

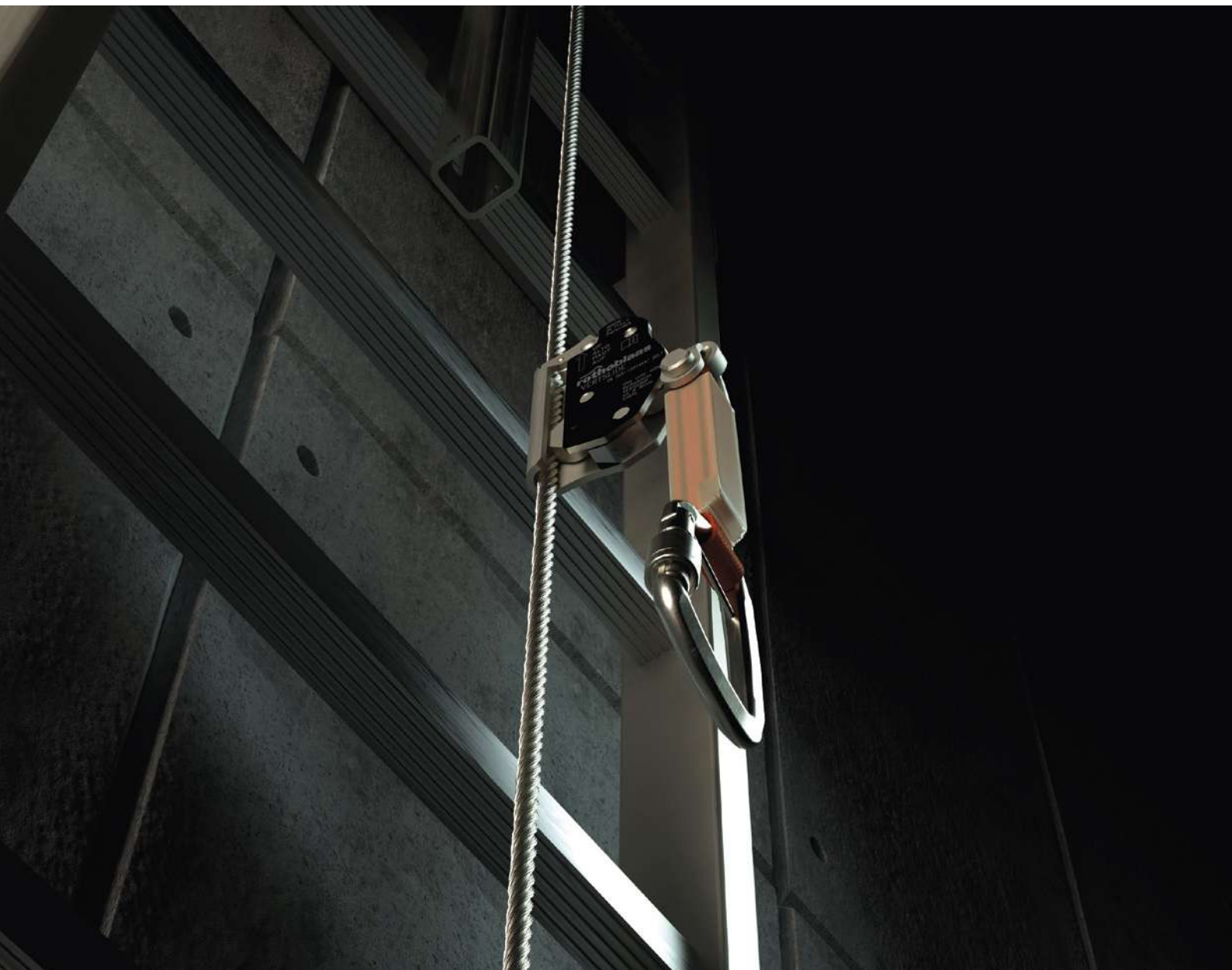
# VERTIGRIP

## VERTICAL LIFELINE

### SIMPLE, MODULAR, DURABLE.

The VERTIGRIP vertical lifeline is the ideal system for ensuring safety on ladders and vertical accesses.

Fast and easy to assemble, installation only takes a few steps. Modular system that can meet any design requirement thanks to the wide range of available accessories offering greater versatility of use. Complete system in AISI 316 stainless steel - AISI 304 stainless steel - EN AW 6082 aluminium alloy, guarantees good corrosion resistance.



## VERTIGRIP ON LADDER

VERTICAL LIFELINE ON LADDERS



▶ PAGE 56



## VERTIGRIP ON WALL

VERTICAL LIFELINE ON WALL



▶ PAGE 58



## VERTIGRIP A4

VERTICAL LIFELINE WITH A4 STAINLESS STEEL ELEMENTS



▶ PAGE 60



# VERTIGRIP ON LADDER

## VERTICAL LIFELINE ON LADDERS



RFU 11.119

### QUALITY

Complete system in AISI 316 stainless steel - AISI 304 stainless steel  
EN AW 6082 aluminium alloy, guarantees excellent corrosion resistance.



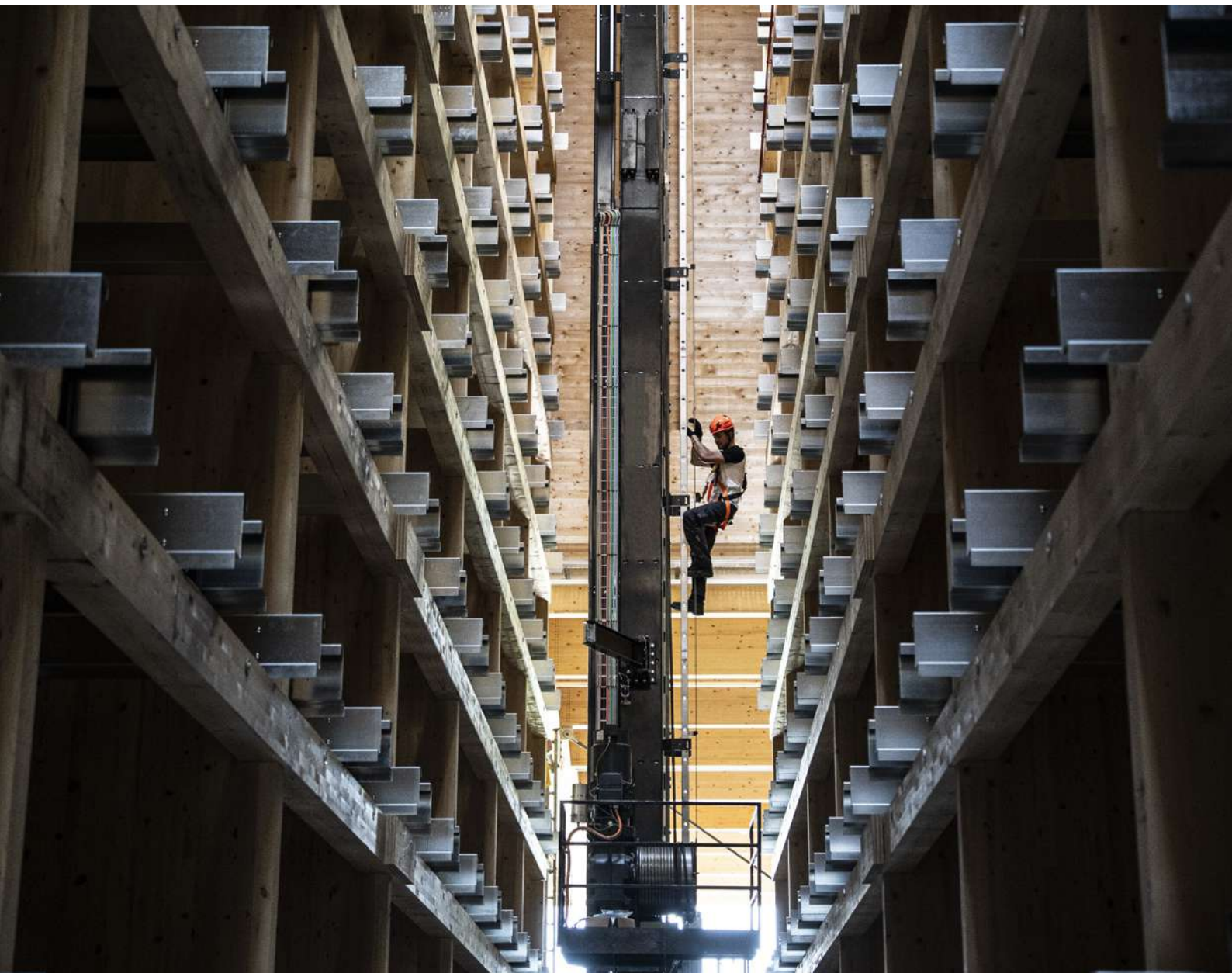
### TOTAL CONTROL

Guided type fall arrester on rope with integrated energy absorber, which allows a controlled ascent and descent in safe conditions.

### PRACTICAL

The system can be assembled off-centre on the ladder.

▼ *Installation of a VERTIGRIP vertical lifeline on a ladder for maintenance of an automated warehouse.*

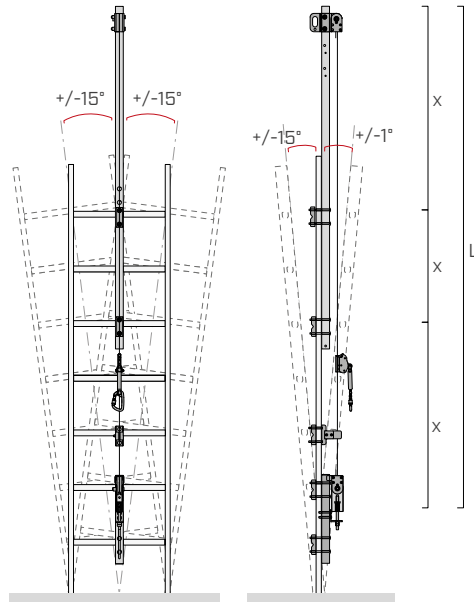


## VERTICAL LIFELINE COMPONENTS

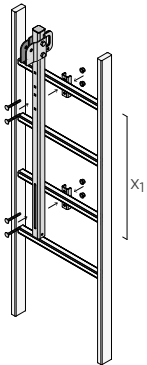
n.	CODE
1	VERTBASE
2	VERTSPEAR
3	VERTHAND
4	VERTSUP
5	CABLE
6	VERTINTPAS1 / VERTINTPAS2 / VERTINT
7	VERTSLIDEPAS / VERTSLIDE
8	VERTOP17 / VERTOP09

## TECHNICAL DATA\*

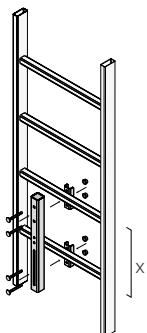
A2  
AISI 304



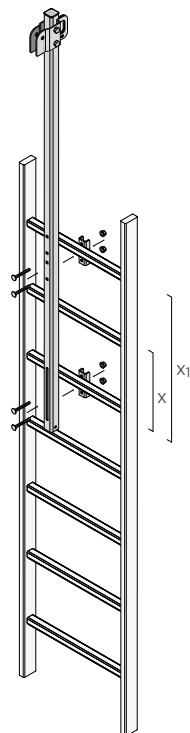
L = max 200 m  
x = max 5 m



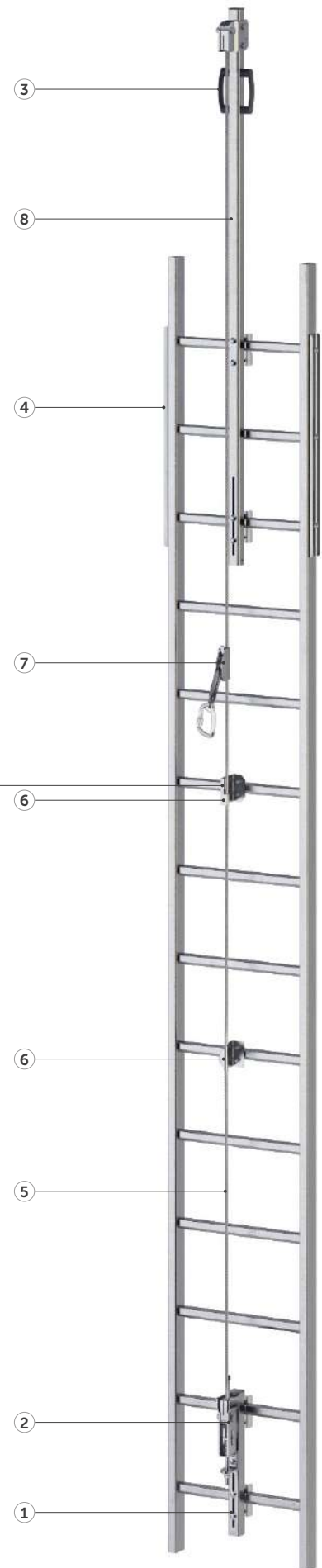
$450 \text{ mm} \leq x_1 \leq 700 \text{ mm}$



$225 \text{ mm} \leq x \leq 350 \text{ mm}$



$450 \text{ mm} \leq x_1 \leq 700 \text{ mm}$   
 $225 \text{ mm} \leq x \leq 350 \text{ mm}$



\* The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a calculation report with minimum distances according to the relevant standard requirements, the substructure must be checked by a qualified engineer before installation.

# VERTIGRIP ON WALL

## VERTICAL LIFELINE ON WALL

A2  
AISI 304

CE

EN  
353-1:2014  
+ A1:2017

RFU 11.119

### ALTERNATIVE

Alternative solution when it is not possible to assemble the vertical lifeline on the ladder.

### ADJUSTABLE

Possibility of adjusting the distance of the lifeline from the wall.

### FUNCTIONAL

It can be installed on walls inclined at an angle of up to 15° from the vertical.



▼ Installation of VERTIGRIP vertical lifeline on a ladder for maintenance of a high voltage tower.

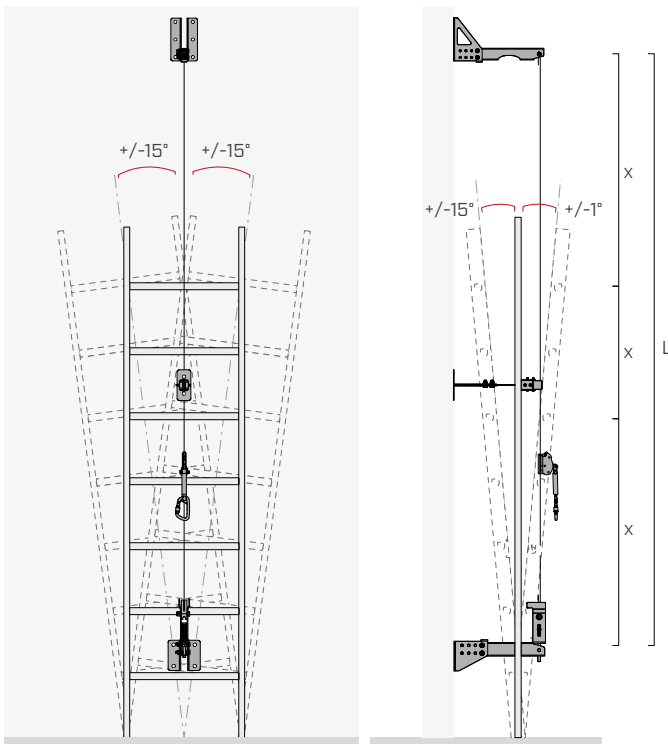


## VERTICAL LIFELINE COMPONENTS

n.	CODE
1	VERTBASEW
2	VERTSPEAR
3	CABLE
4	VERTINTPAS1 / VERTINTPAS1 / VERTINTPAS2
5	VERTSLIDEPAS / VERTSLIDE
6	VERTOPW
7	VERTINTPAS1 / VERTINTPAS2 / VERTINT

## TECHNICAL DATA\*

substructure	minimum thickness	fasteners
 CLT	200 mm	VGS Ø9 
 C20/25	140 mm	AB1 Ø12 
		rod Ø12 
		VIN-FIX HYB-FIX 
 S235JR	6 mm	EKS + ULS + MUT 



L = max 200 m

x = max 5 m

\* The values indicated are derived from experimental tests carried out under the supervision of third party organisations according to the referenced standard. For a calculation report with minimum distances, according to the referenced normative requirements, the substructure must be verified by a qualified engineer before installation.



# VERTIGRIP A4

A4  
AISI 316

CE

## VERTICAL LIFELINE WITH A4 STAINLESS STEEL ELEMENTS

EN  
353-1:2014  
+ A1:2017  


RFU 11.119

### STRONG

AISI 316 stainless steel elements provide excellent corrosion resistance in marine and industrial environments.



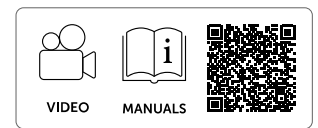
### TOTAL CONTROL

Guided type fall arrester on rope with integrated energy absorber, which allows a controlled ascent and descent in safe conditions.

### FUNCTIONAL

It can be installed on walls inclined at an angle of up to 15° from the vertical.

▼ Installation of VERTIGRIP A4 vertical lifeline on a ladder for maintenance of an offshore installation.



## VERTICAL LIFELINE COMPONENTS

n. CODE

1 VERTBASEA4

2 VERTSPEARA4

3 VERTINTPAS1A4 / VERTINTA4 /  
VERTINTPAS2A4

4 VERTSLIDEPAS / VERTSLIDE

5 VERTOP09A4

6 CABLE

### TECHNICAL DATA

For technical data, please refer to the VERTIGRIP ON LADDER page 56.

n. CODE

1a VERTBASEWA4

2a VERTSPEARA4

3a VERTINTPAS1A4 / VERTINTPAS2A4  
VERTINTA4 / VERTINTWA4

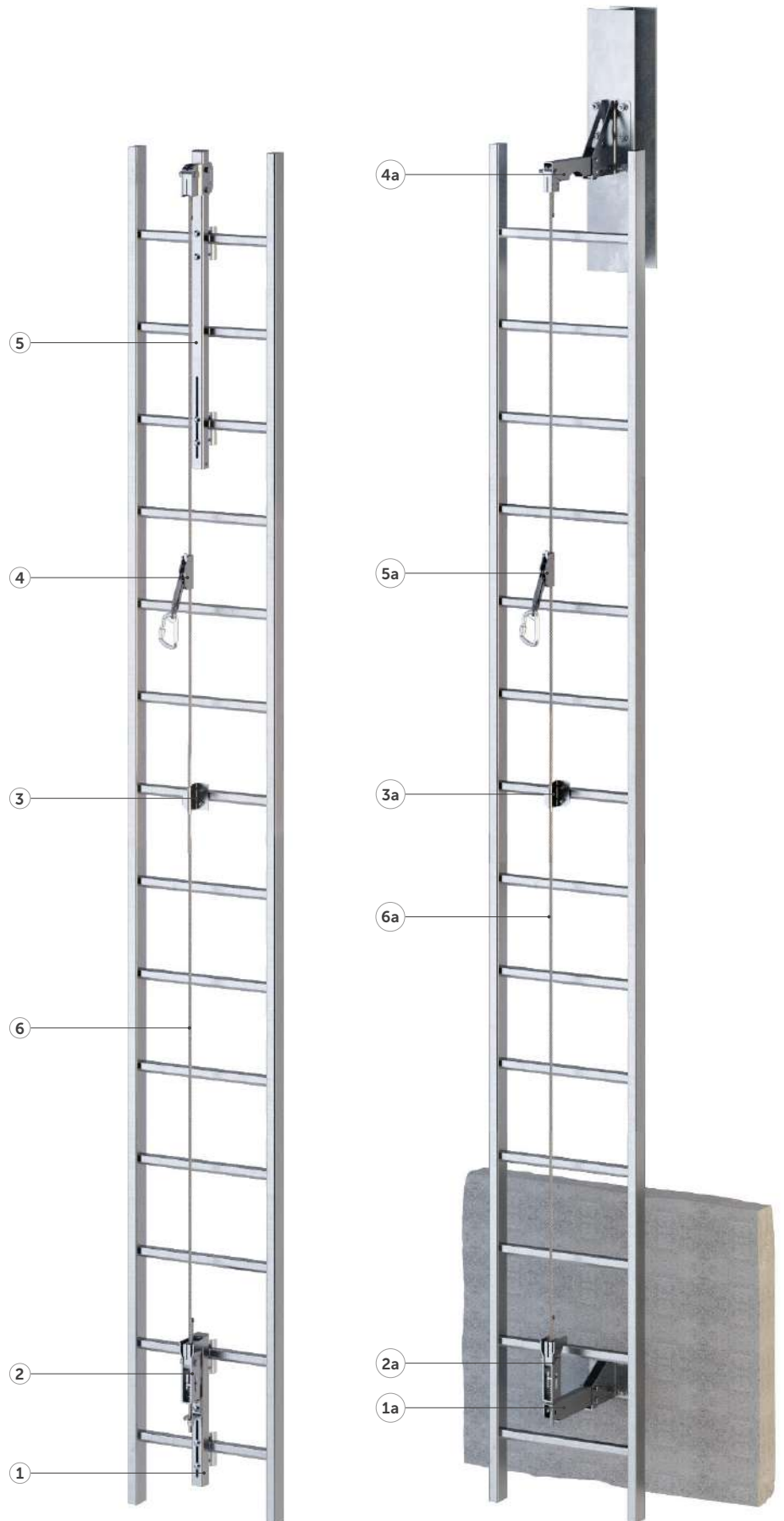
4a VERTOPWA4

5a VERTSLIDEPAS / VERTSLIDE

6a CABLE

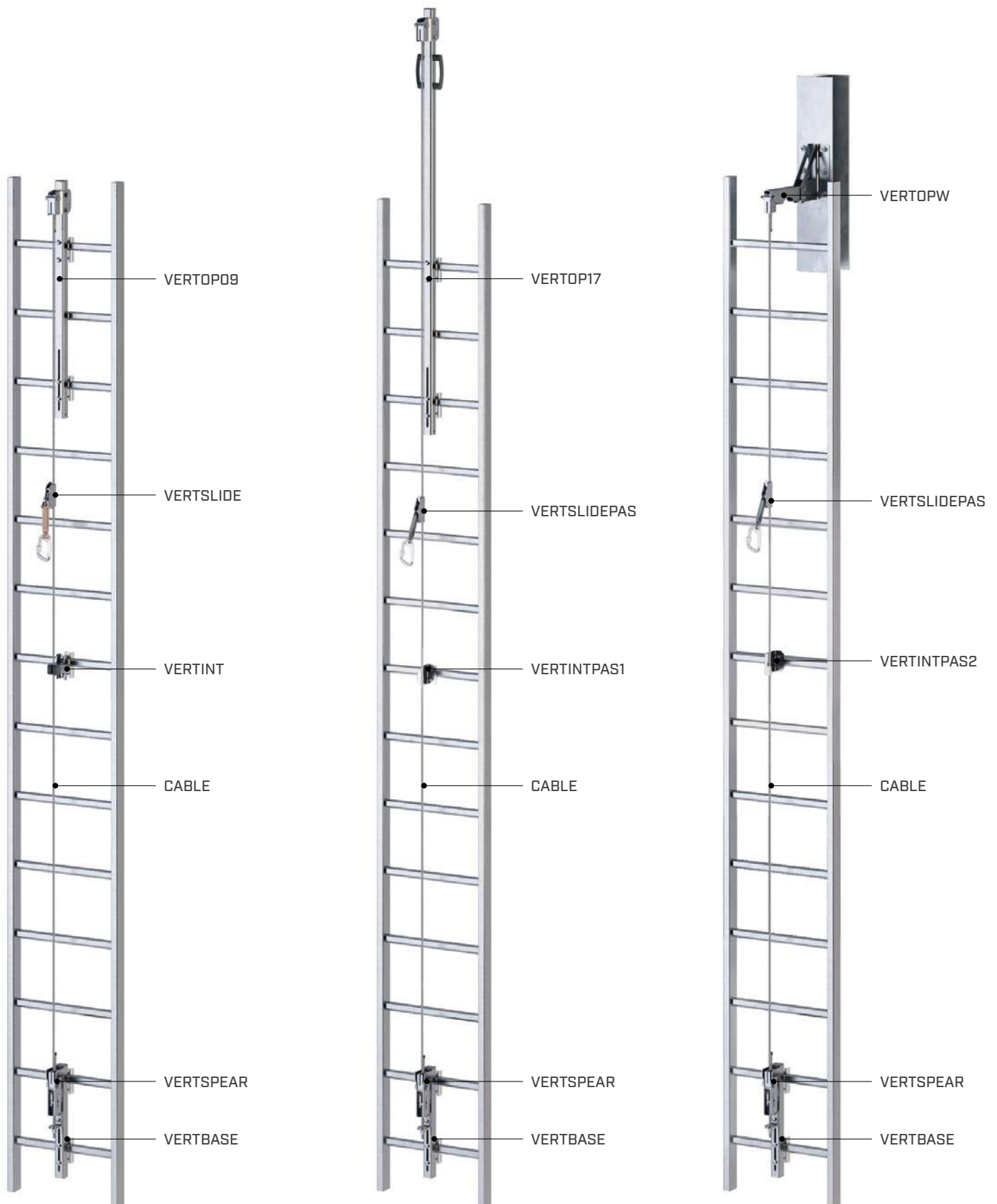
### TECHNICAL DATA

For technical data, please refer to the VERTIGRIP ON WALL page 58.





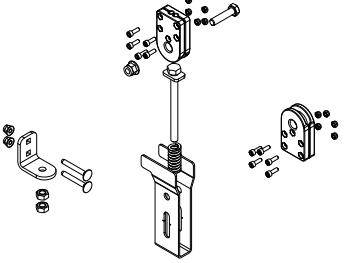


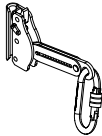

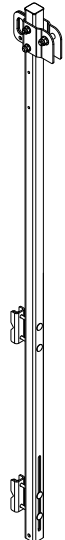
# VERTIGRIP | combinations





# VERTIGRIP | components

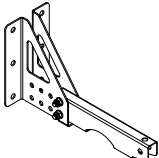
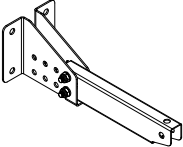
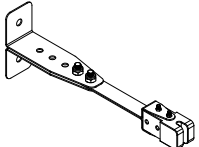
## MAIN COMPONENTS OF THE VERTICAL LIFELINE

GROUP	CODE	description	material	weight [kg]	pcs	
TENSIONER	VERTSPEAR	set for vertical lifeline with clamps and tensioner	stainless steel 1.4301 / AISI 304 EN AW 6082 aluminium	2,60	1	
	VERTSPEARA4	set for vertical lifeline with A4 clamps and tensioner	AISI 316 stainless steel grade 1.4401			
ROPE	CABLE	stainless steel rope AISI 316 Ø8 mm 7x7	AISI 316 stainless steel	0,259	1	
GUIDED TYPE FALL ARRESTER	VERTSLIDE	removable guided type fall arrester with energy absorber for vertical lifeline	AISI 304 stainless steel grade 1.4301 EN AW 7075 T6 aluminium	0,465	1	
	VERTSLIDEPAS	removable sliding through fall arrest device with energy absorber for vertical lifeline	AISI 304 stainless steel grade 1.4301	0,67	1	
UPPER ANCHOR SYSTEM	VERTOP09	upper anchor system (0,9 m) for vertical lifeline on ladder	AISI 304 stainless steel grade 1.4301	4,44	1	
	VERTOP09A4	upper anchor system (0,9 m) for vertical lifeline on A4 ladder	AISI 316 stainless steel grade 1.4401			
	VERTOP17	upper anchor system (1,7 m) for vertical lifeline on ladder	AISI 304 stainless steel grade 1.4301	9,46	1	
	VERTOP17A4	upper anchor system (1,7 m) for vertical lifeline on A4 ladder	AISI 316 stainless steel grade 1.4401			

GROUP	CODE	description	material	weight	pcs	
				[kg]		
LOWER ANCHOR SYSTEM	VERTBASE	lower anchor system for vertical lifeline on ladder	AISI 304 stainless steel grade 1.4301	1,84	1	
	VERTBASEA4	lower anchor system for vertical lifeline on A4 ladder	AISI 316 stainless steel grade 1.4401			
INTERMEDIATE BRACKET*	VERTINT	intermediate bracket for vertical lifeline on ladder	AISI 304 stainless steel grade 1.4301 - ABS	0,64	1	
	VERTINTA4	intermediate anchor system for vertical lifeline on A4 ladder	AISI 316 stainless steel grade 1.4401 - ABS			
	VERTINTPAS1	fixed pass-through intermediate for vertical lifeline	AISI 304 stainless steel grade 1.4301	0,126	1	
	VERTINTPAS1A4	fixed pass-through intermediate element for vertical A4 lifeline	AISI 316 stainless steel grade 1.4401			
	VERTINTPAS2	removable pass-through intermediate element for vertical lifeline	AISI 304 stainless steel grade 1.4301	0,155	1	
	VERTINTPAS2A4	removable pass-through intermediate element for vertical A4 lifeline	AISI 316 stainless steel grade 1.4401			


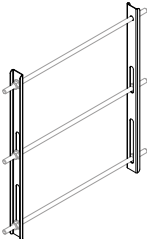
\*Recommended every 5 meters.

## SUPPORT FOR VERTICAL LIFELINE ON STRUCTURE

GROUP	CODE	description	material	weight	pcs	
				[kg]		
UPPER ANCHOR SYSTEM	VERTOPW	upper anchor system for vertical lifeline on structure	stainless steel 1.4301 / AISI 304	5,17	1	
	VERTOPWA4	upper anchor system for vertical lifeline on A4 structure	AISI 316 stainless steel grade 1.4401			
LOWER ANCHOR SYSTEM	VERTBASEW	lower anchor system for vertical lifeline on structure	stainless steel 1.4301 / AISI 304	4,52	1	
	VERTBASEWA4	lower anchor system for vertical lifeline on A4 structure	AISI 316 stainless steel grade 1.4401			
INTERMEDIATE BRACKET*	VERTINTW	intermediate bracket for vertical lifeline on structure	stainless steel 1.4301 / AISI 304 - ABS	1,52	1	
	VERTINTWA4	intermediate anchor system for vertical lifeline on A4 structure	AISI 316 stainless steel grade 1.4401 - ABS			

\*Recommended every 5 meters.

## VERTICAL LIFELINE ACCESSORIES

GROUP	CODE	description	material	weight [kg]	pcs	
HANDLE	VERTHAND	set of handles for VERTOP17	PA6 - stainless steel 1.4301 / AISI 304	0,14	1	
LADDER REINFORCE- MENT	VERTSUP1	additional reinforcement set for ladder*	stainless steel 1.4301 / AISI 304	1,48	1	

\*Threaded bars, nuts and washers not included in the set.

## INFORMATION PLATE

CODE	description	pcs
TARGA	system information plate: IT-EN-DE-ES-FR	1
TARGASTI1	additional adhesive for TARGA: PL-SK-CZ-HU-RO	1
TARGASTI2	additional adhesive for TARGA: NL-SV-NO-FI-RU	1

# VERTIGRIP | sliding devices



## VERTSLIDE

Removable guided type fall arrester with energy absorber for vertical lifeline.



## VERTSLIDEPAS

Removable sliding through fall arrest device with energy absorber for vertical lifeline.

technical features		VERTSLIDE	VERTSLIDEPAS
standard		EN 353-1:2014 + A1:2017	EN 353-1:2014 + A1:2017
absorber		fabric	stainless steel
types		semi - pass-through	through
cable diameter	[mm]	8	8
dimensions	[mm]	150 x 80 x 25	150 x 80 x 25
weight	[g]	200	300
type of closure		double block	triple block

## VERTIGRIP | ELEMENTS AND INTERMEDIATE ELEMENTS



### VERTINTPAS1

Fixed pass-through intermediate element for vertical lifeline.



### VERTINTPAS2

Removable intermediate element for vertical lifeline.



### VERTINT

Intermediate bracket for vertical lifeline on ladder.