up and set down so that unintentional falling over, falling apart, sliding, falling down or rolling is avoided
- No persons are allowed to remain under the suspended load.

Always guide pre-assembled scaffold bays, scaffolding units or scaffolding sections 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 base must have sufficient load-bearing capacity.

Use of pallets, baskets is recommended to prevent loose articles from falling, or going missing during transportation, when stacking it is recommended to stack three up only when on solid, level grounding.

Assembly, modification and dismantling work

Assembly, modification or dismantling of shoring systems may only be carried out by qualified persons under the supervision of a competent person. The qualified personnel must have received appropriate training for the work to be carried out with regards to specific risks and dangers.

On the basis of the risk assessment and The Instructions for Assembly and Use, the contractor must create installation instructions to ensure safe assembly, modification and dismantling of the shoring system.

The contractor must ensure that the personal protective equipment required for assembly, modification or dismantling of the shoring system such as:



- safety helmets,
 - safety shoes,
 - safety gloves,
 - safety goggles,
- is available and used as intended.

If personal protective equipment against falling from a height is required or specified in local regulations, the contractor must determine appropriate attachment points on the basis of the risk assessment.

The PPE against falling to be used is determined by the contractor or safety officer appointed.

The contractor must:

- provide safe working areas for site personnel, which are to be reached through the provision of safe access ways. Areas of risk must be cordoned off and clearly marked.
- Ensure stability during all stages of construction, in particular during assembly, modification and dismantling operations.
- Ensure and provide evidence that all loads that occur are transferred safely.

Use

Every contractor who uses or allows the scaffolding system to be used, is responsible for ensuring that the equipment is in working condition.

If the scaffold system is used successively or at the same time by several contractors, the appointed safety officer must point out any possible hazards and all work must be coordinated.

Introduction

System-specific

Retract components only when the concrete has sufficiently hardened and the person appointed has given the go-ahead for striking to take place in writing.

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

The load-distributing support used e.g. planking, must match the respective base. If multiple layers are required, planks are to be arranged crosswise.

General - substrate



- The QUICKSHORE High Load Shoring System must be assembled on a sufficient load-bearing and flat substrate.
- In each individual case, the substrate must be selected according to the local circumstances and, if necessary, verified by means of a static calculation.
- Any differences in the settlement of the corner standards are not taken into consideration in the proof of stability.

Vertical leg Loads



- Determine the vertical leg loads in each individual case.
- The leg loads must be accommodated by the base level with the required degree of safety.

Assembly



- The shoring system is recommended to be assembled in the vertical position.
- A crane may be used for subsequent placement of the shoring system.

Cleaning and maintenance instructions

Clean components after each use to maintain the value and usability of the PERI products over the long term.

Some repair work may also be inevitable due to the tough working conditions. The following points should help to keep cleaning and maintenance costs as low as possible.



The contractor must ensure that the PPE required for cleaning, maintenance work such as:

- safety helmets
 - safety shoes
 - safety gloves
 - safety goggles
- is available and used as intended.

Do not clean powder-coated or galvanized components with steel brushes or metal scrapers.

Mechanical components, e.g. spindles, 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 a crane.

Any repairs to PERI products are to be carried out by PERI qualified personnel only.

Connectivity

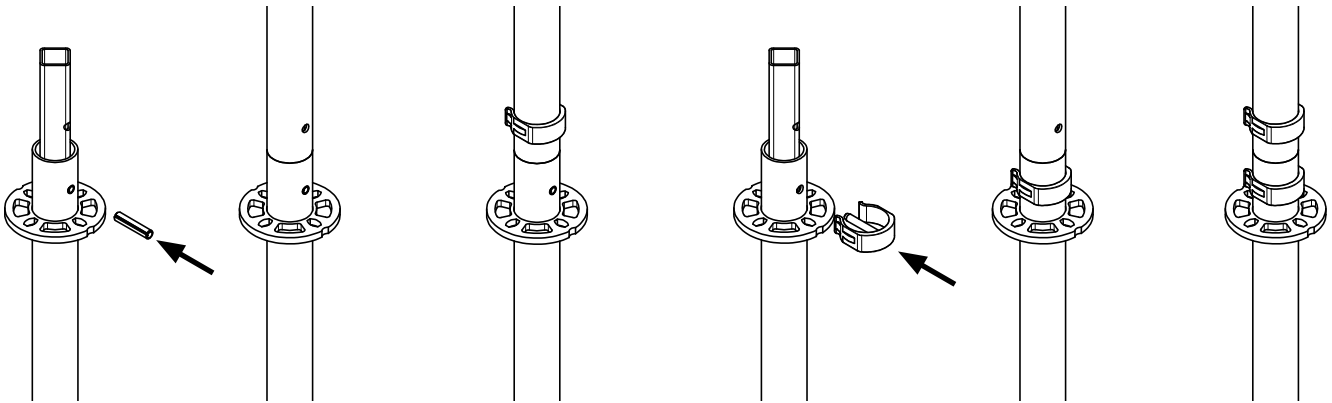
Standard connections

Easy assembly

- The internal spigot coupler may be pre-assembled for delivery, using the spring pin, thus eliminating small loose components.
- The omega clip can also be inserted to facilitate crane lifting of towers, eliminating the need to dismantle and re-erect.
- The omega clip can also be used for assembly on the project if pre-assembled internal spigot couplers with standards are not ordered.

Ring connectivity

- The QUICKSHORE system utilizes a ring design for node connections, and allows for ledgers to be connected at a max. of 30° enabling simple erection of circular scaffolds.
- The ring design also allows for eight point connections, making this a truly nodal connection point.

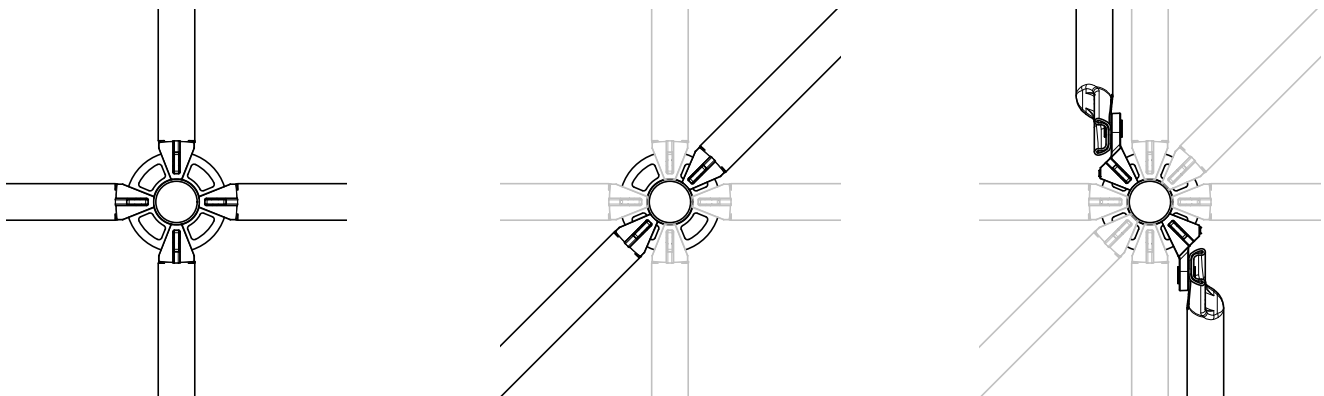


Pre-assembly

factory fitted internal spigot with spring pin, and omega clip for crane lifting of towers

Assembly on project by contractor

Omega clip used to secure the internal spigot coupler to the standard, and also positioned for crane lifting of towers.



Ring connectivity

All ledgers correctly fitted at node point.

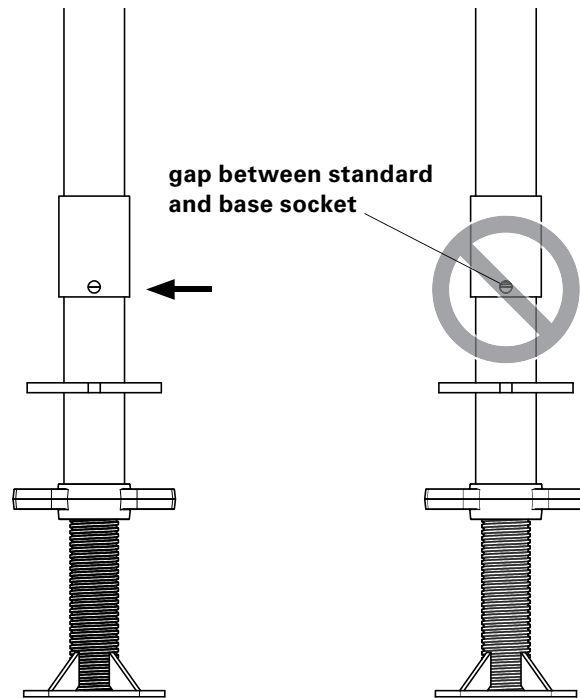
Plan bracing correctly connected at the node point.

Diagonal bracing correctly connected at the node point.(full eight point connection shown)

Connectivity

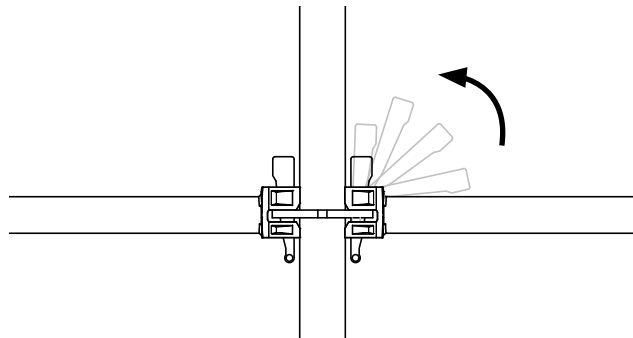
General

- The QUICKSHORE system is only required to be assembled in free standing towers, and interconnected by horizontal members, thus saving considerable time when compared with traditional fully ledgered and braced 'birdcage' layouts.
- One person erection is possible as the ledger fits over the ring, and the wedge of the ledgers lies flat on the top of the ledger tube behind the end casting.
- It is important to ensure that the standards are seated correctly within the base socket, the base socket design has a hole drilled in the cup for this purpose of quick checks.



Seating of standards

Check the seating of the standard to the base socket via the inspection hole in the base socket, if the standard is not visible or there is a gap, do not continue.



Placement of ledgers

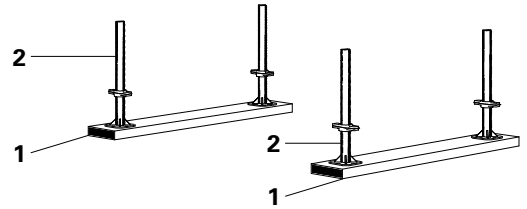
The possibility of the wedge lying on the top of the tube of the ledger enables one person erection.

A1 Assembly

Standard configuration

A1.1 Setting out

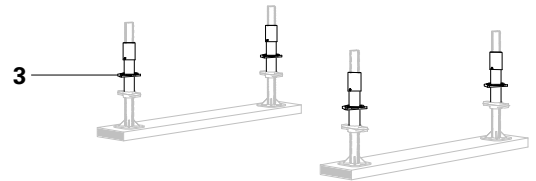
1. Locate the setting out point (SOP) as indicated on the approved design drawing.
2. Place the sole boards (1) parallel on a prepared, flat surface (sole boards are not always required if a concrete founding is in place).
3. Place four pre-adjusted base jacks (2) on the sole boards, ensure that the placement is done centrally on the sole boards.



A1.2 Base

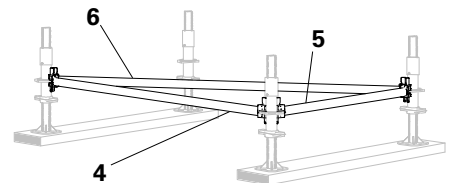
1. If required fix the base jacks to the sole boards via the nail holes in the base plate of the base jacks.
2. Place a base socket (3) over each pre-adjusted base jack.

- Ensure that the connecting ring on the base socket aligned in the same direction,
- Ensure that base sockets are used and not socket 250, base sockets are identified by having the cup colour coded red.



A1.3 Squaring of the Base

1. Place a ledger (4) between two base sockets, and another ledger (5) at right angles to the first. At this point do not secure the wedges of either ledgers.
2. Place a plan brace (6) so it creates a triangle. Now secure the wedges of the ledgers and plan brace.

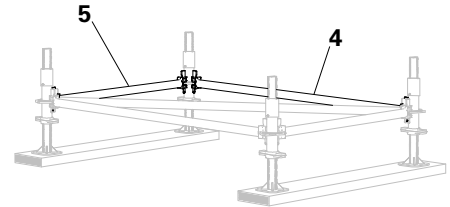


- Secure wedges with a 500g hammer.
- Always use correct PPE, hard hats, gloves, eye protection, safety shoes, etc.

A1 Assembly

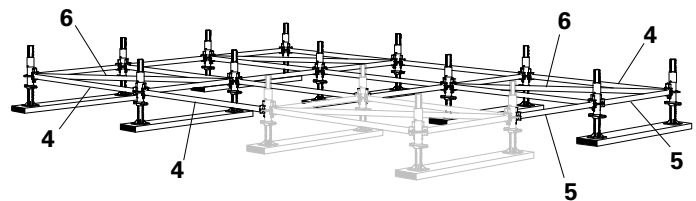
A1.4 Completing Base Bay

1. Attach ledgers ((4)(5) and complete the bay.
2. At this point you can level the bay, all ledgers are on the same level making leveling easier and quicker.



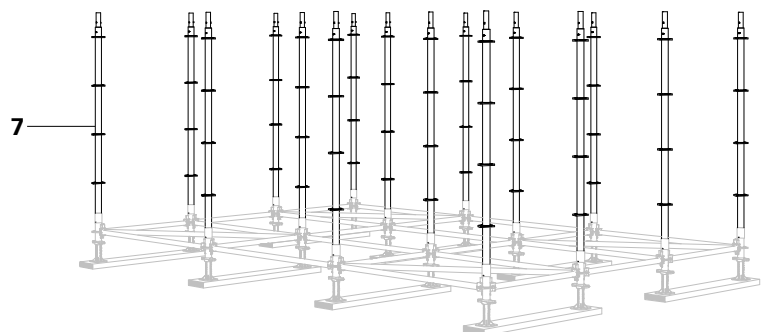
A1.5 Expanding Shoring Bays

1. Follow steps A1.1 to A1.4, placing ledgers (4) (5) in both directions, then creating completed bays, with plan braces (6). Repeat the process until the shoring for the specified area is complete.
2. Level each bay when completed, ensuring that all bays are level with the first.
3. Always follow the approved design drawings submitted.



A1.6 Moving vertically

1. As bays are completed and levelled, place standards (7) over the base jacks and base sockets. Ensure that all standards are pre-fitted with internal spigot couplers, if shoring has multiple lifts.

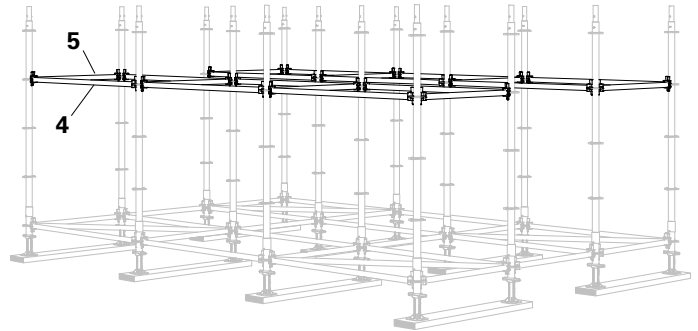


Refer to section Connections on pre-assembled standards, internal spigot connectors may also be fitted on site.

A1 Assembly

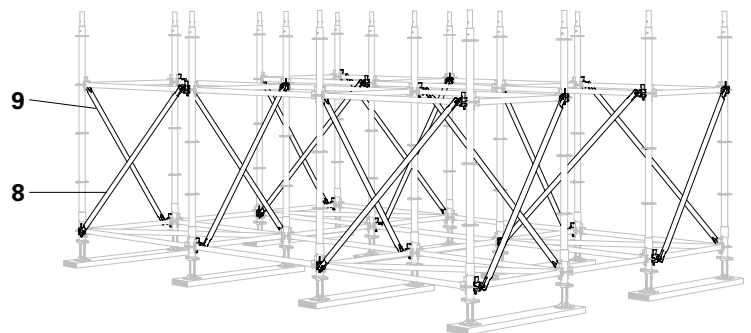
A1.7 Adding next level of ledgers

1. place the next level of ledgers (4) (5) as indicated on the approved design drawing, note that ledgers for shoring vertically may not be placed more than 1,5m from the previous.
2. Secure all wedges by hammering in the captive wedges, using a 500g hammer.



A1.8 Installation of vertical bracing

1. Follow the approved design drawing submitted, and only add the vertical bracing (8) (9) on the bays that have had the plan bracing inserted or as shown on the design.
2. Secure all wedges by hammering in the captive wedges using a 500g hammer.

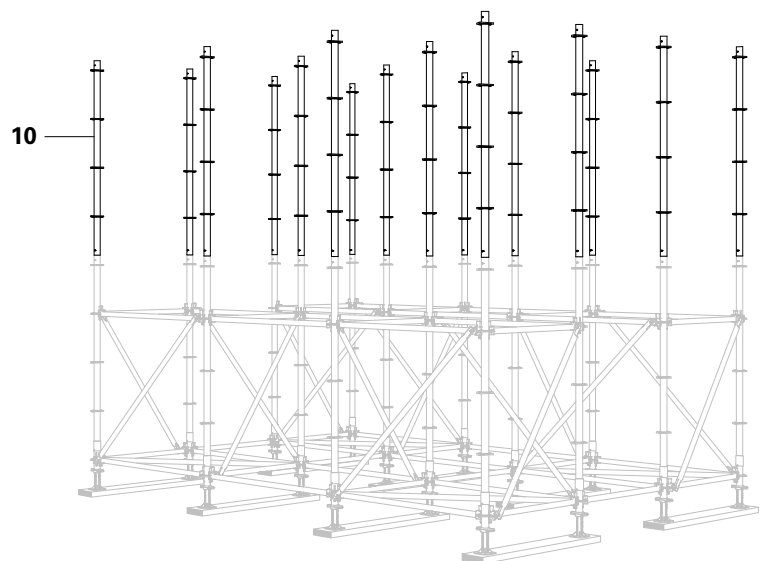


A1.9 Installation of second lift

1. Place standards (10) over the internal spigot connectors. Refer to section Connections if the shoring will at some time be lifted in section.



- Use the correct PPE when working at heights.
- Utilize non-tilt steel hook-on-boards to assist with fitting of second lift standards.



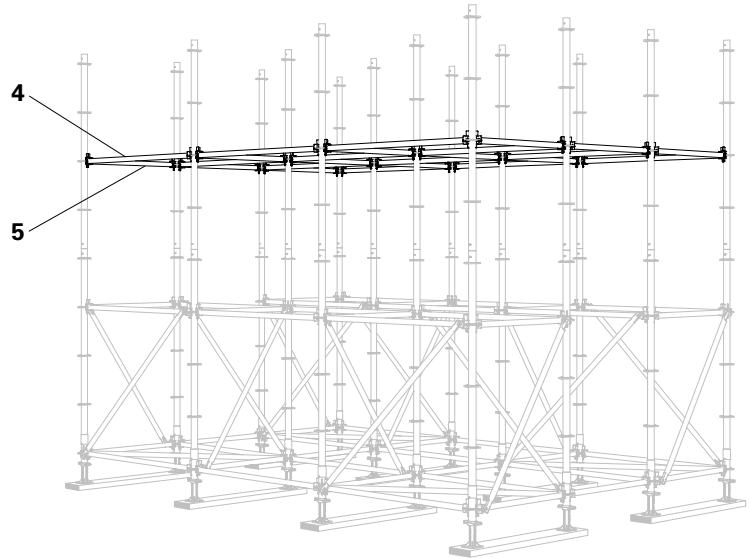
A1 Assembly

A1.10 Installation of second lift horizontals

1. Follow steps as per A1.7,
2. Use non-tilt steel hook-on-boards to create a safe level to work from when installing the ledgers (4) (5).
3. Secure all wedges by hammering in the captive wedges with a 500g hammer.

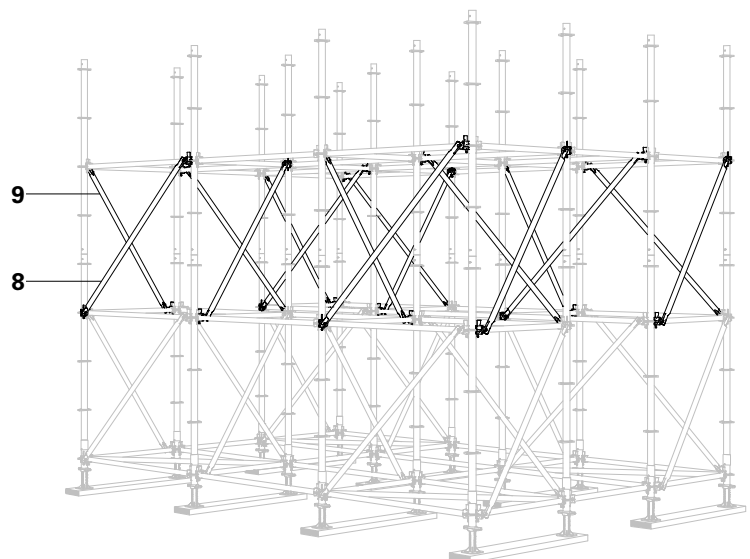


If this is the last vertical lift, ensure that standards are used that do not have pre-assembled internal spigots fitted to prevent delays on the project.



A1.11 Installation of second lift vertical bracing

1. Place vertical braces (8) (9) as per A1.8
2. Secure all wedges by hammering in the captive wedges with 500g hammer.



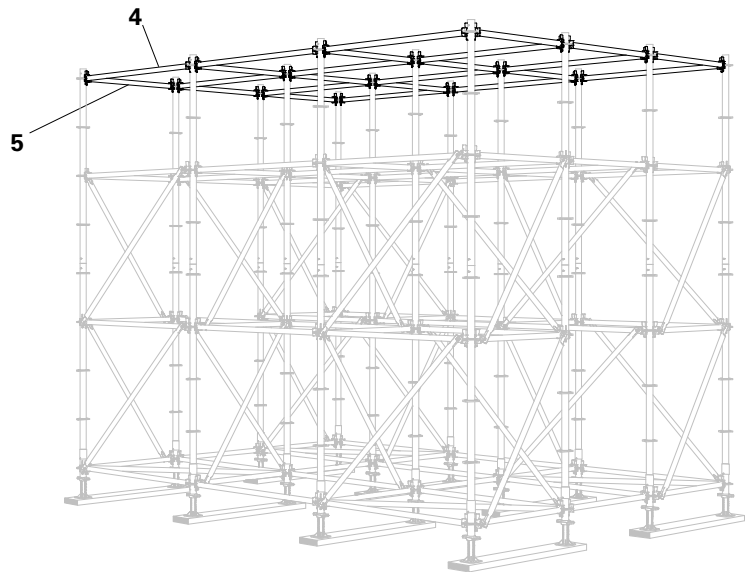
A1 Assembly

A1.12 Final level of ledgers

1. Insert ledgers (4) (5) on the upper most ring.
2. Secure all wedges by hammering the captive wedges with a 500g hammer.



- The upper most ring must always have a level of ledgers inserted regardless of vertical spacing.

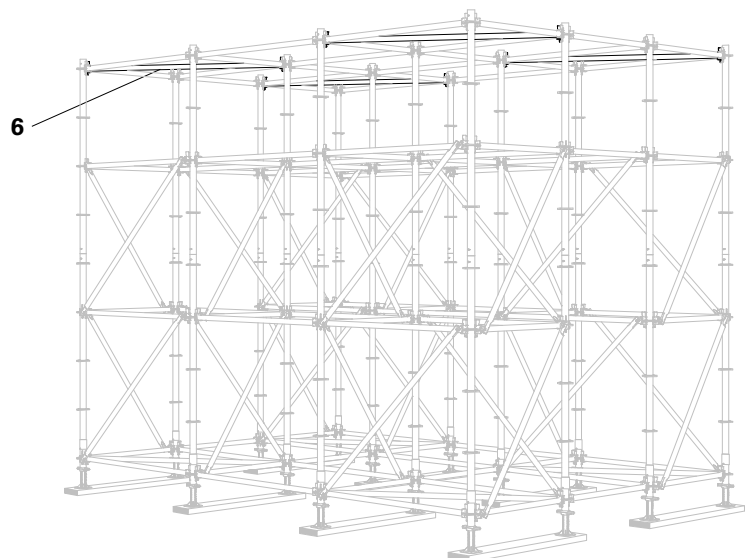


A1.13 Final level of plan braces

1. Place plan braces in the upper most ring, this must be the same as the ledgers in A1.11.
2. Secure all wedges by hammering the captive wedges with a 500g hammer.



- Regardless of the shoring height plan braces (horizontal braces) must be inserted in the lower most ring and upper most ring. Refer to the approved design submitted for the number and position of braces required in the structure.



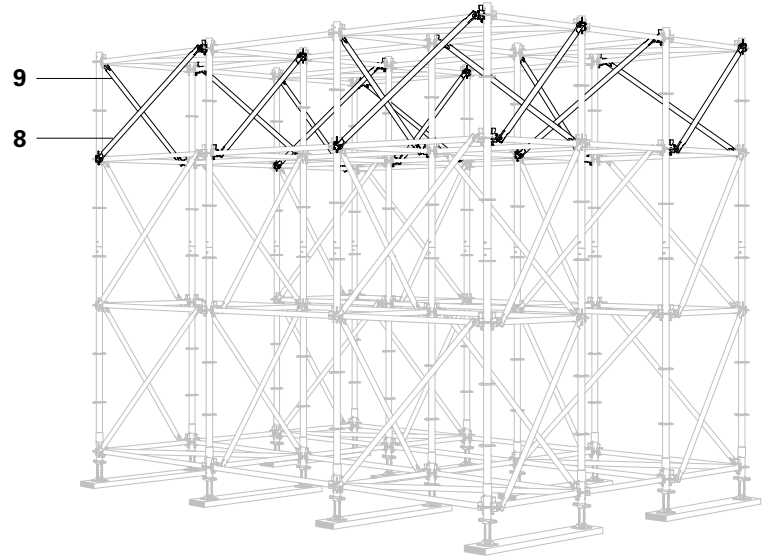
A1 Assembly

A1.14 Final level of vertical bracing

1. Place vertical bracing (8) (9) as per A1.8 and A1.10.
2. Secure all wedges by hammering the captive wedges using a 500g hammer.



- Vertical bracing must always be placed from the lower most ring to the upper most ring,
- Vertical bracing to be placed between each horizontal lift.

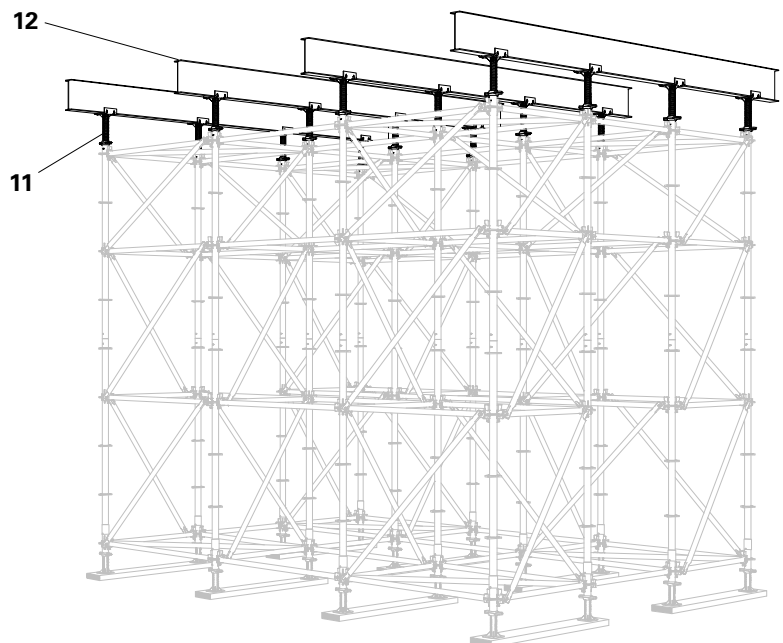


A1.15 Complete shoring

1. Place pre adjusted head jacks (11) into the standards.
2. Place main bearers (12) onto the head jacks, and make final level adjustments.



- Ensure that the head jacks are rotated after the main bearers have been placed to prevent eccentricity.
- It is good practice to wedge main bearers to prevent movement and ensure eccentricity.



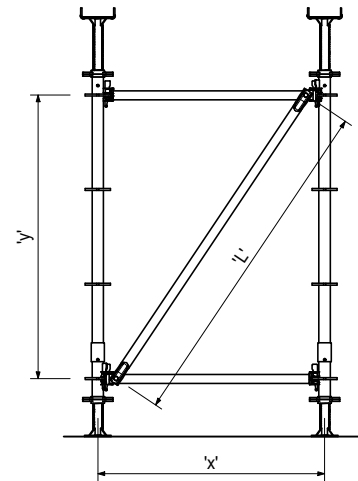
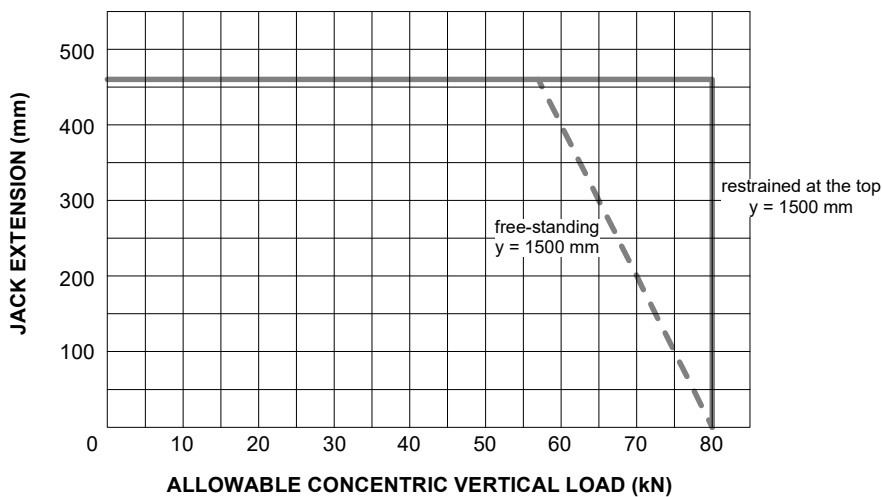
B1 Load tables

Base jacks and Head jacks

- The load graph (D1.1) indicates loading for all Ø48mm tube jacks with rolled threads, (base jacks and head jacks)
- The loads indicated in the load graph must never be exceeded.
- Conversion factor: 100 kg = 1 kN.
- WLL = Work Load Limit.

General

- All jack stems to be Ø48 mm.
- Run-out (R/O) on all jacks supplied by PERI for the QUICKSHORE High Load Shoring System 80kN per Leg system is 460 mm (thread adjustment)
- Threads on tubular jacks are rolled to maintain correct wall thickness and strength of the tube.
- All jack stems have a deformation / rivet positioned 150mm min. from the open end to prevent the removal of the adjustment collar, and ensuring that the max. run-out is not exceeded.



QUICKSHORE maximum leg load when 'y' = 1500 mm is 80 kN

QUICKSHORE maximum leg load when 'y' = 2000 mm is 60 kN

Allowable working loads in Vertical Braces

Item no.	Height 'y'	Length 'x'	Brace 'L'	Compression Load	Tensile Load
263042	1500	900	1654	10.5 kN	16.25 kN
263034	1500	1200	1799	10.2 kN	16.25 kN
263036	1500	1500	1985	8.6 kN	16.25 kN
263038	1500	1800	2189	7.0 kN	16.25 kN
263040	1500	2400	2658	8.0 kN	16.25 kN

C1 Dismantling



Dismantling / Striking of the QUICKSHORE system and soffit formwork may only take place once confirmation in writing by the concrete engineer or appointed competent person is obtained and is safe to proceed.

Dismantling / Striking starts from a safe working area as determined by the concrete engineer or appointed competent person.

C1.1 Removal of soffit formwork

Suggested sequence

Dismantling / Striking is done in reverse order from erecting the QUICKSHORE system.

- Remove all stop-ends
- Remove all handrails, knee rails, toe-boards and posts.
- Lower the adjustment collar on the head jacks, enough for the formwork to be removed safely.
- Remove the soffit formwork (in this e.g. the steel main bearers).

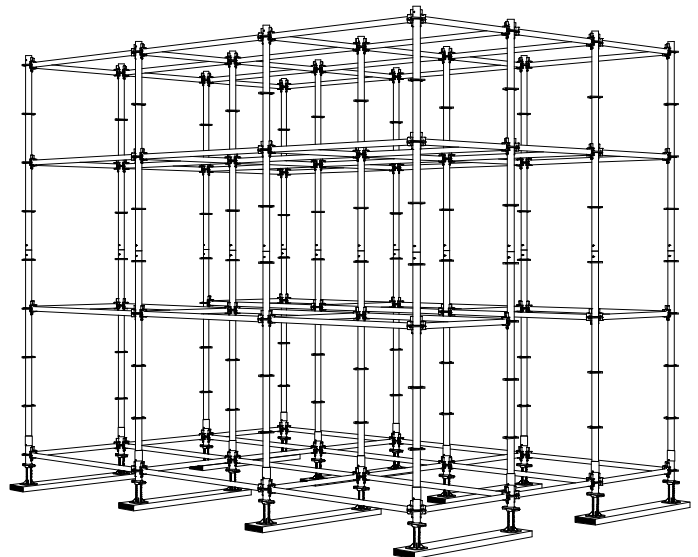
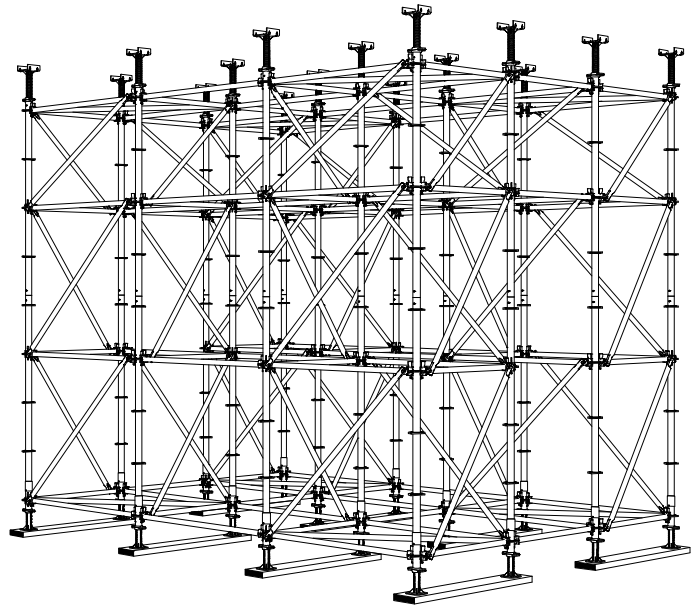
C1.2 Removal of head jacks and bracing

- Remove head jacks (e.g. shown U-Head Jacks), it may be required to lower the adjustment collar on the base jack if the height impedes removal, this is only possible once the bracing has been removed.
- Remove bracing.



Always remove the QUICKSHORE system as prescribed below, by doing so the dead load of the slab/beam is transferred to the columns / ring beams / perimeter walls, making dismantling and striking easier.

- Shoring below beams should be done from the center towards the columns.
- Shoring below the slabs should be done from the center outwards towards the perimeter walls.

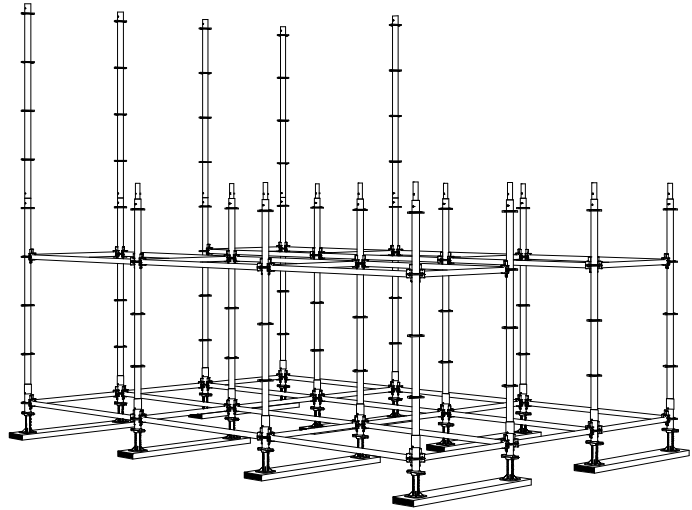


C1 Dismantling

C1.3 Dismantling of standards and ledgers

When dismantling the standards and ledgers it should be done in levels i.e. starting from the upper most ledgers and standards and moving towards the connectors.

- Remove ledgers from the upper most level down until the standard connector is reached.
- The standards may now be removed
- Use non-tilt steel hook-on-boards to make dismantling / striking easier and safer at heights.

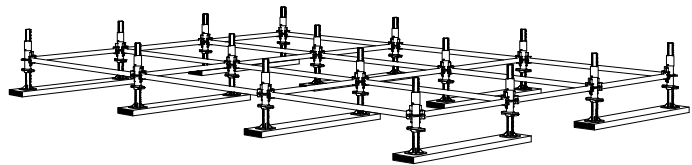


C1.4 Final dismantling

- Repeat the process as mentioned in A4.3 (for multiple lift structures).
- Remove base jacks and finally the sole boards.



- Ensure that dismantling is done in layers / levels from the top down and that completed sections are not dismantled as this may cause movement under the remaining structure, which may result in a collapse.
- Always ensure that any standards that are not connected by ledgers when striking is removed or has a person securing the standard from falling over which may result in injury or damage to material.



B1 Logistics

Packaging



All QUICKSHORE High Load Shoring System components are palletized or packed in a crate pallet to ensure safe transportation of the components.

Advantage of using pallets and stillages are as follows:

- Simplifies stock control overall.
- Easier counting of equipment not in use.
- Less labour required when moving equipment.
- Crane stacking reduces storage area and improves ease of movement.



Only stack pallets and stillages on a level, compacted surface.

Never stack pallets and stillages more than three in height.

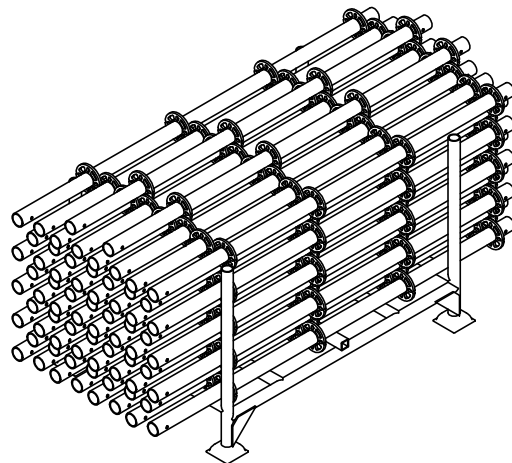
Small articles such as swivel couplers, spigots etc., can be stacked in crate pallets (Item no. 232193) for safe transportation and prevent loss.

PERI packaging guideline for South Africa is available on request.

Maintenance and cleaning tips:

- Ensure that the QUICKSHORE High Load Shoring System components are handled with care and cleaned after use in order to maintain its operational readiness.
- Use suitable pallets and stacking devices to minimise damage while moving components around site.
- Remove "fresh" concrete from QUICKSHORE High Load Shoring System components and avoid letting concrete dry as this may cause damage when cleaning.
- Damaged QUICKSHORE High Load Shoring System components may not be rectified by the customer (user).

Item no.	Item Name	Quantity per Pallet
263025	QUICKSHORE Standard 1000	70
263026	QUICKSHORE Standard 1500	70
263027	QUICKSHORE Standard 2000	70
263029	QUICKSHORE Standard 3000	70
263009	QUICKSHORE Ledger 900	250
263003	QUICKSHORE Ledger 1200	120
263004	QUICKSHORE Ledger 1500	120
263005	QUICKSHORE Ledger 1800	120
263007	QUICKSHORE Ledger 2400	120
263042	QUICKSHORE Vert. Brace 900x1500	120
263034	QUICKSHORE Vert. Brace 1200x1500	120
263036	QUICKSHORE Vert. Brace 1500x1500	120
263038	QUICKSHORE Vert. Brace 1800x1500	120
263040	QUICKSHORE Vert. Brace 2400x1500	120
263021	QUICKSHORE Plan Brace 900x900	120
263010	QUICKSHORE Plan Brace 1200x900	120
263013	QUICKSHORE Plan Brace 1500x900	120
263016	QUICKSHORE Plan Brace 1800x900	120
263020	QUICKSHORE Plan Brace 2400x900	120
263011	QUICKSHORE Plan Brace 1500x1200	120
263014	QUICKSHORE Plan Brace 1800x1200	120
263017	QUICKSHORE Plan Brace 2400x1200	120
263012	QUICKSHORE Plan Brace 1500x1500	120
263015	QUICKSHORE Plan Brace 1800x1500	120
263018	QUICKSHORE Plan Brace 2400x1500	120
263019	QUICKSHORE Plan Brace 2400x2400	120



QUICKSHORE High Load Shoring System 80 kN per leg
 Instructions for Assembly and Use – Standard Configuration
 (for use in South Africa / Sub-Sahara Africa **ONLY**)

C1 Site Record

Daily Construction Record

Fill out copies of this page and file with the daily construction records.

Company: Date:

Project: Pour:

Slab thickness = mm

Clear room height = mm

QUICKSHORE standard length = mm

Maximum jack run-out = mm

Maximum primary span = mm

Maximum secondary span = mm

Available leg load
(According to design table) = kN

≤ Permanent leg load = kN
(According to design table)

Check whether the above specifications and/or assumptions apply for this construction site:

To be carried out on site before concreting commences

Slab thickness = mm

Selected QUICKSHORE standards = mm

Maximum unbraced standard length = mm

Maximum jack run-out = mm

Are all QUICKSHORE standards (both axes) positioned within ≤ 1% of 100% vertical? yes |

Horizontal support for the formwork installed in all directions? yes |

Fittings parts visibly undamaged? yes |

Required bracing attached? yes |

Site Manager Signature _____

Date _____

Town _____

QUICKSHORE High Load Shoring System 80 kN per leg

Item no. Weight kg

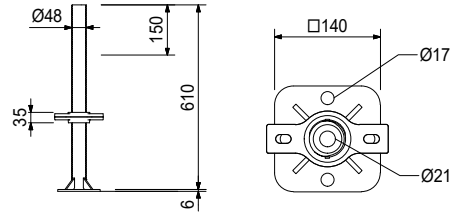
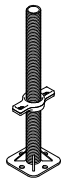
263000

5.000

QUICKSHORE Base Jack

Note

With captive collar



263030

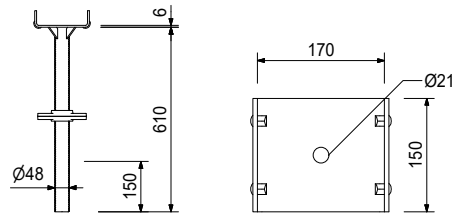
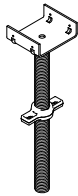
5.940

QUICKSHORE U-Head Jack

For carrying single or double steel bearers.

Note

With captive collar



263001

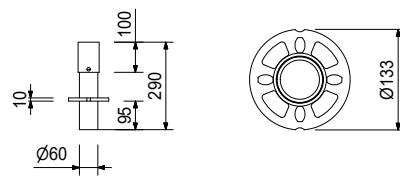
2.300

QUICKSHORE Base Socket

Mounting directly on the base jack, allows for one-person assembly and ease of levelling.

Note

Cup colour coded red.

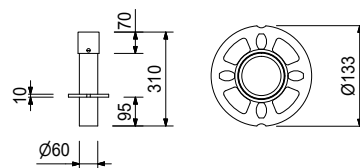


263022

2.400

QUICKSHORE Socket 250

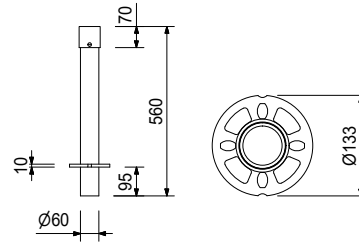
For increasing overall height by 250 mm



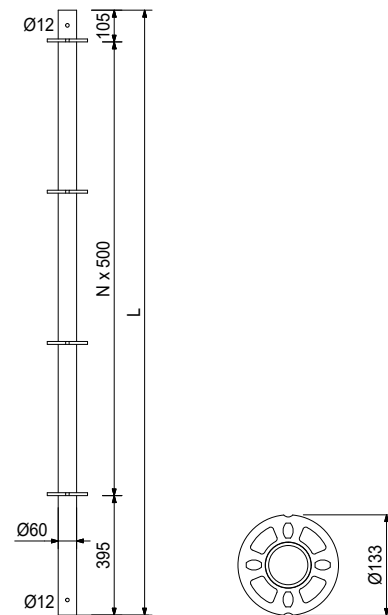
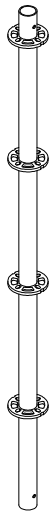
QUICKSHORE High Load Shoring System 80 kN per leg

Item no.	Weight kg
263023	3.360

QUICKSHORE Socket 500
For increasing overall height by 500 mm

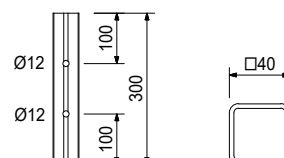


			L
263025	5.880	QUICKSHORE Standard	1000
263026	8.500	QUICKSHORE Standard 1000	1500
263027	11.420	QUICKSHORE Standard 1500	2000
263029	17.380	QUICKSHORE Standard 2000	3000
		QUICKSHORE Standard 3000	



263002	1.080
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QUICKSHORE Internal Spigot Coupler
Connecting standards with pre-installed tension pins or QUICKSHORE Omega clip

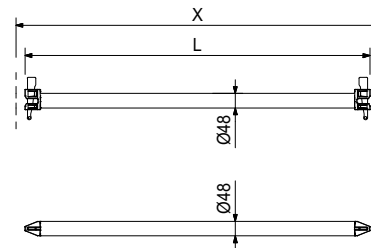
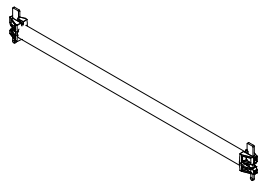


QUICKSHORE High Load Shoring System 80 kN per leg

Item no.	Weight kg		L	X	Colour
263009	3.530	QUICKSHORE Ledger	840	900	Pink
263003	4.400	QUICKSHORE Ledger 900	1140	1200	White
263004	5.460	QUICKSHORE Ledger 1200	1440	1500	Red
263005	6.340	QUICKSHORE Ledger 1800	1740	1800	Grey
263007	8.300	QUICKSHORE Ledger 2400	2340	2400	Green

Note

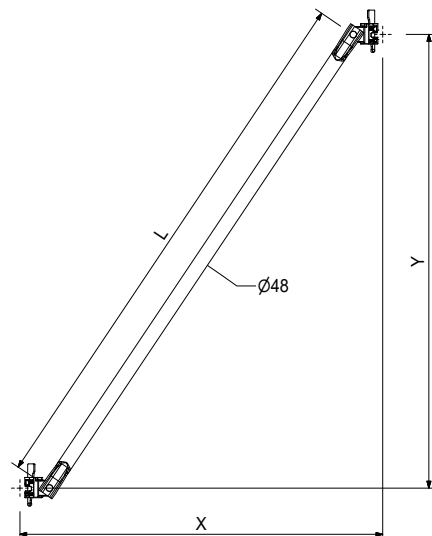
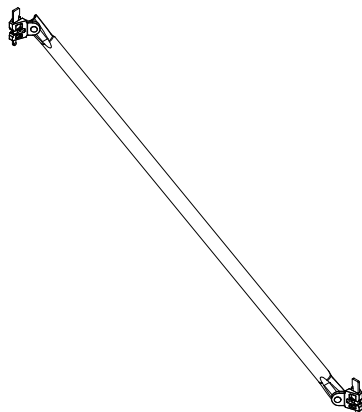
Ledgers are marked with one end yellow and the other end with specified colour, unless both colours are given.



			L	X	Y	Colour
263042	6.820	QUICKSHORE Vertical Brace	1654	900	1500	Red
263034	7.020	QUICKSHORE Vertical Brace 900 x 1500	1799	1200	1500	Orange
263036	7.820	QUICKSHORE Vertical Brace 1200 x 1500	1985	1500	1500	Black
263038	8.500	QUICKSHORE Vertical Brace 1800 x 1500	2189	1800	1500	White
263040	9.940	QUICKSHORE Vertical Brace 2400 x 1500	2658	2400	1500	Blue

Note

Ledgers are marked with one end white and the other end with specified colour, unless both colours are given.

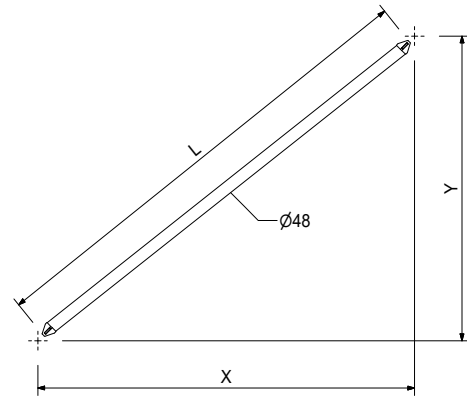
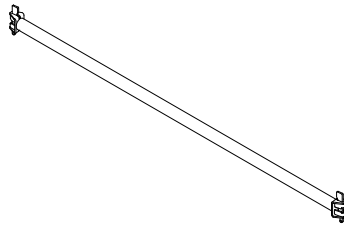


QUICKSHORE High Load Shoring System 80 kN per leg

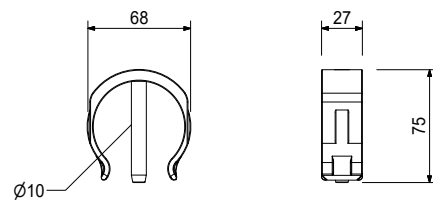
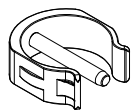
Item no.	Weight kg		L	X	Y	Colour
		QUICKSHORE Plan Brace				
263021	4.125	QUICKSHORE Plan Brace 900 x 900	1210	900	900	Blue
263010	4.972	QUICKSHORE Plan Brace 1200 x 900	1440	1200	900	Grey
263013	5.896	QUICKSHORE Plan Brace 1500 x 900	1690	1500	900	Purple
263016	6.875	QUICKSHORE Plan Brace 1800 x 900	1955	1800	900	Pink
263020	8.932	QUICKSHORE Plan Brace 2400 x 900	2505	2400	900	Green
263011	6.512	QUICKSHORE Plan Brace 1500 x 1200	1860	1500	1200	Pink
263014	7.117	QUICKSHORE Plan Brace 1800 x 1200	2105	1800	1200	Green
263017	9.350	QUICKSHORE Plan Brace 2400 x 1200	2625	2400	1200	Red
263012	7.249	QUICKSHORE Plan Brace 1500 x 1500	2060	1500	1500	Red
263015	8.074	QUICKSHORE Plan Brace 1800 x 1500	2280	1800	1500	Orange
263018	9.878	QUICKSHORE Plan Brace 2400 x 1500	2770	2400	1500	Yellow
263019	11.935	QUICKSHORE Plan Brace 2400 x 2400	3335	2400	2400	White

Note

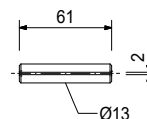
Ledgers are marked with one end white and the other end with specified colour, unless both colours are given.



263098	0.114	QUICKSHORE Omega Clip Enable quick connection of standards.
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263024	0.020	QUICKSHORE Sping Pin 12 x 60 For connection of standards
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QUICKSHORE High Load Shoring System 80 kN per leg

Item no. Weight kg

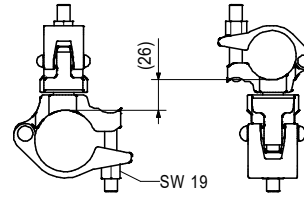
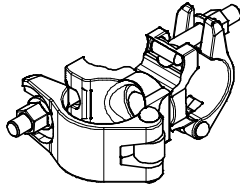
039168 2.110

Coupler Swivel 50x60

For connection of tubes $\varnothing 60$ and $\varnothing 48$

Note

Wrench size SW 19.
Permissible load - 6.25 kN.
Tighten to 70 Nm.



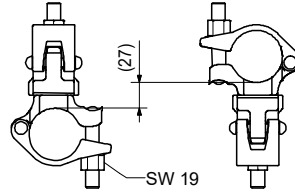
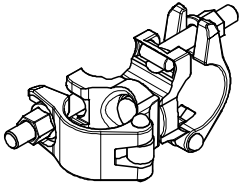
039167 1.400

Coupler Swivel 50x50

For connection of tubes $\varnothing 48$

Note

Wrench size SW 19.
Permissible load - 6.25 kN.
Tighten to 70 Nm.



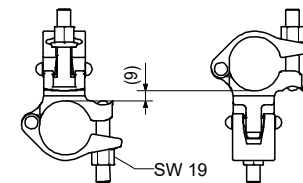
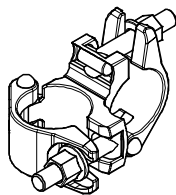
039164 1.406

Coupler 90 DEG 50x50

For connection of tubes $\varnothing 48$ at right angles

Note

Wrench size SW 19.
Permissible load - 6.25 kN.
Tighten to 70 Nm.



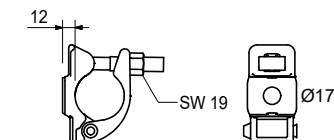
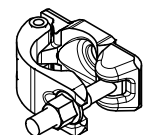
263022 2.400

Coupler Swivel 50mm Half

For scaffold tubes $\varnothing 48$

Note

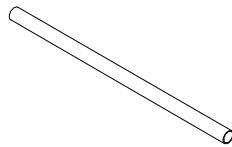
Wrench size SW 19.
Permissible load - 6.25 kN.
Tighten to 70 Nm.



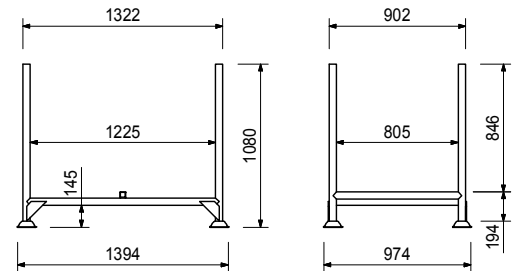
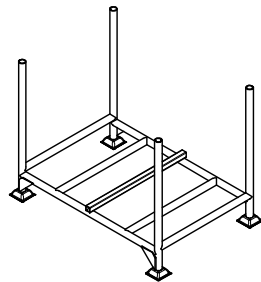
QUICKSHORE High Load Shoring System 80 kN per leg

Item no.	Weight kg		L	Colour
039149	3.550	Scaffold Tube	501 - 1000	Yellow
039150	5.325	Scaffold Tube 501 - 1000	1001 - 1500	Red
039151	7.100	Scaffold Tube 1001 - 1500	1501 - 2000	Black
039152	8.875	Scaffold Tube 1501 - 2000	2001 - 2500	Green
039153	10.650	Scaffold Tube 2001 - 2500	2501 - 3000	Pink
039154	12.425	Scaffold Tube 2501 - 3000	3001 - 3500	Grey
039155	14.200	Scaffold Tube 3001 - 3500	3501 - 4000	Blue
039156	15.975	Scaffold Tube 3501 - 4000	4001 - 4500	Orange
039157	17.750	Scaffold Tube 4001 - 4500	4501 - 5000	Sliver
039158	19.525	Scaffold Tube 4501 - 5000	5001 - 5500	Purple
039159	21.960	Scaffold Tube 5001 - 5500	5501 - 6100	White

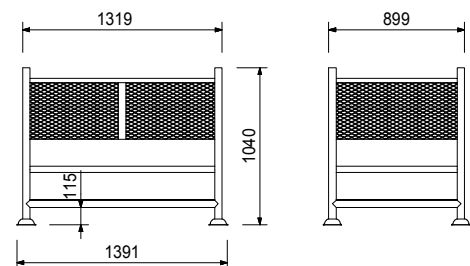
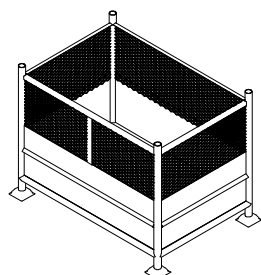
Note
Scaffold tubes are marked with one end white and the other end with specified colour, unless both colours are given.



232094	40.000	Pallet Tubular For stacking and transporting QUICKSTAGE components.	Note Maximum stacking three up.
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232193	111.500	Crate Pallet Tubular 1225x805 For stacking and transporting QUICKSTAGE components.	Note Maximum stacking three up.
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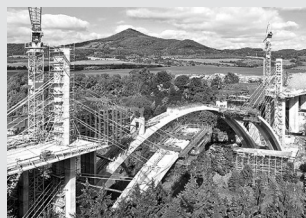
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