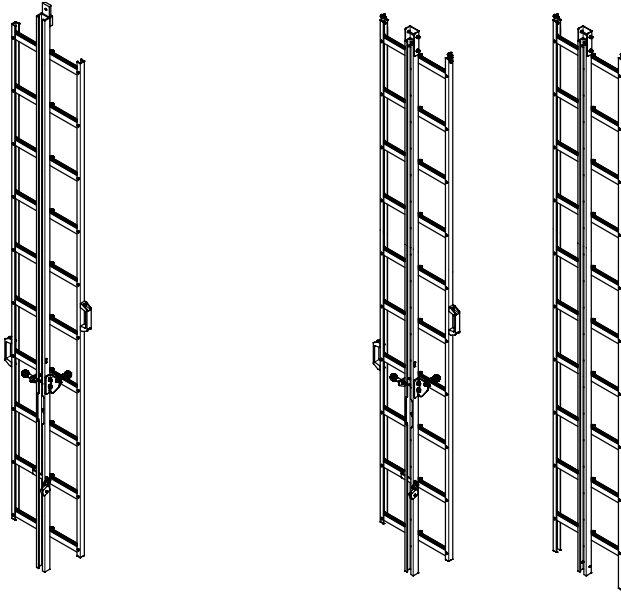


# Installation & maintenance manual



**Foldable aluminium ladder “Söll PivotLoc”  
Söll GlideLoc® fall arrest system  
EN 353-1:2014+A1:2017**

**as access prevention  
as complete climbing path**




Ref./Part No.  
**23193/23281  
ZALKLAPP**

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**KEEP THIS MANUAL FOR FUTURE USE - DO NOT THROW AWAY!**

### Explanation of symbols

	<b>Danger!</b> Improper or careless handling could cause accidents leading to falls or even death.
	<b>Warning!</b> Non-observance could result in serious injury.
	<b>Important!</b> Useful information and user tips are given here.

### General information

These installation and usage instructions are applicable for the safety-related components of the product. The delivered product can differ from the version described here due to accessories that may be added to the product.

#### Changes in this issue:

**Complete rework**

#### These instructions are protected by copyright!

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## A General

- A1. Anyone working with or on Söll GlideLoc protection systems in accordance with EN 353-1 must be familiarized with these instructions prior to using the system. Use which is not in accordance with these instructions constitutes a risk to human life!
- A2. The operator of the fall protection system must ensure that these instructions are either
- retained in a dry and secure condition at the installation or
  - retained by the operator, whereby he or she must ensure that the user is aware of the storage location of these instructions and that the documents are accessible at all times.
- A3. If requested, the plant operator must present these instructions to the manufacturer of the fall protection system (Honeywell Fall Protection Deutschland GmbH & Co. KG or a dealer authorized by the same).
- A4. The Söll GlideLoc fall protection system must be used in accordance with the instructions for the relevant Söll GlideLoc fall arrester.
- A5. The fitment and use of Söll GlideLoc accessories to such fall protection systems must strictly adhere to the relevant instructions for the fitment and use thereof.
- A6. In case of the use of further personal protective equipment, relevant instructions must be followed.
- A7. National regulations on accident prevention and use of safety equipment for construction work must be adhered to.
- A8. Söll GlideLoc is designed to be combined with Components such as ladders, turntables, footrests, exit sections and others as described herein. As stated before, a Söll GlideLoc fall arrester is necessary to connect a user to the anchor rail. The Manufacturer has only CE certified the Söll GlideLoc fall arresters for use with the Söll GlideLoc rails, and the Manufacturer therefore does not warrant that fall arresters of any other manufacturer will operate safely with the Söll GlideLoc system.  
All Components which are designed to be used in a Söll GlideLoc vertical fall arrest system can be found in the Technical Selection Guide.  
The Söll GlideLoc system should be used only in combination with EN 361 compliant full-body harnesses. Only certified fall arrest slings or rings ("A"-marking) must be used for attaching the fall arrester to the full-body harness.
- A9. The check list (see section G) must be fully and correctly compiled by the installer company by means of an indelible pen.
- A10. Before and during the use of the installed fall protection system, the system must be visibly inspected to ensure that it is operating properly.
- A11. While fastening clamps, the bars may deform a little. This may cause breaks to the layer of zinc. This has no adverse effect to safety, durability or corrosion resistance.
- A12. The vertical fall arrest system was tested in accordance with DIN EN 353-1:2014+A1:2017 and is consequently equipped according to the type test for a static force of 15 kN, maximum 3 users and a minimum distance of 3 metres between each user.  
The vertical fall arrest system is supposed to be installed permanently to a substructure which must comply with appropriate requirements, calculated according to the intended use of the system. Please note that for the first two metres the user may not be protected against hitting the ground and particular caution is necessary when ascending or descending.
- A13. The system has been certified by EC-type test: DEKRA Testing & Certification GmbH, Dinnen-dahlstraße 9, D-44809 Bochum, Germany, CE 0158.

## B Installation

**B1. The assembly kit consists of:**

- a) Foldable ladder as access prevention
  - a ladder part, L = 2,911 m/2,855 m (Part No. 23193 to be connected with aluminium ladders / 23281 to be connected with steel ladders)
  - 2 or 3 mounting brackets, depending on the attachment points, which must be secured at a spacing of max. 1.680 m.



**Important!**

The projection of the mounting brackets ordered must be 30 mm shorter than the ones used on the ladder above.

b) Foldable ladder as complete climbing path

- a 1st part of the ladder with recesses (Part No. ZALKLAPP-(length of ladder in mm)-A)
- several folding parts of the ladder, depending on the use (Part No. ZALKLAPP)
- a corresponding number of mounting brackets, which must be secured at a spacing of max. 1.680 m.



**Important!**

A climbing path using a foldable ladder should not be higher than 20 m. Installation of standard rest pillars on foldable ladders is not possible.

The mounting brackets must be mounted on the rotating points of the ladder steps.

The screws for mounting the mounting brackets on a wall must be adapted to suit the conditions and it may be necessary to provide static evidence. Safety elements supplied must be used when using screw connections (see also section E „Screw connectors / screw safety devices“).

**B2. Equipment required for easy mounting**

- 2 open wrenches, SW 19
- 1 open wrench for wall bolts, according to requirements,
- 1 open wrenches, SW 13
- 1 open wrenches, SW 10
- 1 reversible ratchet with a 10 mm square drive socket insert
- 2 fall arresters,
- 2 full body harnesses according EN 361,
- 1 toolbox,

**At least one separate lanyard in accordance with EN 354/355 with energy absorber or a restraint lanyard in accordance with EN 358 to enable the climber to have additional protection against falling during the installation.**

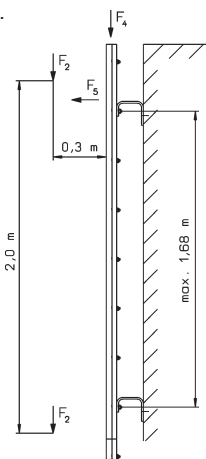
**B3. Personnel required for installation:**

two persons

**B4. Components must be handled carefully. Ladder sections must not be thrown.**

- B5. Before installation, ladder sections must be cleaned from dirt - in particular on connecting surfaces. They should not come into contact with cement, mortar or similar substances. Remnants of mortar must be wiped off immediately. Especially the sliding surfaces for the fall arrester on the inside and outside of the guide-rail must be free of dirt.
- B6. Damaged parts may neither be used nor repaired but must be replaced by new ones.
- B7. **Minimum bolt dimensions for the installation of ladders:**  
The minimum bolt size is M 12. According to DIN 18799-3, the bolts used on chimneys must be of stainless steel A 4 DIN ISO 3506-1, at least M 20 or, when used for anchoring, 1.25 m M 12 bolts. Ordering of the mounting brackets must be based on the minimum dimensions.
- B8. We specifically stress that only those dowels may be used which are permitted by site inspection engineers.

- B9. For concrete structures we recommend the use of injection anchor or undercut dowels (such as Hilti, Fischer, UPAT or Liebig); follow technical instructions given by the manufacturer. In case of installation on brick wall constructions we recommend you to consult the responsible design engineer for an approval in each specific case.



Use the following instructions to calculate the anchoring forces. Always select the least favourable loading result.

- Extreme influences (fall accident):

In case a load  $F_4 = 6$  kN acting along the centre of the ladder is to be assumed. This load may be distributed over four mounting brackets (if available).

- Varying influences (loads appearing during use):

In this case it shall be assumed that loads  $F_2 = 1,5$  kN appears at a distance of 30 cm in front of the ladder centre and in distances of 2 m from each other influence the installation. Also consider a horizontal load  $F_5 = 0,3$  kN influencing the attachment at the most unfavourable location.

- B10. Using a recommended mounting distance between brackets of 1.400 mm up to a max. of 1.680 mm.
- B11. When the climbing path ends on a platform, the ladder/guide-rail must rise at least 1000 mm above the upper edge of the platform. If the last anchorage point is situated more than 380 mm below the end of the rail, a reinforcement profile of 50 x 50 x 4 mm has to be used that:
- extends over the last two mounting brackets
  - is connected to the rail at distances of 560 mm
  - does not have any rail connection
- B12. In case of lying structures (e.g. antenna towers) or in case a scaffolding is at hand we recommend the ladder system be installed from the top and downwards.  
For upright structures (e.g. buildings) the installation shall be performed from the ground and upwards.



**B13. Caution:**

By using a mounting distance of 1120 mm, the installation of the ladder may be carried out without a scaffold. When using a greater mounting distance, an installation scaffold is required. The person installing the equipment uses a full-body harness and a fall arrester. In order to be protected against a fall from a height where the fall arrester slips from the rail, or the not completely installed ladder bends backwards, the installer must always use a safety lanyard with shock absorber in accordance to EN 354/355 or a retaining rope in accordance with EN 358 (see Fig. 1).



**Warning!**

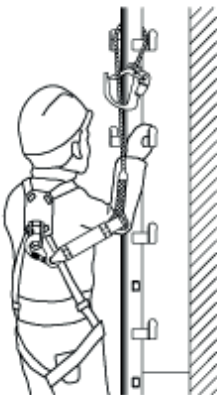
The proper functioning of the fall arrester can only be guaranteed in that part of the guiding rail that is located between gated end stops as well as during proper use.

Installation or dismantling of the fall arrester on the guiding rail as well as moving beyond the gated end stop may only be done in a safe position (e.g., firm ground, safe platform).

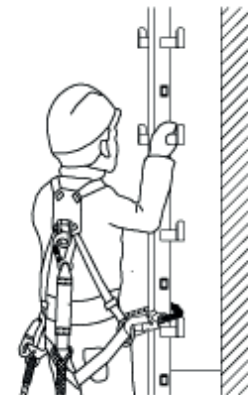
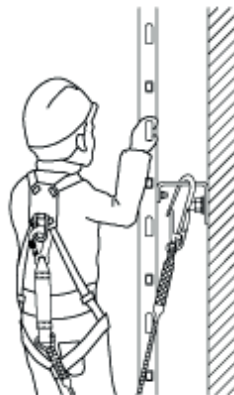
B14. Erection staff can during the installation secure themselves by using:

- lanyard (acc. to EN 354/355) connected to the center rail to the ladder under the highest situated properly secured mounting bracket
- the carabiner of a safety lanyard (EN 354/355) is connected to a mounting bracket
- restraint lanyard (EN 358) routed around the centre rail of the ladder
- the use of an external anchorage point

**Fig. 1**



**EN 354/355**



**EN 358**



**Warning!**

**Never** use the side rails of a Söll PivotLoc foldable ladder for anchorage purposes!

B15. Before mounting the ladder sections to the structure, the mounting brackets (2.0) are loosely to be attached to the guide rail of the ladder (1.1) at a distance of max. 1680 mm.



**Important:**

Every ladder section should be connected to the support structure by at least one mounting bracket!

**Notice:**

Many years of experience lead to the following recommendations:

- use ladder sections with a length of at least 1680 mm to ensure that every ladder section automatically will have at least one mounting bracket
- ladder sections with a length shorter than 1680 mm shall preferable be used in the beginning of the system
- the last ladder section should be installed using two mounting brackets
- should an existing system has to be extended with a ladder section shorter than 1680 mm, do not install that section at the end of the system but rather between two already installed taller sections.



**Warning:**

Using a recommended mounting distance between brackets of 1.400 mm up to a max. of 1.680 mm, the minimum number of mounting brackets on a Söll safety ladder system must not be less than four! (eg. on a system with just 1 ladder section.)

**Exceptions:**

For ladder sections with a max. length of 2240 mm the use of two mounting brackets is acceptable. For sections up to 3920 mm a minimum of three brackets shall be used. Make sure that the mounting brackets (and their support structure) are suited to absorb a load of 6 kN.

Fig. 2

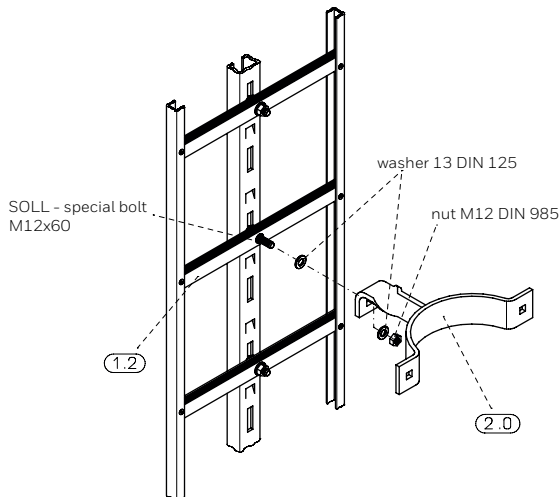
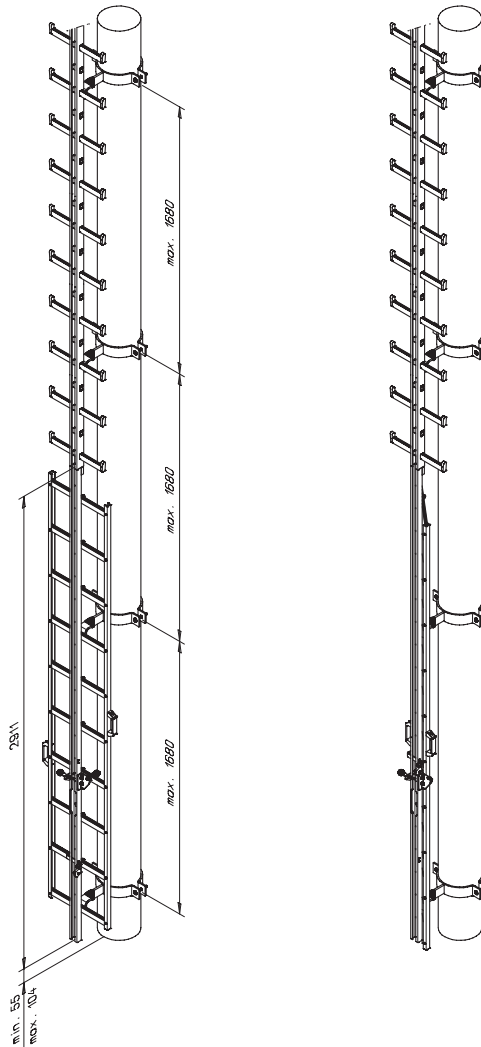




Fig. 3

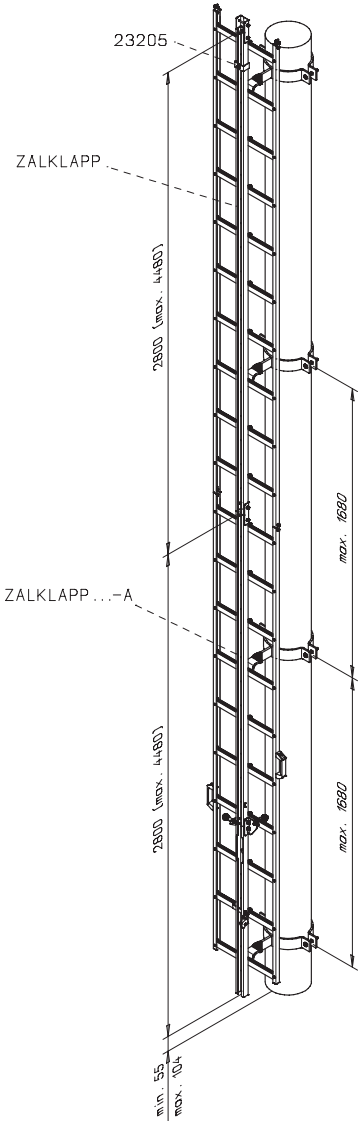
a) *Foldable ladder as access prevention*

In the case of a max. attachment spacing of 1.680 mm, the foldable ladder can be secured at the start of the climbing path with 2 mounting brackets.



**Fig. 4**

*b) Foldable ladder as complete climbing path*  
max. attachment spacing 1.680 mm



**B16. Torque ranges:**

When tightening mounting screws in **steel quality 8.8** used in combination with tooth lock washers the following tightening torque range is recommended:

Screw size: M 10	M 12	M 16	M 20
20 Nm	25 Nm	60 Nm	120 Nm

When tightening mounting screws in **stainless steel quality 1.4571** in combination with Söll supplied auto-locking nuts (DIN 985) the following torque range is recommended:

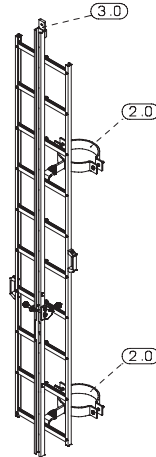
Screw size: M 6	M 10	M 12	M 16	M 20
10 Nm	25 Nm	30 Nm	65 Nm	150 Nm

**Fig.5/6/7/8**

**B17. Installation of the foldable ladder as access prevention**

Fit the part of the foldable ladder with the connecting piece (3.0) pointing upwards and bolt the mounting brackets (2.0) loosely to the structure. Use a plumb line to align the ladder part and tighten the bolts. Ensure that the necessary bolt locking device (see section E) is used.

**Fig. 5**



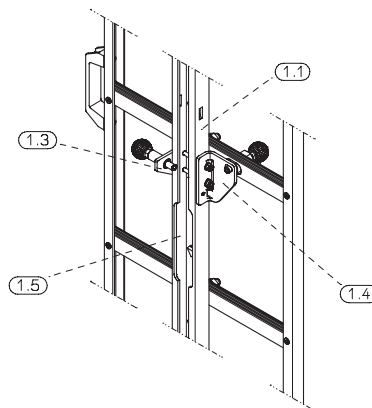
The ladder attachment (1.4) and the lower climbing block (1.3) have already been fitted over the recess (1.5) at the factory.



**Note:**

The block (1.4) has been secured against sliding by means of a dowel pin on the centre spar (1.1) of the ladder and must not be removed!

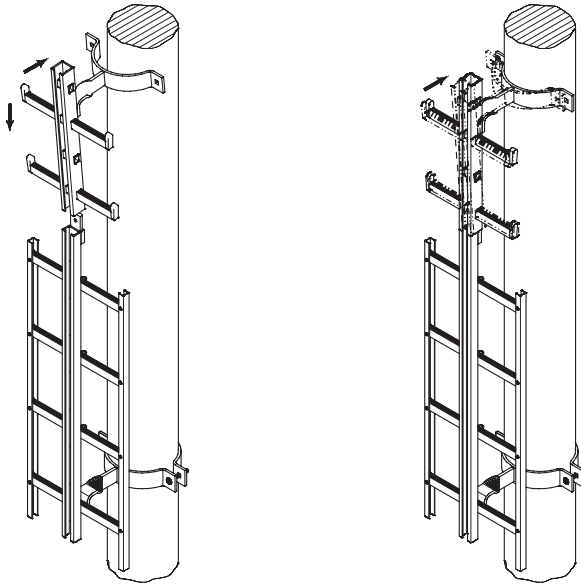
**Fig. 6**



Lean the first part of the aluminium ladder to be fitted together with the pre-mounted mounting brackets against the structure, align with a plumb line and secure.

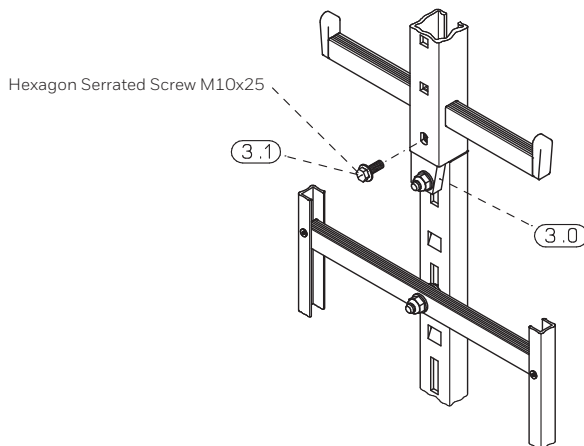
For further details of installing the aluminium ladder please follow the instructions of the Söll GlideLoc system manual for aluminium ladders!

**Fig. 7**



Fit the self-locking bolt with the serrated face (3.1) of the connecting piece (3.0) from the rear.

**Fig. 8**



**During installation, never allow the fall arrester to move over the last mounting bracket which is firmly fixed to the structure (refer to points B 13/ B 14).**

**Fig.9/10/11/12/13a and 13b**

**B18.** *Installation of the foldable ladder as complete climbing path*

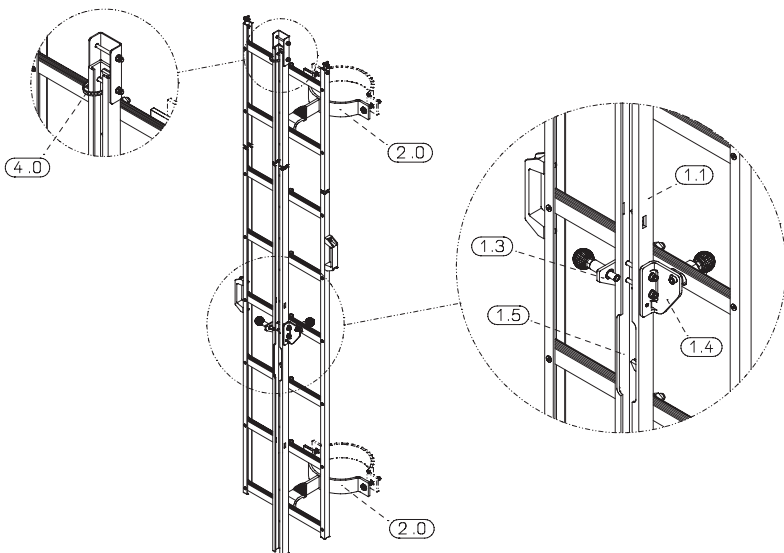
Fit the 1st part of the foldable ladder (order no. ZALKLAPP-ladder length in mm-A) with the red plastic band (4.0) pointing upward to the mast and loosely bolt the mounting brackets (2.0) to the structure. Align the ladder part with a plumb line and tighten the bolts. Ensure that the necessary bolt locking device (see section E) is used.



**Caution!**

The red plastic band (4.0) does not act as an end stop!

**Fig. 9**



The ladder fixing device (1.4) as well as the lower end stop (1.3) have already been fitted over the recess (1.5) at the factory.

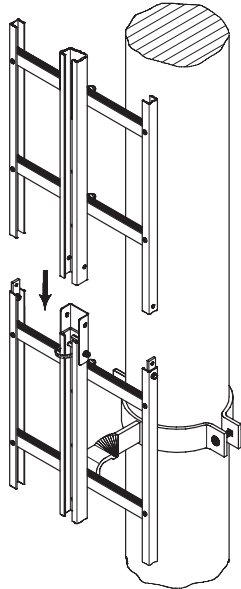


**Note:**

The fixing device (1.4) has been secured against sliding by means of a dowel pin on the centre spar (1.1) of the ladder and must not be removed!

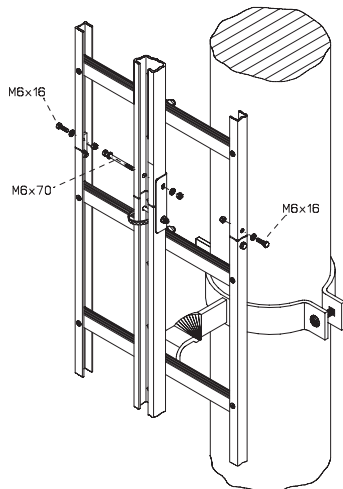
Position the next part of the ladder against the structure and fit it, aligned using a plumb line, to the first part of the ladder already installed.

**Fig. 10**



Bolt the guide rails and side spars together using the hexagon-headed M6 bolts supplied (with U washers and self-locking nuts).

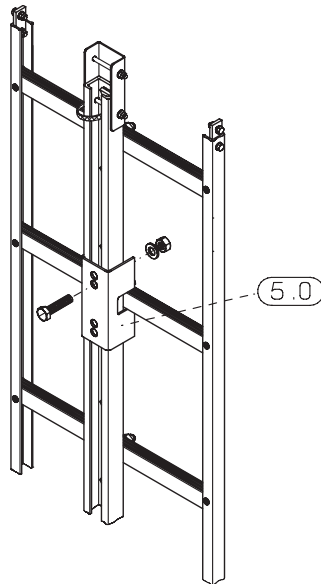
**Fig. 11**



An installation aid (order no. 23206) can be used to facilitate the installation of the ladder parts without a fixing device, as this would prevent unintentional folding up of the ladder parts.

The installation aid (5.0) is fitted to the second step from the top. This aid also serves as an end stop, thus preventing the fall arrester from overrunning and falling out of the guide rail.

Fig. 12



### Caution!

The fall arrester may only pass over the red plastic band (Fig. 9 / Detail 4.0) when the next part of the ladder has been

- bolted together with the coupling piece and
- it has been fitted to the structure with at least one mounting bracket.

Further parts of the ladder are fitted and secured as described above.

**During installation, never allow the fall arrester device to move over the last mounting bracket which is firmly fixed to the structure (refer to points B13. / B14.).**

A rigid end stop (order no. 23205) or an end stop with lateral locking pin (order no. 27137) must be fitted to the top of the guide rail (1.0) at the top of the climbing path.

The rigid end stop (6.0) generally prevents the fall arrester from running out of the guide rail (1.0). The top climbing block (7.0) prevents incorrect insertion and stops the fall arrester from running out of the rail. Two holes of diameter 8,5 mm must be drilled in the guide rail to enable the installation to be carried out (see Fig.13b).



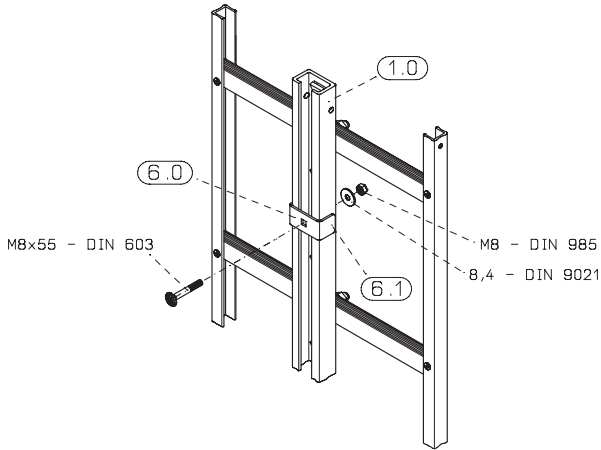


**Caution!**

Fit the rigid end stop (6.0) into the 2nd slot from the top in such a way that both legs (6.1) encompass the guide rail (1.0) from the front. Then fit the top climbing block (7.0) on the left side (bolt pointing to the left) of the guide rail (1.0).

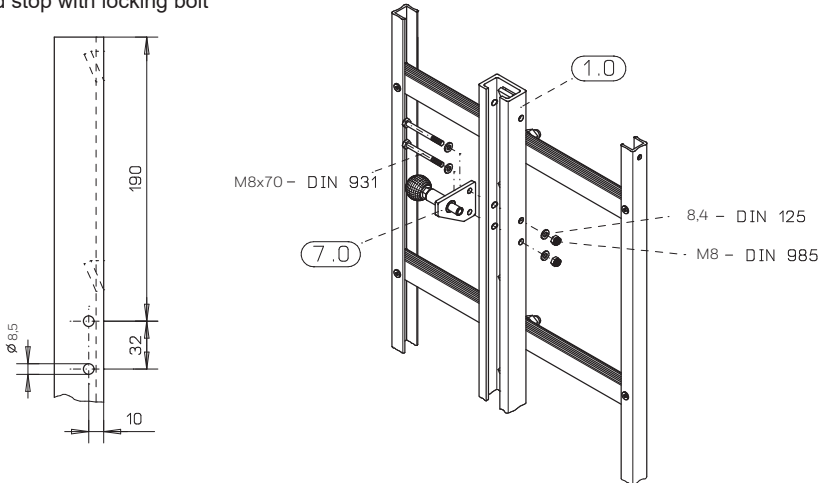
**Fig. 13a**

„Rigid end stop“



**Fig. 13b**

„Top end stop with locking bolt“



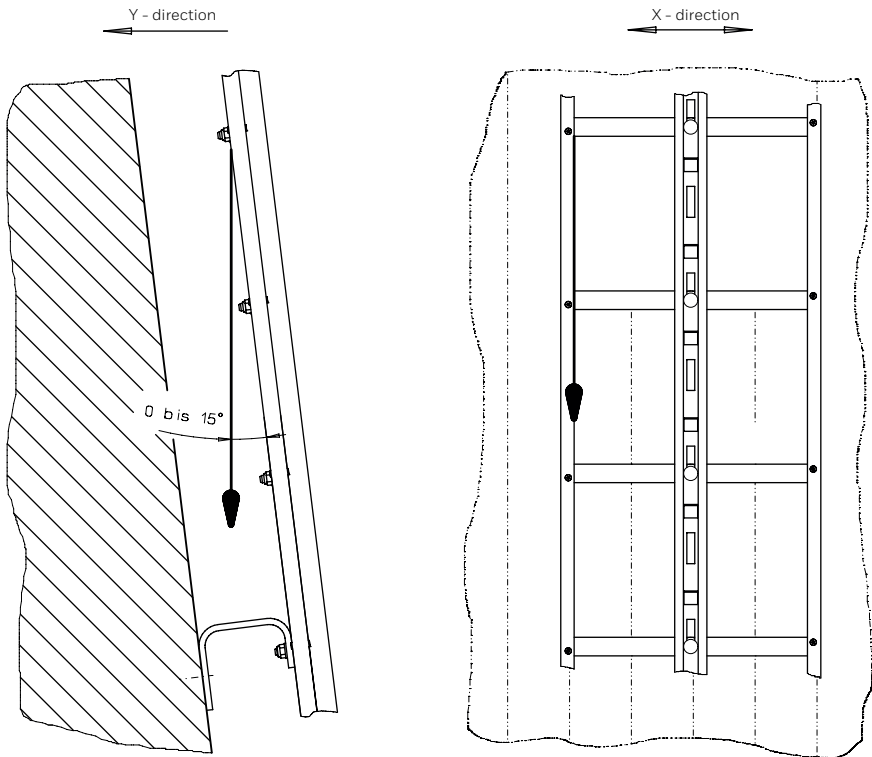
**B19. Minimum gap width:**

Mounting recommendations:

- under positive ambient temperature, gap width 2 mm
- under negative ambient temperature, gap width 3 mm
- During re-examination, make sure that the maximum gap width of 7 mm is not exceeded (independently from the ambient temperature).

**B20.** During the installation work ensure that:

- in the **X-direction** ladder sections are **vertically** installed
- in the **Y-direction** ladder sections are located in a range of **0° bis 15°**.



**B21. Caution:**

When the climbing path ends on a platform, the ladder must rise at least 1000 mm above the upper edge of the platform. For design reasons the guide rail of the ladder must be reinforced if, at the end of the ladder run, the guide-rail rises more than 380 mm above the last mounting bracket.



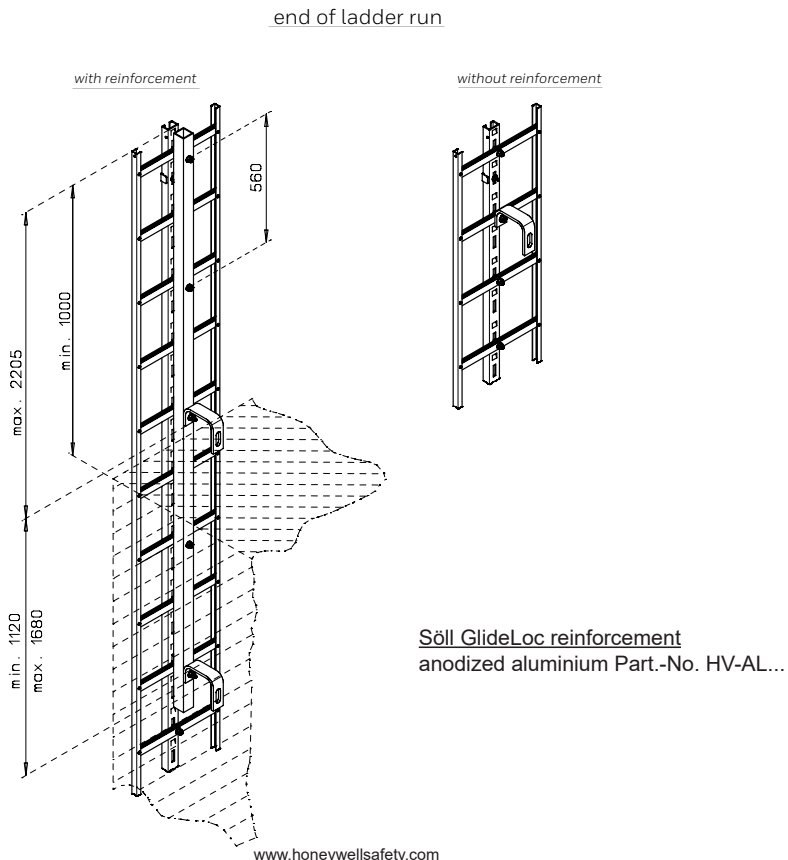
**Warning:**

Unsupported ladder sections with a length of more than 380 mm are not allowed without reinforcement profiles!

When installing the aluminium reinforcement profile 50 x 50 x 4 mm the following shall be noted:

- the reinforcement profile shall be connected to the ladder from the rear at intervals of 560 mm
- the reinforcement profile must extend downwards over at least two mounting brackets
- along the total length of the reinforcement profile no ladder joints are allowed
- the reinforcement profile must be in one section only

**Fig.14**



## C Use



**Note:**

Particular attention during ascending and descending is required over the first 2 m of the climbing path, as a possible fall to the ground by the user may not be able to be prevented.

Before and during the use of the system the user should contemplate how any rescue might be carried out safely and effectively.

A fall protection device in accordance with EN 353 -1 should only be used by persons who

- are fully trained and/or otherwise experienced or
- are under the direct supervision of a fully trained and/or experienced person.

**Caution!**

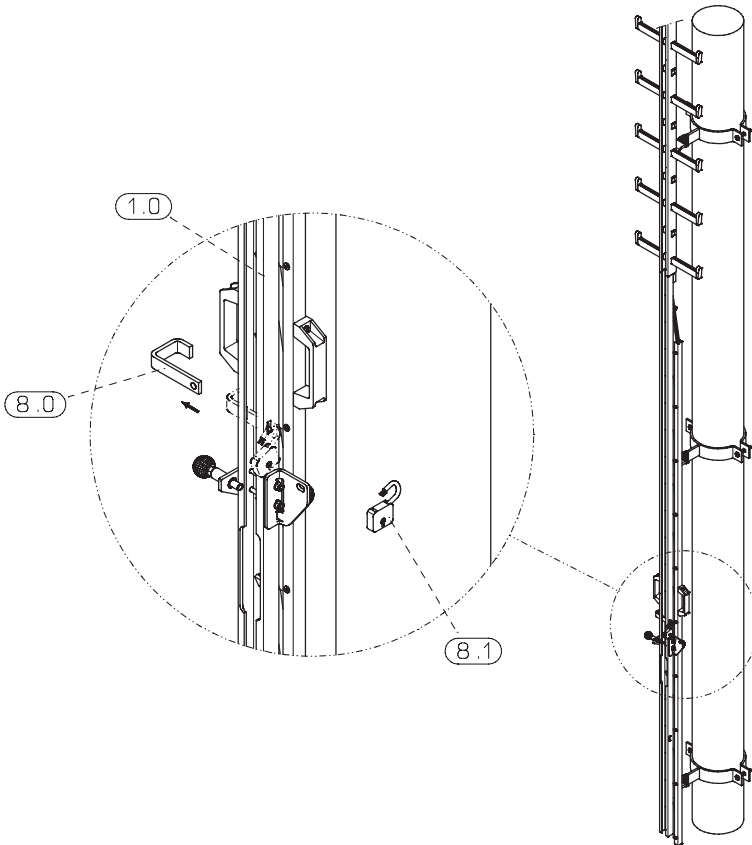


The fall protection device must not be used if any faults are recognised or there is a doubt regarding the safe condition of the equipment. The device must be taken out of use immediately until such time that a specialist authorises further use. If necessary, the affected parts of the system should be returned to the manufacturers.

**Fig.15**

- C1. Open the padlock (8.1) and remove it from the locking bracket (8.0).
- C2. Remove the locking bracket (8.0) from the guide rail (1.0).

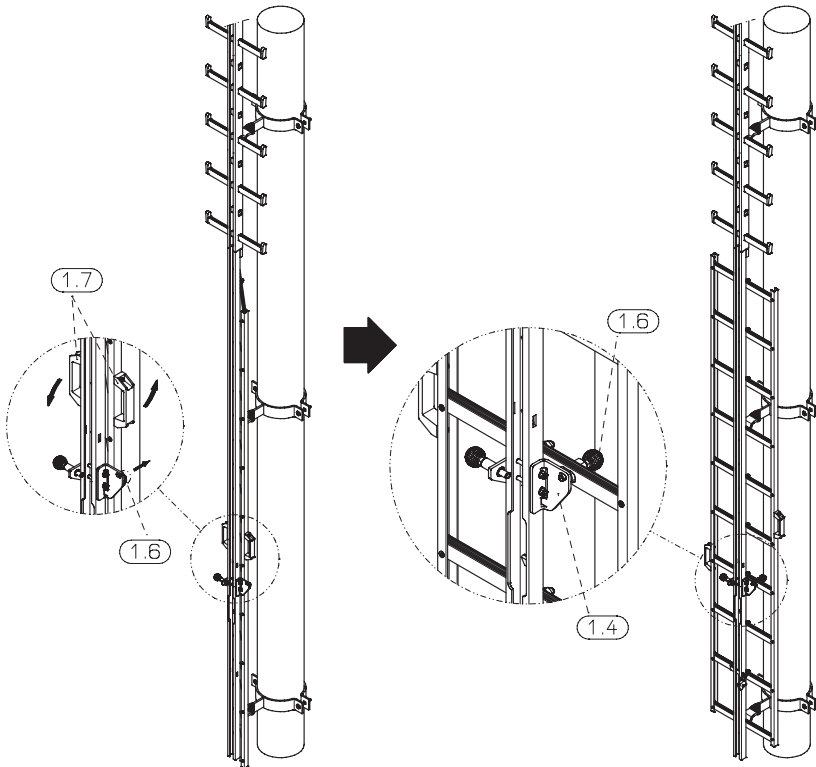
**Fig.15**



**Fig. 16**

- C3. Unlock the foldable ladder by pulling out the stop bolt (1.6) and fold the ladder with the help of the handles (1.7) until the stop bolt (1.6) in the slot of the locking device (1.4) locks the system again.

**Fig. 16**



**Note:**

The stop bolt (1.6) is correctly located in the fixing device (1.4) when it protrudes slightly from the slot of the fixing device (1.4).

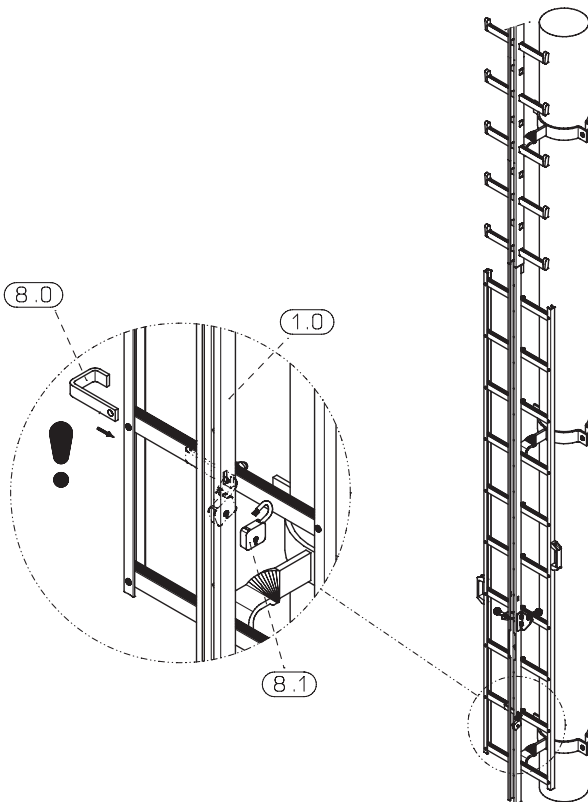
- C4. The foldable ladder must be blocked in its open condition by using the locking device (8.0). For this purpose, the locking device (8.0) is inserted from the left side in the lower oblong holes of the guided rail (1.0) above the second rung and secured by means of the padlock (8.1).

**Caution!**

The locking device (8.0) must always be inserted from the left side into the oblong holes of the guided rail.



Fig.17



- C5. Insert the fall arrester through the recess into the guide rail and then climb as normal (refer to instructions of separate fall arrester manuals).
- C6. To fold together the foldable ladder the locking system must be removed from the guide rail. After pulling out the stop bolt and with the help of the handles the ladder can now be folded together until the stop bolt fits into the hole in the guide rail. The locking device is inserted from the left side in the oblong holes above the recess and locked by means of the padlock.
- Note:**  
C7. The function detailed under „Foldable ladder as complete climbing path“ is identical to that for the „Foldable ladder as access prevention“ system.



## D Inspection and approval

**Fig. 18**

At the „OK to climb“ inspection the following details have to be considered:

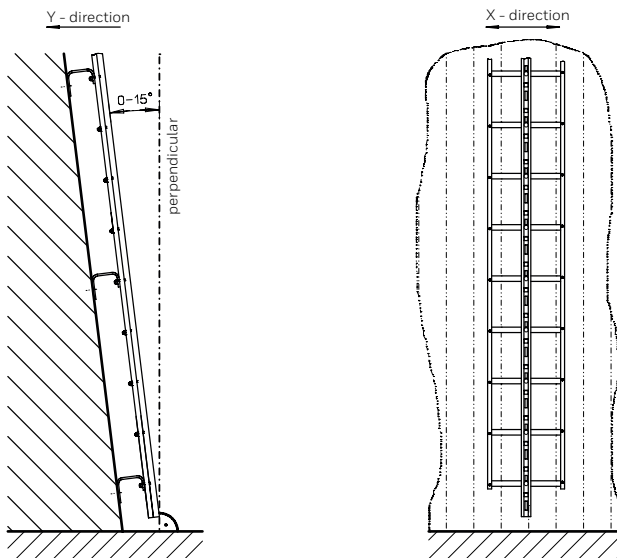
- The ladder must be easy to fold and open. Ensure perfect alignment using a plumb line when using several parts of the ladder.
- Every ladder section needs to have at least one mounting bracket (depending on the spacing of the mounting brackets, 2 or 3 mounting brackets are required for foldable ladders).
- The connection between two ladder sections must be flush and smooth.
- In the **X-direction** ladder section shall be **vertical** (see fig.18).
- In the **Y-direction** the angle between the vertical line and the ladder sections may range from **0° bis 15°**. (see fig.18)
- Always check the following screw connections:
  - mounting bracket to support structure
  - mounting bracket to ladder rail
  - connections between ladder sections
  - attachment of end stops to rail
- All screw connections have to be properly tightened and secured against unintended opening (refer to section E).
- Spring pressure must be applied to remove the stop bolt of the fixing device and the stop bolt of the climbing blocks.
- To guarantee locking of the ladder, this must be performed using a padlock.



**Note:**

Installer shall agree with system owner about the necessary quantity of fall arresters (e.g. Comfort) needed. Every system shall include at least two fall arresters.

**Fig. 18**



## E Bolt connections/securing of bolts

At use of hot dip galvanized screws the tooth washer ensures satisfactory securing of the screw/nut connection.

At use of stainless steel screws self-locking nuts (nylon or similar) shall be used.

## F Maintenances

The Söll GlideLoc fall arrest system should be inspected regularly as required, but the system must be inspected at least once every 12 months. Abnormal environmental conditions (dirt, dust, chemical impacts, temperature, UV radiation and other) can require more frequent maintenance intervals. Please ask the customer service person responsible for your area for advice.

Always ensure Manufacturer's instructions and statutory regulations are taken into account when inspecting.

F1.



### **Warning!**

**Inspections may only be carried out by the manufacturer or by its authorized person or body. The authorization can be acquired through a training and regular refreshers by the manufacturer. The hereby received certificate is valid for 3 years and authorizes to conduct regular inspections of Söll systems.**

### **Important!**

**If the fall arrest system has not been used for a period longer than 1 year, it must be inspected before reusing it.**



### **Danger!**

**A defective fall arrest system or one which has been subjected to stress resulting from a fall shall no longer be used and must be removed from service. It may only be used again if an authorized person or body approves such use in writing.**

### **Warning!**

**An authorization for inspections does not include an authorization to carry out repairs.**

- F2. Fall arresters must be examined by a authorized person at least once a year and after every fall incident. In such cases refer to the relevant instructions of the fall arrester.
- F3. Check the proper condition and functioning of all elements of the fall protection system before and during use.
- F4. The locking bolt of the locking fixture must be pressed into the original position by spring pressure. In the final position (foldable ladder folded or opened) the locking bolt must lock cleanly and effectively.
- F5. The end stop with locking bolt (Fig. 13b/Detail 7.0) or the rigid end stop (Fig. 13a/Detail 6.0) must be fitted to the end of the climbing path (only applicable when the foldable ladder is used as complete climbing path). The end stop with locking bolt(7.0) must be fitted to the left side of the guide rail.
- F6. The locking bolts of the top and bottom end stops must be pushed back into their original position by means of spring pressure.

F7. Guide-rails must always be free of dirt.

F8. Any bolt connections must be tightly fastened and secured, see section E.

F9. **Identification**

The identification plate (fig. 5.1) at the access points contains the following information. **The presence of the identification plate is mandatory and it must not be removed.**

**At each regular inspection the legibility must be checked.**

1. Manufacturer, vendor or importer
2. Type designation: Söll GlideLoc
3. Product description: Fall Protection system
4. Version (C-AL, C-A4, C-St, RC-AL)
5. Reference to place of batch number
6. Installation date
7. Installation number (labelled internally by the installer)
8. Next inspection date
9. Applicable standard and year / Technical specification: EN 353-1:2014+A1:2017
10. Mark and identification number of the monitoring notified body of the fall protection system: CE 0158, DEKRA Testing and Certification GmbH
11. Technical Regulation of the Customs Union
12. Conformity marking of the Eurasian Customs Union
13. Pictogram advising the operator to read the instructions
14. Pictogram advising the operator to wear fall protection equipment
15. Note: Only use with harness EN 361 and Söll fall arrester EN 353-1 for use in Söll GlideLoc systems (Please note: A combination with components or elements of other manufacturers is not warranted by Honeywell Fall Protection Deutschland GmbH & Co. KG).

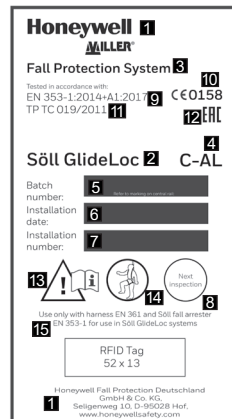


Fig. 5.1 - Identification plate

## G Approval and inspection check list

**Foldable ladder as access prevention**

**Part No. 23193/23281**

**Foldable ladder as complete climbing path**

**Part No. ZALKLAPP**

The regular inspections must be carried out as needed (e.g. after non-use of more than one year or because of special/ abnormal environmental conditions) or at least every 12 months under consideration of the legal requirements, the terms of use and the operational conditions.

### **Important!**

**In case the dates between which the system has been used are more than a year apart, the system must be inspected by an authorized person or body before the intended next use as described above.**

**The regular inspections are necessary as the safety of the user depends on the effectiveness and durability of the equipment.**

### **Tightening torques**

We recommend the following torque forces for fastening the fixing screws:

Screw material	Galvanized steel, 8.8			Stainless steel		
Size	M10	M12	M16	M10	M12	M16
Torque	20Nm	25Nm	60Nm	25Nm	30Nm	65Nm

## Control activity

- Distance between mounting brackets does not exceed 1680 mm and is in accordance with section B 15.
- The gaps at the guide-rail joints comply with section B 19.
- The bolt connections between structure and mounting elements comply with sections B 7, B 8 and B 9.
- The mounting elements are correctly installed and all bolt connections are tightly fastened (tightening torques as per section B 16 are used)
- The bolt connections pre-mounted at the factory have also been checked (tightening torques as per section B 16 are used)
- All bolt connections are secured against loosening in accordance with section E.
- The guide-rails are free of dirt.
- Only anticorrosive, or hot dip galvanized mounting elements and bolt connections have been used.
- The Söll fall arrester can only be inserted into the guide-rail in the direction of application.
- System owner has at least two Söll fall arresters.
- ID plate is displayed.
- Test climbing has taken place.
- This manual was handed over to the operator.
- Only original components from Honeywell Fall Protection Deutschland GmbH & Co. KG were used.

### Remarks

(Please cross)

yes no

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### Remarks

(Please cross)

yes no

### Only for foldable ladders used as access prevention:

- Depending on the spacing of the mounting brackets, the ladder part must be mounted with 2 or 3 mounting brackets.

<input type="checkbox"/>	<input type="checkbox"/>
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### Only for foldable ladders used as complete climbing path:

- The first part of the ladder together with locking system/recess has been fitted at the start of the climbing path.
- Every part of the ladder is fitted with at least one mounting bracket.
- An end stop has been fitted at the end of the climbing path in compliance with section B 18 (Figs. 13a/13b).
- In compliance with section B 21, there are no parts of the ladder protruding more than 525 mm without spar reinforcement.
- The spar reinforcement has been fitted in compliance with section B 21.

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**Comments:**

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**Acceptance of the climbing path:**

Approved

Not approved Reasons:

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**Next inspection:**

After 1 year

As necessary:

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Operator:

---

Site:

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Name of inspector:

---

Company of inspector:

---

Place, date

Signature of inspector

Signature of operator

## H Inspections and repairs

Year of manufacture:		Type designations/standard:		
Date of purchase:		Installation number:		
Date of first use:				
Date	Reason for working on the system (*)	Damage determined, repairs carried out and other important details	Name and signature of the inspector/repairer	Date of the next regular inspection

EN/ Notified body having carried out the EU test of type: /BG/ Нотифициран орган, който провежда ЕС изпитване на тип: /CS/ Oznámený orgán, který provedl EU test typu: /DA/ Godkendt organisme, der har udført EU-typeprøvnningen: /DE/ Zugelassene Stelle, welche die EU-Typprüfung durchge führt hat: /EL/ **Κοινοποιημένος οργανισμός ο οποίος δεινύρησε τη δοκιμή τύπου ΕΕ**: /ES/ Organismo notificado que ha realizado el examen UE de tipo: /ET/ Teavitatud asutus, mis tegi EL-tüübikatsse: /FI/ Ilmoitettu jätjestö, joka on suorittanut EU-tyyppitarkastuksen: /FR/ Organisme notifié ayant réalisé l'examen UE de Type: /HR/ Nadležno tijelo, koje je izvršilo EU tipisko testiranje: /HU/: A típus EU teszjtét elvégző kijelölt szervezet: /IT/ Organismo notificato che ha effettuato il controllo UE del Tipo: /LT/ Informuota institucija, atlikusi ES tipo testą: /LV/ Pārraudzītājs tēstāde, kas veikusi tipa ES pārbaudi: /NL/ Erkend organisme dat het EU type-onderzoek uitvoerde: /NO/ Notifisert organ som har utført EU-typeundersøkelse: /PL/ Jednostka notyfikowana zrealizowała badanie UE typu: /PT/ Organismo notificado tendo realizado o exame de tipo UE /RO/ Organismul notificat care a efectuat testarea UE de tip: /RU/ Уполномоченный орган, выполняющий испытание ЕС типа: /SK/ Notifikovaný orgán, ktorý uskonal skúšku typu EÚ: /SV/ Officiellt provningsorgan som utfört EU-kontrollen av Typ: /TR/ AB tip testini yürütmüş olan onaylı kuruluş;

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EN/ Notified body involved in the monitoring of production (module C2): /BG/ Нотифициран орган, включен в мониторинга на производството (модул C2): /CS/ Oznámený orgán zapojený do sledování výroby (modul C2): /DA/ Bemyndiget organ involveret i overvågning af produktion (modul C2): /DE/ Benannte Stelle, die an der Überwachung der Produktion beteiligt ist (Modul C2): /EL/ **Κοινοποιημένος οργανισμός που συμμετέχει στην παρακολούθηση της παραγωγής (ενότητα C2)** /ES/ Organismo notificado involucrado en el monitoreo de producción (módulo C2): /ET/ Tootmist jälgiv teavitatud asutus (module C2): /FI/ Ilmoitettu taho, joka mukana laitteen valmistuksen valvonnassa (moduuli C2): /FR/ Organisme notifié intervenant dans le suivi de production (module C2): /HR/ Nadležno tijelo uključeno u nadzor proizvodnje (modul C2): /HU/ A termelés felügyelését biztosító szerv (D modul): /IT/ Organismo notificato coinvolto nel monitoraggio della produzione (modulo C2) /LT/ Notifikuotoji įstaiga, atliekanti gamybos stebėjimą (D modulis): /LV/ Pārraudzītājs tēstāde, kas iesaistīta ražošanas pārraudzībā (modulis C2): /NL/ Erkend organisme dat betrokken is bij het toezicht op de productie (module C2): /NO/ Notifisert organ involvert i overvåking av produksjon (modul C2): /PL/ Jednostka notyfikowana zaangażowana w monitorowanie produkcji (modul C2): /PT/ Organismo notificado incluído para a monitorização de produção (módulo C2): /RO/ Organismul notificat responsabil cu monitorizarea producției (modul C2): /RU/ Уполномоченный орган, занимающийся мониторингом производства (модуль C2): /SK/ Notifikovaný orgán zapojený do monitorovania výroby (modul C2): /SL/ Obveščeni organ, ki je vključen v nadzorovanje izdelovanja (modul C2): /SV/ Officiellt provningsorgan ansvarigt för produktionsövervakning av produktion (modul C2): /TR/ Üretim izleminde görev alan onaylı kuruluş (Modül C2)

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EN/ Honeywell Fall Protection hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Regulation EU 2016/425 and all other EU directive requirements. The complete declaration of conformity can be found at: /BG/С настоящото Honeywell Fall Protection декларира, че този продукт съответства на основните изисквания и останалите съответни разпоредби на Регламент 2016/425 на ЕС и на всички останали изисквания на директивите на ЕС. Цялата декларация за съответствие е достъпна на: /CS/ Honeywell Fall Protection tímto prohlašuje, že tento výrobek splňuje základní požadavky a další relevantní ustanovení Nařízení EU 2016/425 a všechny ostatní požadavky směrnice EU. Uplně prohlášení o shodě lze nalézt na: /DA/ Honeywell Fall Protection erklærer hermed, at dette produkt stemmer overens med væsentlige krav og andre relevante bestemmelser i Forordning EU 2016/425 og alle andre krav i EU-direktiver. Den fulde overensstemmelseserklæring kan findes på: /DE/ Honeywell Fall Protection erklärt hiermit, dass dieses Produkt die wesentlichen Anforderungen und andere relevante Bestimmungen der Verordnung EU 2016/425 und weitere EU-Richtlinien erfüllt. Die vollständige Konformitätserklärung ist einsehbar unter: /EL/ Honeywell Fall Protection δηλώνει ότι το προϊόν αυτό συμμορφώνεται με τις βασικές απαιτήσεις και τις λοιπές σχετικές διατάξεις του ΚΑΝΟΝΙΣΜΟΣ ΕΕ 2016/425 και με όλες τις άλλες απαιτήσεις της Οδηγίας της ΕΕ. Η πλήρης δήλωση συμμόρφωσης βρίσκεται στον ιστότοπο: /ES/ Por la presente, Honeywell Fall Protection declara que este producto cumple con los requisitos esenciales y con otras cláusulas relevantes de la Reglamentación EU 2016/425 y con todos los demás requisitos de directivas de la UE. La declaración de conformidad completa se puede encontrar en: /ET/ Käesolevaga deklareerib Honeywell Fall Protection, et see toode vastab EL-i määrusele EU 2016/425 ja kõikide muude EL-i direktiivide põhinõuetele ja muudele asjakohastele nõuetele. Täieliku vastavusdeklaratsiooni võite leida saidilt: /FI/ Honeywell Fall Protection vakuuttaa täten, että tämä tuote täyttää Asetus EU 2016/425 sekä muiden EU-direktiivien olennaiset vaatimukset. Täydellinen vaatimustenmukaisuuskuitutus on osoitteessa: /FR/ Honeywell Fall Protection déclare que ce produit est conforme aux critères essentiels et autres dispositions du Règlement UE 2016/425 et des autres directives européennes applicables. L'attestation complète de conformité est disponible à l'adresse: /HR/ Honeywell Fall Protection izjavljuje da proizvod ispunjava zahtjeve i druge odgovarajuće odredbe Uredbe EU 2016/425 i ostalih EU-Direktiva. Potpunu izjavu o suglasnosti potražite na: /HU/ A Honeywell Fall Protection nyilatkozza, hogy a termék megfelel az érvényes követelményeknek és a 2016/425 sz. EU Rendelet előírásainak és a többi EU-s irányelvről előírtakat. A teljes megfelelőségi nyilatkozatot megtekintheti a weboldalon.

<https://doc.honeywellsafety.com>

IT/ Honeywell Fall Protection dichiara che il presente prodotto è conforme ai requisiti essenziali e ad altre disposizioni applicabili dal Regolamento UE 2016/425 e di tutte le altre direttive UE. La dichiarazione di conformità completa è disponibile all'indirizzo: /LT/ Šiuo dokumentu „Honeywell Fall Protection“ pareiškia, kad šis produktas atitinka 2016/425 ES reglamentą ir kitų ES direktyvų atitinkamus esminius reikalavimus ir kitas susijusias nuostatas. Visą atitikties deklaraciją galite rasti adresu: /LV/ Uzņēmums Honeywell Fall Protection ar šo paziņo, ka šis produkts atbilst Regulas (ES) 2016/425 pamatprasībām un saistītajiem noteikumiem, kā arī visu citu ES direktīvu prasībām. Pilna atbilstības deklarācija ir pieejama vietnē: /NL/ Honeywell Fall Protection verklaart hierbij dat dit product voldoet aan de essentiële vereisten en andere relevante bepalingen van Verordening EU 2016/425 en alle andere vereisten van de EU-Reglementering. De volledige conformiteitsverklaring kunt u vinden op: /NO/ Honeywell Fall Protection erklærer herved at dette produktet er i samsvar med grunnleggende og andre relevante krav i henhold til forordning EU 2016/425 og alle andre krav i EU-direktiver. Den fullstendige overholdelseserklæringen finner du på: /PL/ Firma Honeywell Fall Protection niniejszym deklaruje, że ten produkt jest zgodny z podstawowymi wymaganiami i zaleceniami określonymi w rozporządzeniu EU 2016/425 oraz innych dyrektywach UE. Pełną treść deklaracji zgodności jest dostępna w witrynie: /PT/ A Honeywell Fall Protection declara pelo presente que este produto está de acordo com os requisitos essenciais, bem como outras disposições relevantes, da Regulamento EU 2016/425 e todos os outros requisitos de diretivas da União Europeia. O texto completo da Declaração de Conformidade encontra-se em: /RO/ Honeywell Fall Protection declară prin prezentul că acest produs respectă cerințele esențiale și alte prevederi relevante ale Regulamentului UE 2016/425 și ale tuturor celorlalte cerințe ale directivei UE. Declarația completă de conformitate poate fi găsită la: /RU/ Корпорация Honeywell Fall Protection настоящим заявляет, что данный продукт соответствует основным требованиям и другим соответствующим положениям регламента ЕС 2016/425 и прочих требований директивы ЕС. Полную декларацию соответствия можно найти здесь: /SK/ Spoločnosť Honeywell Fall Protection týmto vyhlasuje, že tento výrobok je v súlade so základnými požiadavkami a ďalšími príslušnými ustanoveniami nariadenia EÚ 2016/425 a všetkými ostatnými požiadavkami smernice EÚ. Uplne vyhlásenie o zhode možno nájsť na adrese: /SL/ Honeywell Fall Protection s tem izjavlja, da je ta izdelek skladen s ključnimi zahtevami in drugimi relevantnimi določili Uredbe EU 2016/425 in vsemi drugimi zahtevami direktive EU. Celotno izjavo o skladnosti lahko najdete na: /SV/ Härmed förklarar Honeywell Fall Protection att denna produkt i alla väsentliga avseenden uppfyller de krav och föreskrifter som uppställts enligt Förordning EU 2016/425 och andra EG-direktiv. En komplett försäkran om överensstämmelse finns på: /TR/ Honeywell Düşme Önleyici Tertibatı şbu belgede bu ürünün AB yönetmeliği 2016/425'in temel gerekliliklerine ve diğer ilgili hükümlerine uygun olduğunu beyan eder. Tam uygunluk beyanı adresinde mevcuttur.





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