PROFESSIONAL

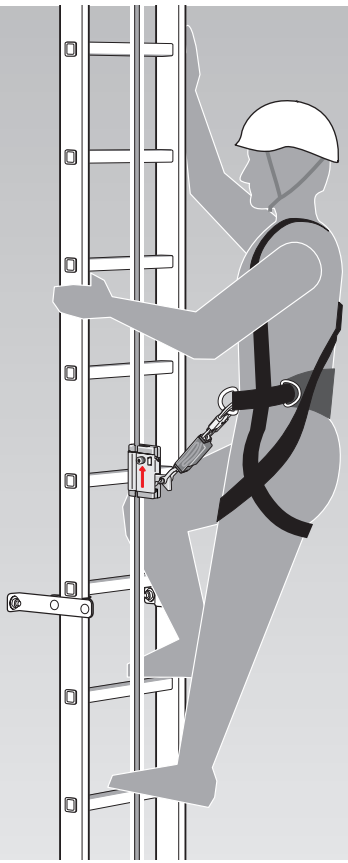
Guided type fall arrester including rigid anchor line - H-8 System

(EU) 2016/425
DIN EN 353-1:2018

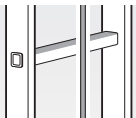
Rope System ø 8 mm
System Components

Information booklet about

- Assembly
- Using
- Inspection



Professional Ladder Technology for
Structural Engineering, Wind Turbines, Shaft Equipment



1. General information, explanation of symbols

Manufacturer:

HAILO-Werk

Daimlerstr. 2,
35708 Haiger, Germany

☎ +49 (0) 2773 82-0
Fax +49 (0) 2773 82-1561

E-mail: info@hailo-professional.de
www.hailo-professional.de

This information brochure describes the installation, use and inspection of the H-8 fall protection system.

For your safety, please read this information brochure carefully before use.

Certifying and supervising body:

TÜV Austria GmbH

Deutschstraße 10

1230 Wien, Austria

Identification no. 0408

For ease of understanding, this brochure has replaced the term used in DIN EN 353-1:2018, “Guided type fall arrester including rigid anchor line”, with “fall arrest system”.

EU Declaration of Conformity and EU-Type Test Certificate:

Only the SSL-8-R1 fall arrester may be used on the H-8 fall protection system.

The SSL-8-R1 fall arrester may only be used, maintained and inspected in accordance with the specifications in the Hailo SSL-8-R1 fall arrester information brochure and integrated shock absorber BFD-50/8-1.

The warranty will become null and void in the event of damage caused by non-observance of this booklet. No liability shall be assumed for any consequential damage arising from this.

If the equipment is resold to another country, it is necessary for the safety of the user that the retailer provides the buyer with the information in this brochure in the respective national language.

Symbols used in this information booklet:

General warning advice

Risk of fatal injury in the event of a fall

See documentation

Use Personal Protective Equipment (PPE) against falls from a height

General instructions

Additional advice

Contents:

2. System data

Information about the site of installation *(to be completed by the operator)*

Name (operator): . . . . . Telephone: . . . . .

Street: . . . . . Telefax: . . . . .

Postcode, location: . . . . . E-mail: . . . . .

Date of commissioning: . . . . . .

Date *Operator's signature*

Information about the system *(to be completed by the installation supervisor)*

Ladder system . . . . . .

- ☐ Ladder system (Hailo)
- ☐ Ladder system (on-site)
- ☐ Step irons (on-site)

Ladder material . . . . . .

- ☐ AL (aluminium)
- ☐ VA (stainless steel)
- ☐ ST (galvanised steel)
- ☐ Other

Rope design . . . . . .

ES 8 (Stainless steel)

ZS 8 (Steel-galvanized)

Markings *(see wire rope thimble swaging on rope)*

Batch no./Plate no.:

. . . . . .

Type of mounting . . . . . .

- ☐ laterally on ladder rung
- ☐ centrally on ladder rung
- ☐ on the on-site ladder system
- ☐ on the structure
  (e.g. between or next to the step irons)

Date *Installation supervisor's signature*

3. Intended use

- The H-8 fall arrest system is designed as a fall safety when using rung ladders and pole climbers, both above ground and below ground.
  It is designed for a safe ascent and descent of service personnel to workstations at higher or lower levels.
- When using the H-8 fall protection system, the Hailo fall arrester SSL-8-R1 is mandatory as personal protective equipment (PPE).
- The fall protection system may only be used within the operating conditions described in this information booklet.
  Any other use (e.g. as workplace positioning or as an anchor point) is prohibited and can lead to failure of the safety system in the event of a fall. No liability is assumed for personal injury or property damage resulting from violations of the provisions outlined in this booklet or from failure to comply with the safety instructions.

4. Safety instructions

WARNING

Falling hazard!

When performing assembly work at height there is a risk of injury from falling.
A fall can lead to serious injuries or even death.
It is essential to observe the safety instructions.

- Only persons who have been instructed in the use of vertical ladder and fall protection systems may use the H-8 fall protection system and the SSL-8-R1 fall arrester. The user of the fall arrest system must be physically and mentally capable of movement using the respective equipment. Safety in normal or emergency conditions must not be compromised.
- The contractor or operator of a plant must put in place a plan which covers all possible emergencies that might arise when using the fall arrest system and outlines the measures required for rescuing personnel.
- The accident prevention regulations
  DGUV regulation 1 and
  DGUV rules 112-198/199 (Germany)
  must be respected.
  Testing must adhere to the respective national operating and testing regulations.
- Only Hailo system components may be used on the H-8 fall protection system. A combination with components from other manufacturers is not permitted. Written approval must be obtained from Hailo if the use of components from other manufacturers is unavoidable.
- No more than 3 persons may use the fall arrest system at the same time. The distance between individual users must be at least 6 m.

4. Safety instructions

- The fall protection system is intended for operation in a temperature range of -40°C to +50°C.
- Extreme temperature and weather conditions (e.g. heavy rain, snow and ice, temperatures < -40 °C or > +50 °C) may prevent the correct function of the fall protection system.
  In this case the fall protection system may not be used.
- If a Hailo fall protection system H-50 is retrofitted to an existing ladder system that complies with the EN ISO 14122-4, DIN 18799-1 or EN 14396 standard, if any doubt concerning suitability exists, e.g. in the case of a smaller cross-section, in the case of a non-load-bearing bar/rung connection, in the case of corrosion or in the case of poor anchoring to the structure, safe use must be ensured taking into account the rules of technology or by planning and assessment by an engineering office.

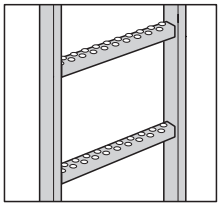
  It must be ensured that a dynamic load of 6 kN and a static load of 15 kN occurring in the event of a fall can be absorbed by the entire system.
- If the required confirmation (for safe force absorption on the on-site structure) is not provided, the manufacturer may be exempted from product liability in the event of damage. Liability is then transferred to the operator.
- Before each use objects must be cleared from the workplace below the user to prevent impacting an object in the event of a fall.
  A safety clearance (3 m) must also be observed (see 9. Markings and instructions).
- Transport and storage:
  All components of the system must be secured in such a way that their function is not impaired and all components are in a safe condition.
- Before assembling the fall protection system, all the parts must first be inspected to ensure they are in sound condition.
  The system components must show no signs of transport damage.
- The system or component parts of the system are to be replaced immediately if there is any doubt as to their safe condition. This task must be carried out by the manufacturer or by other trained personnel.
- A system or component of the system that has been stressed by a fall shall be inspected by a competent person before further use and repaired or replaced if necessary.
- When carrying out installation, maintenance or repair work, make sure that no scaffolding, platforms or other objects can protrude into the fall zone constituting a further hazard in the event of a fall.
- The fall protection system must not be used if it is dirty or damaged.
  In particular, the rope system must be kept in a clean and sound condition. Contact with oils, acids or other corrosive liquids must be avoided.
- When a fall protection system is retrofitted by the operator, the relevant standards must be complied with (see 5. Standards and regulations).

5. Standards and regulations

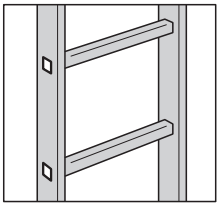
(EU) 2016/425	*Regulation on personal protective equipment*
BetrSichV	*Ordinance on Safety and Health Protection in the Use of Work Equipment (Ordinance on Industrial Safety and Health, BetrSichV)*
DGUV Regulation 1	*Accident prevention regulations "Principles of prevention"*
DGUV Information 208-016	*Guidelines for the use of ladders and steps*
DGUV Rule 112-198	*Ruling on the use of personal protective equipment to prevent falls*
DGUV Rule 112-199	*Ruling on the use of personal protective equipment for rescue at height or underground*
DIN EN 353-1:2018	*Personal protective equipment to prevent falls from height: Guided type fall arrester including fixed guide line*
EN 361	*Personal protective equipment to prevent falls from height: Safety harness*
EN 13101	*Step irons in shafts*
EN ISO 14122-1	*Safety of machinery - Permanent means of access to machinery Part 1: Choice of fixed access between two levels*
EN ISO 14122-4	*Safety of machinery - Permanent means of access to machinery Part 4: Fixed ladders*
EN 14396	*Fixed ladders for shafts*
DIN 18799-1	*Fixed ladder systems for construction works Part 1: Fixed ladders with uprights Safety requirements and tests*
EN 795	*Personal fall protection - Anchor devices*
DIN CEN/TS 16415	*Anchor devices: Recommendations for the use of anchor devices for use by several persons at the same time*
EN 50308/B-1	*Wind turbines - Work safety*

6. Overview of System Components

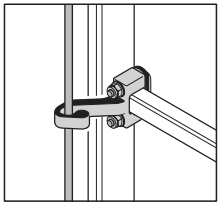
All the illustrations provided are examples and may differ from the version shown depending on the design.



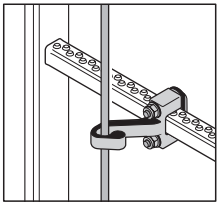
Rung ladder
Mat.: stainless steel / steel-galvanized



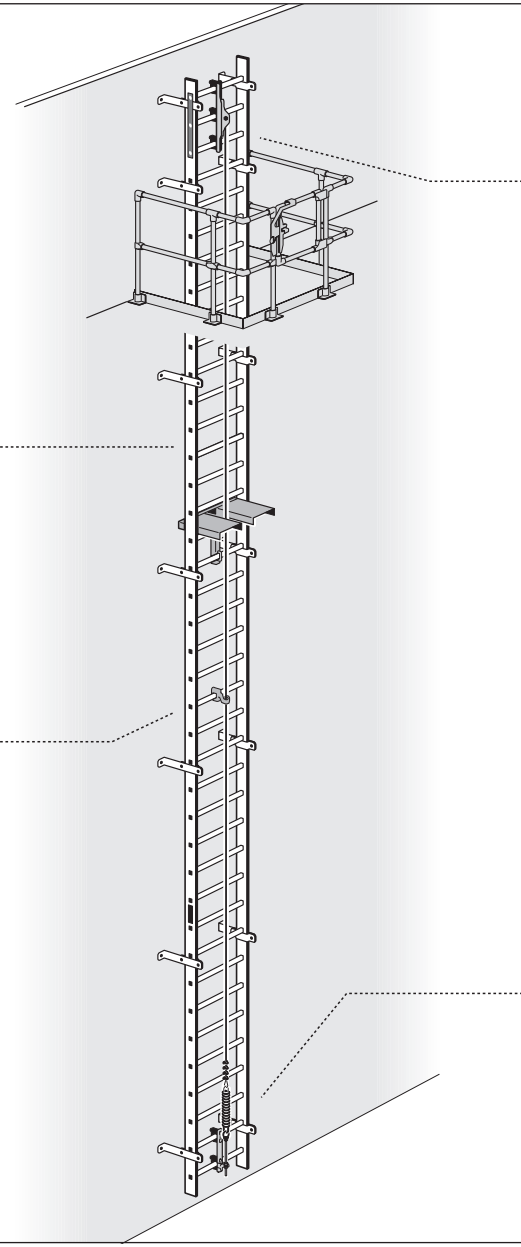
Rung ladder
Mat.: aluminium



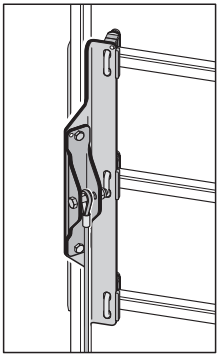
Rope guide fitted sideways on the rung



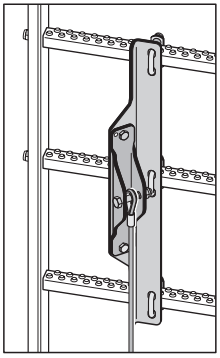
Rope guide fitted centered on the rung



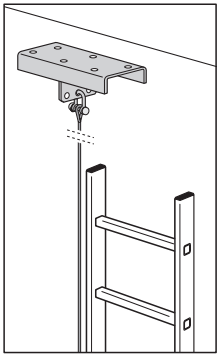
For more information on the design and item number of the individual products, please visit: www.hailo-professional.de



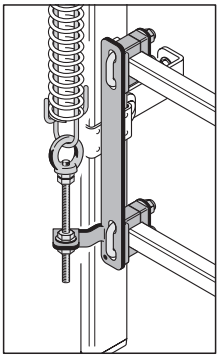
Rope attachment TOP, sideways on the rung



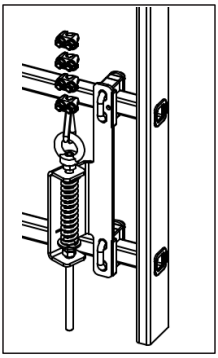
Rope attachment TOP, centered on the rung



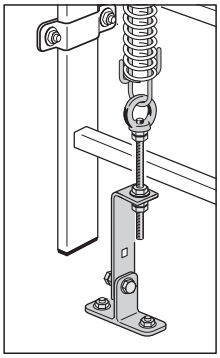
Rope attachment TOP, on structure



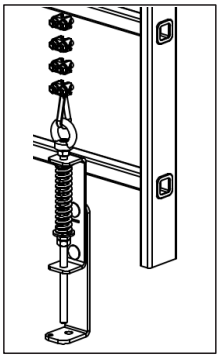
Rope attachment BELOW, on the rung, type LRM



Rope attachment BELOW, on the rung, type LRM-DF



Rope attachment BELOW, on structure



Rope attachment BELOW, on structure, type-DF

7. Installation instructions

Preliminary information

- It must be ensured that the requisite loads can be absorbed by the structure before starting the installation.
- If the relevant information (documents) is not available, a static expert opinion that takes the required load absorption into account is absolutely necessary and must also be verified.
- If the required confirmation (for safe force absorption on the on-site structure) is not provided, the manufacturer may be exempted from product liability in the event of damage. Liability is then transferred to the operator.
- Please observe the instructions for the installation of the fixed guide including the maximum installation angle of inclination of +15°/-0° to the vertical.
- Unless special control measures are taken, fall protection systems made of stainless steel should not be installed in a highly corrosive atmosphere due to the risk of invisible stress corrosion resulting in cracking.

Before installing the vertical ladder, make sure that the force transmission to the load-bearing structure is guaranteed with sufficient safety (consult the structural engineer)!

Comply with the installation instructions of the anchor manufacturer.

Installation personnel

- A minimum of two persons are required to install the fall protection system.
- The installation personnel must not be fixed to the system to be installed.
- An approved anchor point in accordance with EN 795 must be used on the building or other structure.

Information for installation on concrete structures:

- Only anchors approved by the building authorities may be used for concrete structures.
- For non-defined substrates, the fixing system must be designed in consultation with the structural engineer.
- Requirement on the concrete:
  A minimum concrete quality of C 30/37 is required.

Information for mounting on masonry:

- Only anchors approved by the building authorities may be used for masonry.
- For non-defined substrates, the fixing system must be designed in consultation with the structural engineer.
- It is also possible to anchor the system through the masonry using a counter plate. This should be discussed and verified with the structural engineer.

Screw tightening torques

- Joints using
  steel screws:

  max. tightening torque M_A (Nm) at a total coefficient of friction of $\mu = 0.08$
  ($\mu = 0.08$ corresponds to a galvanised dry surface free of oil)

Strength class 8.8:	Strength class 10.9:
M 8 = 17.9 Nm	M 8 = 26.2 Nm
M 10 = 36.0 Nm	M 10 = 53.0 Nm
M 12 = 61.0 Nm	M 12 = 90.0 Nm
M 16 = 147.0 Nm	M 16 = 216.0 Nm
M 20 = 297.0 Nm	M 20 = 423.0 Nm

- Joints using
  stainless steel screws A2 + A4:

  max. tightening torque M_A (Nm) at a total coefficient of friction of $\mu = 0.10$
  ($\mu = 0.10$ corresponds to a dry surface free of oil)

  Strength class 70:

  M 8 = 14.5 Nm
  M 10 = 30.0 Nm
  M 12 = 50.0 Nm
  M 16 = 121.0 Nm
  M 20 = 244.0 Nm

  Strength class 70 corresponds to a cold press fabrication up to nominal lengths of 8 x d and a yield strength utilisation of Rp 0.2 = 90%.

Execution of the installation work

- Only use absolutely clean and undamaged system components. Pay particular attention to ensure that the running surfaces of the rails are free of damage.
- Damaged parts must be replaced with new parts.
- An inspection plan and documentation for the H-8 fall protection system can be found on pages 28-31.
- An installation report for the fall protection system H-8 can be found on page 26/27.

Installation report

- The installation of the fall protection system H-8 must be completely documented in indelible and clear writing in the installation report by the installation supervisor of the installation company.

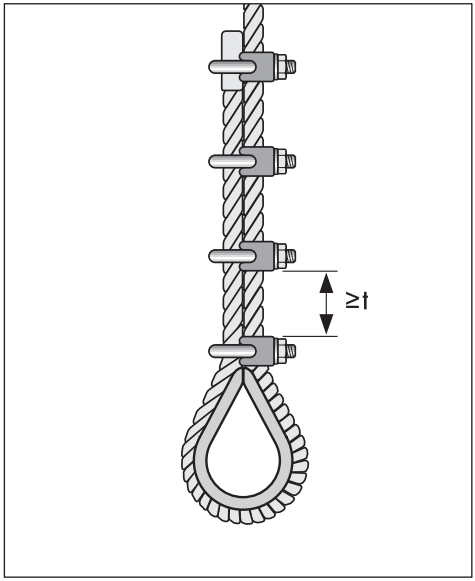
WARNING

Falling hazard!

During assembly, use a fall arrest system complying with the specifications of DIN EN 363.

8. Assembly of H-8 Fall Arrest System

8.1 Preliminary advice on installing the rope system

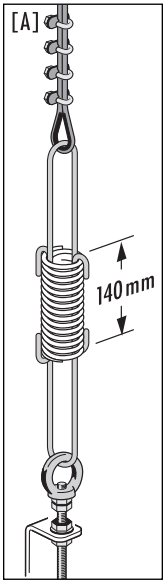


Fitting the wire cable clamps

The first wire cable clamp is attached tightly to the cable thimble. The wire cable clamps must be attached as far from each other as to leave a distance of at least one wire cable clamp width (shown as t) between them.
The shackles on the clamps should always be placed on the unstressed end of the cable.

A torque of 6 Nm is required.
(This torque applies to greased threads and contact surfaces of nuts.)

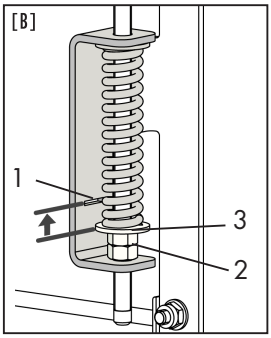
When installing and before commissioning, the collar nuts are to be tightened according to the torque specified.
After weight has been fully applied to the system for the first time, the torque must be checked once again and if necessary re-adjusted.



Setting the rope tension

[A] Preload the spring of the rope tension unit to 140 mm (this equates to a tension force of approx. 800 N).

[B] Tighten the nuts (2) until the washer (3) is level with the recess (1) in the angle plate.

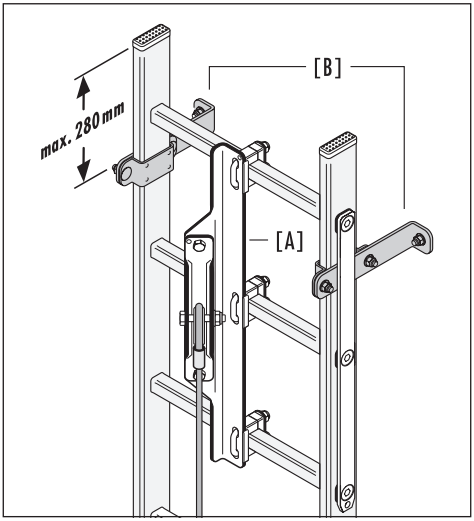


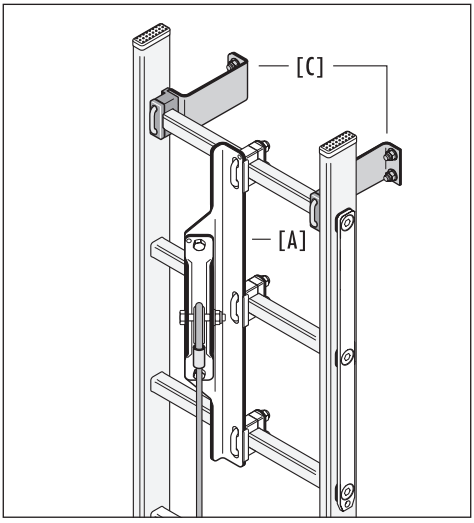
Limit stop TOP / Positioning the wall brackets

The following requirements in respect of the positioning of the upper wall brackets must be met when securing the rope system to the top 3 rungs of the ladder (on limit stop TOP [A]):

Wall bracket with upright clamp [B]:
The distance from the wall bracket to the end of the ladder must be not more than 280 mm.

Wall bracket with rung adapter [C]:
The wall bracket must be secured to the last rung of the ladder.





8. Assembly of H-8 Fall Arrest System

8.2 Positioning the rope system

The arrangement of the limit stop TOP/BOTTOM and the rope guide on the vertical ladder can be varied. The system components of the Fall Arrest System can be fitted to the vertical ladder both in the center and at the side (either to the left or to the right) and/or to the structure.

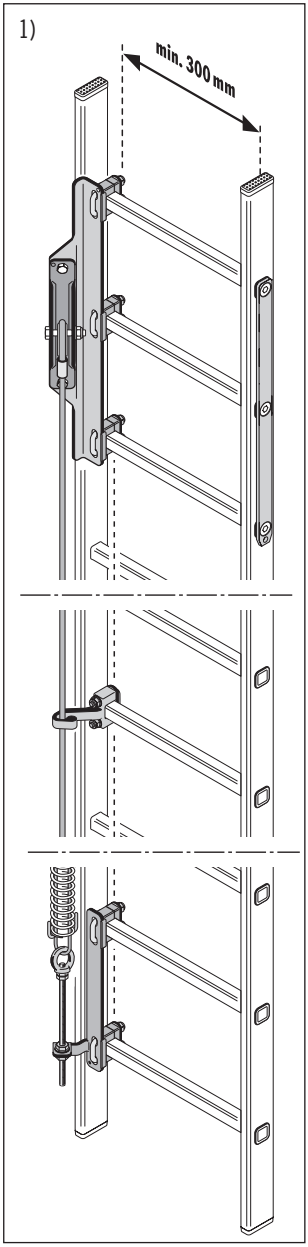
The specified tread widths must be observed without fail. These are:
Fitted in the center = min. 2 x 150 mm
Fitted to the side = min. 300 mm

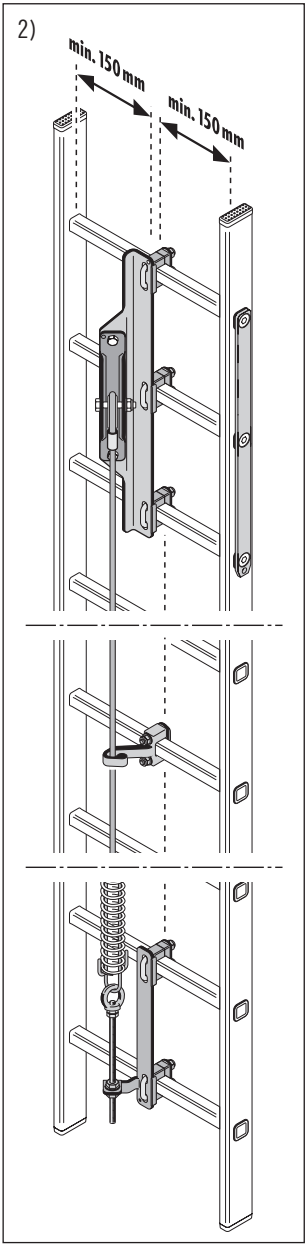
Examples:

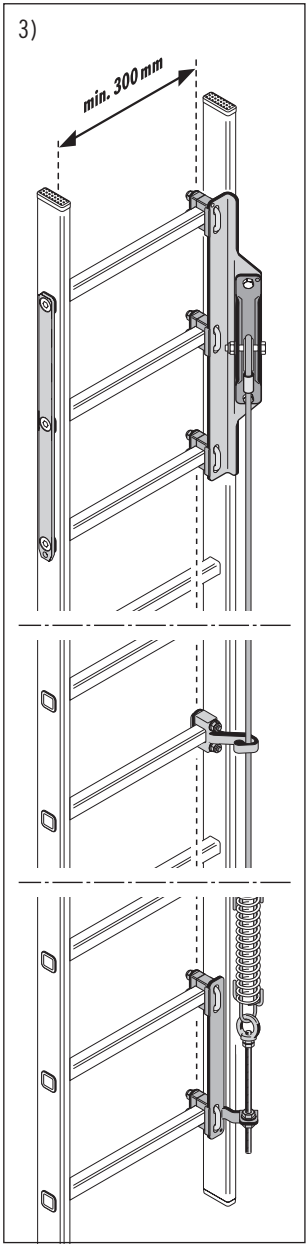
1) Fitted to the side LEFT
2) Fitted to the vertical ladder CENTER
3) Fitted to the side RIGHT *
4) Fitted to structure LEFT

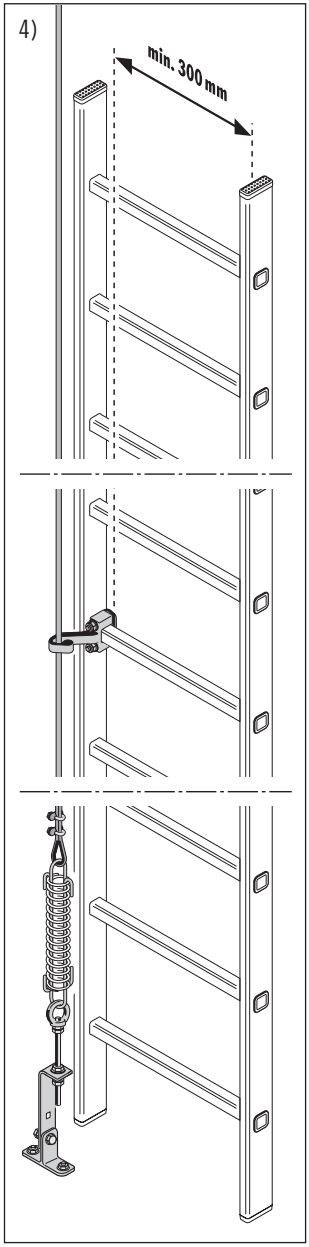
(= Arrangement of system components is turned through 180°)*

When installing the system components, ensure that the fall arrester rope is fitted in the vertical position.
The distance of the rung adaptors (Rope attachment TOP, rope guide and Rope attachment BOTTOM) to the upright must always be the same.

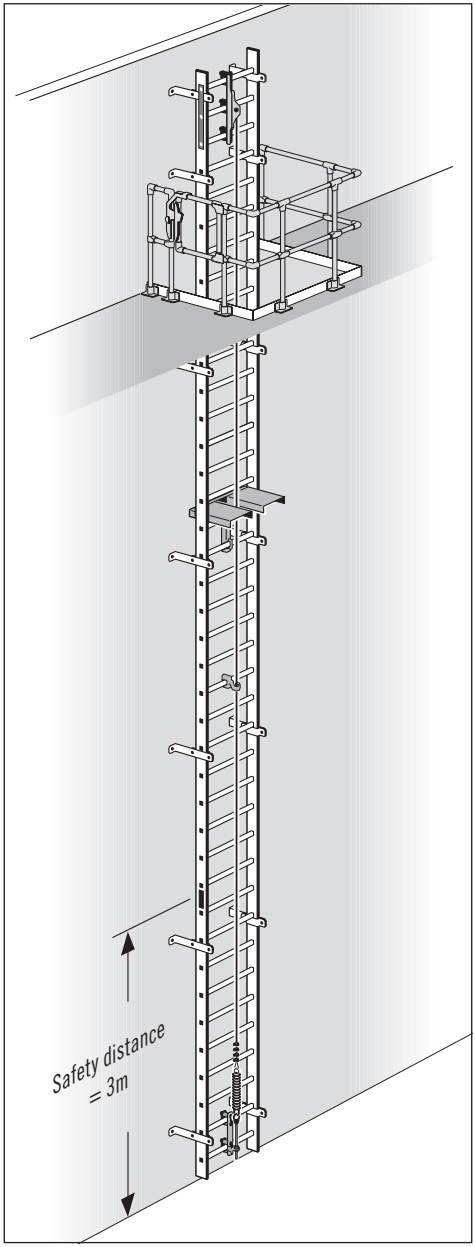



2)
min. 150 mm
min. 150 mm


3)
min. 300 mm


4)
min. 300 mm

8. Assembly of H-8 Fall Arrest System



8.3 Fitting to a fixed vertical ladder - aluminium vertical ladder

Fitting the H-8 rope attachment TOP,

The H-8 rope attachment TOP is fitted to the top 3 rungs on an aluminium vertical ladder.

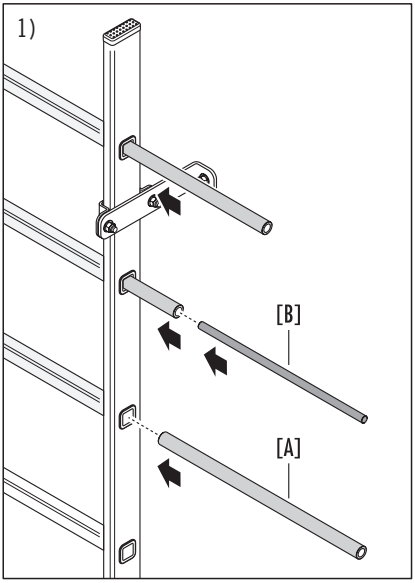
Fitting the rung reinforcement SV3:

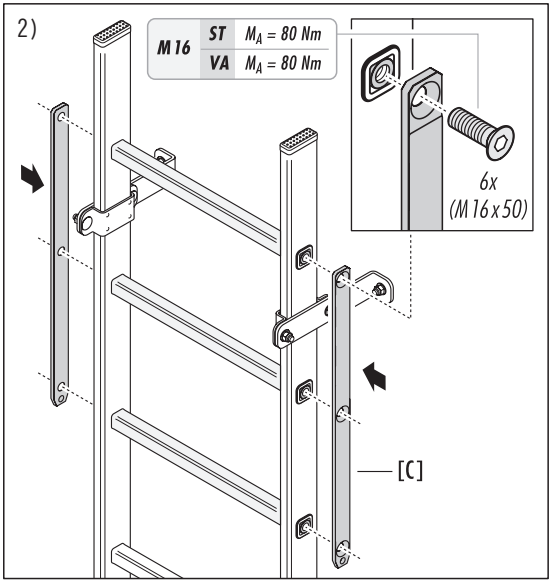
1) Insert a tube [A] into each of the top three rungs and in addition to this insert a rod for flexural strength [B] into the centre rung.
2) Bolt both vertical bars [E] to the stiles of the ladder with the inserted tubes.
   6 x (M16 x 50, torque = 80 Nm).
3) Fitting the limit stop:

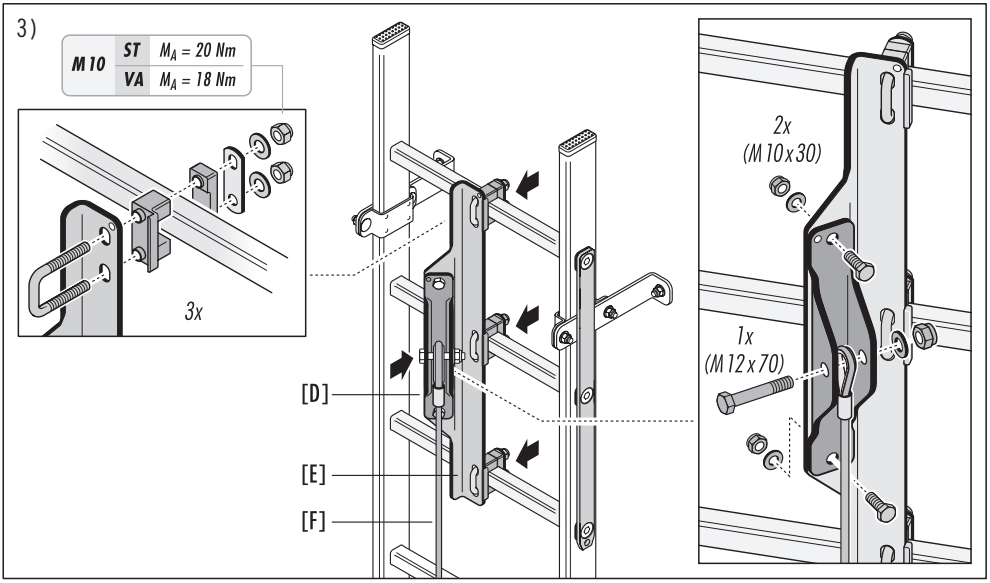
   Secure the retainer [D] to the stop plate [E]
   2 x (M10 x 30, property class 8.8,
   DIN 933 / ISO 4017).

   Secure the stop plate [E] to the top three rungs using the three rung adaptors.

   Fix the H-8 fall arrester rope [F] to the bracket.
   1 x (M12 x 70).


1)
[B]
[A]


2)
M 16
ST
VA
M_A = 80 Nm
M_A = 80 Nm
6x
(M 16 x 50)
[C]

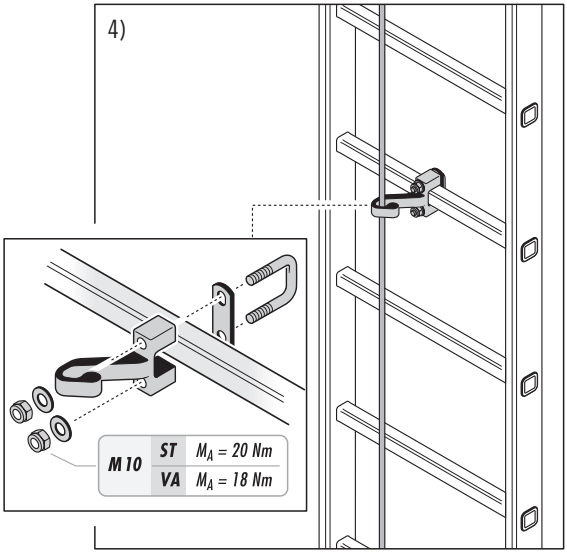

3)
M 10
ST
VA
M_A = 20 Nm
M_A = 18 Nm
3x
[D]
[E]
[F]
2x
(M 10 x 30)
1x
(M 12 x 70)

8. Assembly of H-8 Fall Arrest System

8.3 Fitting to a fixed vertical ladder - aluminium vertical ladder

Fitting the rope guide H-8

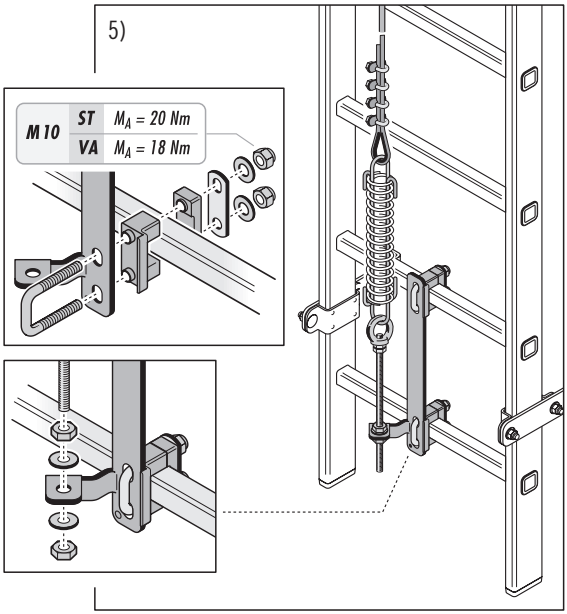
4) Max. distance between the individual rope guides = 9520 mm
(i.e. every 34th rung when the distance between rungs is 280 mm).



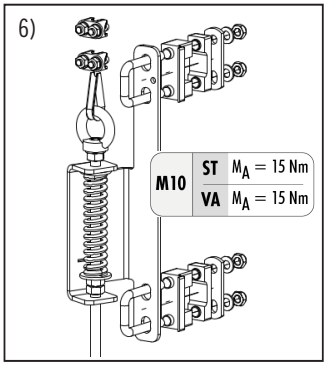
Fitting the Rope attachment BOTTOM

5) Secure the rope tension unit [H] to the limit stop.

Either secure to the rung or fit to the floor (see page 19: Fitting to a structure).



6) Place the rung adapter centrally on the rung. Lead the U-bolt through the perforated plate, rung adapter and angle plate and screw it in.



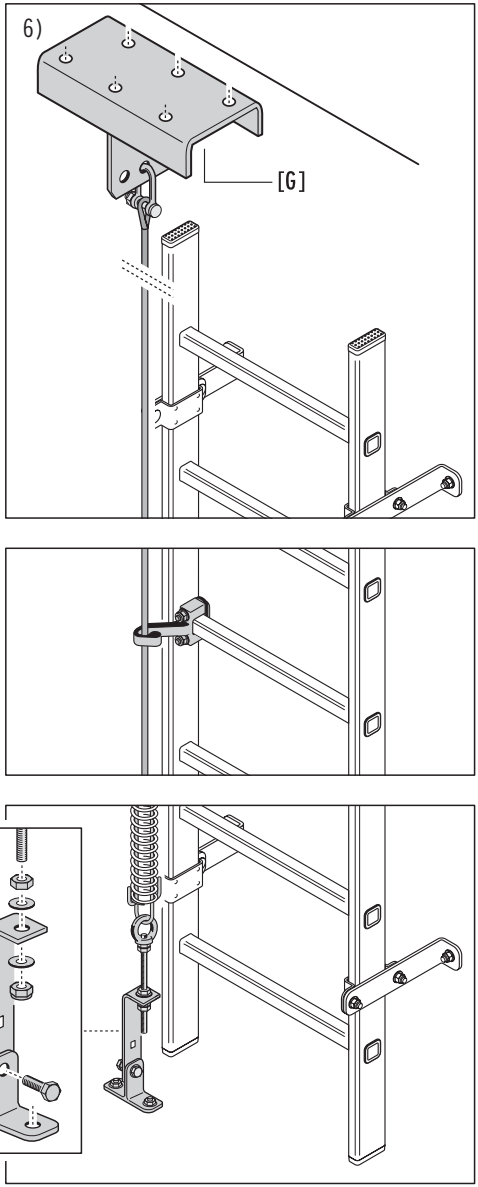
Fitting to a structure

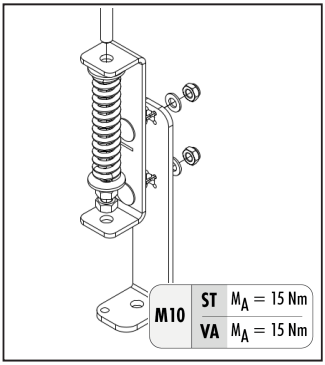
6) Fitting the tie-bar to the structure [G] (Attachment for fall arrester rope)

For concrete structures, only anchor dowels permitted under building regulations may be used (at least 6 pces. M10 x 100).

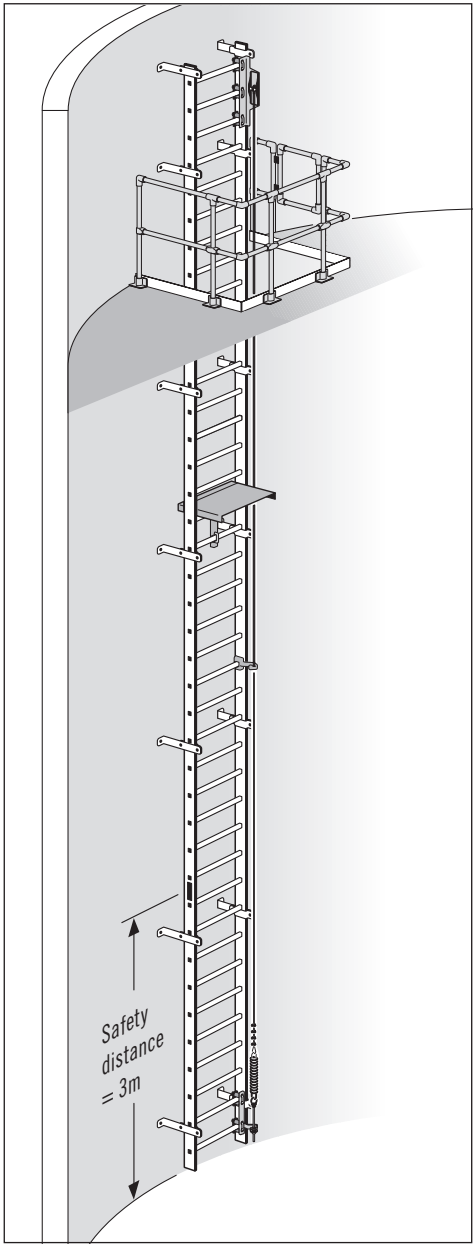
For steel structures, hexagonal bolts in accordance with ISO 4017/4014, min. property class 8.8, are permitted (at least 6 pces. M10).
These can be bolted into tapped holes or passed right through the structure.

If the structure is fabricated in a different material, a method for fixing the tie-bar must be identified, selected and implemented in consultation with the structural engineer according to technical regulations.





8. Assembly of H-8 Fall Arrest System



8.4 Fitting to a fixed vertical ladder – (galvanized) steel or stainless steel vertical ladder

Fitting the H-8 rope attachment TOP

The H-8 limit stop TOP is fitted to the top 3 rungs on a steel vertical ladder.

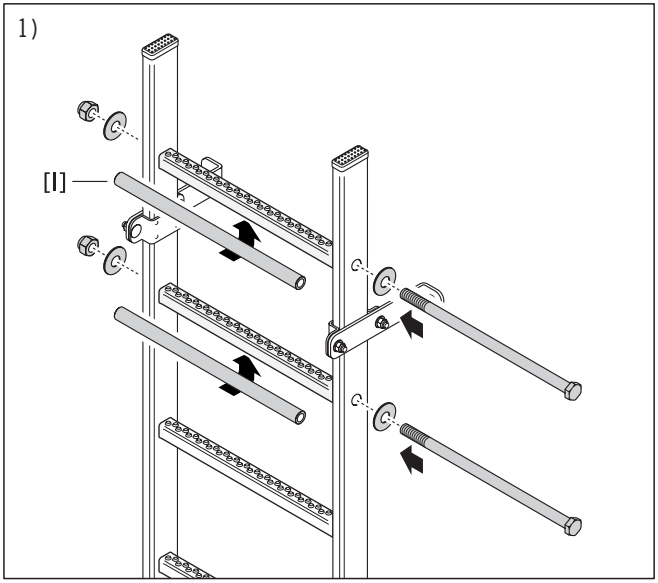
Fitting the rung reinforcement to the top two rungs:

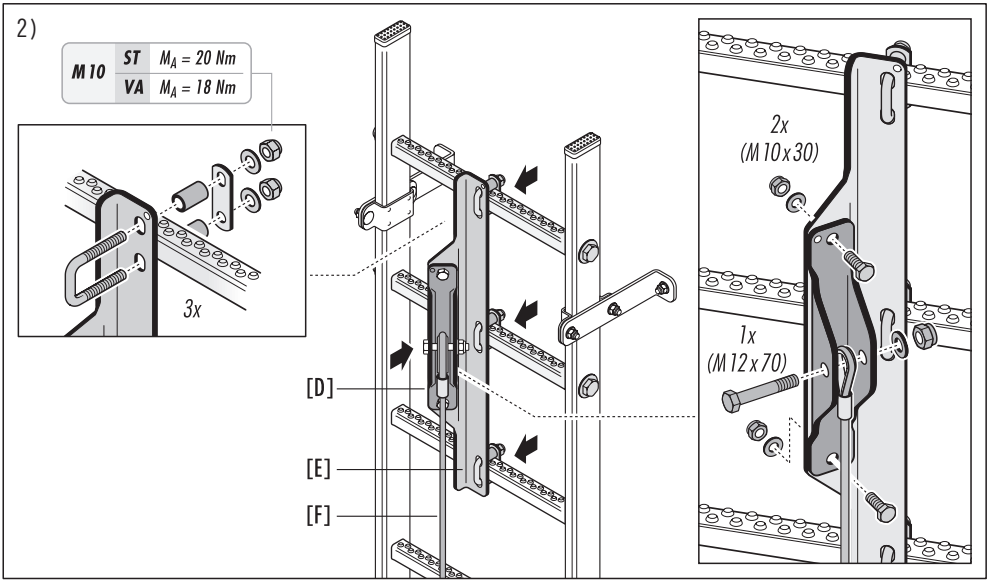
1) Insert the reinforcing tube [I] into the U-profile from below and bolt to the vertical ladder.
2) Fitting the limit stop:

   Secure the retainer [D] to the stop plate [E] 2 x (M10 x 30, property class 8.8, DIN 933/ISO 4017).

   Secure the stop plate [E] to the top three rungs using the three rung adaptors.

   Secure the H-8 fall arrester rope [F] to the retainer 1 x (M12 x 70).


1)
[I]


2)
M10
ST
VA
M_A = 20 Nm
M_A = 18 Nm
3x
[D]
[E]
[F]
2x
(M10x30)
1x
(M12x70)

8. Assembly of H-8 Fall Arrest System

8.4 Fitting to a fixed vertical ladder – (galvanized) steel or stainless steel vertical ladder

Fitting the rope guide H-8

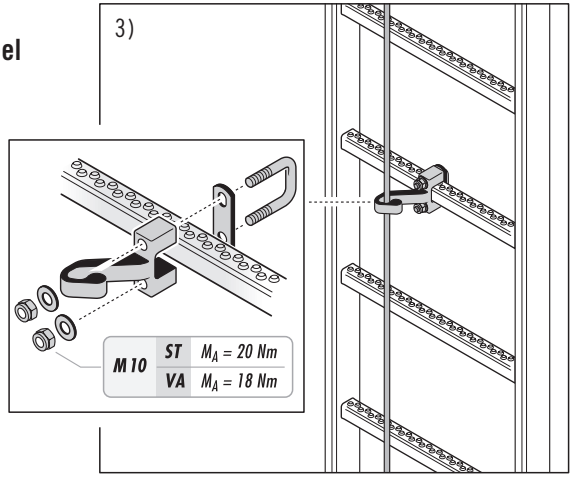
3) Max. distance between the individual rope guides = 9520 mm
(i.e. every 34th rung when the distance between rungs is 280 mm).

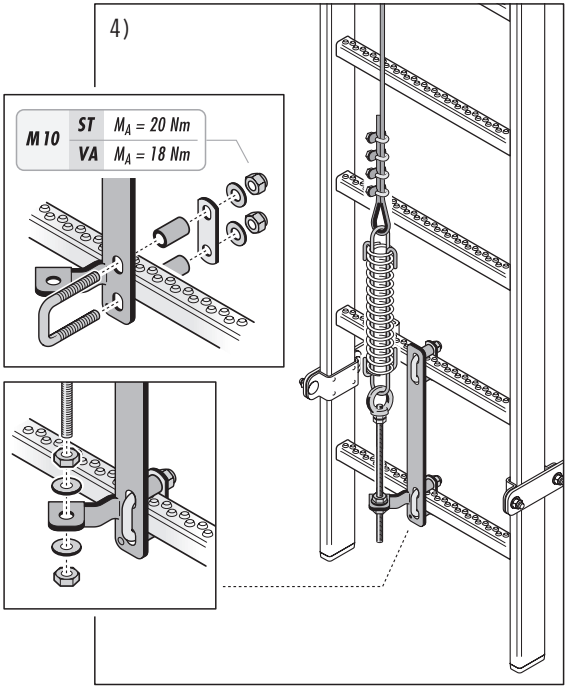
Fitting the rope attachment BOTTOM

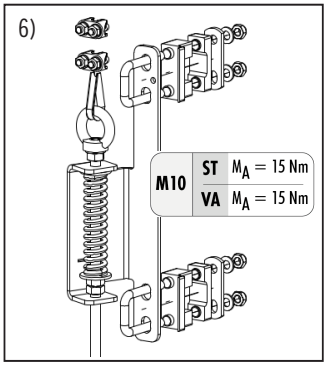
4) Secure the rope tension unit [H] to the limit stop.

Either secure to the rung or fit to the floor (see page 23: Fitting to a structure).

5) Place the rung adapter centrally on the rung. Lead the U-bolt through the perforated plate, rung adapter and angle plate and screw it in.







Fitting to a structure

5) Fitting the tie-bar to the structure [G] (Attachment for fall arrester rope)

For concrete structures, only anchor dowels permitted under building regulations may be used (at least 6 pces. M10 x 100).

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These can be bolted into tapped holes or passed right through the structure.

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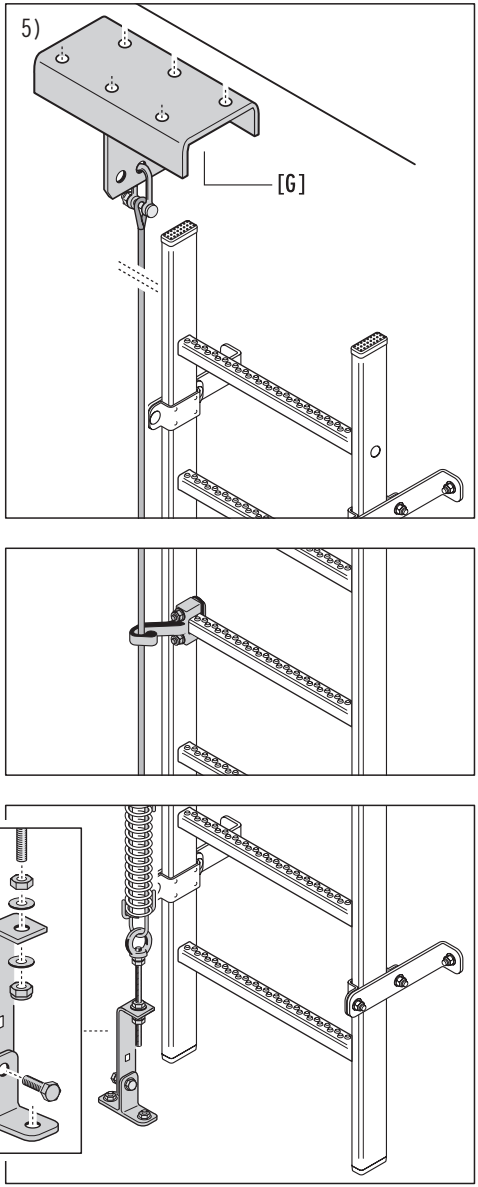
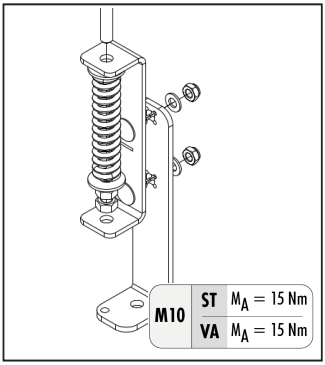




9. Markings and instructions

A) Type plate for the H-8 fall protection system

Safety instructions when using the fall arrester and the fall protection system.

B) Type plate for the vertical ladder

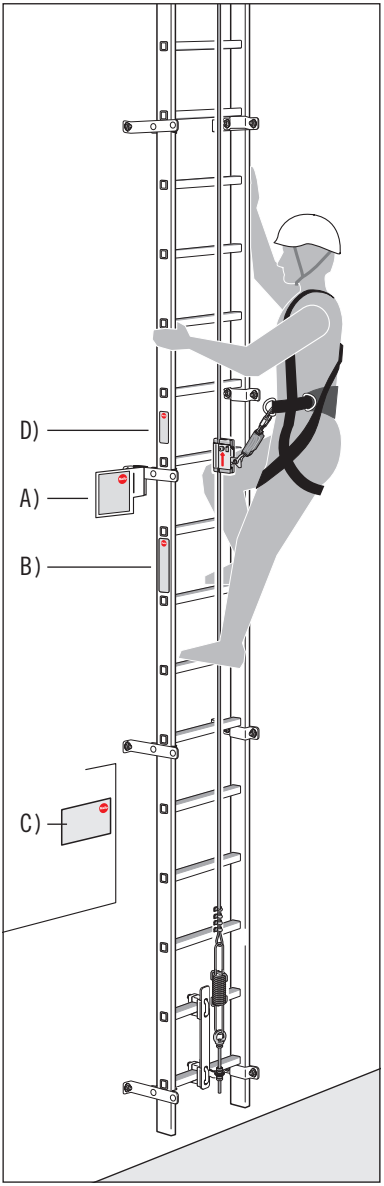
Information regarding the vertical ladder.

C) Ladder identification plate

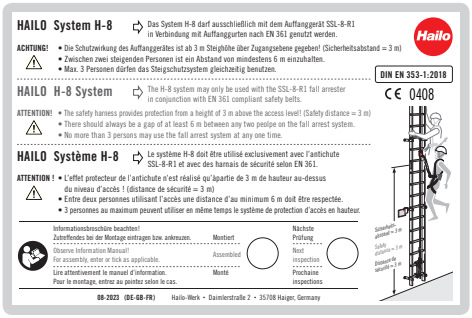
Use instructions (inspection of the vertical ladder at least once a year by a qualified person, documented by an inspection label).

D) Information regarding the H-8 fall protection system

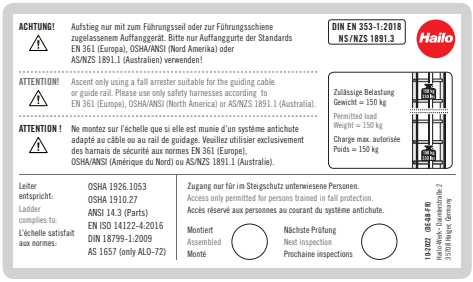
Safety clearance



A)



C)

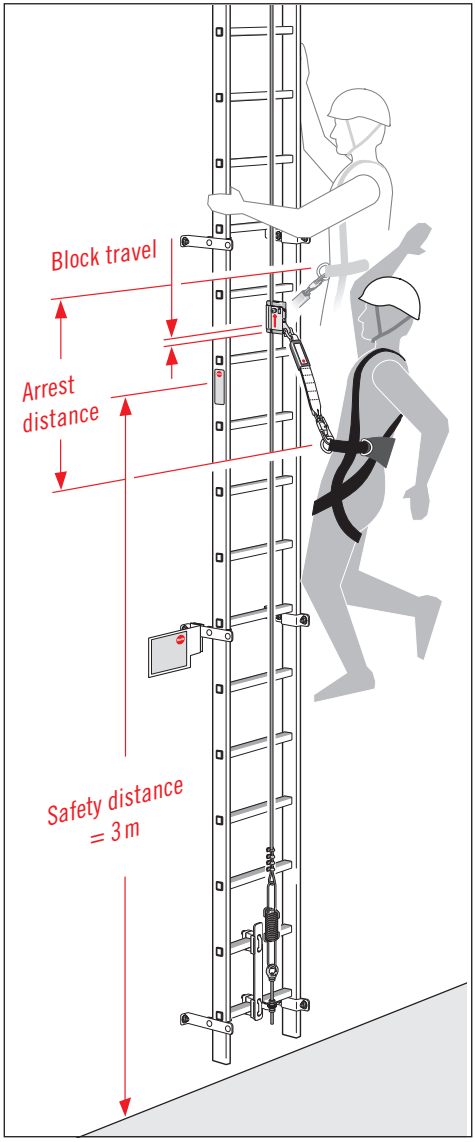


D)

The H-8 fall arrest system must be identified with a type plate at the point of access which indicates the type of fall arrester to be used with the H-8 fall arrest system.

When new types of fall arrester are used, the operator must ensure that this information is clearly visible to the user.

- The SSL-8-R1 fall arrester on the H-8 fall arrest system does not provide protection when the user is on the lower section of the climbing unit (i.e. < 3 m from the top edge – access level).
- The plant operator must install an appropriate warning notice on the building to inform the user beyond all doubt of the safe distance.



Cleaning instructions:

When the components of the fall protection system - in particular the fall arrester rope - are dirty, they must only be cleaned with water and an acid-free detergent.

10. Installation report

Assembly company (address):

. . . . . .

. . . . . .

. . . . . .

Installation supervisor:

. . . . . .

Points for inspection after the assembly		Results: ✗	Yes	No
1.	Fall arrest device:			
1.1	Position for placing the SSL-8-R1 Fall Arrester: 700 mm - 1200 mm from access level		☐	☐
1.2	Limit stop TOP (fitted as specified on pages 12-23)		☐	☐
1.3	Rope attachment (Fall arrester rope, bolt, washer and lock nut are fitted as specified)		☐	☐
1.4	Limit stop BOTTOM (fitted as specified on pages 12-23)		☐	☐
1.5	Fall arrester rope with spring compressor (preloaded spring elongation 140 mm as specified on page 12)		☐	☐
1.6	Rope guides fitted (distance ≤ 9520 mm as specified on pages 12-23) (No.: _____pces.)		☐	☐
1.7	Test run with SSL-8-R1 fall arrester conducted without problems		☐	☐
2.	Markings: (see chapter 9. Markings and instructions)			
2.1	Plate with ladder markings		☐	☐
2.2	Information plate: “Safe distance 3 m”		☐	☐
2.3	Test badge		☐	☐

11. Inspection instruction

- The installation supervisor is responsible for ensuring that the ladder system and H-8 fall protection system are properly assembled.
- The following checklist is to be completed by the installation supervisor in detail and in full, permanently and legibly.
- This inspection checklist is an integral part of the installation process and is to be made accessible to the manufacturer or an inspection body on request.

Comments:

. . . . . .

. . . . . .

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Location, date *Installation supervisor's signature*

Testing must adhere to the respective national operating and testing regulations.

- Fall arrest systems must be inspected for good working order and functionality at least once a year by trained/authorised personnel.
- The testing of all components, each individual subsystem and system must be documented.
- In addition, regular checks must be made depending on the respectively applicable environmental conditions.
  This can mean that the intervals between testing are correspondingly shortened.
- In the event of a fall, then the fall arrest system must be checked without delay by an expert/an authorised person.
- The plant operator is responsible for ensuring that testing and maintenance intervals are observed.

Regular checks of the equipment are a mandatory requirement.
The safety of the user is dependent on the effectiveness and the durability of the equipment.

12. Inspection plan

Inspection plan for recurring inspections of the H-8 fall protection system.

The annual recurring inspections are to be documented by the qualified person in the following tables.

Results: ✗

In the event of a claim, this documentation must be submitted in full.
The manufacturer must be granted access at any time.

1. Ladder system: *	
1.1 Vertical ladder	*Technical condition (wear and corrosion), dents, kinks, cracks and fractures*
1.2 Ladder connector	*Technical condition*
1.3 Ladder bracket	*Technical condition*
1.4 Suspension supports (if present)	*Technical condition*
1.5 Folding rest platform (No. ___ pcs.)	*Function*
1.6 Screw connections	*Technical condition, preload force, tightening torque*
1.7 Transfer device (if present)	*Technical condition*
2. Anchorage of the ladder system:	
2.1 On steel threaded bushes	*Technical condition, preload force, tightening torque*
2.2 On concrete substrate	*Condition of the concrete substrate*
2.3 On other materials	*Structural condition*
3. Fall arrest device	
3.1 Limit stop BOTTOM	*Technical condition*
3.2 Rope tension	*as specified*
3.3 Rope guides (No.:____ pces.)	*Technical condition, function*
3.4 Limit stop TOP	*Technical condition*
3.5 Rope attachment	*Condition of bolt, washer, lock nut*
3.6 Fall arrester rope	*Corrosion, kinks, loops, wire breakage***
3.7 Rope thimble + crimp sleeve	*Technical condition*
4. Label:	
4.1 Original labels	*All labels present and easily legible?*
4.2 Function test	*Used with fall arrester*
4.3 Documentation	*Inspection correctly and fully documented?*

** = If there is no fixed ladder, only check inspection points 3. and 4.*

*** = Where more than 3 individual strands of wire in a 250 mm length are broken, the cable must be replaced.*

Inspection 1		Inspection 2		Inspection 3		Inspection 4		Inspection 5		Inspection 6		Inspection 7	
/ Date (Month / Year)		/ Date (Month / Year)		/ Date (Month / Year)		/ Date (Month / Year)		/ Date (Month / Year)		/ Date (Month / Year)		/ Date (Month / Year)	
OK	not OK	OK	not OK	OK	not OK	OK	not OK	OK	not OK	OK	not OK	OK	not OK
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YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
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YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO

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13. Inspection documentation

Documentation on the sequence of periodic inspections and/or repairs.

Product description / model / trade name	*Manufacter / Supplier*
	Hailo-Werk Daimlerstraße 2, 35708 Haiger, Germany ☎ +49 (0) 2773 82-0 Fax +49 (0) 2773 82-1561 info@hailo-professional.de www.hailo-professional.de
Identification mark	
Chargennummer / Seriennummer	

Date	*Reason of work: a) Regular check, b) Repair* ***Test outcome of the periodic inspection***	

Year of manufacture / expiry date	*Commissioning date / date of first use*
Date of purchase	*Additional information*

	Repairs carried out	*Name and signature of expert*	*Date of next regular check*

– Copy this double page when additional information needs to be entered –

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