

# FLAT DECK SYSTEMS

WE SECURE ALL TRANSPORTS OF ROUNDWOOD, SAWN TIMBER, AND GENERAL CARGO.

**ExTe**

Securing cargo. We invented the Concept.

**SIMPLE, FAST, AND  
SAFE, REGARDLESS  
OF WHETHER YOU  
ARE TRANSPORTING  
ROUND TIMBER,  
SAWN TIMBER, OR  
GENERAL CARGO.**

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## **EXTE'S COMMITMENT TO QUALITY AND SAFETY SINCE 1898.**

At ExTe, we prioritize quality and safety through our adherence to international standards:

**ISO 9001:2015:** Ensures a robust quality management system focused on customer satisfaction and continuous improvement.

**ISO 3834-2:2021:** Highlights our dedication to quality assurance in welding, ensuring the reliability of our welded components.

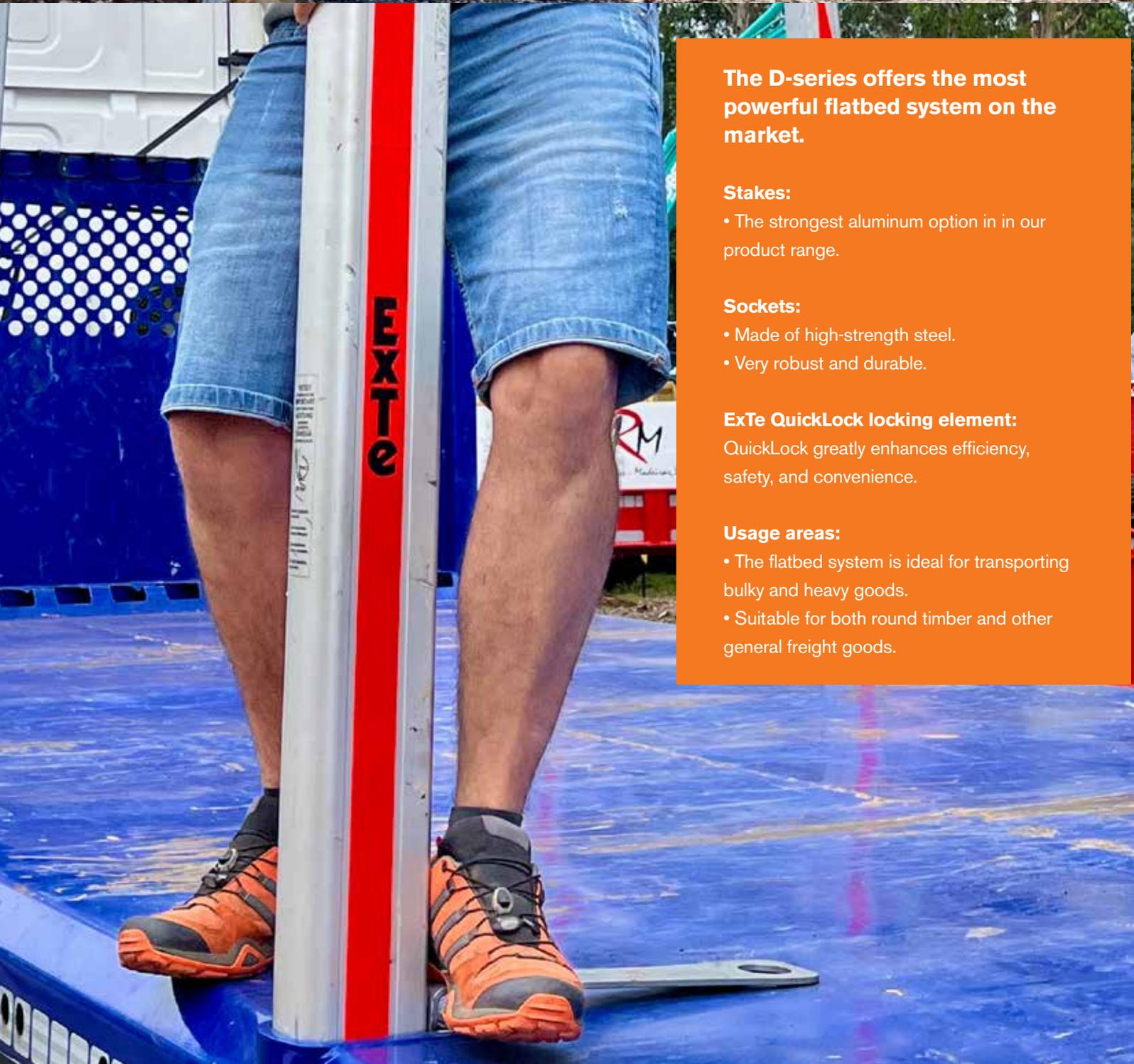
**EN 15085-2:2020:** Pertains to the welding of railway components, confirming our capability to meet stringent safety standards in the transportation sector.

## **DEVELOPMENT BASED ON TOUGH TESTING.**

Transport can involve some extremely harsh stresses, but the toughest trials that our products endure are our own tests. In our own test benches, we simulate mechanical loading, transport, and unloading, as well as vibrations during empty runs. After that, a pre-production series is tested in practical trials before the product is launched on the market. Development that never compromises on safety is your best guarantee.

# D-SERIES – LIGHTWEIGHT VERSATILITY, HEAVY-DUTY DURABILITY.





**The D-series offers the most powerful flatbed system on the market.**

**Stakes:**

- The strongest aluminum option in our product range.

**Sockets:**

- Made of high-strength steel.
- Very robust and durable.

**ExTe QuickLock locking element:**

QuickLock greatly enhances efficiency, safety, and convenience.

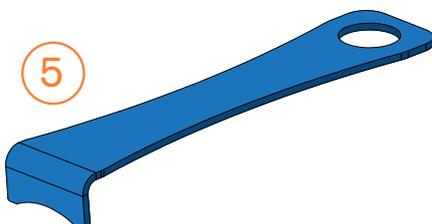
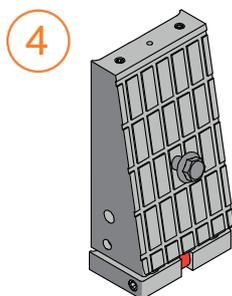
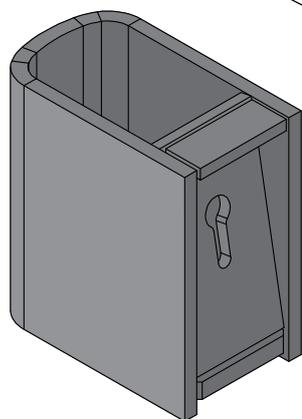
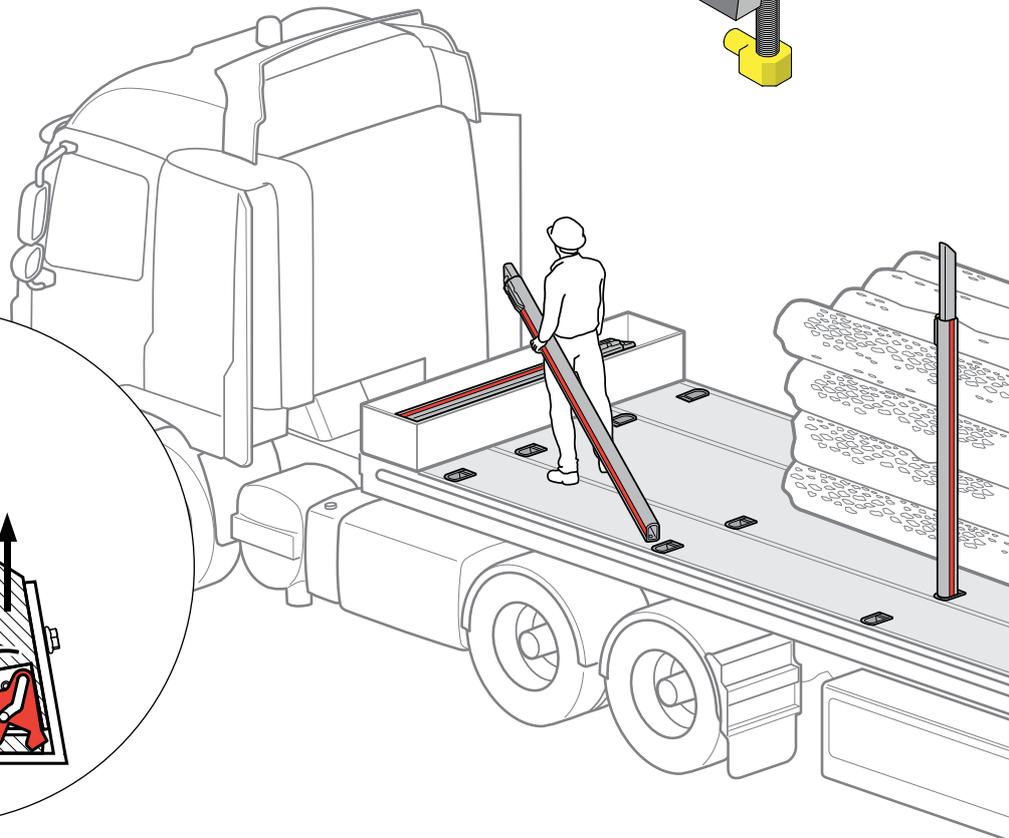
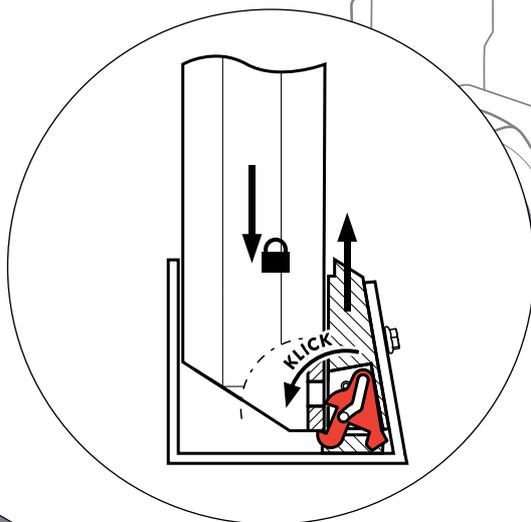
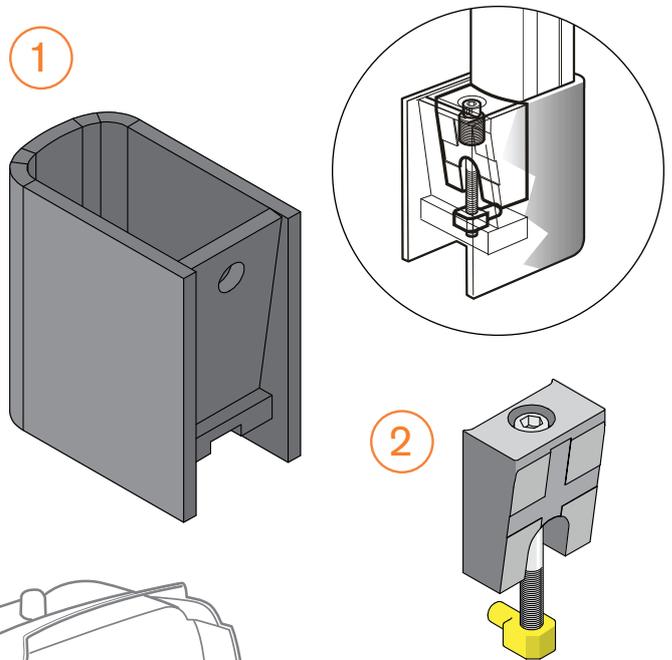
**Usage areas:**

- The flatbed system is ideal for transporting bulky and heavy goods.
- Suitable for both round timber and other general freight goods.

### Flat deck socket with bolted locking element

If the transports are very similar and the stakes rarely need to be moved, locking with a bolted locking element is an option.

1	800351	Socket 216 mm D Series
2	830363	Locking element for D Series



### Flat deck socket with quick locking element (QuickLock)

When transports are varied and require quick and easy repositioning of the stakes, or if the stakes need to be removed, the quick-locking locking element is the most convenient option.

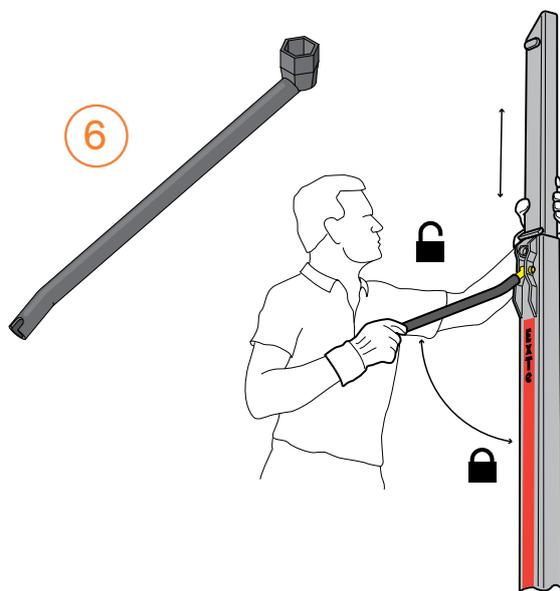
- The stake is simply placed in the socket together with the spring-loaded and self-locking locking element.
- Removing the stake is just as easy. The driver simply steps on a special locking element tool (pos 5). The insert is unlocked, allowing the stake to be lifted out of the socket.

3	810955	Flat deck socket QL
4	810990	D Series Locking element QL
5	810944	Tool for locking element QL

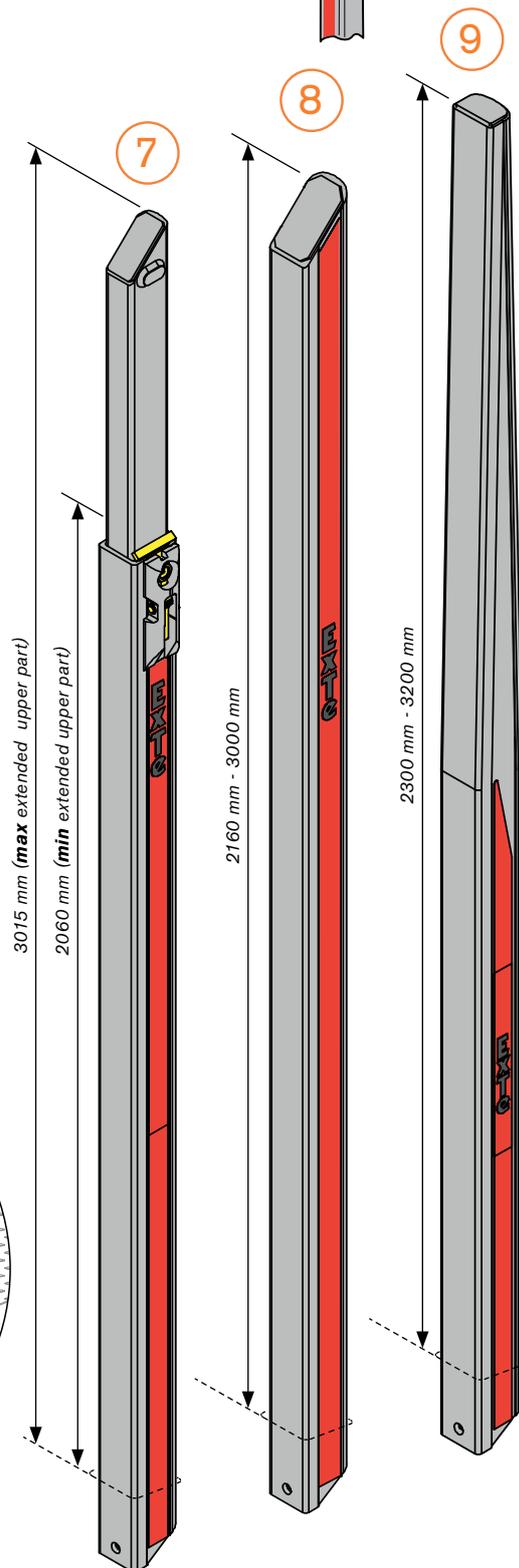
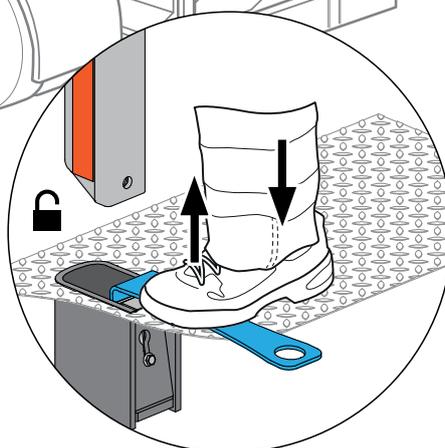
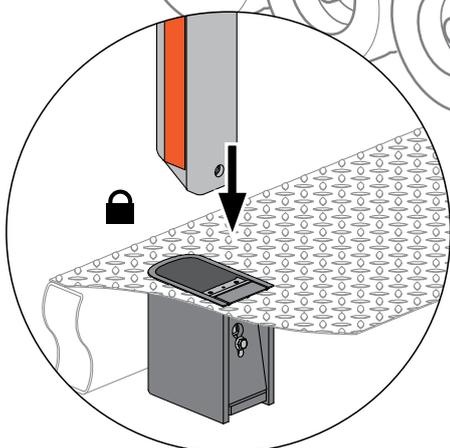
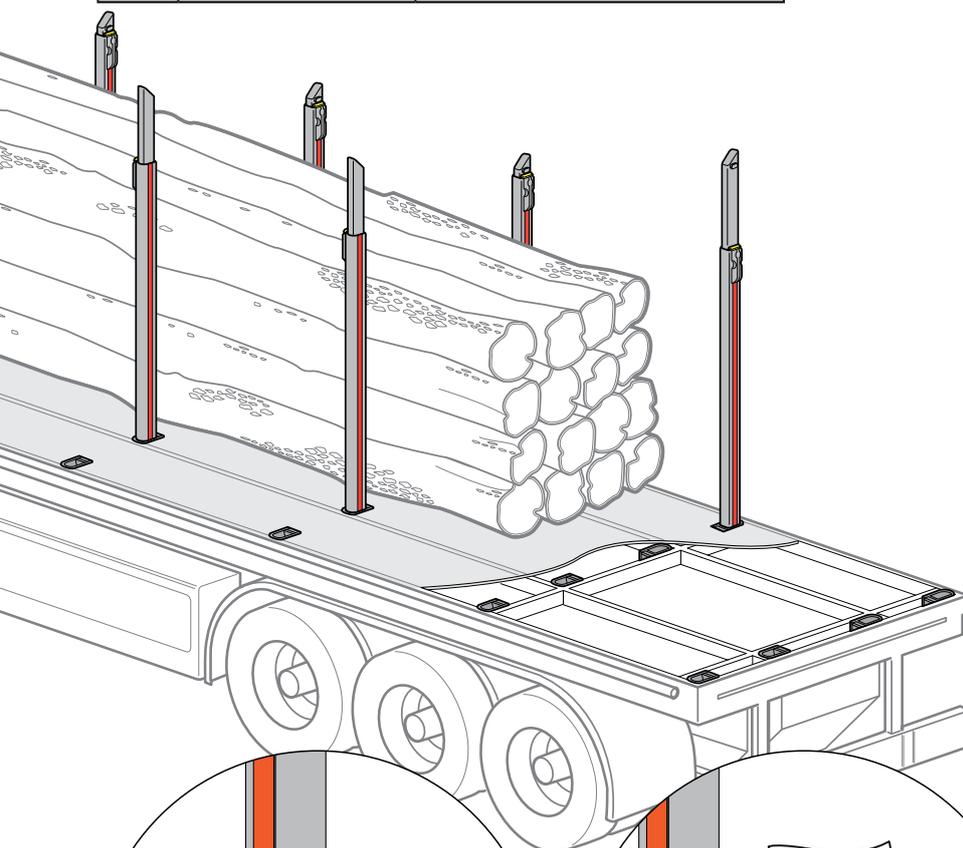
## D Series aluminum stakes in three variants - Telescopic | Conical | Euro

The stakes in the D-series are constructed from aluminum and, despite their low weight, are very powerful to handle the stresses from heavy loads. Three stake options are offered.

- The telescopic stakes' (pos 7). A special tool (pos 6) is used to raise and lower the telescopic stakes' upper part.
- The conical stake (pos 9) has beveled edges tapering towards the center on both the inside and outside to provide extra space when loading. Furthermore, the stake becomes lighter.
- Additionally, there is a fully drawn stake type, Euro (pos 8), with the same dimension at both ends.



6	814492	Tool for Telescopic Lock
7	-	Stake D5, D7, D10 Telescopic
8	-	Stake D5 ,D7, D10 Euro
9	-	Stake D5, D7, D10 Conical



# SYSTEM 144 – PROVEN RELIABILITY FOR EVERY LOAD.





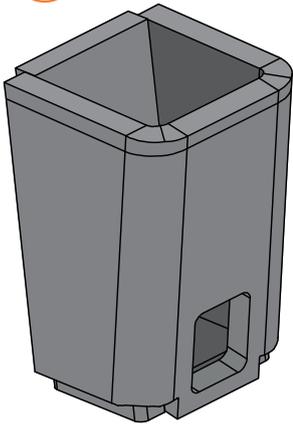
### A flexible interplay.

System 144 was designed to give the operator maximum flexibility. Regardless of the type of goods being transported, there are solutions that offer new opportunities and better usability.

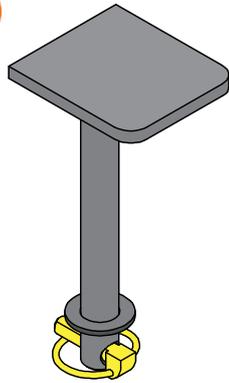
- With bolsters and sockets embedded in the flatbed, it is quick to adapt the vehicle for transporting round timber, sawn timber, or other types of goods.
- System 144 is extremely well-proven and has been used for more than 60 years by operators all over the world.
- It is made from high-tensile steel, ensuring strength and durability.



1



2



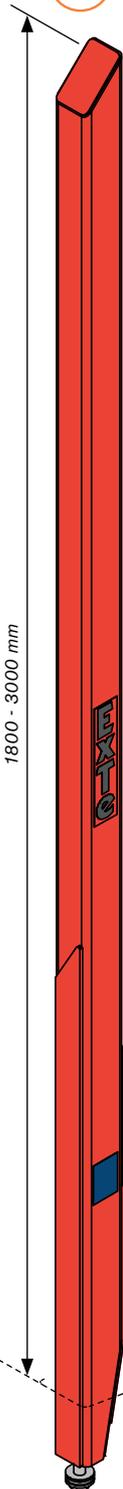
### Flat deck socket for System 144

Sockets are usually mounted in flat deck constructions intended for mixed goods.

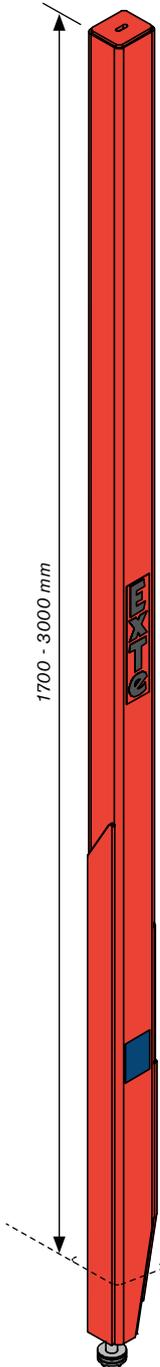
- By initially installing sockets based on different types of goods, adequate usage opportunities are created.
- Additionally, a lid (pos 2) is offered to prevent empty sockets from being filled with dust and debris, which could hinder proper fitting of the stake.

1	814425	Socket, System 144
2	814426	Lid, socket, System 144

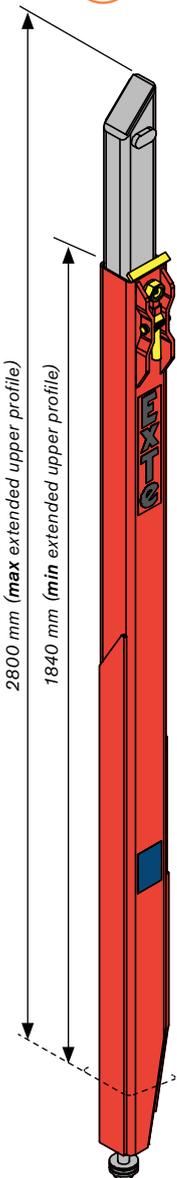
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4



3

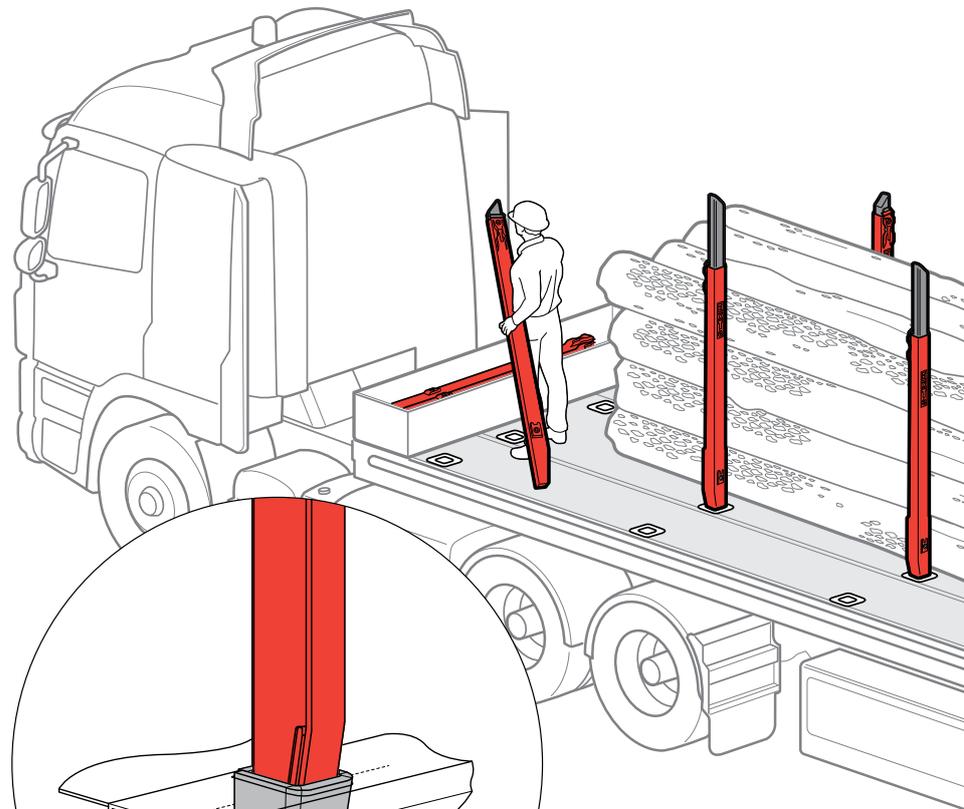


2800 mm (max extended upper profile)

1840 mm (min extended upper profile)

1700 - 3000 mm

1800 - 3000 mm



### System 144 stake for mounting with bolted joint.

The bolted type of stake is recommended when the stakes need to have a more permanent placement. The bolted joint consists of bolts, nuts, and disc spring packages, which keep the joint elastic and correctly tensioned. An ingenious solution that multiplies the service life of the joint.

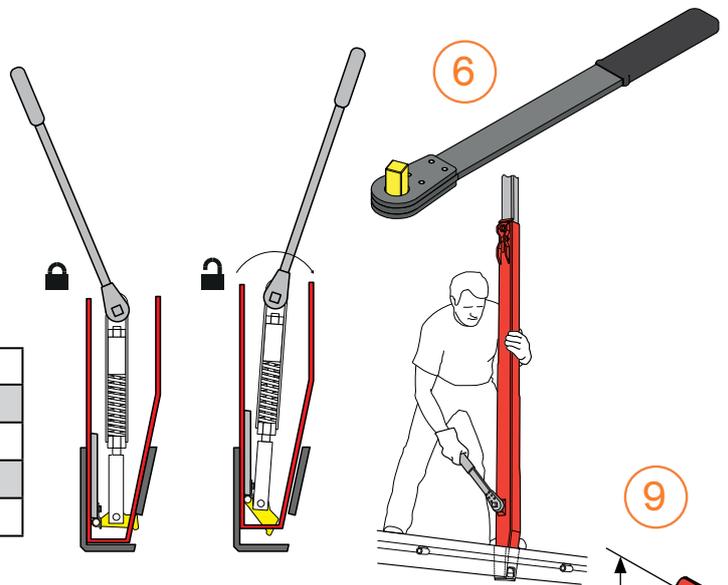
3	-	Stake, System 144 Telescopic (bolt joint)
4	-	Stake, System 144 Euro (bolt join)
5	-	Stake, System 144 Euro 45° (bolt joint)

## System 144 Stake with QuickLock

Stakes with QuickLock enable fast and easy repositioning of the stakes for adapting to the goods being transported.

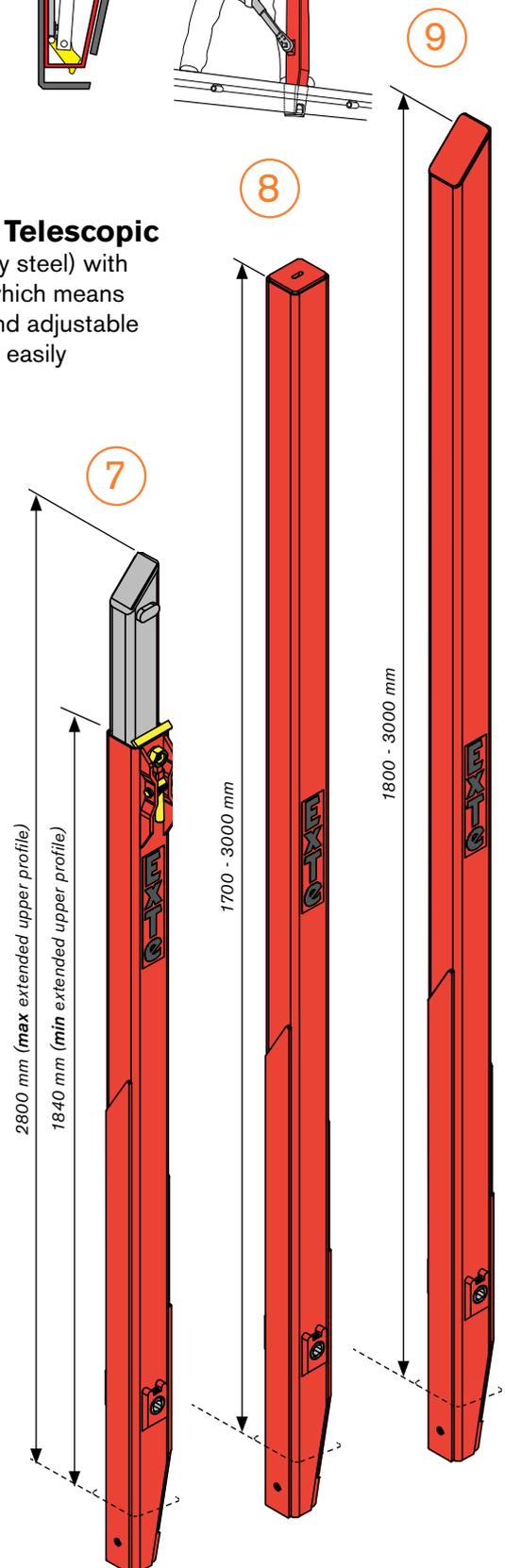
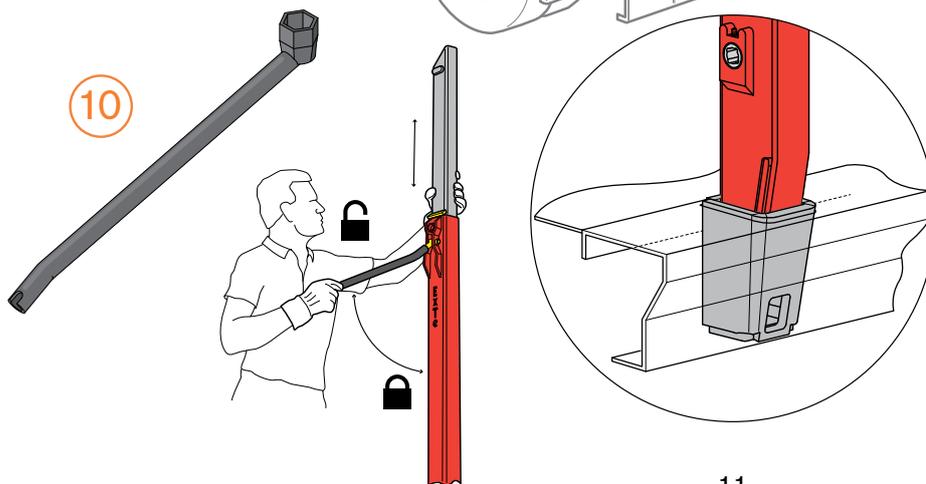
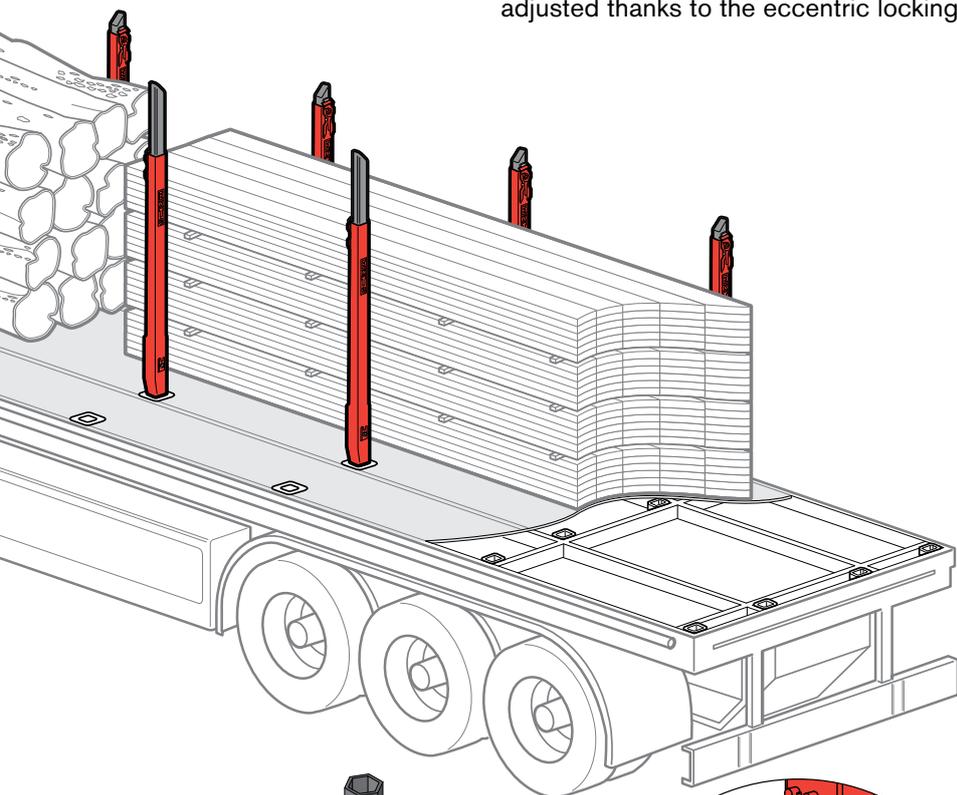
They lock in place with a special tool for the QuickLock System (pos 6). In the locked position, a compression spring is compressed, the force of which is released when the lock is opened.

6	814497	QuickLock Tool
7	-	Stake, System 144 Telescopic (QuickLock)
8	-	Stake, System 144 Euro (QuickLock)
9	-	Stake, System 144 Euro 45° (QuickLock)
10	814492	Tool for Telescopic Lock



## Stakes in two variants: Euro and Telescopic

Stakes are available both in Euro design (fully steel) with straight or angled tops, and as Telescopic, which means that the upper profile is made of aluminum and adjustable in height. The load height can be quickly and easily adjusted thanks to the eccentric locking.



# SYSTEM 310 - INGENUOUSLY SIMPLE AND RATIONAL.



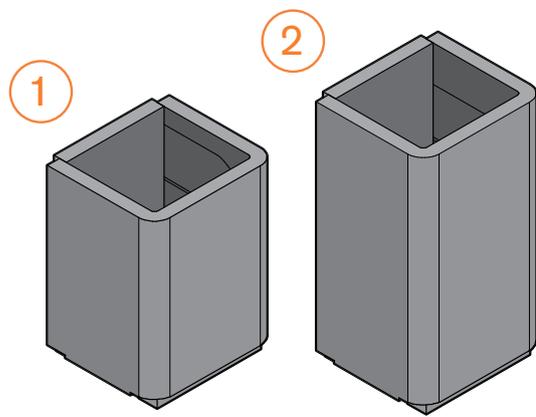


## Ingeniously simple and rational.

System 310 is adapted for operators with flatbed trucks and trailers, primarily developed for transporting dimensionally stable goods, whether it is sawn timber or piece goods.

The idea is that several sockets are placed along the length of the vehicle to suit different load lengths. Stakes are placed in appropriate locations and can be easily fixed with the QuickLock locking system.



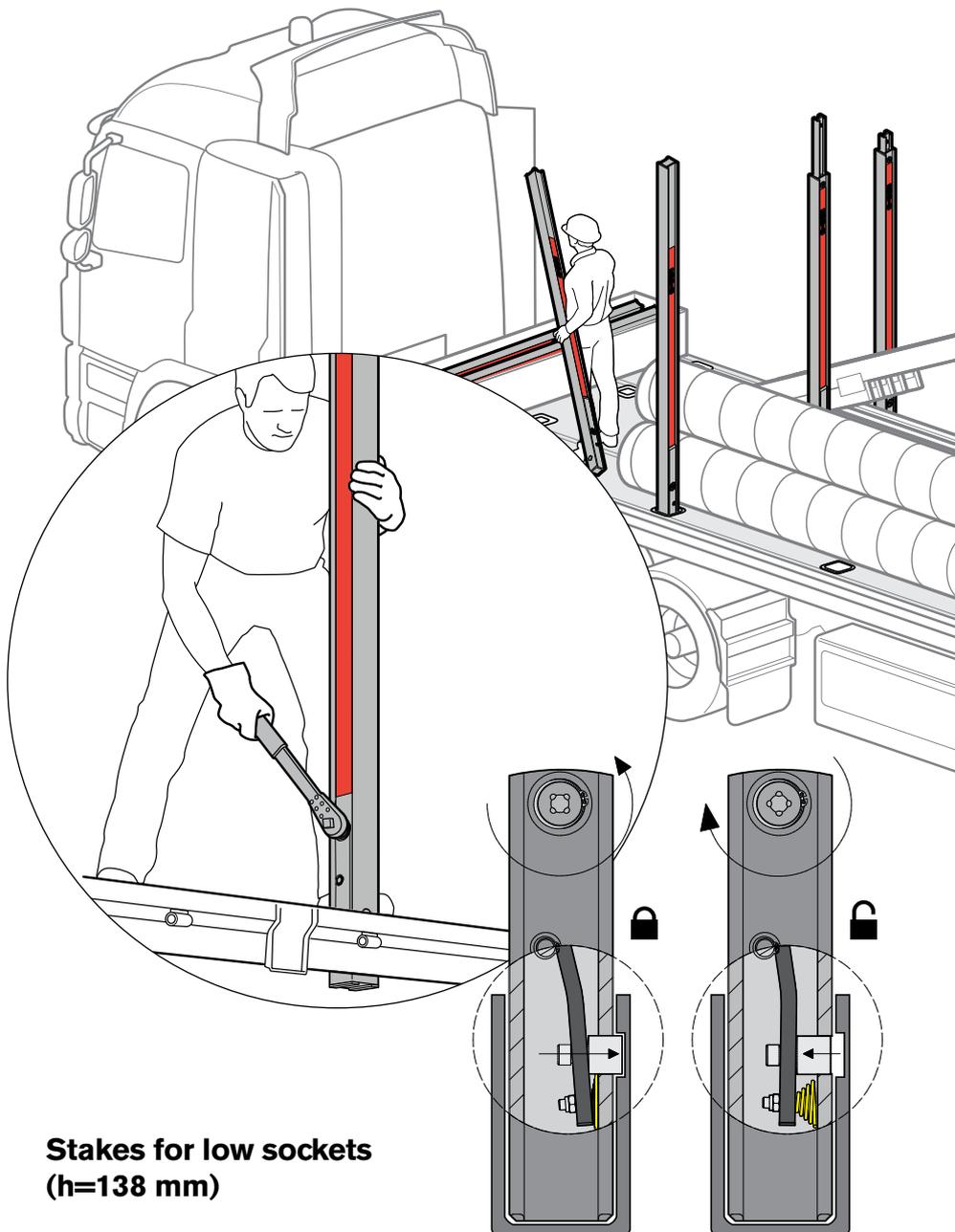
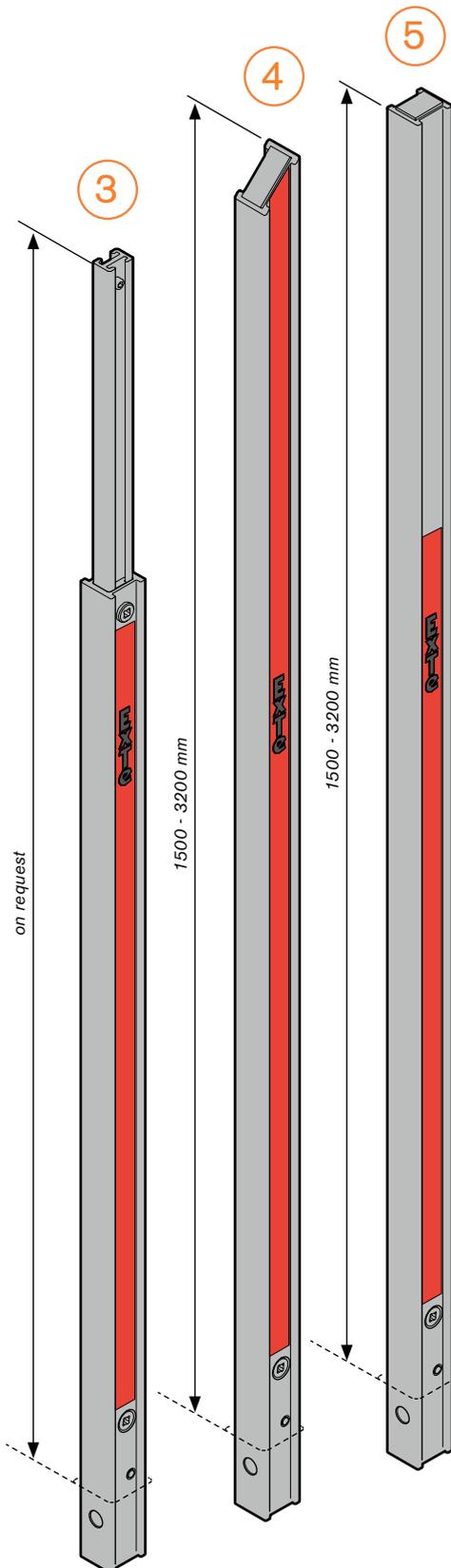


## System 310 with ExTe QuickLock.

ExTe QuickLock is an ingeniously simple quick-locking system for stakes, providing unique flexibility.

- Stakes can be quickly and easily removed or repositioned based on the type of transport.
- The locking system allows the stake to be simply placed in the socket and secured with a ratchet handle tool.
- Minimal wear and vibrations occur during transport.
- To release the stake, the driver simply opens the QuickLock, allowing the stake to be lifted out of the socket.
- The sockets come in two different variants:
  - 1) Low socket (138 mm)
  - 2) High socket (188 mm)
 Both designed for mounting with ExTe QuickLock.

1	800312	Socket System 310 (h = 138 mm)
2	800311	Socket System 310 (h = 188 mm)
3	-	Stake, System 310 Telescopic (for socket h = 138 mm)
4	-	Stake, System 310 Euro 45° (for socket h = 138 mm)
5	-	Stake, System 310 Euro 90° (for socket h = 138 mm)



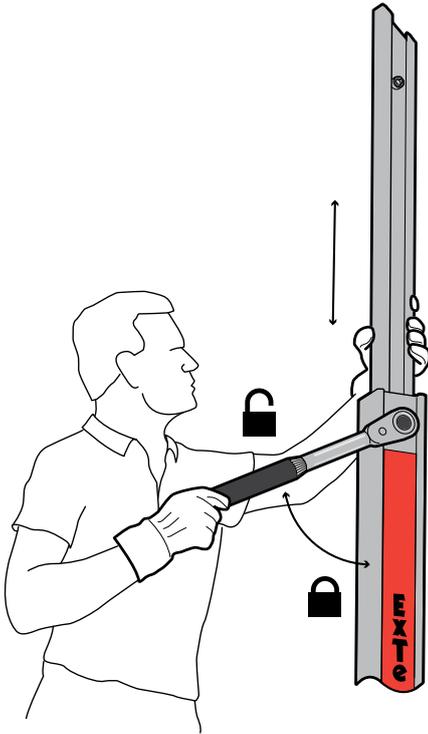
**Stakes for low sockets  
(h=138 mm)**

**ExTe Quick-Lock System**

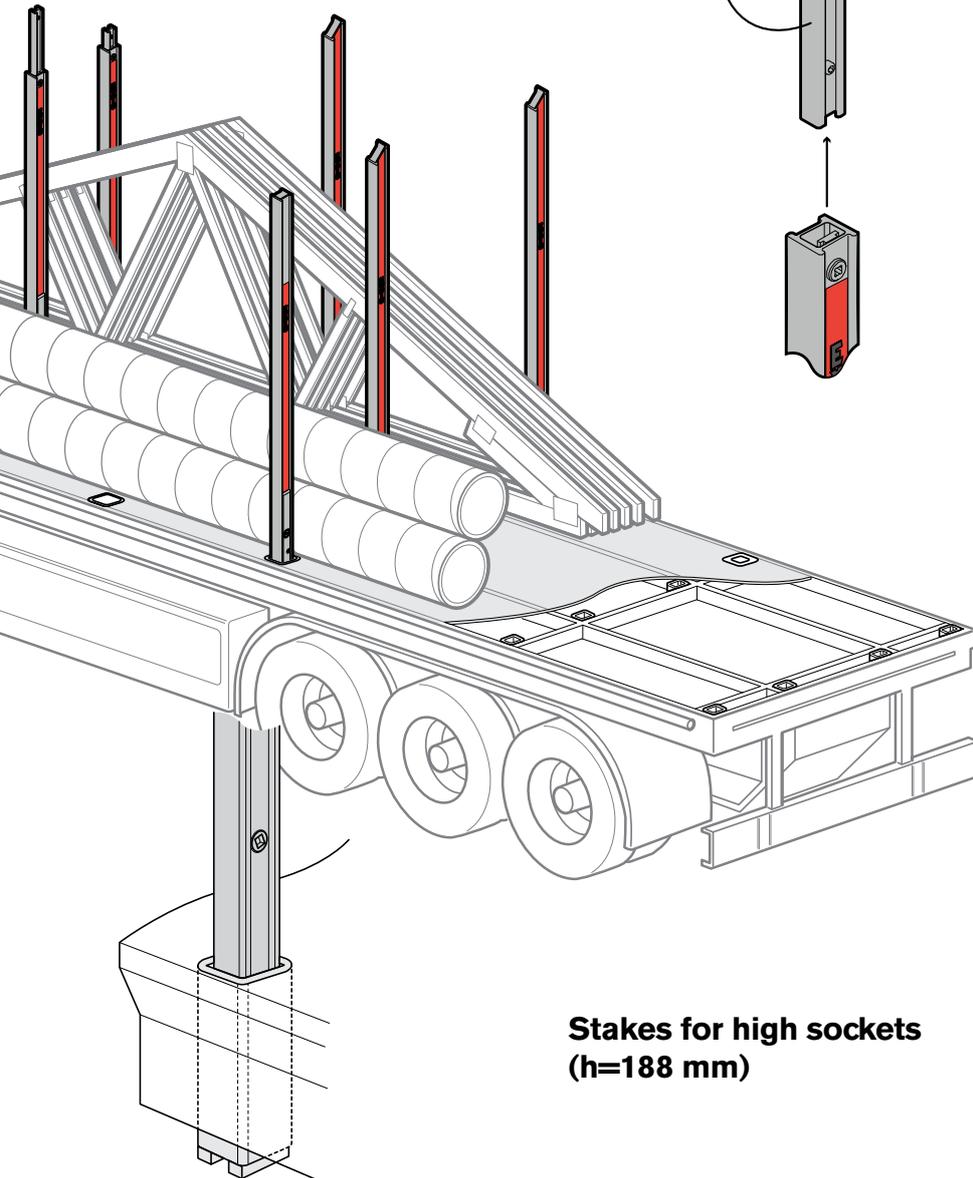
## System 310 aluminum stakes in three variants - Telescopic | Euro 45° | Euro 90°

The stakes in the System 310 are constructed from aluminum and, despite their low weight, are very powerful to handle the loads.

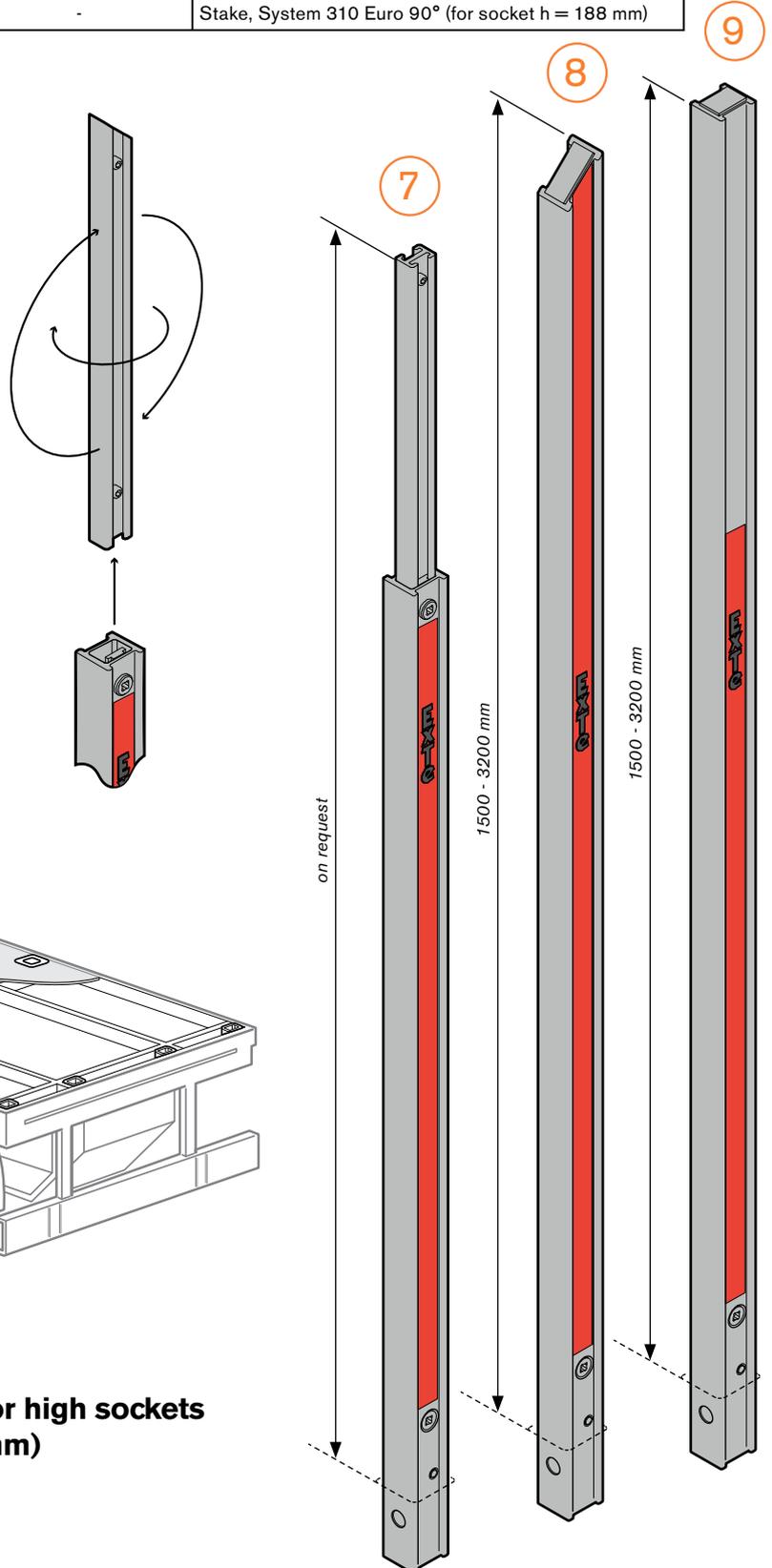
- The Telescopic stakes (pos 3 and 7) has a continuously adjustable load height and a reversible top profile
- The stake types Euro 45° (pos 4 and 8) and Euro 90° (pos 5 and 9) are both of the full-profile type, but they differ in that the Euro 45 has an angled top, while the Euro 90 has a straight-cut top



7	-	Stake, System 310 Telescopic (for socket h = 188 mm)
8	-	Stake, System 310 Euro 45° (for socket h = 188 mm)
9	-	Stake, System 310 Euro 90° (for socket h = 188 mm)



**Stakes for high sockets (h=188 mm)**



# CARGO FLEXI – OPTIMAL SOLUTION FOR RIGID AND PALLETIZED GOODS.





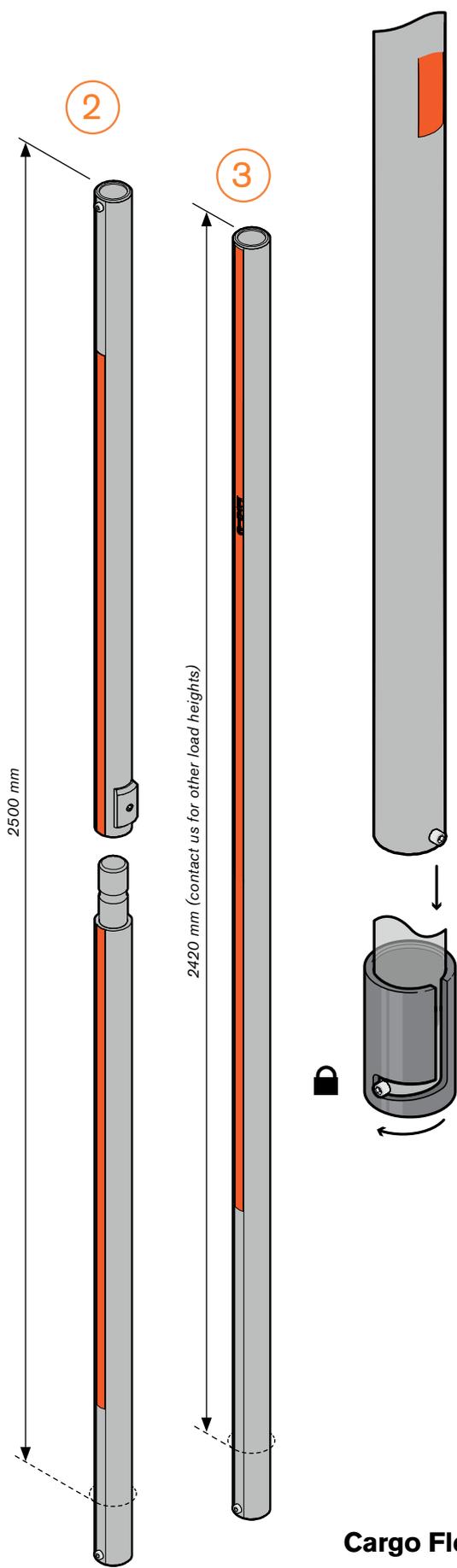
### **Maximum flexibility.**

The Cargo Flexi system is designed for the transport of rigid individual goods, primarily loaded on pallets. The stakes are made of aluminum, and the sockets are made of high-strength steel.

Cargo Flexi is available in two versions: Standard (Ø63 mm) and XL (Ø90 mm).

The sockets are mounted in the deck, allowing the round aluminum stakes to be easily repositioned according to loading requirements.

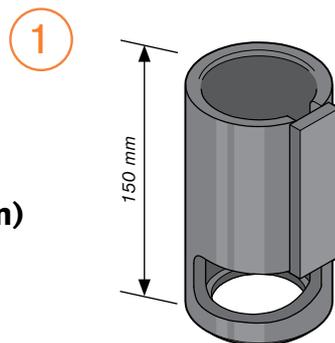
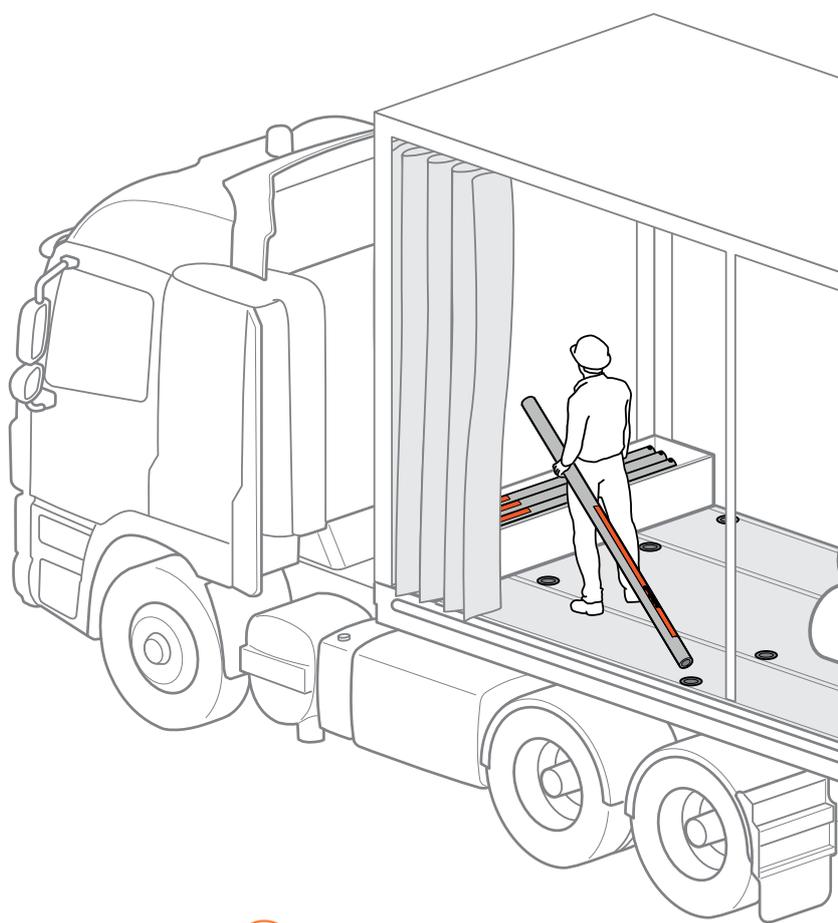




### Cargo Flexi Standard (Ø63 mm)

- The round and lightweight aluminum stakes can be quickly moved between the sockets based on the type of goods being transported.
- The Cargo Flexi Standard stakes are available in both full-length and divisible versions.
- When mounted, the stake is inserted so that the locking pin slides into the slot in the socket and can be easily turned into the locked position.
- Generous mounting of sockets on the deck creates many alternative loading possibilities.

1	800304	Socket Cargo Flexi (for stake Ø63 mm)
2	800303	Stake, Cargo Flexi (Ø63 mm) divisible
3	800300	Stake, Cargo Flexi (Ø63 mm)



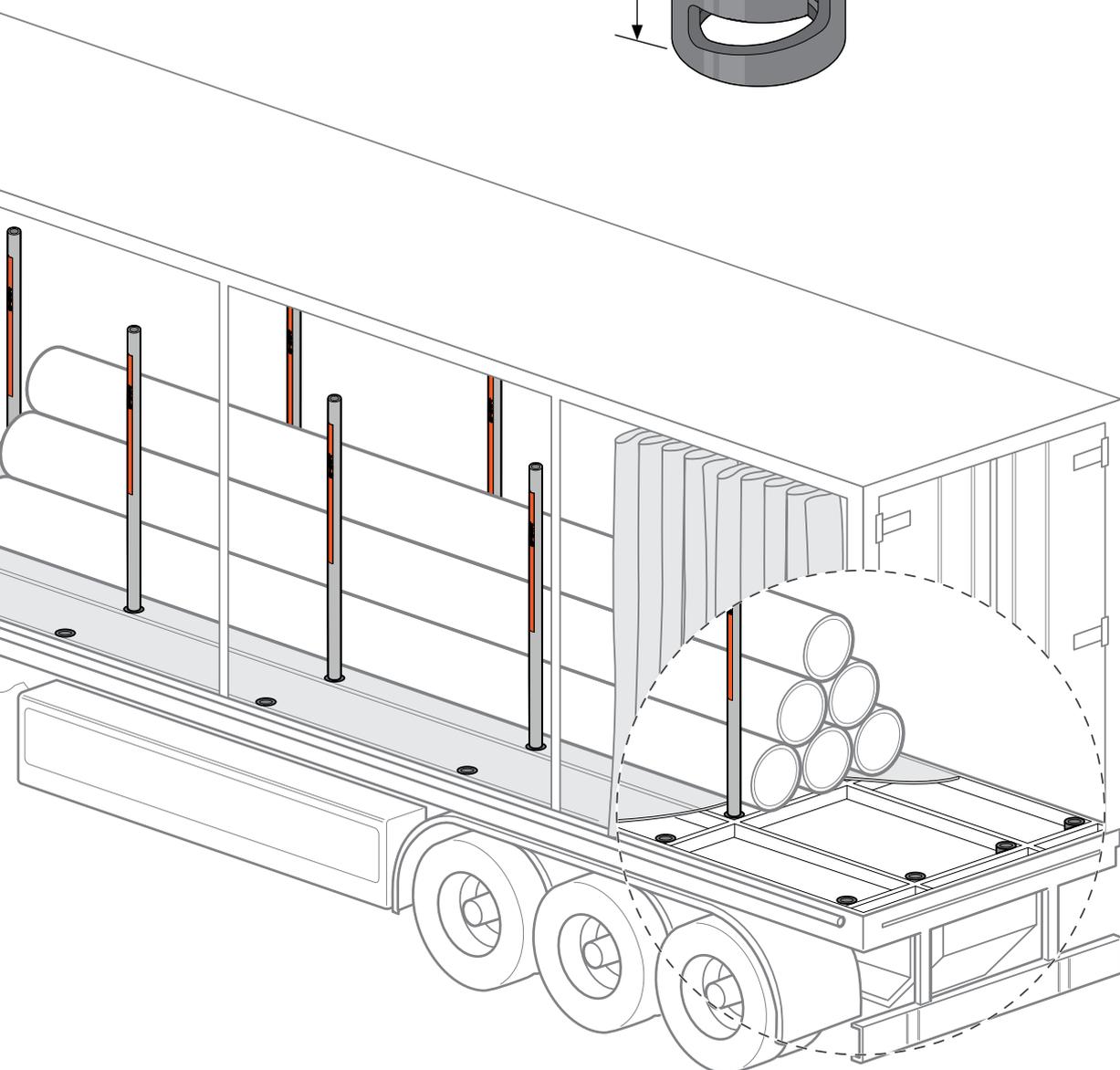
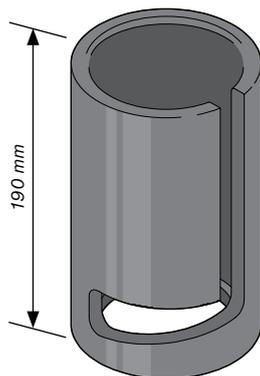
Cargo Flexi Standard (Ø63 mm)

## Cargo Flexi XL (Ø90 mm)

In the XL version, both the sockets and stakes have slightly bigger dimensions. The principle for attaching the stakes to the sockets is the same as for Cargo Flexi Normal. The locking pin is lowered into the slot of the socket, and the stake is turned into the locked position.

4	801122	Socket Cargo Flexi (for stake Ø90 mm)
5	801120	Stake, Cargo Flexi (Ø90 mm)

### Cargo Flexi XL (Ø90 mm)



# EXTE TU - AUTOMATIC TENSINONER FOR ALL TRANSPORTS.



Scan the QR code  
for more info about  
the ExTe TU system.





### **Maximum Safety with unlimited and Automatic Re-Tensioning.**

The ExTe TU tensioner has been developed to secure loads during all heavy transports, whether it's timber or other goods. With automatic re-tensioning and unlimited tension length, it provides maximum safety during transport.

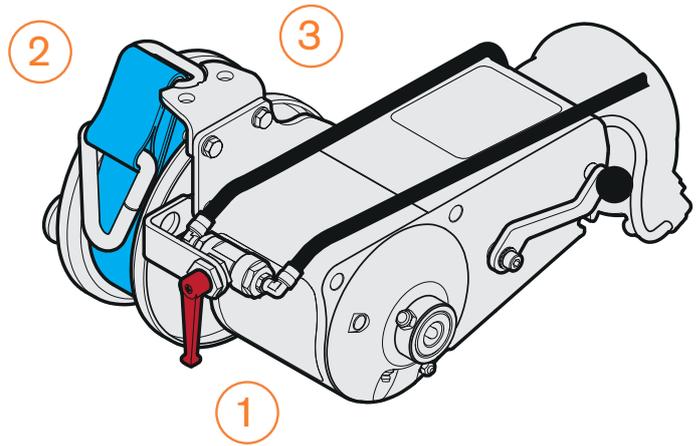


Patent design AU 352618, CA 153816, EU 002245019-0001, GB 9002245019-0001, NZ 418231, US D756733.

An air-controlled release mechanism for the tensioner is available as an accessory. This allows the release to be operated with the push of a button from the truck cab, expanding its usability, for example, when the tensioner is mounted under a platform or box where access is limited. The tensioner can also be manually tightened if needed.

ExTe TU has a pulling force of up to 1000 kg.





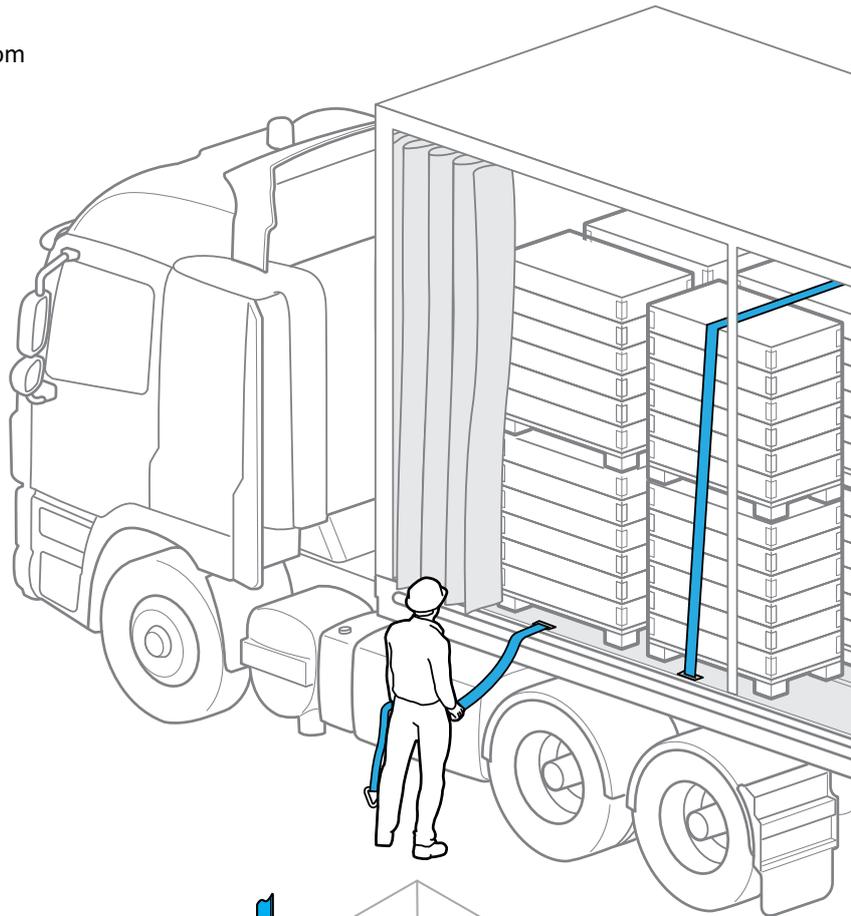
## EXTE TU - Tension Unlimited

The TU tensioner is designed for securing all types of rigid goods, whether it's round timber or traditional unit cargo. Here are some key benefits:

- Automatic re-tensioning: Keeps tension consistent during transport, reducing manual adjustments.
- Unlimited tension length: Flexible tension length adapts to different load sizes.
- High pulling force: Up to 1000 kg, ensuring maximum safety during transport.
- Customizable for different markets: Pulling force is tailored to meet market-specific requirements.
- Optional air-controlled release: Allows easy release from the truck cab, ideal for hard-to-reach areas.
- Manual operation: Can be manually tightened if necessary for added versatility.

The EXTE TU tensioner offers a reliable and efficient solution for heavy-duty load securing.

1	802390	TU tensioner w. air valve kit
2	802311	Strap drum with 10 m strap
3	800867	Strap guide for 50 mm strap
4	780056	Platform channel
5	800233	Release mechanism kit platform



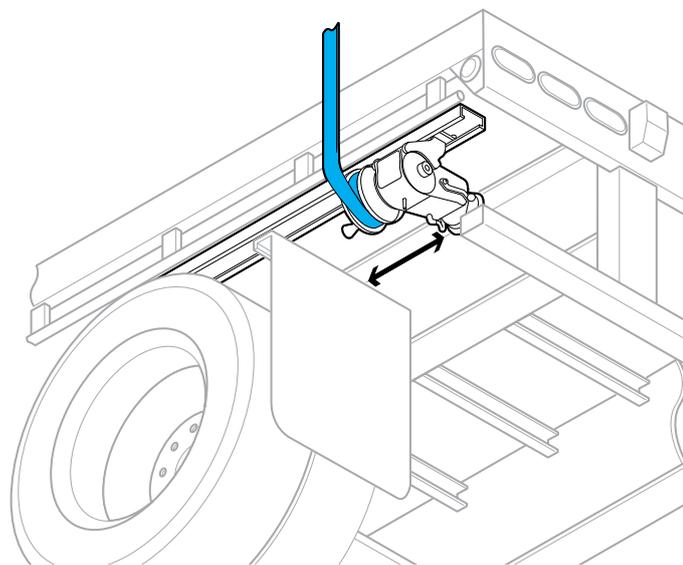
## EXTE TU - Compact and Reliable

The tensioner features a reliable mechanism and can be mounted on a timber bunk or chassis frame. It is easy to replace wear parts and it requires minimal maintenance.

Strap drums, available for various needs, are easy to replace. The tensioner's mechanism can be released manually or with an air-controlled release (remote control is available as an option), which is advantageous when accessibility is limited.

## Flexible Attachment Solutions for the ExTe TU Tensioner

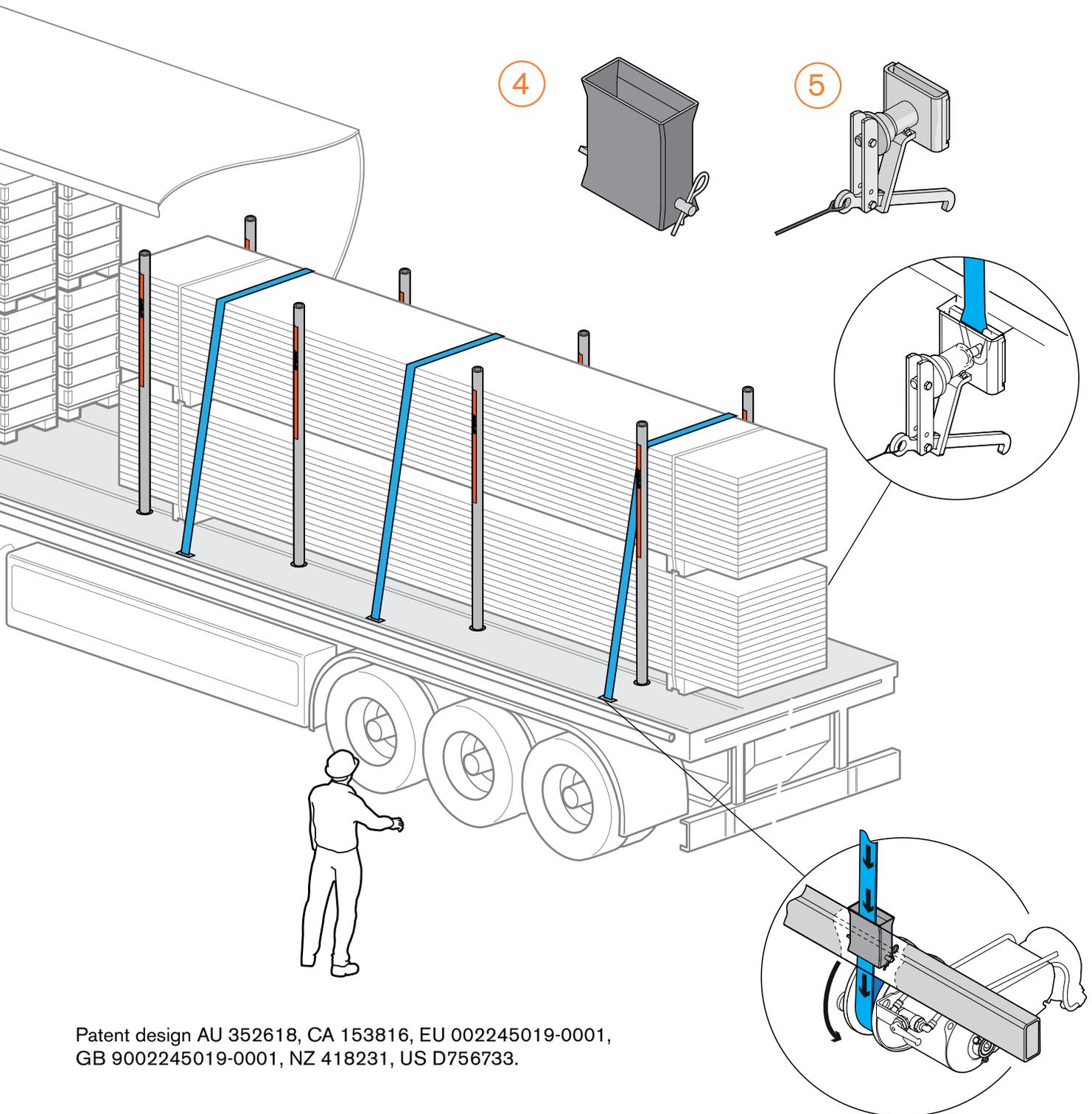
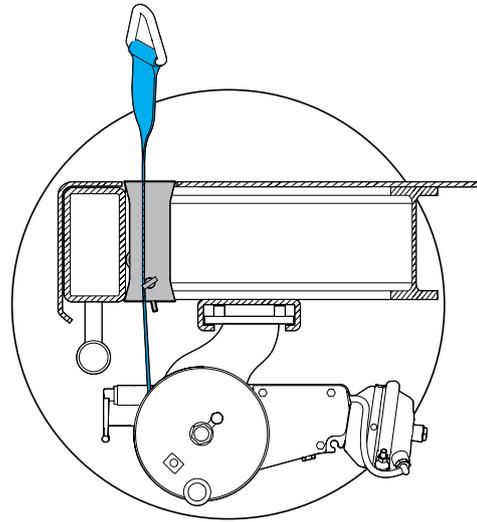
We offer a variety of solutions for attaching the TU tensioner to vehicles, with the option for sliding channels being one of them. This enhances the adaptability of our system for various applications.



## Platform channel for Straps

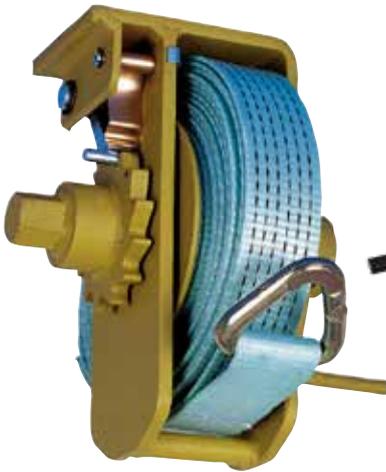
Custom-made fitting that folds into the edge beam of the deck.

- Increases precision and safety during strap rolling.
- Allows the strap to run straight up through the fitting from the tensioner mounted underneath.
- Ensures the strap does not lose tension or rub against the outer edge of the beam.
- Features a pin that stops the strap when the loop at the end reaches the fitting.



Patent design AU 352618, CA 153816, EU 002245019-0001,  
GB 9002245019-0001, NZ 418231, US D756733.

# MANUAL TENSIONERS AND TIE-DOWN PRODUCTS WITH A FOCUS ON GENERAL CARGO.



TENSIONER 601



TENSIONER 602



TENSIONER 801



TIE-DOWN HOOKS AND LOOPS



VIP-HOOK



### **Tested and certified.**

A product group with safe and functional solutions for securing loads of all types of transport, primarily unit loads. The product group includes several types of manual tensioners, tie-down fittings, and straps.

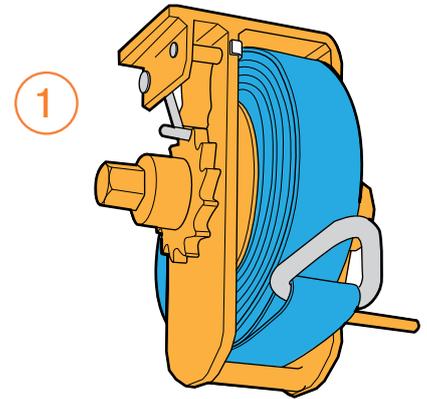


**Manual Tensioners: 601, 602 & 801**

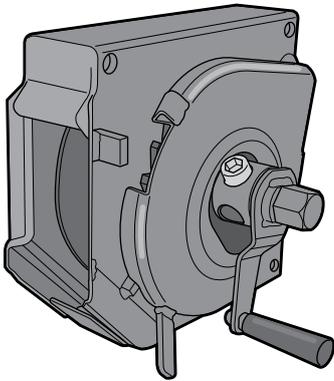
Manual tensioners are primarily designed for securing loads of rigid goods. The tensioners feature built-in strap storage and are made of steel. A spring-loaded locking function and interchangeable bearings ensure reliable and efficient operation. For their intended use, the tensioners are highly rational and cost-effective.

LC: 3,000 kp  
 Breaking Strength: 6,000 kp

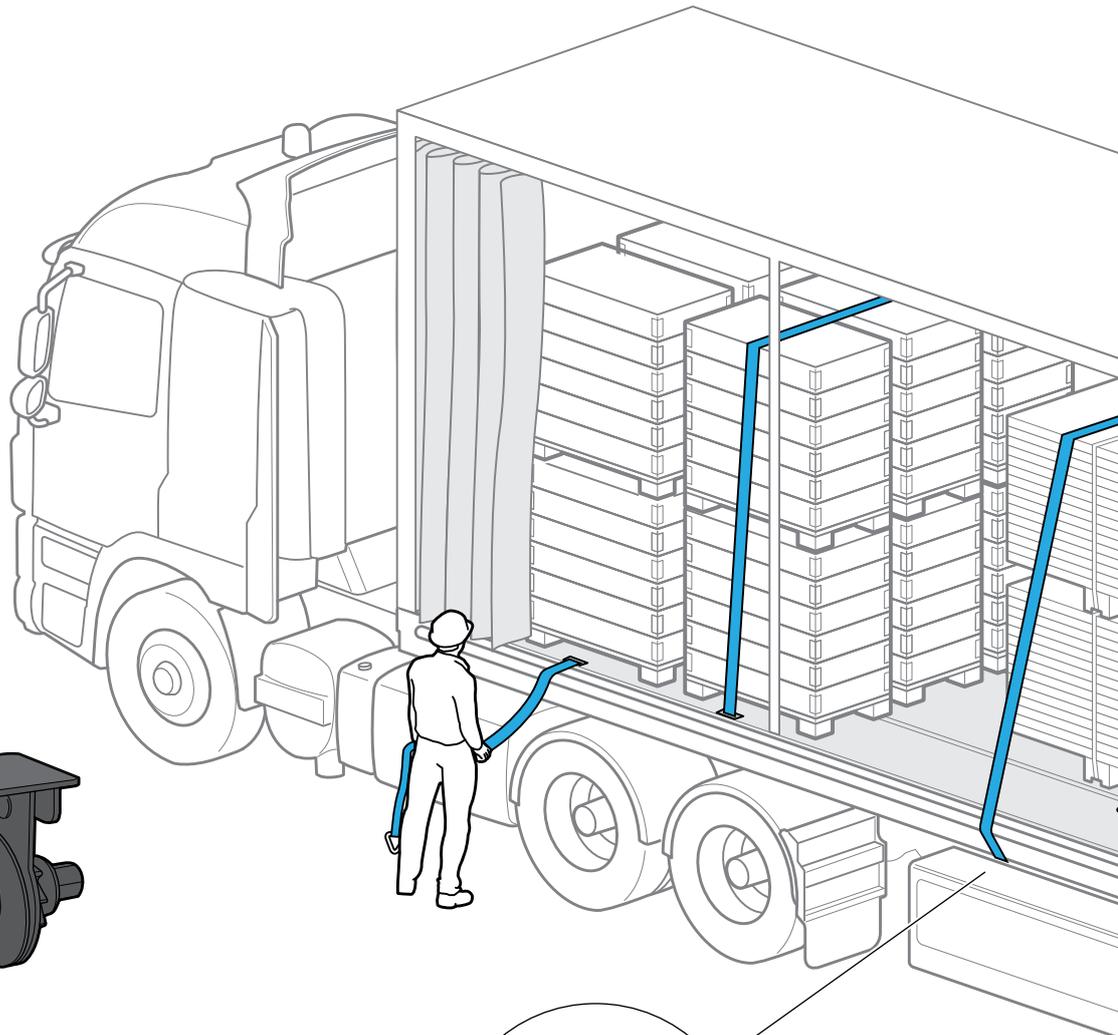
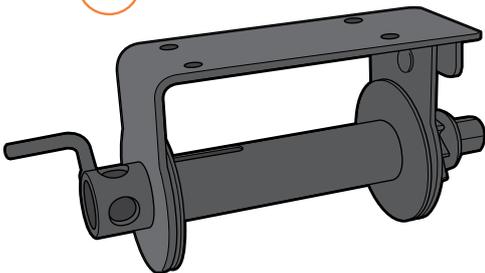
1	760100	Tensioner 601
2	780100	Tensioner 801
3	760200	Tensioner 602



2



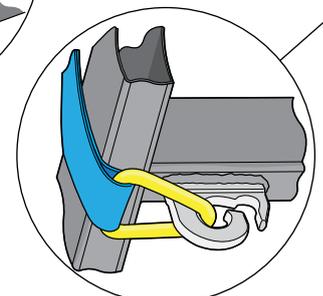
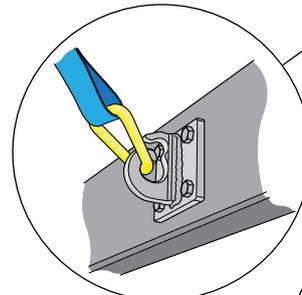
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**Straps and Spreader Straps**

All straps have a length of 10 meters. They are durable, impregnated, and have a breaking strength of 5 or 6 tons.

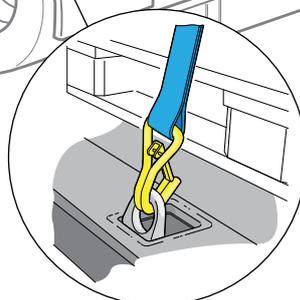
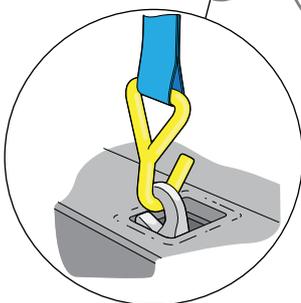
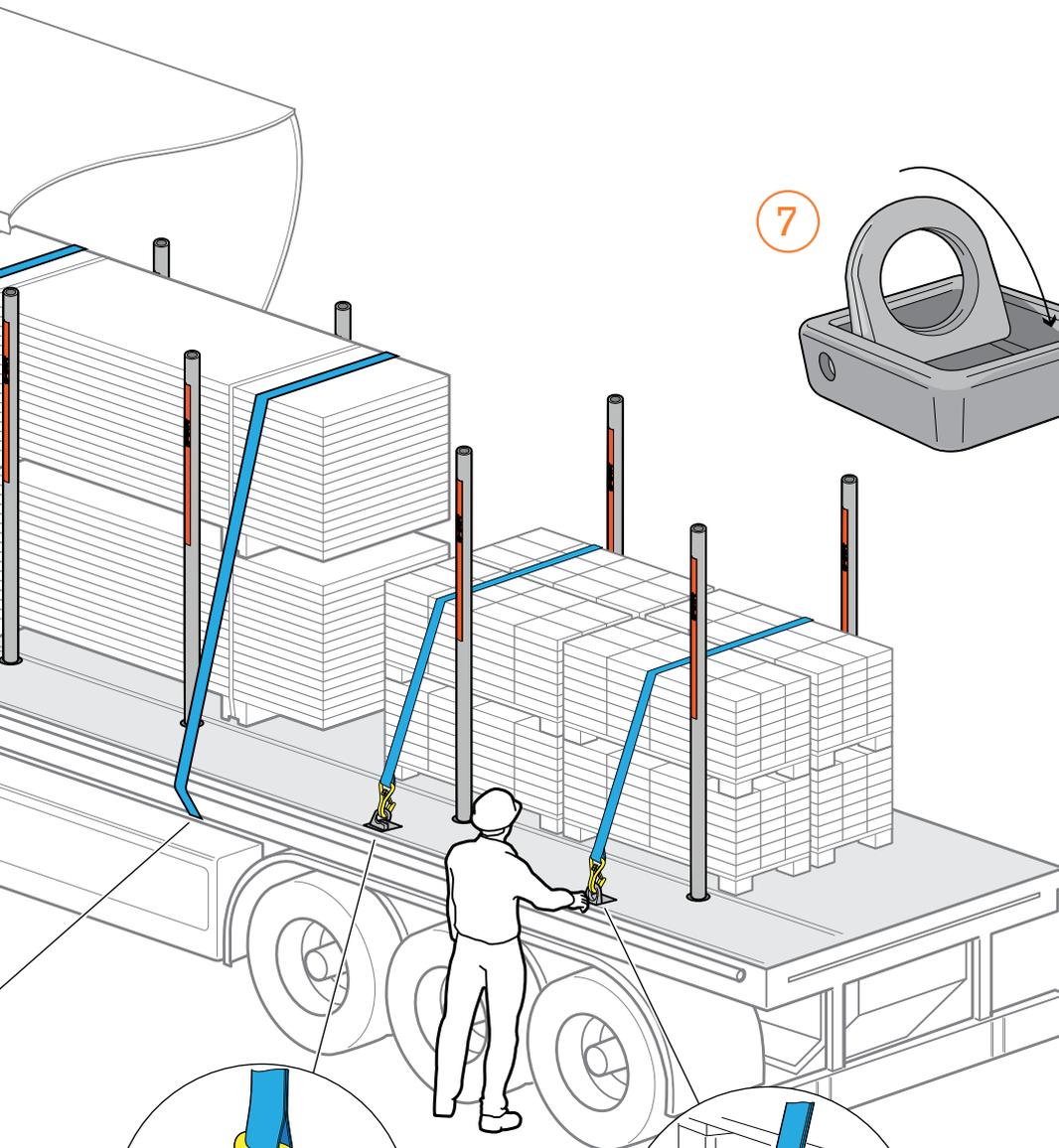
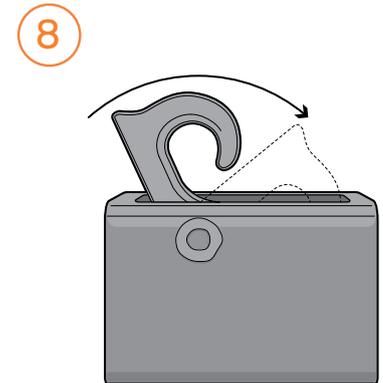
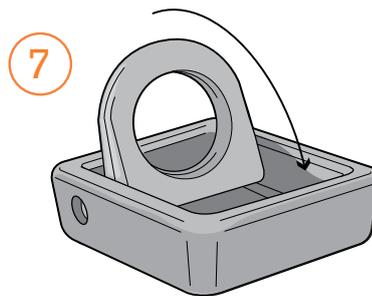
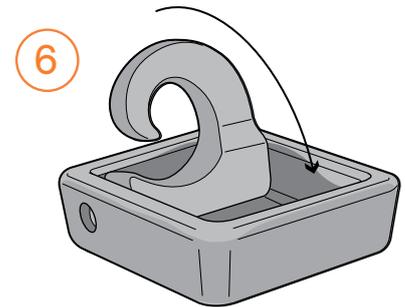
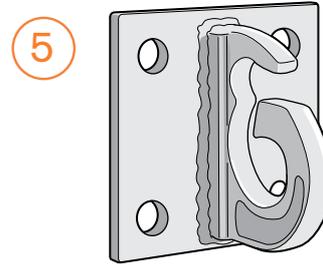
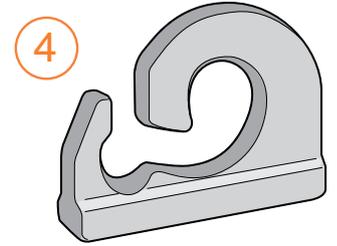
The Spreader Straps are 0.5 and 0.6 meters long with a width of 50 mm. Breaking strength: 6 tons.



## Loops and Hooks for Load Securing

- Several options for loops and hooks available for both bolting and welding.
- Hooks and loops are also available in a folding design.
- The special VIP hook (pos 8) is designed for installation by welding into the edge profile of the deck. When not in use, the hook retracts into the socket, preventing obstruction during loading and unloading.
- All have a breaking strength of 6 tons.

4	780603	Tie-down hook (for welding)
5	780309	Tie-down hook on plate (for bolting)
6	780605	Tie-down hook - folding
7	780610	Tie-down loop - folding
8	780615	Tie-down hook VIP - folding



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