

LAS 10343 Tensioning and Securing Strap Set



LAS 10343 Tensioning and Securing Strap Set Instruction Manual

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LAS 10343 Tensioning and Securing Strap Set



Specifications

- Tensioning strap with ratchet and hook:
 - Lashing force, LC: 200 daN
 - Manual tensioning force, SHF: 25 daN
 - Pre-tensioning force, STF: 84 daN
 - Length: LGF: 0.35 m, LGL: 3.15 m
 - Width: 25 mm
 - Material: PES
- Tensioning strap with clamping lock:
 - Lashing force, LC: 200 daN
 - Length: LG : 2.50 m
 - Width: 25 mm
 - Material: PP
- Tensioning belts:
 - Length: L1: 0.80 m, L2: 1.20 m
 - Maximum permitted force: 80 N
 - Material: Rubber + PP

Product Usage Instructions:

Proper Use of the Product:

The tensioning straps are designed for securing and lashing objects inside vehicles or on the bed. They are only to be used to tie down or lash objects and should never be used to lift loads. It is important to observe the lashing

specifications on the strap.

Scope of Delivery:

The set includes:

- 2 x tensioning straps with ratchet and hook
- 2 x tensioning straps with clamping lock
- 2 x tensioning belts (0.80 m)
- 2 x tensioning belts (1.20 m)
- 1 x operating instructions

Operating Instructions:

- Never load the strap in excess of the permitted lashing force specified on the label.
- Ensure the strap is securely fastened and tightened according to the instructions provided.
- Avoid sharp edges or abrasive surfaces that may damage the strap.

FAQ:

Q: Can the tensioning belts be used for load securing?

A: No, the tensioning belts may not be used for load securing.

WARNING

Read the operating instructions through carefully prior to initial use and observe all of the safety notes! Not observing such may lead to personal injury, damage to the device or to your property! Store the original packaging, the receipt and these instructions so that they may be consulted at a later date! When passing on the product, please include these operating instructions as well. Please check the contents of package for integrity and completeness prior to use!

PROPER USE OF THE PRODUCT

The tensioning straps are designed for the securing and lashing of objects inside vehicles or on the bed. Only to be used to tie down or lash, never use to lift loads! Observe the lashing specifications on the strap!

This device is not designed to be used by children or persons with limited mental abilities or without experience and/or lack of required specialist knowledge. Keep children away from the device.

Utilisation according to the intended purpose also includes the observance of all information in these operating instructions, particularly the observance of the safety instructions. Any other utilisation is considered to be contrary to the intended purpose and may lead to material damage or personal injuries. EAL GmbH assumes no liability for damage resulting from improper use.

SCOPE OF DELIVERY

- 2 x tensioning straps, 2-pieces with ratchet and hook
- 2 x tensioning straps, 1-piece with clamping lock
- 2 x tensioning belts, length 0.80 m
- 2 x tensioning belts, length 1.20 m
- 1 x operating instructions

SPECIFICATIONS

Tensioning strap with ratchet and hook:

- Lashing force, LC: 200 daN
- Manual tensioning force, SHF: 25 daN
- Pre-tensioning force, STF: 84 daN
- Length: LGF: 0.35 m, LGL: 3.15 m
- Width: 25 mm
- Material: PES

Tensioning strap with clamping lock

Lashing force, LC: 200 daN



- Length: LG : 2.50 m
- Width: 25 mm
- Material: PP

Tensioning belts

- Length: L1: 0.80 m, L2: 1.20 m
- Maximum permitted force: 80 N
- Material: Rubber + PP

SAFETY PRECAUTIONS

- The warning sign indicates all instructions which are important for safety. Always follow these otherwise you could injure yourself or damage the device.
- Children may not play with the device.
- Cleaning and user maintenance may not be carried out by children without supervision.
- Do not treat packaging material carelessly. This may become a dangerous plaything for a child!
- Only use this product for its designated purpose!
- Do not manipulate or disassemble the device!
- For your own safety, only use accessories and spare parts that are stated in these instructions or that are recommended by the manufacturer!

MONITORING

- Before using, check the tensioning strap for potential damages. In the event of damage to the strap or the metal parts, immediately cease to use the tensioning strap.
 - Lashing straps contaminated with aggressive or other substances must be examined carefully and checked as required. The use of such can be dangerous.
 - The lashing straps and components are to be checked at least once a year by a specialist. Depending on the conditions of use, an additional check may be required.
- ### **4.2 WITHDRAWAL FROM USE**

The tensioning strap may no longer be used in the event of:

- Thread breaks and cuts, especially when caused by sharp edges
- Missing or no longer legible labelling
- Damage to the connection
- Damage or deformation due to the effects of heat
- Damages caused by aggressive substances

The connecting and tensioning elements may no longer be used in the event of:

- Cracks, breaks or signs of considerable corrosion
- Opening $> 0.05 - x$ in hook mouth or other deformations
- Visible, lasting deformation on carrying parts

The tensioning belts may not be used for load securing!

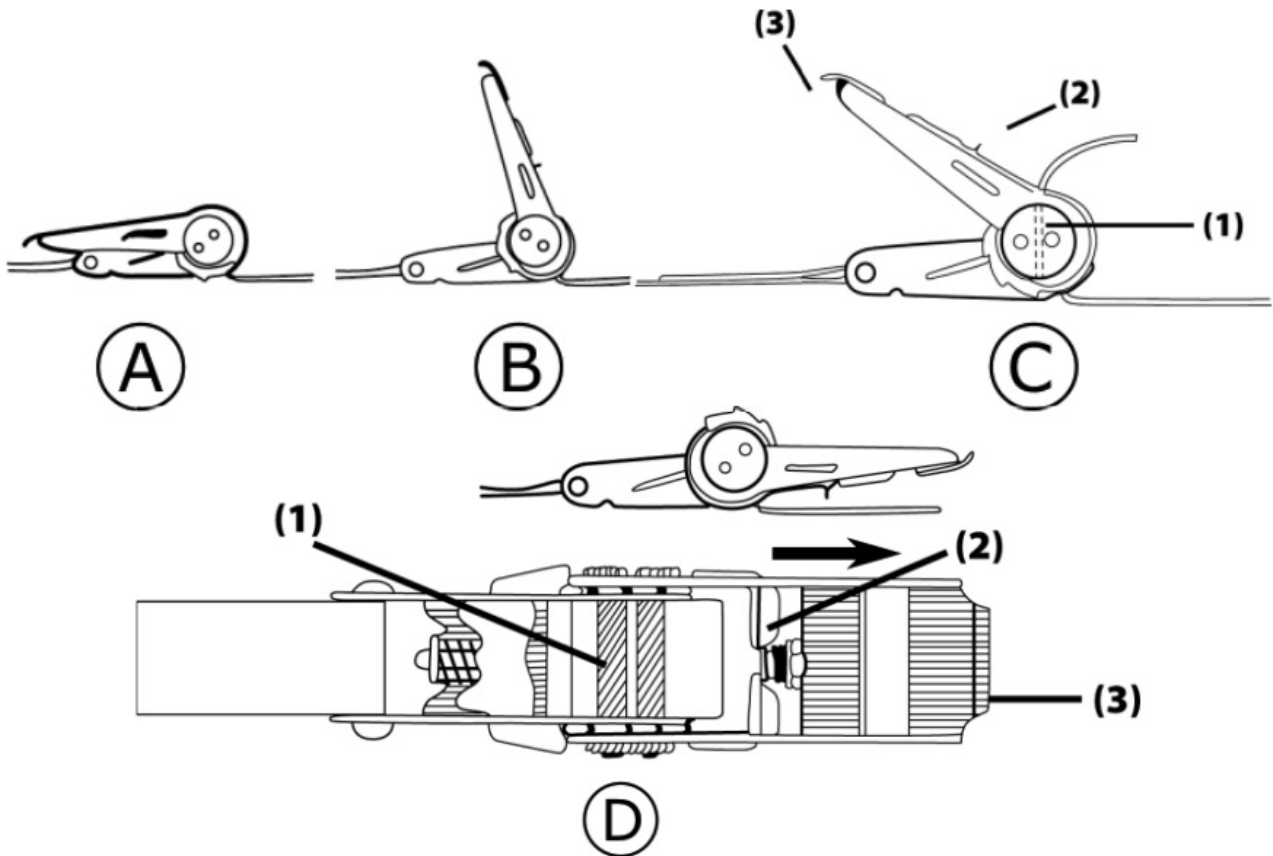
OPERATING INSTRUCTIONS

If these instructions are not observed, the result may be personal injury, damages to the vehicle or the load. Never load the strap in excess of the permitted lashing force specified on the label.

- Before using, select the tensioning strap according to the intended method of lashing, the required lashing force, the surface of the load and check this (see label-ling sticker). When tie-down lashing, it is recommend to ensure that the necessary pre-tensioning forces can be applied in a controlled manner.
- Make sure that the vehicle parts that the load is secured to are suitable for the job and offer sufficient stability.
- Remember that additional acceleration and lateral forces will be generated by the wind.
- Tensioning straps may not be knotted.
- Caution – When the road curves, or the vehicle brakes, the straps may yield. (Carry out brake testing) Protect objects with large surfaces from wind loads.
- These straps are not suitable for lifting and carrying loads.
- Permitted lashing force: 200 daN.
- Do not tension the strap over sharp corners or edges.
- Lashing straps may not be twisted and the full width must make contact.
- No loads may be placed on top of the tensioning strap.
- The strap may not be positioned up against a hot surface.
- The tensioning belts may only be used in the following temperature ranges: Polypropylene (PP):
 - 40°C to +80°C, Polyamid (PA): -40°C to +100°C, Polyester (PES): -40°C to +120°C
- Always use 2 straps, either crossed over or in parallel.
- The tip of the lashing hook may not be loaded unless it is a specialist hook designed specifically for this use.
- In order to prevent a lashing hook from becoming loose and unsecured in a lashing point on the load area, it should be placed from the inside out.
- When using polyamide or polyester tensioning straps, contaminations may be removed using ordinary solvents. The tensioning strap must be allows to dry fully. When using ordinary solvents, the applicable regulations are to be observed (e.g. data sheet for chlorinated hydrocarbon ZH 1/194)

TENSIONING STRAPS WITH RATCHET

- Never position the hook and manual ratchet at an edge.
- Never lengthen the tensioning lever of the manual ratchet in order to achieve greater forces when this is not expressly permitted.
- In order to ensure it is securely positioned, 1.5 turns of the strap should be applied to the ratchet. Pre-tension the strap by hand so that not more than 3 turns of the strap must be applied to the manual ratchet in order to lash the load.



FIXTURE

Place the strap carefully around the transportation load and guide the loose end of the strap through the slot (1).

The strap is tensioned by moving the ratchet handle (3) back and forth. (See Figures A, B and C)

The transportation load is secured by bringing the ratchet handle (3) to the home position, Figure A.

To open the strap, the ratchet locking mechanism (2) is pulled up and the ratchet handle (3) is pushed forwards (Figure D). Now pull the strap out of the slot (1).

TENSIONING STRAPS WITH CLAMPING LOCK

These tensioning straps may only be used to wrap or bundle objects. They are not suitable as tie-downs for a load since they are only fitted with a clamping lock.

Wrap the strap around the objects. Make sure that the strap is not twisted. To close the strap, push the lever on the top of the lock down and guide the loose end of the strap, from below, through the lock. Then release the lever. Tension the strap by holding the part with the clamping lock in one hand and use the other hand to pull the loose section in the opposite direction through the lock.

Release the tensioning strap by pushing down on the lever and holding. Pull the loose end out of the lock.

TENSIONING BELTS

The tensioning belts may not be used for load securing due to their elasticity.

Only use the tensioning belts to secure lightweight objects in the boot of your vehicle or to the luggage rack of your bicycle. Hook the tensioning belt to a suitable part of the vehicle and secure the object under it.

Hold the tensioning belt firmly as you do so. The tensioning belt may cause injuries if it slips under tension.

STORAGE AND MAINTENANCE

STORAGE

- Only store the straps in dry, lightly heated spaces.
- Protect from major sunlight.
- Do not dry or store the strap in the vicinity of fire, radiators, heating pipes or other locations with extreme temperatures.
- Never store with chemicals.

MAINTENANCE

Maintenance work may only be carried out by the manufacturer or persons named by the manufacturer.

NOTES REGARDING ENVIRONMENTAL PROTECTION

Please dispose of the tensioning straps via the recycling bin or the public/municipal collection points

The materials are recyclable. You make an important contribution to protecting our environment by recycling, material utilisation or other forms of reusing waste equipment!.

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Documents / Resources

 <p>The image shows a collection of black and grey webbing straps with various buckles and connectors, arranged on a white background. The LAS logo is visible in the top right corner of the image area.</p>	<p>LAS 10343 Tensioning and Securing Strap Set [pdf] Instruction Manual 10343, 10343 Tensioning and Securing Strap Set, Tensioning and Securing Strap Set, Securing Strap Set, Strap Set, Set</p>
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References

- [!\[\]\(eae20f1adff742df783f6f7e3bbe72d1_img.jpg\) vertrieb.com](https://www.vertrieb.com)
- [**E** Vertrieb Kfz-, Caravan-, Anhänger-und, Fahrradträger und Zubehör](#)
- [User Manual](#)

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