VERTIGRIP
VERTICAL LIFELINE

■ SLIDING DEVICE

	VERTSLIDEPAS	VERTSLIDE
	removable sliding through fall arrest device with stainless steel energy absorber	removable sliding fall arrest device made entirely of stainless steel with energy absorber for vertical lifeline
standard	EN 353-1:2014 + A1:2017	EN 353-1:2014 + A1:2017
absorber	stainless steel	fabric
types	through	semi-automatic
cable diameter	8 mm	8 mm
dimensions	190 x 90 x 28 mm	150 x 80 x 25 mm
weight	1030 g	455 g
type of closure	3-step self-locking gate	screw ring nut

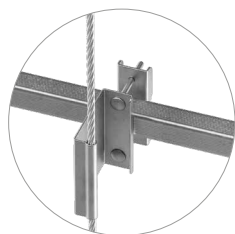## ■ ANCHOR POINT EN 795 A FOR ACCESS TO ROOF
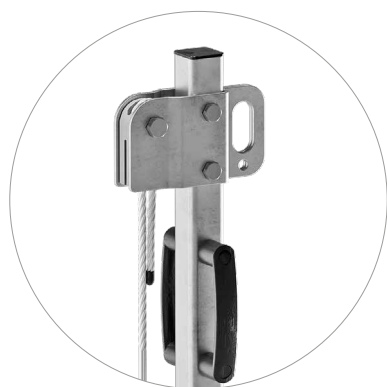
VERTOP17
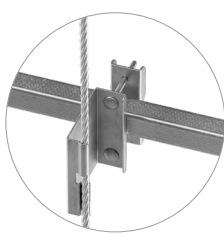anchor EN 795 Type A on VERTOP17
end element of VERTIGRIP
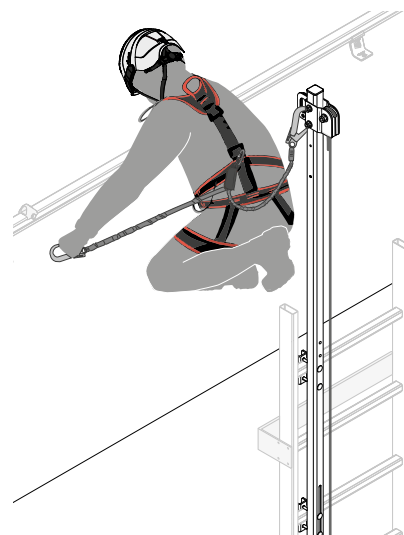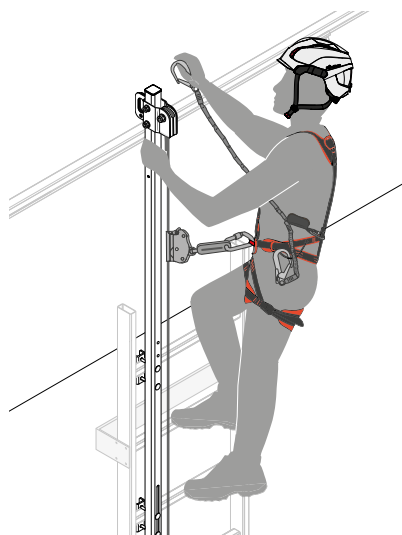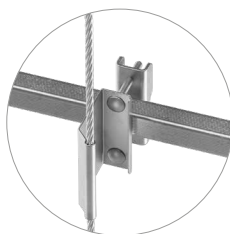
VERTIGRIP | ELEMENTS AND INTERMEDIATE ELEMENTS

VERTPAS
VERTPASA4

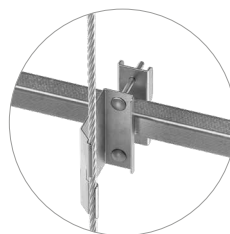fixed pass-through intermediate for vertical lifeline

VERTPASR
VERTPASRA4
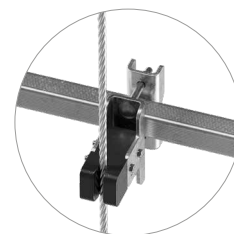
removable intermediate element for vertical lifeline

VERTPAS45
VERTPAS45A4

fixed pass-through intermediate element for vertical lifeline, designed for side installation
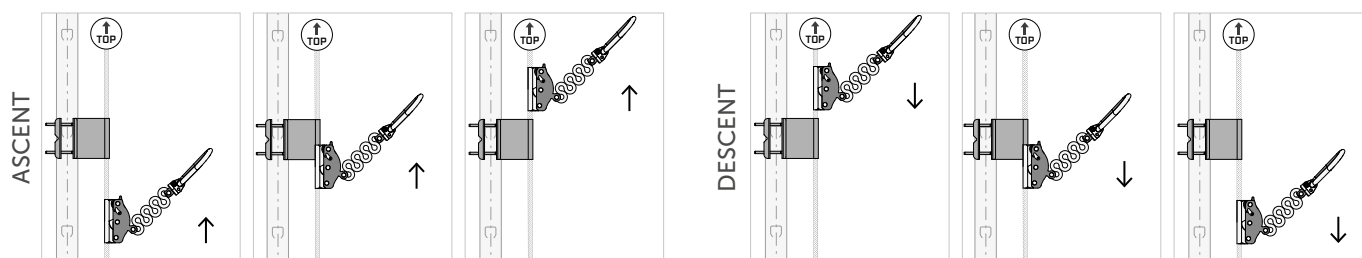
VERTPASR45
VERTPASR45A4

removable pass-through intermediate element for vertical lifeline, designed for side installation
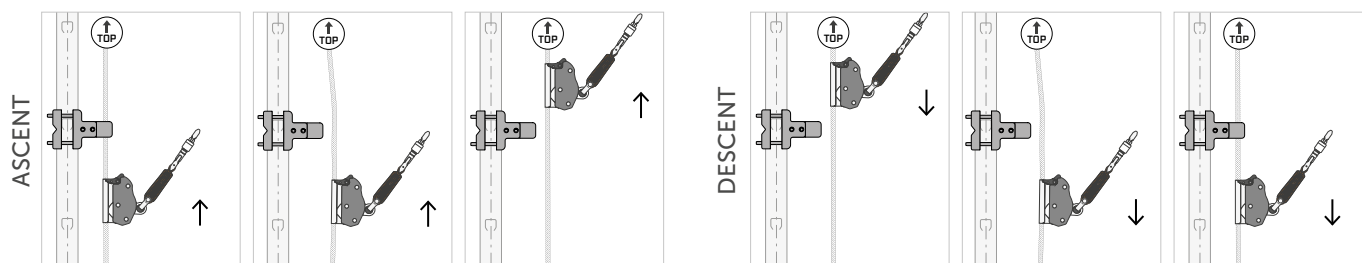
VERTINT

semi-automatic intermediate anchor for vertical lifeline, designed for installation on ladder

PASS-THROUGH SYSTEM

ASCENT

DESCENT

The VERTSLIDEPAS shuttle allows full automatic passage over the intermediate element of the VERTIGRIP vertical lifeline. Moreover, its energy absorber, made entirely of metal, offers unlimited durability, although annual maintenance is required.

SEMI-AUTOMATIC SYSTEM

ASCENT

DESCENT

The VERTSLIDE shuttle allows semi-automatic passage over the intermediate elements. During ascent and descent in safe conditions on the VERTIGRIP system, the operator must disconnect the cable from VERTINT or VERTINTW to pass the intermediate elements, then reconnect it to the end element. This is a simple, easy procedure.

INSTALLATION ON STRUCTURE

The wall supports allow installation on various façade substructures (timber, steel, concrete) and can be combined with the ladder supports.

VERTBASEW
VERTBASEWA4

lower support for vertical lifeline on structure

VERTINTW
VERTINTWA4

intermediate element for vertical lifeline on structure

VERTOPW
VERTOPWA4

upper support for vertical lifeline on structure

VERTIGRIP ON LADDER

VERTICAL LIFELINE ON LADDERS

CE

EN 353-1:2014 + A1:2017	RfU 11.119	EN* 795:2012 A	AS/NZS 1891.3:2020

*only for VERTOP17, VERTOP09, VERTOP17A4, VERTOP09A4

STRONG
Complete system in AISI 316 stainless steel - AISI 304 stainless steel - EN AW 6082 aluminium alloy, guarantees excellent corrosion resistance.
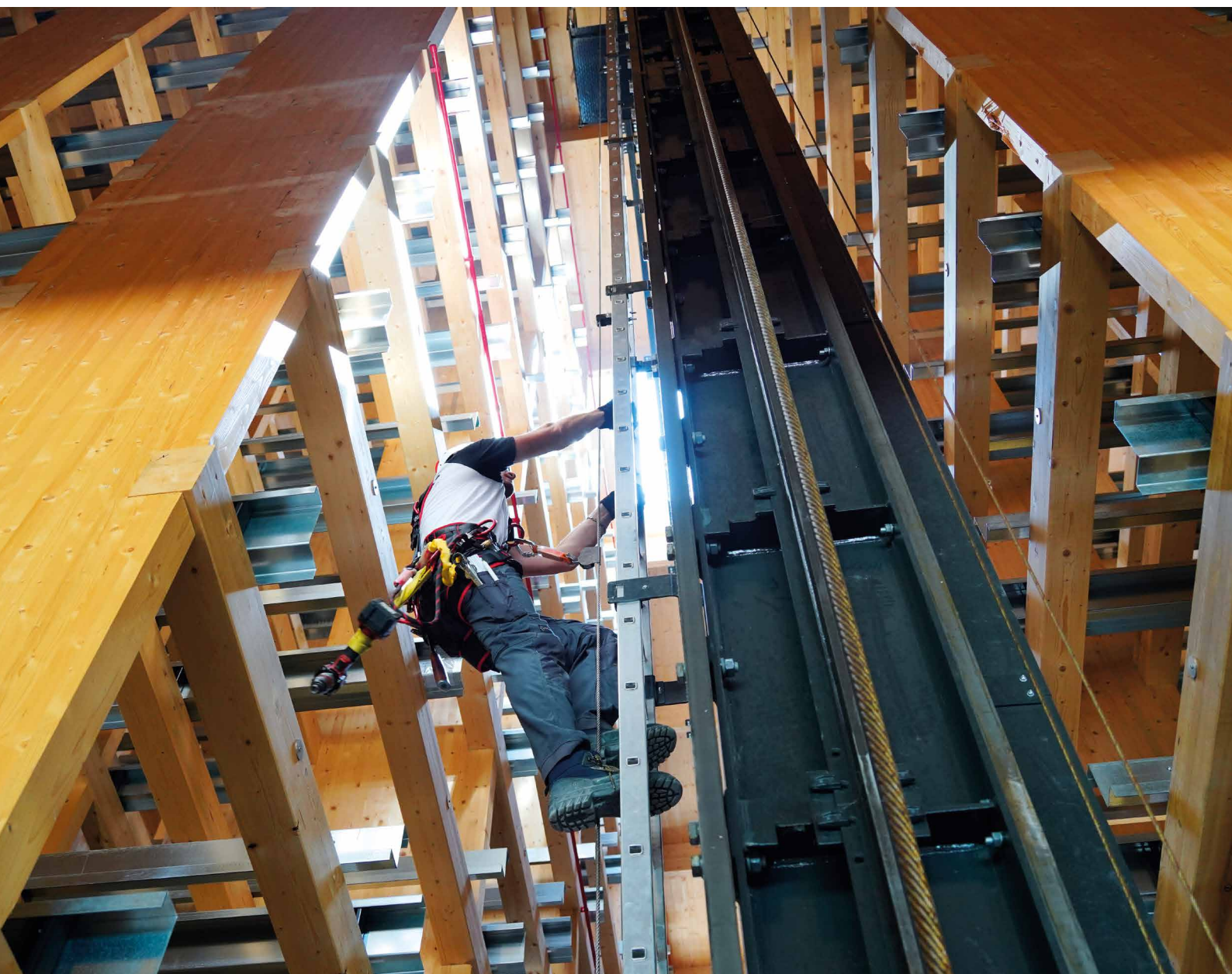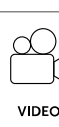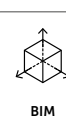
FUNCTIONAL
Guided type fall arrester on rope with integrated energy absorber, which allows a controlled ascent and descent in safe conditions.

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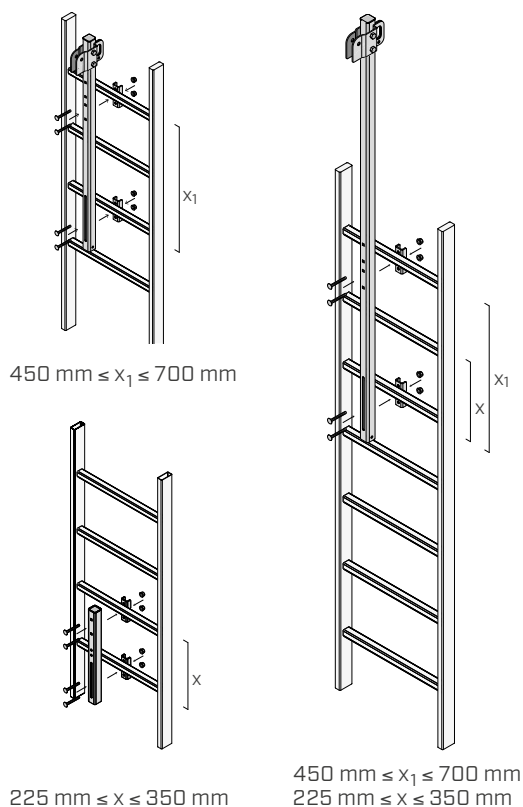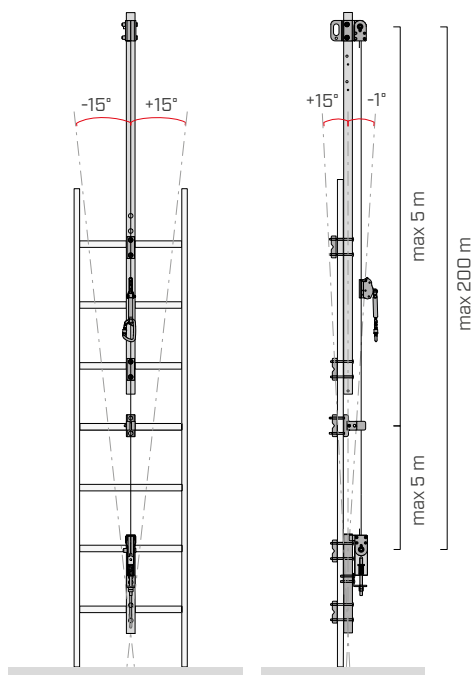The system can be assembled off-centre on the ladder.

MAXIMUM NUMBER OF USERS

B.
SOFTWARE

BIM   VIDEO   MANUALS

■ TECHNICAL DATA*

-15° +15°   +15° -1°

max 5 m
max 200 m
max 5 m

450 mm ≤ x_1 ≤ 700 mm

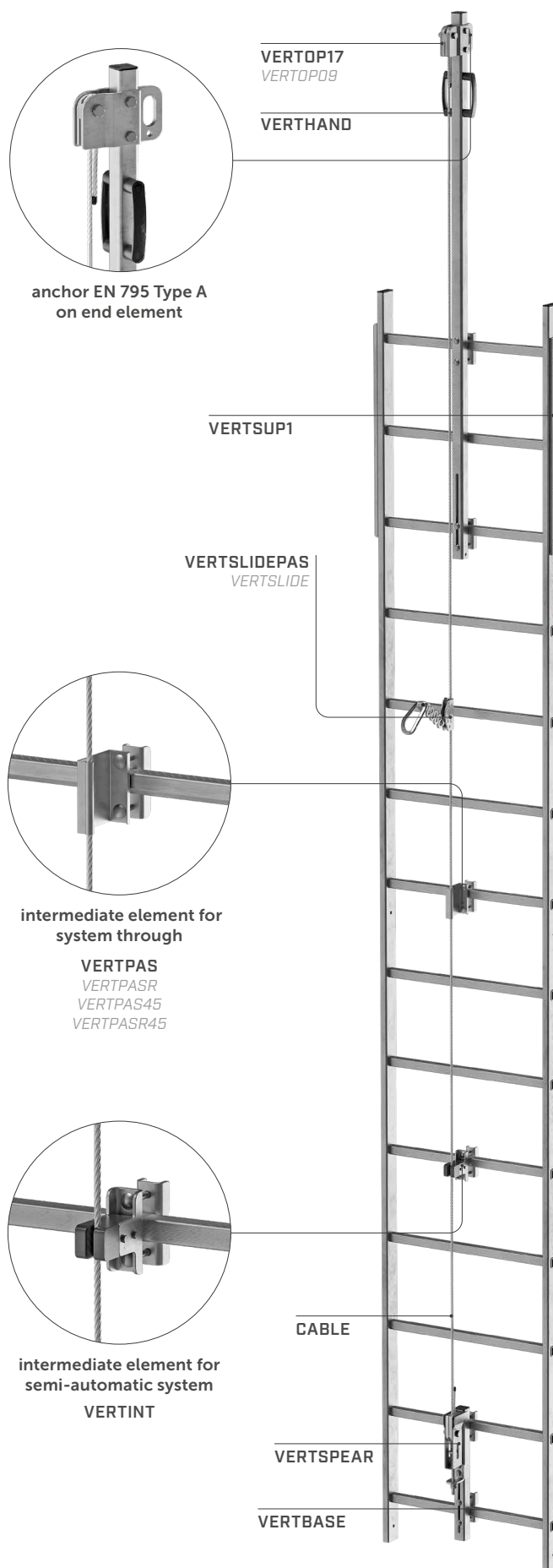225 mm ≤ x ≤ 350 mm

450 mm ≤ x_1 ≤ 700 mm
225 mm ≤ x ≤ 350 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 correct calculation report with minimum distances according to the standard requirements, the substructure must be checked by a qualified engineer before installation.

step shape
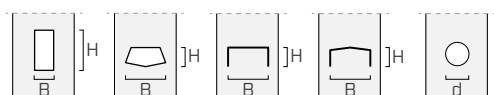
B from 20 to 100 mm
H from 10 to 60 mm
d max 35 mm

■ VERTICAL LIFELINE COMPONENTS

A4 AISI 316

NOTE:
For versions in A4, see the page on components (see page 90).

VERTOP17
VERTOP09

VERTHAND

anchor EN 795 Type A on end element

VERTSUP1

VERTSLIDEPAS
VERTSLIDE

intermediate element for system through

VERTPAS
VERTPASR
VERTPAS45
VERTPASR45

intermediate element for semi-automatic system

VERTINT

CABLE

VERTSPEAR

VERTBASE

VERTIGRIP ON WALL

VERTICAL LIFELINE ON WALL

EN 353-1:2014 + A1:2017	RfU 11.119	AS/NZS 1891.3:2020

PRACTICAL
The special-purpose supports allow installation on substructures in CLT, concrete or steel.

MAXIMUM NUMBER OF USERS

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.
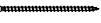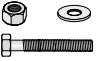
B.
SOFTWARE | BIM | VIDEO | MANUALS
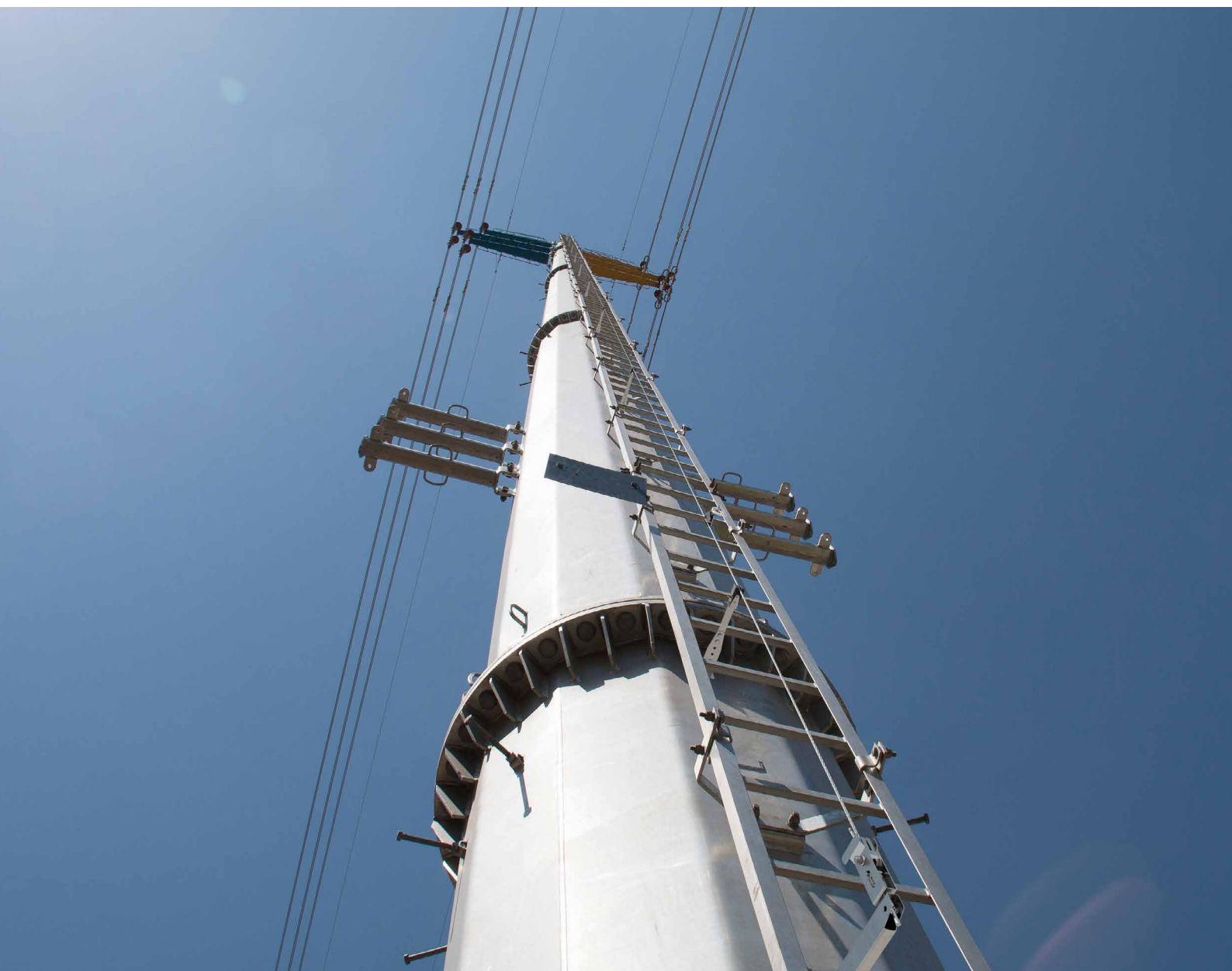
TECHNICAL DATA*

substructure		minimum thickness	fasteners	
🪵	**CLT**	100 mm	VGS Ø11	▬▬▬▬▬▬
▫️	**C20/25**	140 mm	AB1 Ø12 AB1A4	🔩
			SKR Ø12	🔩
			rod Ø12	▬▬▬▬
			VIN-FIX HYB-FIX	🔧
I	**S235JR**	6 mm	EKS + ULS + MUT	⬡ ⊙ 🔩

-15° +15°

+15° -1°

max 5 m

max 200 m

max 5 m
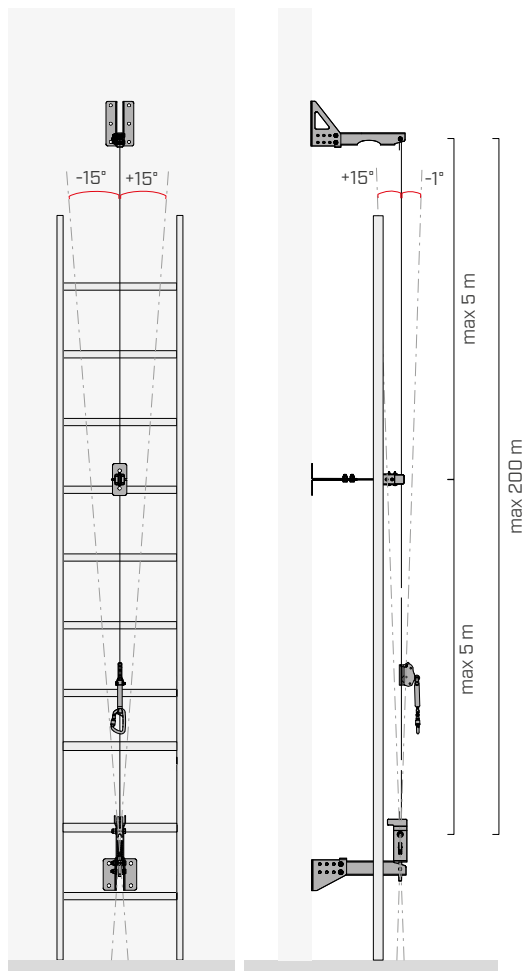
* The values indicated are derived from experimental tests carried out under the supervision of third party organisations according to the referenced standard. For a calculation report with minimum distances, according to the referenced normative requirements, the substructure must be verified by a qualified engineer before installation.

VERTICAL LIFELINE COMPONENTS

VERTOPW

CABLE

VERTSLIDEPAS
VERTSLIDE

intermediate element for
semi-automatic system

VERTINTW

VERTSPEAR

VERTBASEW

A4
AISI 316
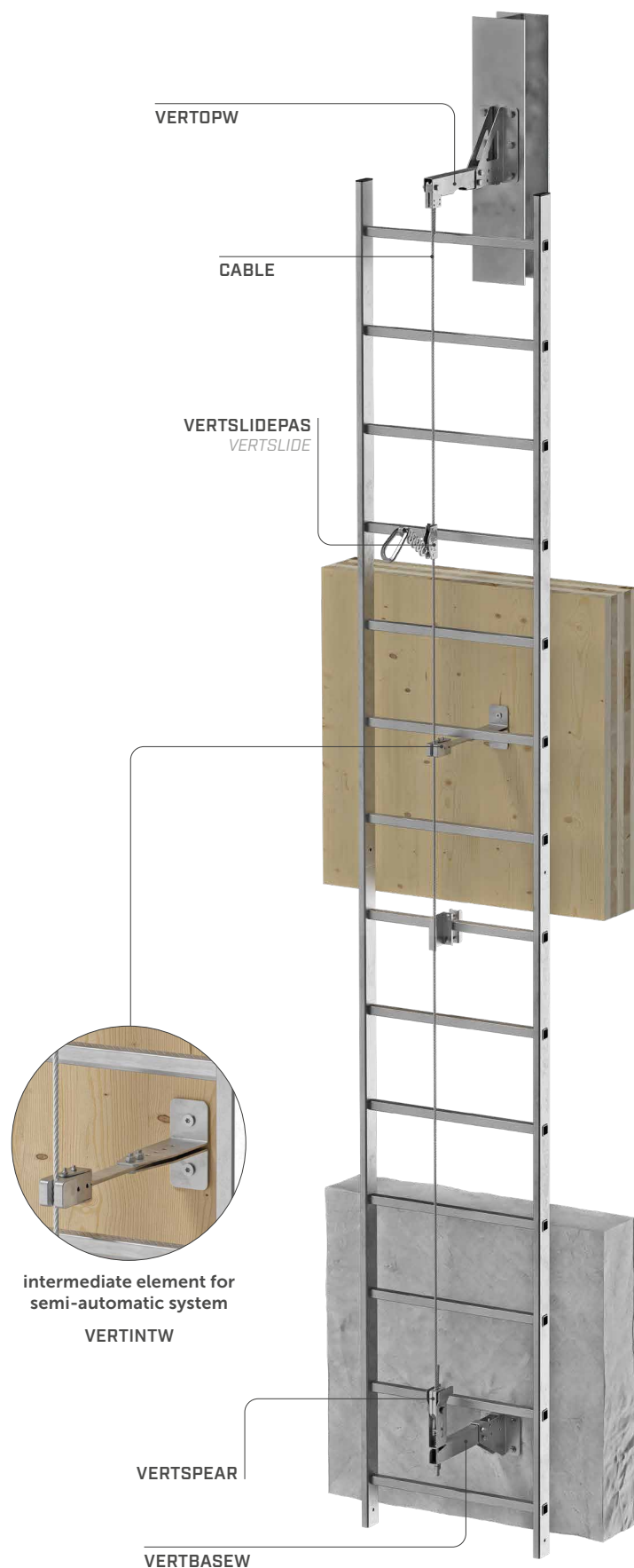
NOTE:
For versions in A4, see the page on components (see page 90).

VERTIGRIP | combinations

PASS-THROUGH SYSTEM

| CENTRAL ASSEMBLY | SIDE ASSEMBLY |

VERTOP17
VERTOP09
VERTOPW

**anchor EN 795 Type A
on end element**

VERTOPW
VERTOP09
VERTOP17

VERTSLIDEPAS

VERTPAS45
VERTPASR45

CABLE

VERTPAS
VERTPASR

CABLE

VERTSPEAR

VERTBASEW
VERTBASE

VERTBASE
VERTBASEW

A4
AISI 316
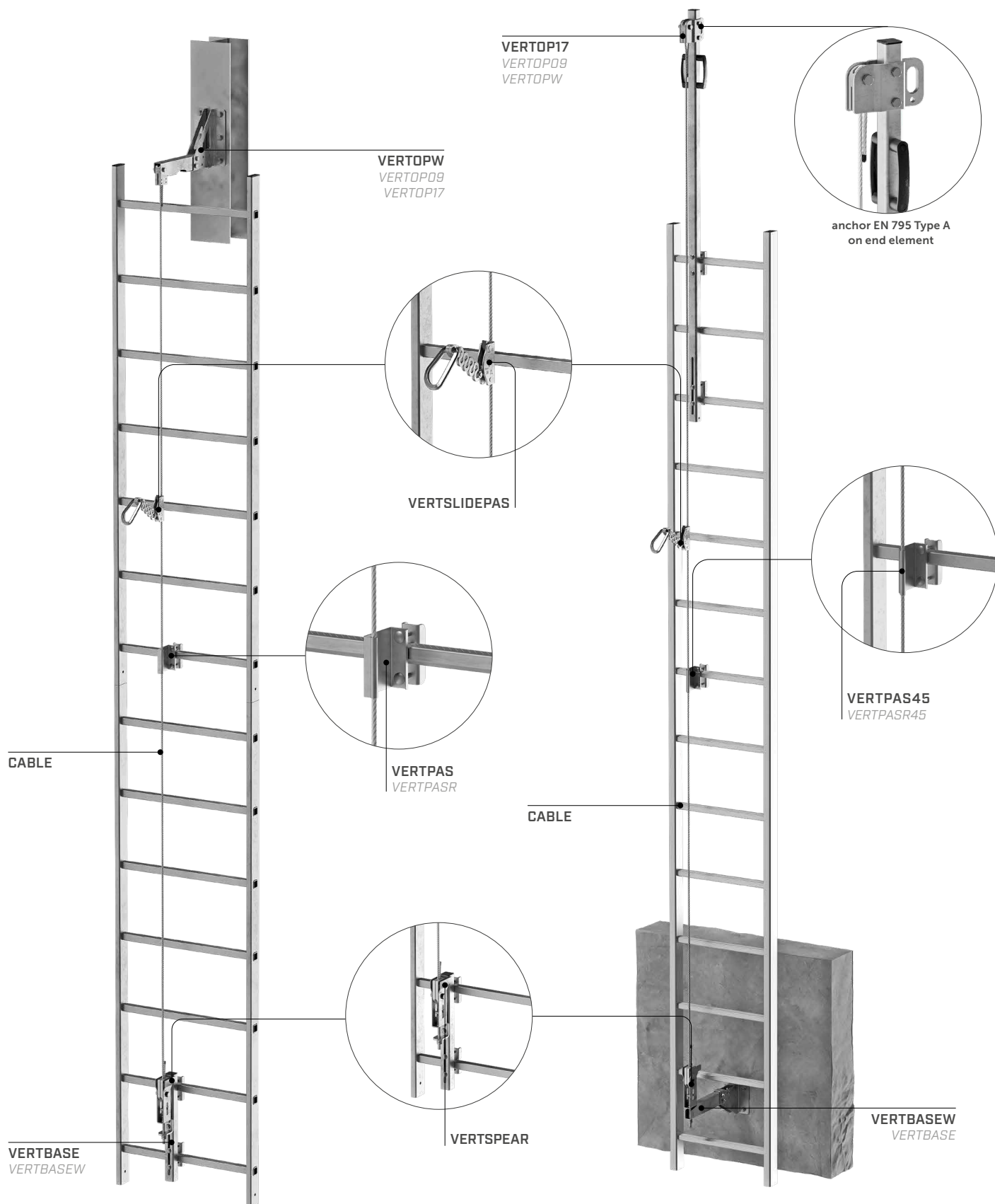
NOTE:
For versions in A4, see the page on components (see page 90).

SEMI-AUTOMATIC SYSTEM

CENTRAL ASSEMBLY	SIDE ASSEMBLY

VERTOP17
VERTOP09
VERTOPW

anchor EN 795 Type A
on end element

VERTOPW
VERTOP09
VERTOP17

VERTINTW
VERTINT

VERTSLIDE

VERTINT
VERTINTW

CABLE

CABLE

VERTSPEAR

VERTBASEW
VERTBASE

VERTBASE
VERTBASEW

A4
AISI 316
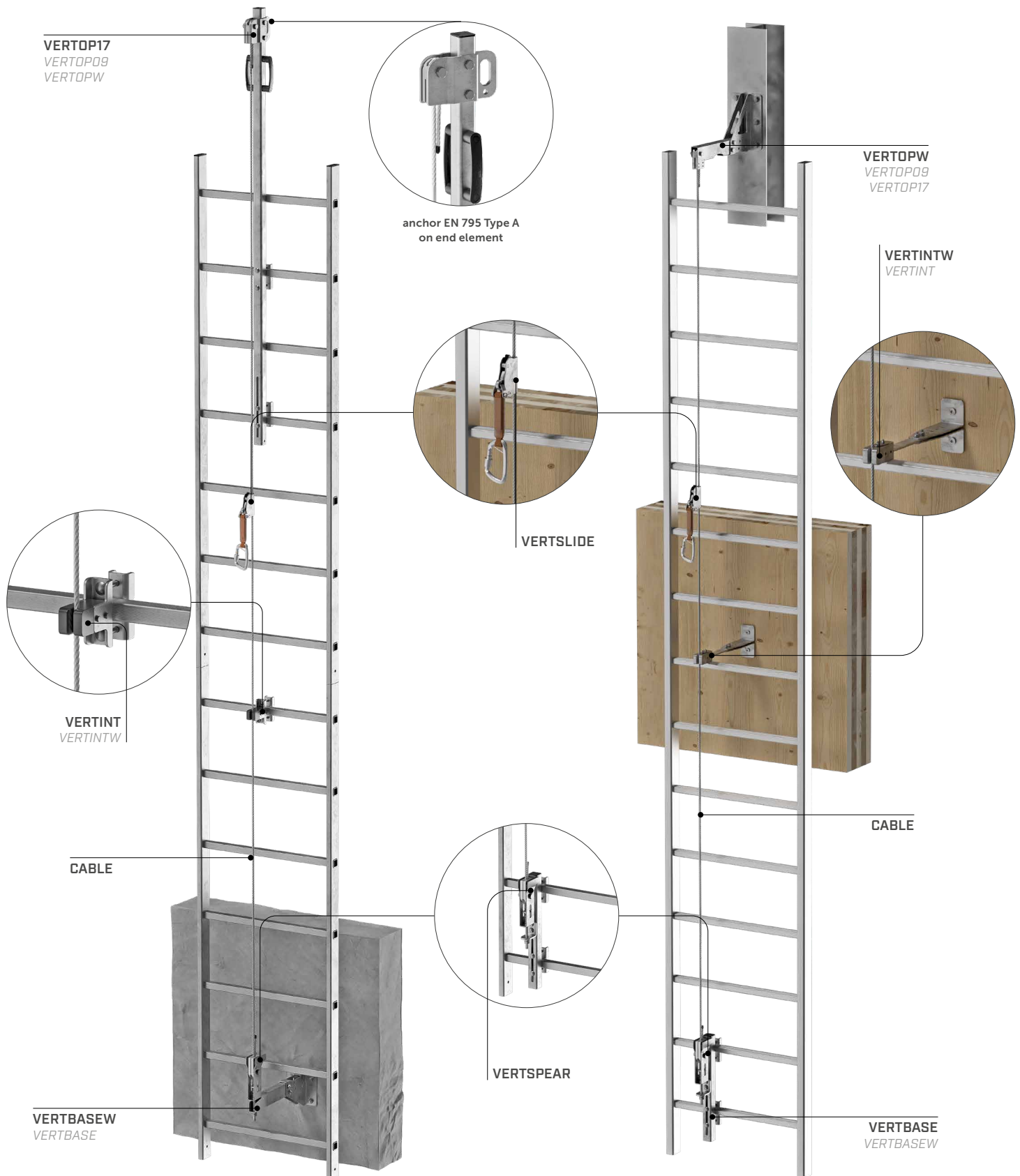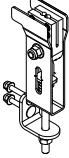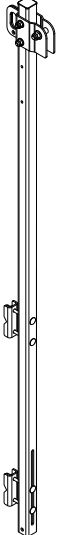
NOTE:
For versions in A4, see the page on components (see page 90).

VERTIGRIP | components
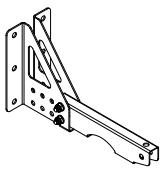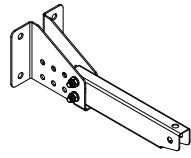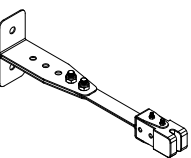
MAIN COMPONENTS OF THE VERTICAL LIFELINE

| GROUP	CODE	description	material	weight [kg]	pcs
TENSIONER	**VERTSPEAR**	set for clamps and tensioner	AISI 304 stainless steel grade 1.4301 EN AW 6082 aluminium	2,60	1
	VERTSPEARA4	set for clamps and tensioner in A4	AISI 316 stainless steel grade 1.4401		
ROPE	**CABLE**	stainless steel rope AISI 316 Ø8 mm 7 x 7	stainless steel AISI 316	0,259	1
GUIDED TYPE FALL ARRESTER	**VERTSLIDE**	removable sliding fall protection device with energy absorber	AISI 304 stainless steel grade 1.4301 EN AW 7075 T6 aluminium alloy	0,465	1
	VERTSLIDEPAS	removable sliding through fall arrest device with energy absorber	AISI 304 stainless steel grade 1.4301	0,97	1
UPPER SUPPORT	**VERTOP09**	upper support (0.9 m) for ladder with anchor point	AISI 304 stainless steel grade 1.4301	4,44	1
	VERTOP09A4	upper support (0.9 m) in A4 for ladder with anchor point	AISI 316 stainless steel grade 1.4401		
	VERTOP17	upper support (1.7 m) for ladder with anchor point	AISI 304 stainless steel grade 1.4301	8,73	1
	VERTOP17A4	upper support (1.7 m) in A4 for ladder with anchor point	AISI 316 stainless steel grade 1.4401		

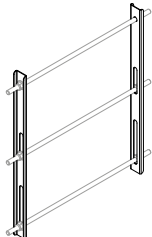| GROUP	CODE	description	material	weight [kg]	pcs
LOWER SUPPORT	VERTBASE	lower support for ladder	AISI 304 stainless steel grade 1.4301	1,98	1
	VERTBASEA4	A4 lower support for ladder	AISI 316 stainless steel grade 1.4401		
INTERMEDIATE SUPPORT*	VERTINT	intermediate support for ladder	AISI 304 stainless steel grade 1.4301 - ABS	0,74	1
	VERTINTA4	A4 intermediate support for ladder	AISI 316 stainless steel grade 1.4401 - ABS		
	VERTPAS	fixed pass-through intermediate support for ladder	AISI 304 stainless steel grade 1.4301	0,44	1
	VERTPASA4	A4 fixed pass-through intermediate support for ladder	AISI 316 stainless steel grade 1.4401		
	VERTPASR	removable pass-through intermediate support for ladder	AISI 304 stainless steel grade 1.4301	0,42	1
	VERTPASRA4	A4 removable pass-through intermediate support for ladder	AISI 316 stainless steel grade 1.4401		
	VERTPAS45	side fixed pass-through intermediate support for ladder	AISI 304 stainless steel grade 1.4301	0,42	1
	VERTPAS45A4	side fixed pass-through intermediate support in A4 for ladder	AISI 316 stainless steel grade 1.4401		
	VERTPASR45	side removable pass-through intermediate support for ladder	AISI 304 stainless steel grade 1.4301	0,40	1
	VERTPASR45A4	side removable pass-through intermediate support in A4 for ladder	AISI 316 stainless steel grade 1.4401		

Recommended every 5 meters.

▌SUPPORT FOR VERTICAL LIFELINE ON STRUCTURE

GROUP	CODE	description	material	weight [kg]	pcs
UPPER SUPPORT	VERTOPW	upper support for structure	AISI 304 stainless steel grade 1.4301	2,38	1
	VERTOPWA4	A4 upper support for structure	AISI 316 stainless steel grade 1.4401		
LOWER SUPPORT	VERTBASEW	lower support for structure	AISI 304 stainless steel grade 1.4301	1,94	1
	VERTBASEWA4	A4 lower support for structure	AISI 316 stainless steel grade 1.4401		
INTERMEDIATE SUPPORT*	VERTINTW	intermediate support for structure	AISI 304 stainless steel grade 1.4301 - ABS	1,26	1
	VERTINTWA4	A4 intermediate support for structure	AISI 316 stainless steel grade 1.4401 - ABS		

Recommended every 5 meters.

VERTIGRIP | components

VERTICAL LIFELINE ACCESSORIES

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

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

INFORMATION PLATES | CODES AND DIMENSIONS

CODE	description	material	pcs
TARGAxy*	information plate for fall protection systems	stainless steel (AISI 304), plastic	1
TARGAHORxy*	information plate for PATROL and H-RAIL	stainless steel (AISI 304), plastic	1
TARGAVERTxy*	information plate for VERTIGRIP	stainless steel (AISI 304), plastic	1

xy represents the ISO 639-1 language code, see the table below for reference.

EXAMPLE:	
TARGAEN	information plate for fall protection systems in EN (English)
TARGAHOREN	information plate for PATROL and H-RAIL in EN (English)
TARGAVERT EN	information plate for VERTIGRIP in EN (English)