












Lifeline system – passable horizontally AIO



The ALLinONE lifeline system by INNOTECH® was developed as a restraint system, fall arrest system and rescue system. This well conceived, high-tech concept is ideally suited for complex building and façade structures and can be optimally fastened to very different substructures.

The modular system components allow simple and error-free installation. The innovative design makes it possible to use the lifeline system from both sides, without inconvenient detaching or reconnecting.

-  use as a restraint, fall arrest and rescue system
-  universal components ensure optimum adaptation to complex structural designs indoors and outdoors
-  optimum fastening options on different substructures
-  minimum cable sag thanks to great base stability and constant spring pre-tension
-  few roof penetrations due to long post spacings of up to **15 m**
-  easy to check through viewing window in the revolutionary end lock, and indicator pin
-  all lifeline system components made of high-quality stainless steel

-  easy installation with universally usable system components
-  accessibility from both sides of the lifeline system without detaching or reconnecting
-  can be included in building lightning protection – testing as per EN 62305 (class 1-4)
-  certification to the latest state of the art:

EN 795:2012 TYPE C and E
CEN/TS 16415:2013

EN 795

TYPE RATING PLATES

AIO-TYP-20

RATING PLATE, AIO lifeline system, passable (EN 795 C)

Designation: Horizontal lifeline system

Material: stainless steel AISI 316, plastic

Various attachment options



AIO-TYP-21

RATING PLATE, AIO lifeline system, passable (EN 795 C- E)

Designation: Horizontal lifeline system, **self-supporting**

Material: stainless steel AISI 316, plastic

Various attachment options



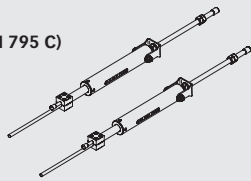
ENDS END LOCK

AIO-ENDS-10

END LOCK SET, AIO lifeline system, passable (EN 795 C)

Complete set for a cable span, with integrated shock absorber and fall indicator clamp!

Material: Stainless steel AISI 304, aluminium (anodised)



CABLE STAINLESS STEEL CABLE

AIO-SEIL-30

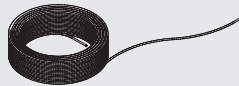
Stainless steel cable (EN 795 C)

Dimensions: Ø 8 mm (7 x 7)

Breaking load: 37 kN

Material: Stainless steel AISI 316

Tested for INNOTECH® lifeline systems



EB END LOCK FASTENINGS

AIO-EB-10

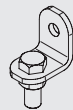
END LOCK FASTENING, short (EN 795 C)

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Connection: Thread M16

Material: Stainless steel AISI 304

For bracing the lifeline system using an end lock (AIO-ENDS-10)



AIO-EB-14

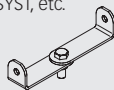
END LOCK FASTENING, 30° to 180° (EN 795 C)

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Connection: Thread M16

Material: Stainless steel AISI 304

For bracing two lifeline systems (AIO-ENDS-10) at an angle between 30° and 180°



AIO-EB-15

END LOCK FASTENING, long (EN 795 C)

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Connection: Thread M16

Material: Stainless steel AISI 304

For bracing the lifeline system using an end lock (AIO-ENDS-10)



SZH INTERMEDIATE BRACKET

AIO-SZH-10

INTERMEDIATE BRACKETS, passable (EN 795 C)

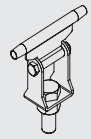
Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Connection: Thread M16

Function range: 220°

Material: Stainless steel AISI 304

Can be used on both sides without detaching the slider!



EDLE CORNER PASS-THROUGH ELEMENTS

AIO-EDLE-10

CORNER PASS-THROUGH ELEMENT, 90°, passable (EN 795 C)

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

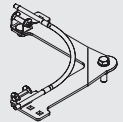
Application: Internal or external corner sets and overhead systems

Connection: Thread M16

Material: Stainless steel AISI 304

For the attachment of a 90° corner set

Variably adjustable cable lead-in angle thanks to bent base plate



ACCESSORIES:

AIO-EDLE-10-ROHRBOGEN-80,

AIO-EDLE-10-ROHRBOGEN-105,

AIO-EDLE-10-ROHRBOGEN-120,

passable (EN 795 C)

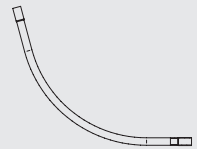
Use: for AIO-EDLE-10

Material: Stainless steel AISI 316

For the creation of an 80°, 105° or 120° corner

Passable only on the outside!

AIO-EDLE-10 not included in the scope of delivery!



AIO-EDLE-11

CORNER PASS-THROUGH ELEMENT, 135°, passable (EN 795 C)

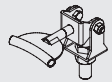
Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Internal corner formations

Connection: Thread M16

Material: Stainless steel AISI 304

For the attachment of a 135° corner set



AIO-EDLE-16

CORNER PASS-THROUGH ELEMENT, extension tube, passable (EN 795 C)

Application: creation of special corners

Length: 1000 / 1500 / 3000 mm

Angle of curve: 0°

Material: Stainless steel AISI 316

Suitable bending device or flaring tool required for connecting to the AIO-EDLE-12/13/17/18!



AIO-EDLE-16-90

CORNER PASS-THROUGH ELEMENT, extension tube, 90°, passable (EN 795 C)

Application: creation of special corners

Length: 1000 mm

Angle of curve: 90°

Material: Stainless steel AISI 316

Suitable bending device or flaring tool required for connecting to the AIO-EDLE-12/13/17/18!



AIO-EDLE-17**CORNER PASS-THROUGH ELEMENT, offset on both sides, passable (EN 795 C)**

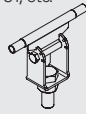
Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Internal or external corner sets and overhead systems

Connection: Thread M16

Snap-in settings: 0°, 45°, 90°, 135°, 180°

Material: Stainless steel AISI 304



Can only be used in combination with 2x AIO-EDLE-16 and AIO-EDLE-18

AIO-EDLE-18**CORNER PASS-THROUGH ELEMENT, offset on one side, passable (EN 795 C)**

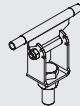
Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Internal or external corner sets and overhead systems

Connection: Thread M16

Snap-in settings: 0°, 45°, 90°, 135°, 180°

Material: Stainless steel AISI 304



Can only be used in combination with 1x AIO-EDLE-16

AIO-EDLE-19**CORNER PASS-THROUGH ELEMENT, variable up to 135°, passable (EN 795 C)**

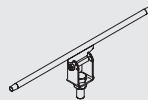
Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Internal or external corner sets and overhead systems

Connection: Thread M16

Snap-in settings: 0°, 45°, 90°, 135°, 180°

Material: Stainless steel AISI 304



Deflection angles of 0°, 180° to 135° are possible!

Suitable bending device or flaring tool required!

GLEIT SLIDER

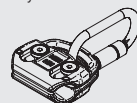
INNOTECH® SLIDERS are part of the INNOTECH® ALLinONE horizontal lifeline system and are distinguished by resistance-free passage along the stainless steel cable. They are used as a moving anchorage point for 1 person. They are also made for overhead use and allow accessibility from both sides of the AIO lifeline system.

AIO-GLEIT-10-A4**MOVING ANCHOR POINT SLIDER, removable, curve compatible (EN 795 C)**

Material: Stainless steel AISI 316

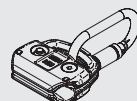
Can be attached and detached at any point in the horizontal lifeline system

Suitable for travelling over the pass-through elements (intermediate brackets and curve elements)

**AIO-GLEIT-13-A4****MOVING ANCHORAGE POINT SLIDER, not removable, curve compatible (EN 795 C)**

Material: Stainless steel AISI 316

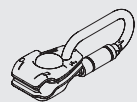
Suitable for travelling over the pass-through elements (intermediate brackets and curve elements)

**AIO-GLEIT-20-A4****MOVING ANCHOR POINT SLIDER, removable, curve compatible (EN 795 C)**

Material: Stainless steel AISI 316

Can be attached and detached at any point in the horizontal lifeline system

Suitable for travelling over the pass-through elements (intermediate brackets and curve elements)

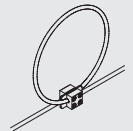
**SHOCK SHOCK ABSORBER****AIO-SHOCK-10 SHOCK ABSORBER**

Material: aluminium, anodised

Reduces the end forces in an AIO lifeline system

Increase of the deflection of the cable by approx. 500 mm!

For use in the products: AIO-BKS, AIO-VARIO, QUAD-13-END, AIO-SAND-13, AIO-SYST-09!

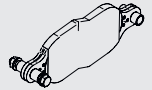
**AIO-SHOCK-11 SHOCK ABSORBER**

Material: Stainless steel AISI 316

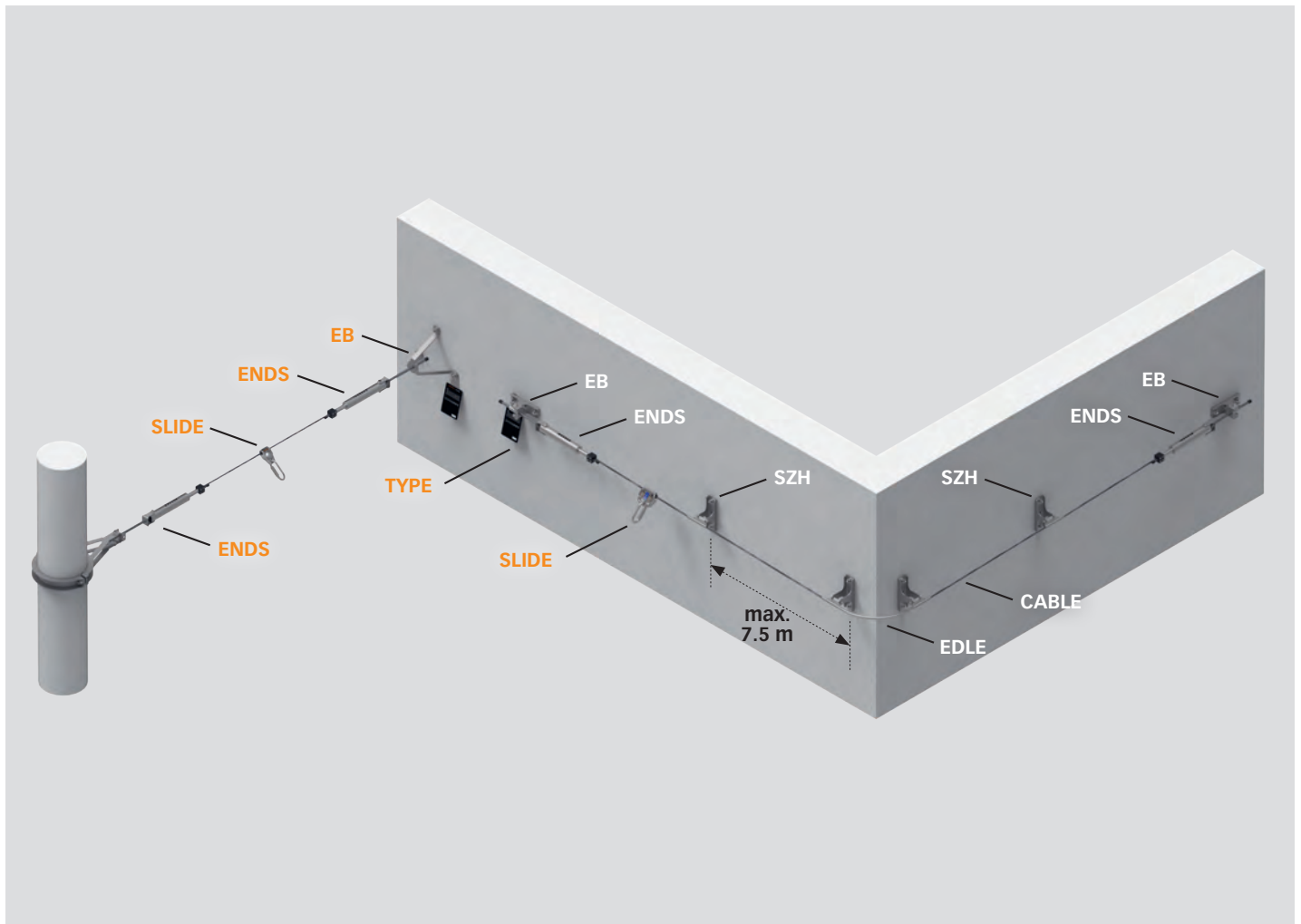
Reduces the end forces in an AIO lifeline system

Increase of the deflection of the cable by approx. 1000 mm!

For use in the products: AIO-BKS, AIO-VARIO, QUAD-13-END, AIO-SAND-13, AIO-SYST-09!

















Lifeline system – façade passable AIO

The ALLinONE lifeline system by INNOTECH® was developed as a restraint system, fall arrest system and rescue system. This well conceived, high-tech concept adapts ideally to complex façade structures and can be optimally fastened to very different substructures.

The modular system components allow a simple and error-free installation. The innovative design makes it possible to use the lifeline system, without inconvenient detaching or reconnecting.

-  use as a restraint, fall arrest and rescue system
-  universal components ensure optimum adaptation to complex structural designs indoors and outdoors
-  optimum fastening options on different substructures
-  minimum cable sag thanks to constant spring pre-tension
-  low installation effort thanks to long post spacings of up to **7.5 m**
-  easy to check through viewing window in the revolutionary end lock, and indicator pin
-  all lifeline system components made of high-quality stainless steel
-  easy installation with universally usable system components

-  accessibility of the lifeline system without detaching or reconnecting
-  certification to the latest state of the art:

EN 795:2012 TYPE C
 CEN/TS 16415:2013



EN 795

TYPE RATING PLATE

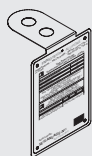
AIO-TYP-20

RATING PLATE, AIO lifeline system, passable (EN 795 C)

Designation: Horizontal lifeline system

Material: stainless steel AISI 316, plastic

Various attachment options



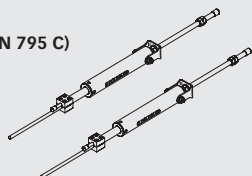
ENDS END LOCK

AIO-ENDS-10

END LOCK SET, AIO lifeline system, passable (EN 795 C)

Complete set for a cable span, with integrated shock absorber and fall indicator clamp!

Material: Stainless steel AISI 304, aluminium (anodised)



CABLE STAINLESS STEEL CABLE

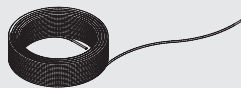
AIO-SEIL-30

STAINLESS STEEL CABLE (EN 795 C)

Dimensions: Ø 8 mm (7 x 7)

Breaking load: 37 kN

Material: Stainless steel AISI 316



Tested for INNOTECH® lifeline systems

EB END LOCK FASTENINGS

AIO-EB-11

END LOCK FASTENING, façade (EN 795 C)

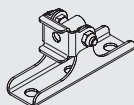
Substructure: Façade

Connection: Fastening borehole Ø 17 mm

Hole spacing: 134 mm

Material: Stainless steel AISI 304

For bracing the lifeline system using an end lock (AIO-ENDS-10)



AIO-EB-12

END LOCK FASTENING, façade (EN 795 C)

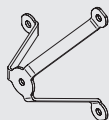
Substructure: Façade, concrete

Connection: Ø 13 mm

Material: Stainless steel AISI 304

for bracing the lifeline system using an end lock (AIO-ENDS-10) 90° to the wall

On weathered façades or thermal insulation, no high-load anchors (BEF-104-A4) may be used (use 3x adhesive anchor M12)



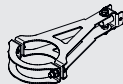
AIO-EB-20-110

END LOCK FASTENING, pipe fastening, passable

Substructure: Pipe Ø 110 mm

Material: Stainless steel AISI 304

Available on request!



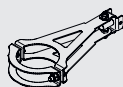
AIO-EB-20-140

END LOCK FASTENING, pipe fastening, passable

Substructure: Pipe Ø 140 mm

Material: Stainless steel AISI 304

Available on request!



SZH INTERMEDIATE BRACKET

AIO-SZH-11

INTERMEDIATE BRACKET, passable (EN 795 C)

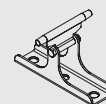
Substructure: Façade

Connection: Attachment drilling Ø 17 mm

Hole spacing: 134 mm

Function range: 220°

Material: Stainless steel AISI 304



AIO-SZH-14

INTERMEDIATE BRACKET, façade, passable

Substructure: Façade, concrete

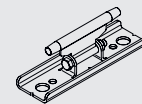
Connection: Attachment drilling Ø 17 mm

Hole spacing: 134 mm

Function range: 220°

Material: Stainless steel AISI 304

Available on request!



AIO-SZH-20-050

INTERMEDIATE BRACKET, pipe fastening, passable

Substructure: Pipe Ø 50 mm

Function range: 220°

Material: Stainless steel AISI 304

Available in different diameters.

Available on request!



AIO-SZH-90-100-WOOD

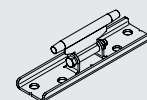
INTERMEDIATE BRACKET, façade, passable

Substructure: Façade, wood

Function range: 220° Material: Stainless steel AISI 304

Available in different diameters.

Available on request!



EDLE CORNER PASS-THROUGH ELEMENTS

AIO-EDLE-12

CORNER PASS-THROUGH ELEMENT, FAÇADE, 90°, passable (EN 795 C)

Substructure: Façade

Application: Internal or external corner sets and overhead systems

Connection: Fastening borehole Ø 17 mm.

Hole spacing: 134 mm

Snap-in settings: 0°, 45°, 90°, 135°, 180°

Material: stainless steel AISI 304

For the attachment of a 90° corner set



AIO-EDLE-13

CORNER PASS-THROUGH ELEMENT, FAÇADE, 90°, passable (EN 795 C)

Substructure: Façade, concrete, steel

Application: Internal or external corner sets and overhead systems

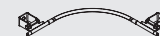
Connection: Attachment drilling Ø 17 mm

Snap-in settings: 0°, 45°, 90°, 135°, 180°

Material: Stainless steel AISI 304

For the attachment of a 90° corner set

Restricted applicability when used as external corner



AIO-EDLE-16

CORNER PASS-THROUGH ELEMENT, extension tube, passable (EN 795 C)

Application: creation of special corners

Length: 1000 / 1500 / 3000 mm. Angle of curve: 0°

Material: Stainless steel AISI 316

Suitable bending device or flaring tool required for connecting to the AIO-EDLE-12/13/17/18!



AIO-EDLE-16-90

CORNER PASS-THROUGH ELEMENT, extension tube, 90°, passable

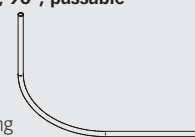
Application: creation of special corners

Length: 1000 mm

Angle of curve: 90°

Material: Stainless steel AISI 316

Suitable bending device or flaring tool required for connecting to the AIO-EDLE-12/13/17/18.



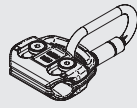
SLIDE SLIDER

INNOTECH® SLIDERS are part of the INNOTECH® ALLinONE horizontal lifeline system and are distinguished by resistance-free passage along the stainless steel cable. They are used as a moving anchorage point for 1 person. They are also made for overhead use and allow accessibility from both sides of the AIO lifeline system.

**AIO-GLEIT-10-A4
 MOVING ANCHORAGE POINT SLIDER, removable,
 curve compatible (EN 795 C)**

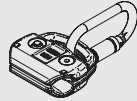
Material: Stainless steel AISI 316

Can be installed and removed from any point in the horizontal lifeline system for traversing the pass-through elements (intermediate brackets and curve elements)


**AIO-GLEIT-13-A4
 MOVING ANCHOR POINT SLIDER, not removable,
 curve compatible (EN 795 C)**

Material: Stainless steel AISI 316

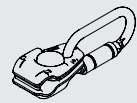
Suitable for travelling over the pass-through elements (intermediate brackets and curve elements)


**AIO-GLEIT-20-A4
 MOVING ANCHOR POINT SLIDER, removable,
 curve compatible (EN 795 C)**

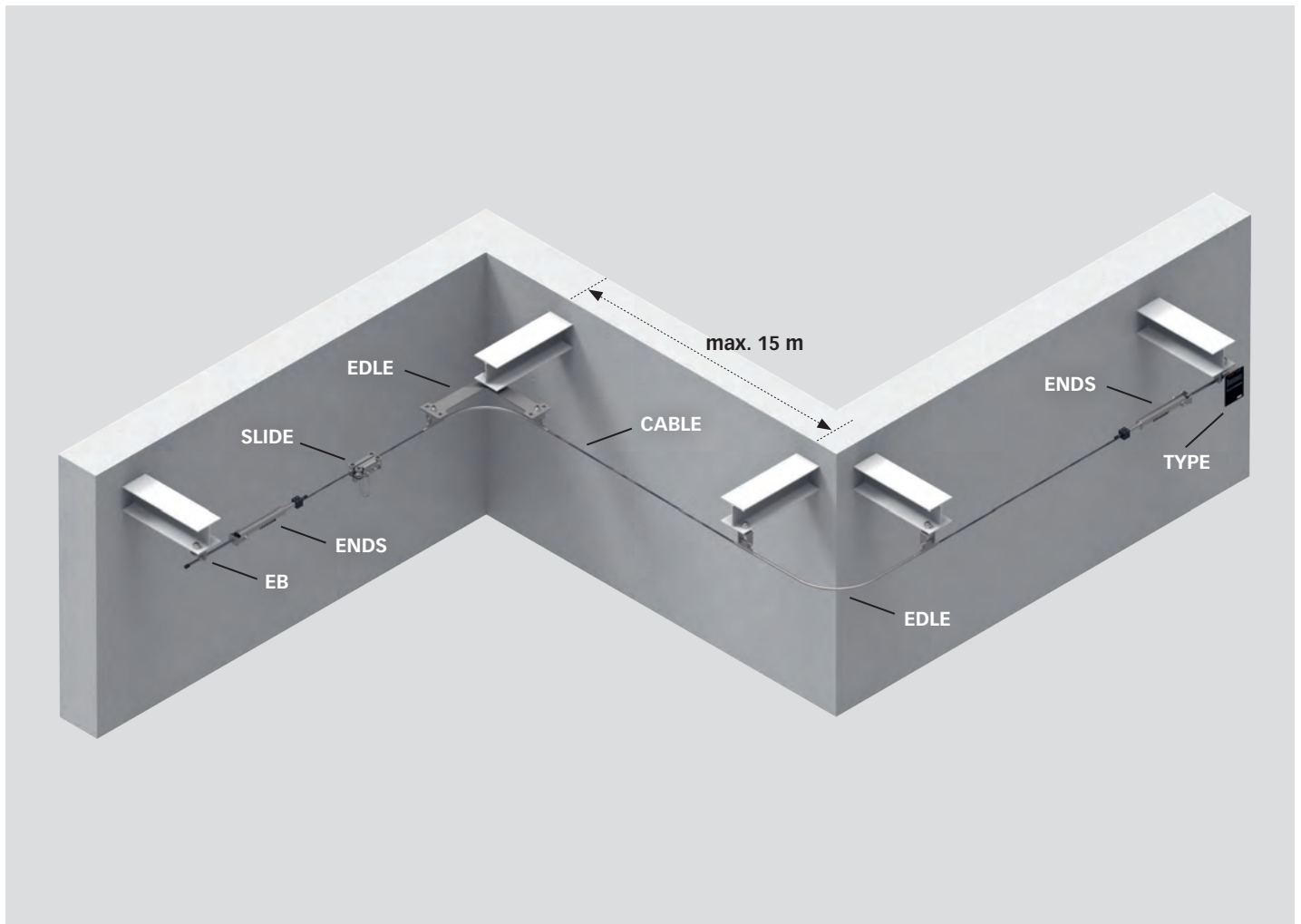
Material: Stainless steel AISI 316

Can be attached and detached at any point in the horizontal lifeline system

Suitable for travelling over the pass-through elements (intermediate brackets and curve elements)

















Lifeline system – overhead, passable **AIO**

The ALLinONE lifeline system by INNOTECH® was developed as a restraint system, fall arrest system and rescue system. This well conceived, high-tech concept is ideally suited for complex building and façade structures and can be optimally fastened to very different substructures.

The modular system components allow a simple and error-free installation. The innovative design makes it possible to use the lifeline system without having to detach or reattach the cable.

-  use as a restraint, fall arrest and rescue system
-  universal components ensure optimum adaptation to complex structural designs indoors and outdoors
-  fastening options on different substructures
-  minimum cable sag thanks to constant spring pre-tension
-  low installation effort thanks to long post spacings of up to **15 m**
-  easy to check through viewing window in the revolutionary end lock, and indicator pin
-  all lifeline system components made of high-quality stainless steel
-  easy installation with universal system components

-  accessibility of the lifeline system without detaching or reconnecting
-  certification to the latest state of the art:

EN 795:2012 TYPE C
 CEN/TS 16415:2013



TYPE RATING PLATE

AIO-TYP-20

RATING PLATE, AIO lifeline system, passable (EN 795 C)
Designation: **Horizontal lifeline system**

Material: stainless steel AISI 316, plastic

Various attachment options



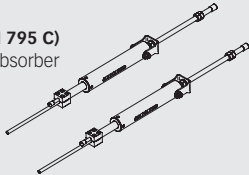
ENDS END LOCK

AIO-ENDS-10

END LOCK SET, AIO lifeline system, passable (EN 795 C)

Complete set for a cable span, with integrated shock absorber and fall indicator clamp

Material: Stainless steel AISI 304, aluminium (anodised)



CABLE STAINLESS STEEL CABLE

AIO-SEIL-30

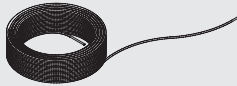
STAINLESS STEEL CABLE (EN 795 C)

Dimensions: Ø 8 mm (7 x 7)

Breaking load: 37 kN

Material: Stainless steel AISI 316

tested for INNOTECH® lifeline systems



EB END LOCK FASTENINGS

AIO-EB-10

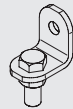
END LOCK FASTENING, short (EN 795 C)

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Connection: Thread M16

Material: Stainless steel AISI 304

for bracing the lifeline system using an end lock (AIO-ENDS-10)



AIO-EB-12

END LOCK FASTENING, façade (EN 795 C)

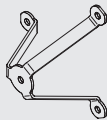
Substructure: Façade, concrete

Connection: Ø 13 mm

Material: Stainless steel AISI 304

for bracing the lifeline system with an end lock (AIO-ENDS-10) 90° to the wall

On weathered façades or thermal insulation, no high-load anchors (BEF-104-A4) may be used! (use 3x adhesive anchor M12)



AIO-EB-14

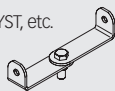
END LOCK FASTENING, 30° to 180° (EN 795 C)

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Connection: Thread M16

Material: Stainless steel AISI 304

for bracing two lifeline systems (AIO ENDS-10) at an angle between 30° and 180°



AIO-EB-15

END LOCK FASTENING, long (EN 795 C)

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Connection: Thread M16

Material: Stainless steel AISI 304

for bracing the lifeline system using an end lock (AIO-ENDS-10)



SZH INTERMEDIATE BRACKET

AIO-SZH-10

INTERMEDIATE BRACKETS, passable (EN 795 C)

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Connection: Thread M16

Function range: 220°

Material: Stainless steel AISI 304

Can be used on both sides without detaching the slider!



AIO-SZH-90-100-WOOD

INTERMEDIATE BRACKET, façade, passable

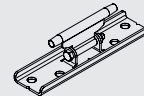
Substructure: Façade, wood

Function range: 220°

Material: Stainless steel AISI 304

Available in different diameters.

Available on request!



EDLE CORNER PASS-THROUGH ELEMENTS

AIO-EDLE-10

CORNER PASS-THROUGH ELEMENT, 90°, passable (EN 795 C)

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

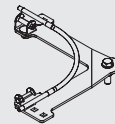
Application: Internal or external corner sets and overhead systems

Connection: Thread M16

Material: Stainless steel AISI 304

for the attachment of a 90° corner set

Variably adjustable cable lead-in angle thanks to bent base plate



AIO-EDLE-11

CORNER PASS-THROUGH ELEMENT, 135°, passable (EN 795 C)

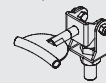
Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Internal corner formations

Connection: Thread M16

Material: Stainless steel AISI 304

for the attachment of a 135° corner set



AIO-EDLE-16

CORNER PASS-THROUGH ELEMENT, extension tube, passable (EN 795 C)

Application: creation of special corners

Length: 1000 / 1500 / 3000 mm

Angle of curve: 0°

Material: Stainless steel AISI 316

Suitable bending device or flaring tool required for connecting to the AIO-EDLE-12/13/17/18!



AIO-EDLE-16-90

CORNER PASS-THROUGH ELEMENT, extension tube, 90°, passable (EN 795 C)

Application: creation of special corners

Length: 1000 mm

Angle of curve: 90°

Material: Stainless steel AISI 316

Suitable bending device or flaring tool required for connecting to the AIO-EDLE-12/13/17/18!



AIO-EDLE-17

SPECIAL CORNER PASS-THROUGH ELEMENT, offset on both sides, passable (EN 795 C)

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

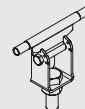
Application: Internal or external corner sets and overhead systems

Connection: Thread M16

Snap-in settings: 0°, 45°, 90°, 135°, 180°

Material: Stainless steel AISI 304

Can only be used in combination with 2x AIO-EDLE-16 and AIO-EDLE-18



AIO-EDLE-18**CORNER PASS-THROUGH ELEMENT, offset on one side, passable (EN 795 C)**

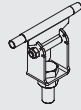
Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Internal or external corner sets and overhead systems

Connection: Thread M16

Snap-in settings: 0°, 45°, 90°, 135°, 180°

Material: Stainless steel AISI 304

**Can only be used in combination with 1x AIO-EDLE-16!****AIO-EDLE-19****CORNER PASS-THROUGH ELEMENT, variable up to 135°, passable (EN 795 C)**

Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Internal or external corner sets and overhead systems

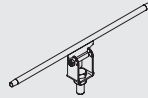
Connection: Thread M16

Snap-in settings: 0°, 45°, 90°, 135°, 180°

Material: Stainless steel AISI 304

Deflection angles of 0°, 180° to 135° are possible!

Suitable bending device or flaring tool required!

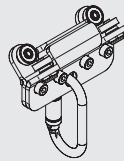
**SLIDE SLIDER**

INNOTECH SLIDERS are part of the INNOTECH ALLinONE horizontal lifeline system and are distinguished by resistance-free passage along the stainless steel cable. They are used as a moving anchorage point for 1 person. They are also made for overhead use and allow accessibility from both sides of the AIO lifeline system.

AIO-GLEIT-11**MOVING ANCHOR POINT ROLLER SLIDER, not removable, not curve compatible (EN 795 C)**

Material: Stainless steel AISI 304

Suitable for traversing the pass-through elements in the overhead lifeline system (intermediate brackets)

**AIO-GLEIT-12****MOVING ANCHOR POINT ROLLER SLIDER FOR CURVES, not removable, curve compatible (EN 795 C)**

Material: Stainless steel AISI 304

Suitable for traversing the pass-through elements in the overhead lifeline system (intermediate brackets and curve elements)

