

## ALLinONE horizontal lifeline system **AIO**

EN

The ALLinONE lifeline system from INNOTECH has been developed for multiple fall protection systems, and is used as a restraint system, fall arrest system, and rescue system. This well conceived, high-tech concept is ideally suited for complex building and facade structures, and can be

- horizontal lifeline system for securing people against falls; also rescue and restraint system
- various components ensure optimum adaptation to the roof or facade structure
- optimum fastening options on different substructures
- accessibility from both sides of the lifeline system without detaching or reconnecting
- simple to inspect, thanks to indicator clamp

optimally fastened to very different substructures.

Easily installed components make it possible to access the lifeline system from both sides, without inconvenient detaching or reconnecting.

- installation without special tools
- reduced cable sag thanks to constant spring pre-tension
- Can be used as a part including in building lightning protection – testing as per EN 62305 (class 1-4)
- to the latest state of the art certification:

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

## AIO

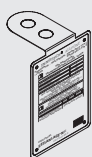


### SYSTEM COMPONENTS

#### AIO-TYP-20

##### RATING PLATE (EN 795 C)

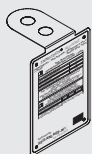
Material: stainless steel (AISI 304), plastic  
for identifying of a horizontal lifeline system  
various fastening options



#### AIO-TYP-21

##### RATING PLATE (EN 795 C-E)

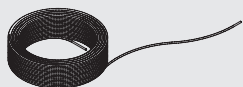
Material: stainless steel (AISI 304), plastic  
for identifying of a self-supporting horizontal lifeline system  
various fastening options



#### AIO-SEIL-30

##### STAINLESS STEEL CABLE (EN 795 C)

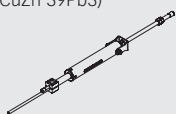
Dimensions: Ø 8 mm (7 x 7)  
Breaking load: 37 kN  
Material: stainless steel (AISI 316)  
tested for INNOTECH lifeline systems



#### AIO-ENDS-10

##### END LOCK SET for horizontal lifeline system (EN 795 C)

Material: stainless steel (AISI 316), chemically nickel-plated (CuZn 39Pb3)  
complete set for one cable span, with integrated shock absorber and fall indicator clamp



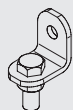
### END LOCK FASTENINGS

#### AIO-EB-10

##### STANDARD END LOCK FASTENING, short (EN 795 C)

Mountable on: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.  
Connection: thread M16  
Material: stainless steel (AISI 316)

for fastening the lifeline system with an end lock (AIO-ENDS-10)

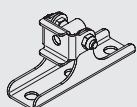


#### AIO-EB-11

##### STANDARD END LOCK FASTENING, facade (EN 795 C)

Mountable on: facade  
Connection: fastening boreholes Ø 17 mm  
Through boreholes: 134 mm  
Material: stainless steel (AISI 316)

for fastening the lifeline system with an end lock (AIO-ENDS-10)



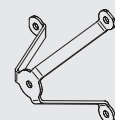
#### AIO-EB-12

##### STANDARD END LOCK FASTENING, concrete wall (EN 795 C)

Mountable on: concrete wall, facade  
Connection: Ø 13 mm  
Material: stainless steel (AISI 316)

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

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



#### AIO-EB-13

##### CORNER-END LOCK FASTENING, 90° (EN 795 C)

Mountable on: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.  
Connection: thread M16  
Material: stainless steel (AISI 316)

for fastening two lifeline systems (AIO-ENDS-10) at an angle of 90°

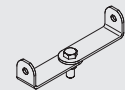


#### AIO-EB-14

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

Mountable on: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.  
Connection: thread M16  
Material: stainless steel (AISI 316)

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

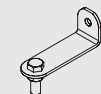


#### AIO-EB-15

##### STANDARD END LOCK FASTENING, long (EN 795 C)

Mountable on: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.  
Connection: thread M16  
Material: stainless steel (AISI 316)

for fastening the lifeline system with an end lock (AIO-ENDS-10)



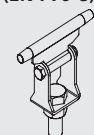
### INTERMEDIATE BRACKET

#### AIO-SZH-10

##### STANDARD INTERMEDIATE BRACKETS, can be passed over (EN 795 C)

Mountable on: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.  
Connection: thread M16  
Function range: 220°  
Material: stainless steel (AISI 316)

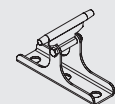
Can be used on both sides without detaching the slider



#### AIO-SZH-11

##### FACADE INTERMEDIATE BRACKETS, can be passed over (EN 795 C)

Mountable on: facade  
Connection: fastening boreholes Ø 17 mm  
Through boreholes: 134 mm  
Function range: 220°  
Material: stainless steel (AISI 316)



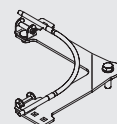
### CORNER PASS-THROUGH ELEMENTS

#### AIO-EDLE-10

##### STANDARD CORNER PASS-THROUGH ELEMENT, 90°, can be passed over (EN 795 C)

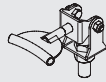
Mountable on: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.  
Application: Internal or external corner sets and overhead systems  
Connection: thread M16  
Material: stainless steel (AISI 316)

for the attachment of a 90° corner set  
Variably adjustable cable lead-in angle thanks to bent base plate



**AIO-EDLE-11**  
**STANDARD CORNER PASS-THROUGH ELEMENT, 135°, can be passed over (EN 795 C)**

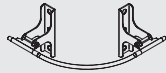
Mountable on: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.  
Application: Internal corner formations  
Connection: thread M16  
Material: stainless steel (AISI 316)



for the attachment of a 135° corner set

**AIO-EDLE-12**  
**FACADE CURVED CORNER PASS-THROUGH ELEMENT, 90°, can be passed over (EN 795 C)**

Mountable on: facade  
Application: Internal or external corner sets and overhead systems  
Connection: fastening boreholes Ø 17 mm  
Through boreholes: 134 mm  
Snap-in settings: 0°, 45°, 90°, 135°, 180°  
Material: stainless steel (AISI 316)



for the attachment of a 90° corner set

**AIO-EDLE-13**  
**FACADE CURVED CORNER PASS-THROUGH ELEMENT, 90°, can be passed over (EN 795 C)**

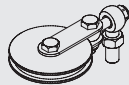
Mountable on: Steel construction  
Application: Internal or external corner sets and overhead systems  
Connection: fastening boreholes Ø 17 mm  
Snap-in settings: 0°, 45°, 90°, 135°, 180°  
Material: stainless steel (AISI 316)



for the attachment of a 90° corner set  
Restricted applicability when used as external corners

**AIO-EDLE-14**  
**STANDARD CURVED CORNER PASS-THROUGH ELEMENT, variable, not can be passed over (EN 795 C)**

Mountable on: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.  
Application: Internal corner formations  
Connection: thread M16  
Material: stainless steel (AISI 316), plastic



for setting up of a variable corner set

**AIO-EDLE-16**  
**SPECIAL CURVED CORNER PASS-THROUGH ELEMENT, EXTENSION TUBE, can be passed over (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**  
**SPECIAL CURVED CORNER PASS-THROUGH ELEMENT, EXTENSION TUBE, 90°, can be passed over (EN 795 C)**

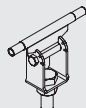
Application: creation of special corners  
Length: 1000 mm  
Angle of curve: 90°  
Material: stainless steel (AISI 316)



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, can be passed over (EN 795 C)**

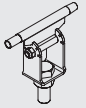
Mountable on: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.  
Application: internal or external corner sets and overhead systems  
Connection: thread M16  
Snap-in settings: 0°, 45°, 90°, 135°, 180°  
Material: stainless steel (AISI 316)



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

**AIO-EDLE-18**  
**SPECIAL CORNER PASS-THROUGH ELEMENT, offset on one side, can be passed over (EN 795 C)**

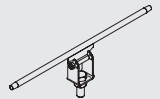
Mountable on AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.  
Application: internal or external corner sets and overhead systems  
Connection: thread M16  
Snap-in settings: 0°, 45°, 90°, 135°, 180°  
Material: stainless steel (AISI 316)



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

**AIO-EDLE-19**  
**SPECIAL CORNER PASS-THROUGH ELEMENT, variable up to 135°, can be passed over (EN 795 C)**

Mountable on 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 316)



deflection angles of 0°, 180° to 135° are possible  
suitable bending device or flaring tool required

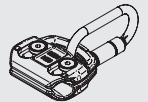
**SLIDERS**

INNOTECH SLIDERS (e.g. AIO-GLEIT-10 / -11 / -12 / -13) are components of the INNOTECH ALLinONE horizontal lifeline system, and are distinguished by a resistance-free movement 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 B)**

Material: stainless steel (AISI 316)

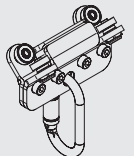
can be attached and detached at any point in the horizontal lifeline system  
suitable for passing over the pass-through elements (intermediate brackets and curve elements)



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

Material: stainless steel (AISI 316)

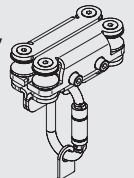
suitable for traversing the pass-through elements in the overhead lifeline system (intermediate brackets)



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

Material: stainless steel (AISI 316)

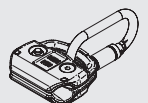
suitable for traversing the pass-through elements in the overhead lifeline system (intermediate brackets and curve elements)



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

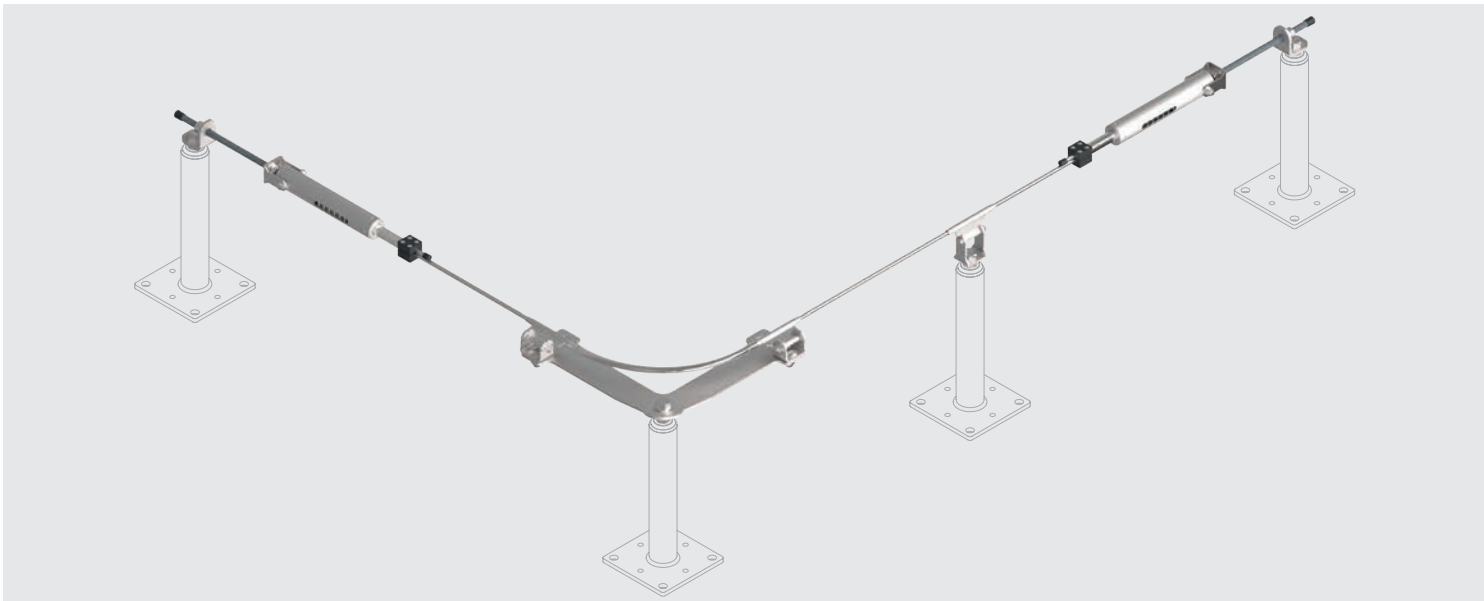
Material: stainless steel (AISI 316)

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

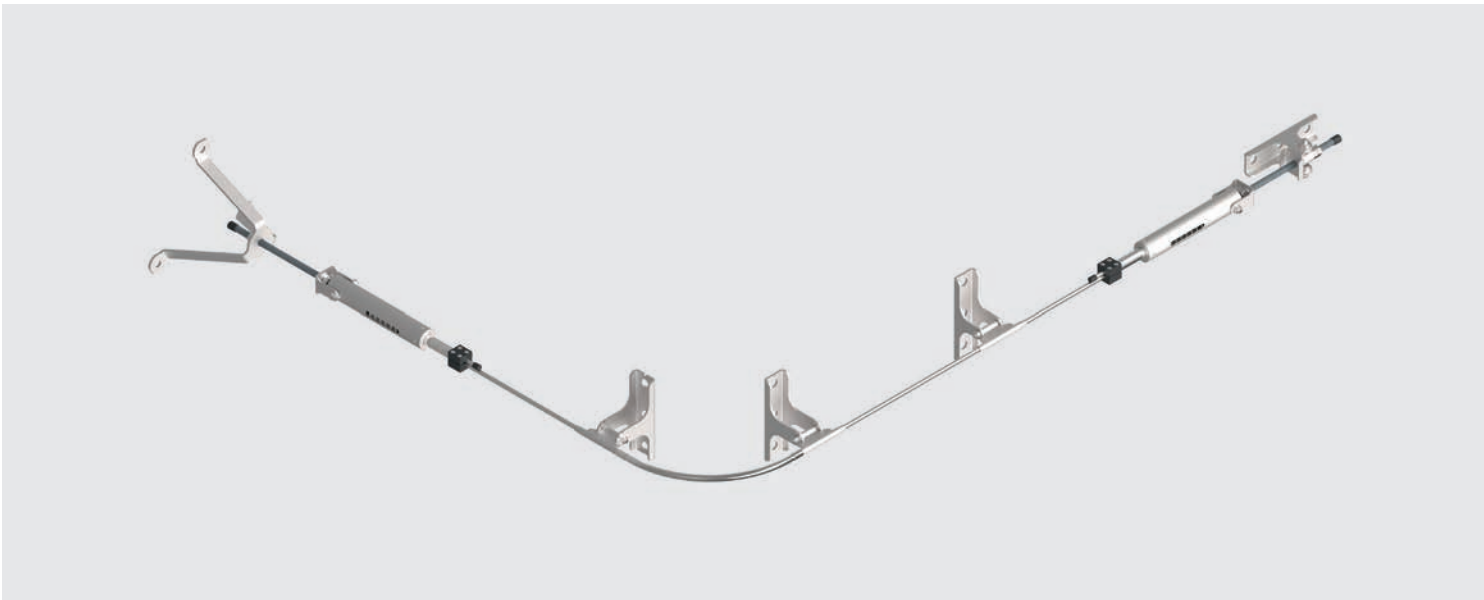




**HORIZONTAL-OVERHEAD-LIFELINE-SYSTEM**



**FACADE-LIFELINE-SYSTEM**



**SELF-SUPPORTING-LIFELINE-SYSTEM**

