

Expo News

Fall protection at the highest level
from the european innovation leader.



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Our entire product assortment, as well as further information material
can be downloaded from our website www.innotech.at



COMPANY

Company



INNOTECH ARBEITSSCHUTZ COMPANY

Founded in 2001, INNOTECH® Arbeitsschutz is a family-owned company with headquarters in Kirchham and branch offices in Germany and Switzerland. From the onset, the company has placed great worth on innovative, customised solutions. With a dedicated research and development team, INNOTECH® soon set international standards in the area of occupational safety. Ever since, it has driven forward the further development of innovative products. Today INNOTECH is one of the largest manufacturers in Europe which has specialised exclusively in the production of safety systems, with 88% from its own manufacture, in order to guarantee maximum quality.

WORKER PROTECTION AND SAFETY AT WORK

According to various statistics, several hundred people have an accident on roofs every year. Accidents that could have been prevented with appropriate safety equipment and the diligent installation of high-quality fall protection systems. In the area of worker protection, INNOTECH® is the joint author of planning documents and is a joint founder of the international working group D.A.CH.S., which consists of experts from Germany, Austria, Switzerland, and South Tyrol, and whose aim is to create cross-border regulations for fall protection systems.



FULL SERVICE PROVIDER

In order to comply with all legal, moral, and ethical requirements, INNOTECH® believes that its mission is to pass on its knowledge to customers, partners, and employees in many ways, such as detailed training. The high level of skills of approx. 140 employees ensures optimum support of our customers in 34 countries during all project phases.

HOW YOU PROTECT LIVES

INNOTECH® products are easy to use and above all they are innovative and sophisticated. The modular systems are simple and quick to install and maintain. Thanks to the modular design, any adaptation to any project size is easy – whether residential home, stadium, opera house, factory building, or the roof of a railway station. Prefabrication ensures fast delivery despite customisation.

QUALITY LEADER IN FALL PROTECTION

Occupational safety is not a matter of quantity, but rather of quality. The particularly research-oriented INNOTECH® Group is constantly working on the optimisation of its product portfolio. In our in-house test laboratory, the developments

are put through the most demanding testing. Using state-of-the-art technology, the forces acting on the products are simulated. The resulting products withstand even extreme force transmissions to a variety of substructures, and meet the high quality standards of the team. Our highly trained employees develop and plan individual solutions for all hazard areas for work on roofs, facades, in industrial plants and other hazardous sites. The parts are made from high-quality materials using cutting-edge methods at our production plant, which has been certified multiple times. The mission is clear: INNOTECH® protects lives when working at height!

WORKER PROTECTION & SAFETY AT WORK

For INNOTECH®, safety always comes first. The slogan: “How you protect lives” aims to be an appealing way of raising awareness of the issues of worker protection and safety at work, and their importance. With fall protection systems from INNOTECH®, you can feel as free as a bird when working on roofs and facades.

*QUALITY
KNOW-HOW
RESPONSIBILITY*

INNOTECH® Arbeitsschutz GmbH

INNO | SERVICES

*PLANS
TRAINING
DOCUMENTATION*

INNO | Services

THE INNOTECH SAFETY TRAINING

INNO|school

Work safely and live.



YOU TOO CAN BECOME AN EXPERT.

It is our desire that our products are accompanied by top technical support, planning, installation, documentation and inspection. Fall protection concerns all of us, and that is why we place particular emphasis on expert and professional installation. **Because it's a matter of human life!**

100% sharing of knowledge and experience for all participants:

Our team of selected experts from the respective specialist disciplines shares its knowledge and wealth of experience, so that every participant is capable of the professional installation of fall protection equipment – even under time pressure.

The contents are compact, and the presentation methodology is very precise:

- Legal principles
- Illusion of safety
- Fall protection systems
- Planning of fall protection systems
- Installation, documentation, and inspection

Every year, we train hundreds of safety experts.

Book your next training right now:

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INNO|training

Onsite in your company.

You think that our training courses are great,
but you can't send your employees to us?

NO PROBLEM - IN THAT CASE, WE'LL COME TO YOU!

INNO|training guarantees compact training onsite; this includes the same audiovisual presentations available in our INNO|school, provided by your personal technical representative. In the training bus, you can inspect our products up close and in detail, and the very comfortable seating makes the training a top class event which you should not miss!

After completion of the 4 to 5 hour INNO|training, you receive your own personal certificate, and are therefore trained to install our products correctly.

This INNO|training certificate is valid for 18 months.

During this period, you are able to attend the INNO|school training and complete the modules which are still open. As a graduate of the INNO|school, you receive a certificate which is not time-limited.

The benefits for you as an INNOTECH® customer:

- Training onsite from your personal tutor.
- Huge time-saving
- Fully equipped training bus
- Comfortable seating for 6 persons
- Integrated electronics for high-tech presentations

Book your next training right now:

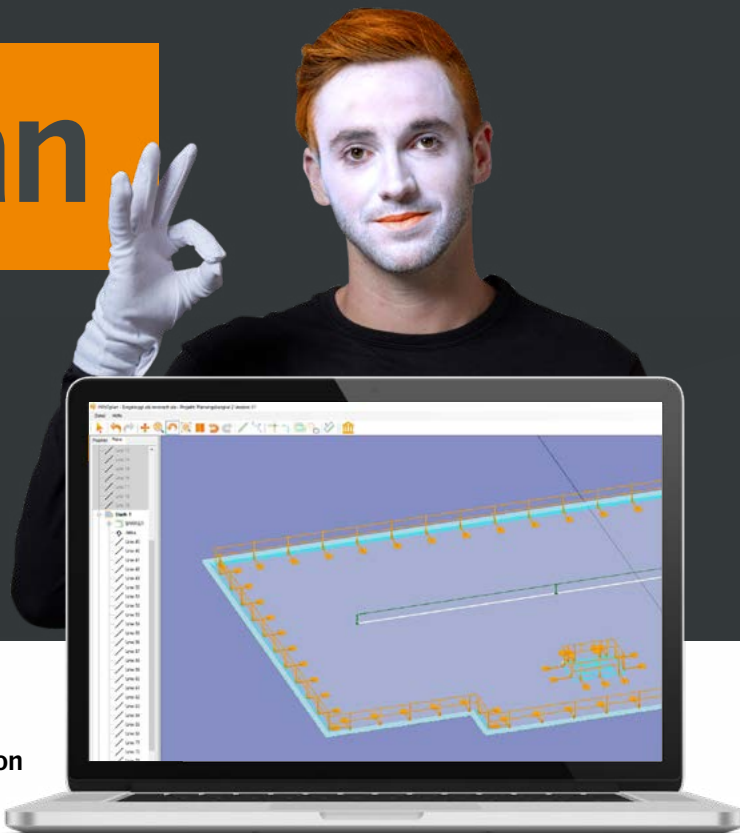
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THE INNOTECH PLANNING TOOL

INNO|plan

Efficient planning



TIME IS MONEY – USE INNO|PLAN

INNOTECH® – your full service provider for the invitation to tender and the planning of fall protection systems.

- Simple installation and use
- Individual user settings
- 3D view
- Enormous time-saving through automation
- Error reduction through integrated logic
- Automatic generation of parts lists
- Automated proposal generation by INNOTECH
- INNOTECH planning service online
- Project handover
- Regular updates about ongoing optimisation

Import of plans,
ortho-images,
sketches, or photos

Definition of
substructure, edges,
and roof surfaces

Selection of
products or
systems

Automatic generation
of parts lists and sub-
mission of proposals

Export of the plan
(pdf, dxf, dwg, ...)



The expertise of our staff is always state-of-the-art in terms of development and of legal requirements.

Regardless whether in terms of applicable standards and regulations, or the selection of the most economical

equipment variants.

Planned by our team, you will get a reliable fall protection that fits your building project perfectly.

Contact our INNO|plan service team.

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THE INNOTECH WEB-APP

INNO|doc

Simple. Clear. Document.



YOU BECOME A REAL WINNER

when you decide to install the web-app from INNOTECH®. This new service provides you with an incredible head start and a clear advantage in the documentation of your fall protection systems!

With just a few clicks, you will achieve maximum time savings, as well as a huge reduction in costs and effort – no more annoying paperwork!



You can rapidly and simply document the installation of your fall protection.

Preparation
of tenders

Building site
inspection

Planning

Execution

Documentation

Inspection



Automatic reminder

Set the interval for the annual inspection – with one click – and offer your customers this special benefit. Follow-up inspections are guaranteed.

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LIFELINE SYSTEMS SINGLE ANCHOR POINTS

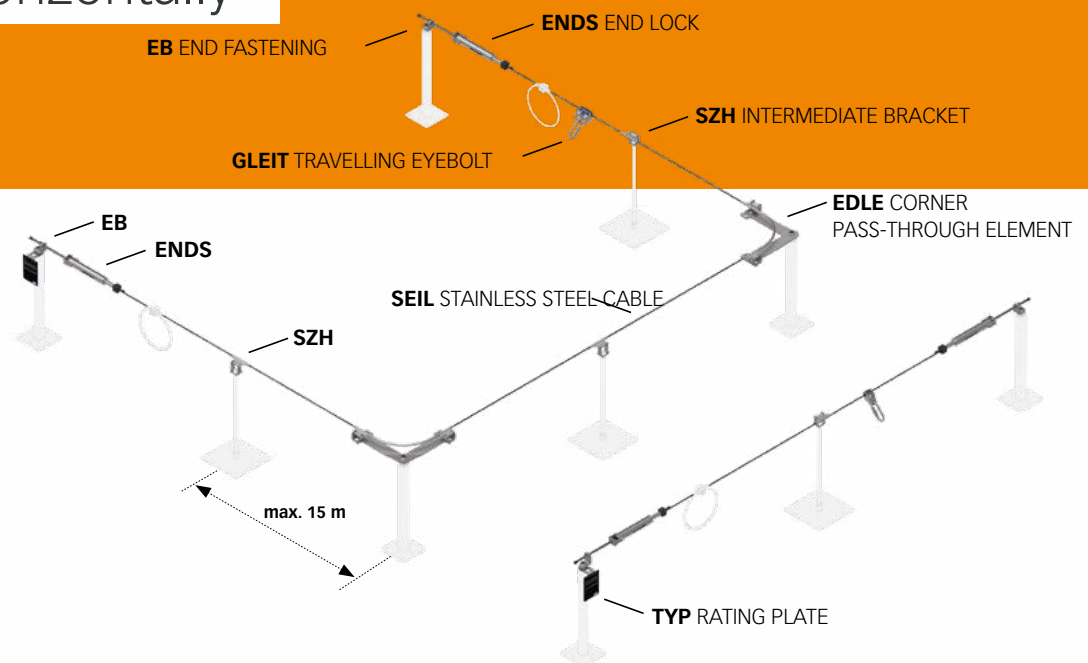
*UNCOMPLICATED
ECONOMICALLY
SAVE*

INNOTECH® Arbeitsschutz GmbH

RESTRAINT, FALL ARREST, AND RESCUE SYSTEM

AIO LIFELINE SYSTEM

Passable horizontally



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

- For use as a restraint, fall arrest, and rescue system
- Universal components ensure optimum adjustment to complex structural shapes indoors and outdoors
- Optimum fastening options on all substructures
- Minimum cable sag thanks to great base stability and consistent spring pre-tension
- Small number of roof perforations thanks to wide post spacings up to 15 m
- Simple to inspect due to viewing window in the revolutionary end lock, and the indicator clip

The modular system components enable simple and defect-free installation. The innovative design allows the lifeline system to be used on both sides without inconvenient detaching or reconnecting.

- Simple to install because of 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

Passable

TYP | RATING PLATES

AIO-TYP-20

RATING PLATE, AIO LIFELINE SYSTEM, TRAVERSABLE (EN 795 C)

Designation: Horizontal lifeline system
Material: Stainless steel (AISI 316), plastic

Various fastening options



AIO-TYP-21

RATING PLATE, AIO LIFELINE SYSTEM, TRAVERSABLE (EN 795 C)

Designation: Horizontal lifeline system, held by superimposed load
Material: Stainless steel (AISI 316), plastic

Various fastening options



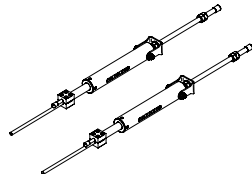
ENDS | END LOCK

AIO-ENDS-10

END LOCK SET, AIO LIFELINE SYSTEM, TRAVERSABLE (EN 795 C)

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

Material: stainless steel (AISI 304), aluminium (anodised)



SEIL | STAINLESS STEEL CABLE

AIO-SEIL-30

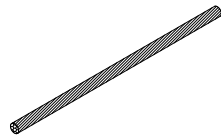
STAINLESS STEEL CABLE (EN 795 C)

Dimensions: Ø 8mm (7 x 7)

Breaking load: 37 kN

Material: Stainless steel (AISI 316)

tested for INNOTECH® lifeline systems



EB | END LOCK FASTENING

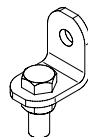
AIO-EB-10

END LOCK FASTENING, SHORT (EN 795 C)

Substructure: AIO-STA, 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)

END LOCK FASTENING

AIO-EB-15

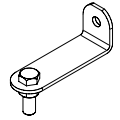
CORNER END LOCK FASTENING, 30° TO 180° (EN 795 C)

Substructure: AIO-STA, 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°

SZH | INTERMEDIATE BRACKET

AIO-SZH-10

INTERMEDIATE BRACKET, TRAVERSABLE (EN 795 C)

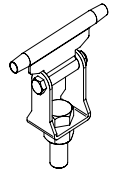
Substructure: AIO-STA, AIO-FALZ, AIO-SAND,

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 travelling eyebolt

EDLE | CORNER PASS-THROUGH ELEMENTS

AIO-EDLE-50

CORNER PASS-THROUGH ELEMENT, TRAVERSABLE (EN 795 C)

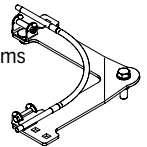
Substructure: AIO-STA, AIO-FALZ, AIO-SAND,

AIO-VARIO, AIO-SYST, etc.

Application: Inside or outside 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-50 PIPE BEND, 80 TRAVERSABLE (EN 795 C)

AIO-EDLE-50 PIPE BEND, 105 TRAVERSABLE (EN 795 C)

AIO-EDLE-50 PIPE BEND, 120 TRAVERSABLE (EN 795 C)

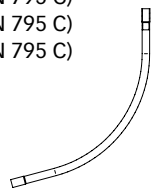
Application: for AIO-EDLE-50

Material: Stainless steel (AISI 316)

For creation of a 80°, 105°, or 120° corner set

Traversable only on outside

AIO-EDLE-50 not included in scope of delivery



CORNER PASS-THROUGH ELEMENTS

AIO-EDLE-11

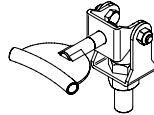
CORNER PASS-THROUGH ELEMENT, 135°, TRAVERSABLE (EN 795 C)

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

Application: Internal corner formation

Connection: Thread M16

Material: stainless steel (AISI 304)



for the attachment of a 135° corner set

AIO-EDLE-16

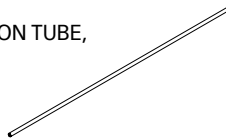
CORNER PASS-THROUGH ELEMENT, EXTENSION TUBE, TRAVERSABLE (EN 795 C)

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 AIO-EDLE-12/13/17/18.

AIO-EDLE-16-90

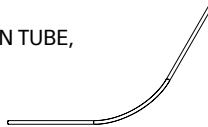
CORNER PASS-THROUGH ELEMENT, EXTENSION TUBE, TRAVERSABLE (EN 795 C)

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 AIO-EDLE-12/13/17/18.

AIO-EDLE-17

CORNER PASS-THROUGH ELEMENT, OFFSET ON BOTH SIDES, TRAVERSABLE (EN 795 C)

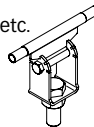
Substructure: AIO-STA, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Inside or outside corner sets and overhead systems

Connection: Thread M16

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

Material: stainless steel (AISI 304)



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

AIO-EDLE-18

CORNER PASS-THROUGH ELEMENT, OFFSET ON ONE SIDE, TRAVERSABLE (EN 795 C)

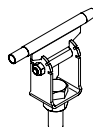
Substructure: AIO-STA, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Inside or outside corner sets and overhead systems

Connection: Thread M16

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

Material: stainless steel (AISI 304)



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

CORNER PASS-THROUGH ELEMENTS

AIO-EDLE-19

CORNER PASS-THROUGH ELEMENT, VARIABLE UP TO 135°, TRAVERSABLE (EN 795 C)

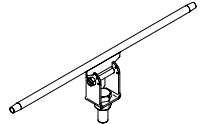
Substructure: AIO-STA, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Inside or outside corner sets and overhead systems

Connection: Thread M16

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

Material: stainless steel (AISI 304)



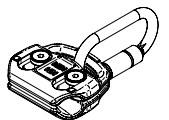
Deflection angles of 0°, 180° to 135° are possible
Suitable bending device or flaring tool required

GLEIT | TRAVELLING EYEBOLT

AIO-GLEIT-10-A4

MOBILE ANCHORAGE POINT/TRAVELLING EYEBOLT, REMOVABLE, CURVE COMPATIBLE

Material: Stainless steel (AISI 316)

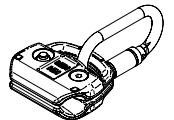


Can be installed and removed at any point in the horizontal lifeline system, suitable for traversing the pass-through elements (intermediate brackets and curve elements)

AIO-GLEIT-13-A4

MOBILE ANCHORAGE POINT/TRAVELLING EYEBOLT

Material: Stainless steel (AISI 316)

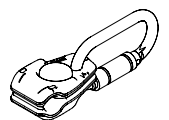


Suitable for traversing the pass-through elements (intermediate brackets and curve elements)

AIO-GLEIT-20-A4

MOBILE ANCHORAGE POINT/TRAVELLING EYEBOLT

Material: Stainless steel (AISI 316)



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

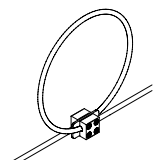
SHOCK | SHOCK ABSORBER

AIO-SHOCK-10

SHOCK ABSORBER

Material: aluminium, anodised

Reduces the end forces in an AIO lifeline system
increase of the cable deflection by approx. 500 mm
For use in the products: AIO-BKS, AIO-VARIO, QUAD-13-END, AIO-SAND-13, AIO-SYST-09!

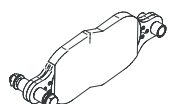


AIO-SHOCK-11

SHOCK ABSORBER

Material: Stainless steel (AISI 316)

Reduces the end forces in an AIO lifeline system
increase of the cable deflection by approx. 1000 mm
For use in the products: AIO-BKS, AIO-VARIO, QUAD-13-END, AIO-SAND-13, AIO-SYST-09!



PERFECT FOR COMPLEX
BUILDINGS AND FACADE STRUCTURES

AIO LIFELINE SYSTEM



ÖAMTC HEADQUARTERS
Vienna, Austria



- For use as a restraint, fall arrest, and rescue system
- Universal components ensure optimum adjustment to complex structural shapes indoors and outdoors
- Optimum fastening options on different substructures
- Accessibility from both sides of the lifeline system without detaching or reconnecting

MORE SAFETY.
MORE INFORMATION.
MORE FROM LIFE!

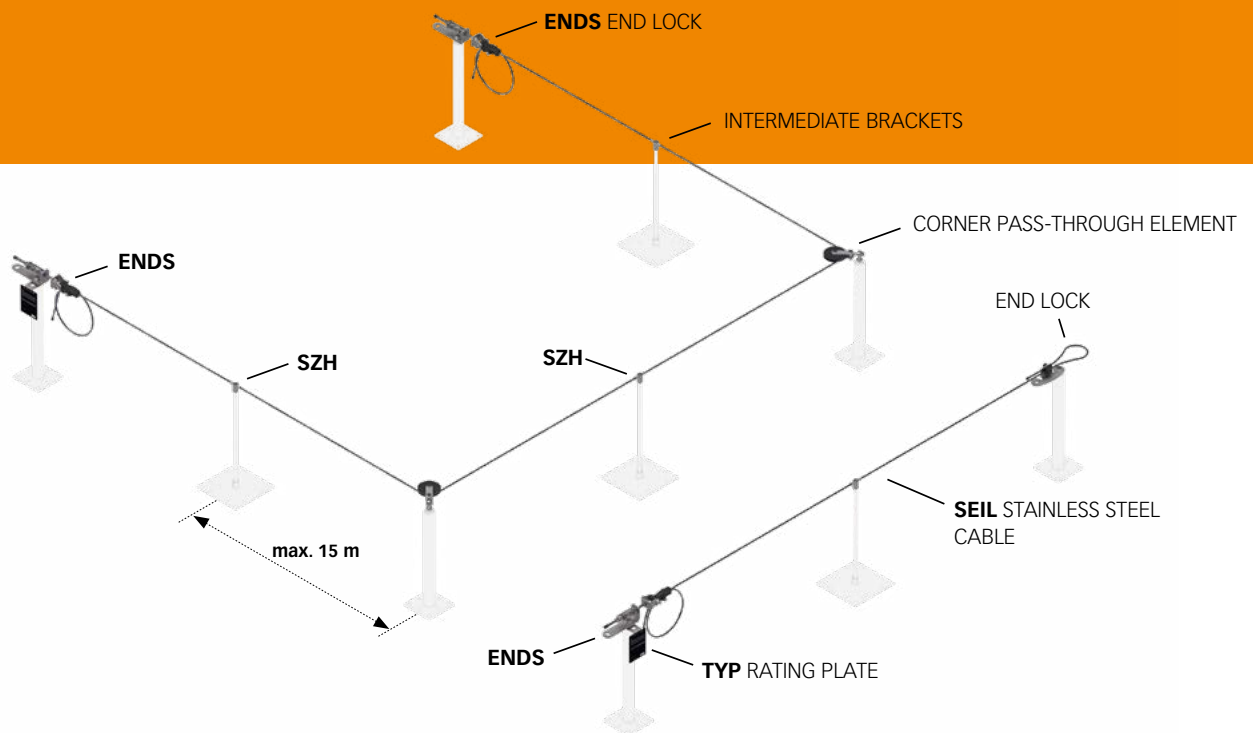
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INNO|plan
INNO|doc

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RESTRAINT, FALL ARREST, AND RESCUE SYSTEM

AIO LIFELINE SYSTEM

Non-passable horizontally



The ALLinONE lifeline system from INNOTECH® has been developed as a restraint, fall arrest, and rescue system. This economical lifeline system is ideally suited for complex building and facade structures, and can be optimally

fastened to very different substructures. The modular system components enable simple and defect-free installation.

- For use as restraint, fall arrest, and rescue system
- Universal components ensure optimum adjustment to complex structural shapes indoors and outdoors
- Optimum fastening options on all substructures
- Minimum cable sag thanks to great base stability and consistent spring pre-tension
- Simple product selection and installation by means of combination end lock
- Small number of roof penetrations thanks to wide post spacings up to 15m

- Simple to inspect because of open construction of the revolutionary end lock
- All lifeline system components manufactured from high-quality stainless steel and aluminium
- Simple to install thanks to universally usable system components
- Certification to the latest state of the art:

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

Non-passable

TYP | RATING PLATE

AIO-TYP-50

RATING PLATE, AIO LIFELINE SYSTEM,
NOT TRAVERSABLE (EN 795 C)

Designation: Horizontal lifeline system
Material: Stainless steel (AISI 316), plastic

Various fastening options



AIO-TYP-51

RATING PLATE, AIO LIFELINE SYSTEM, NOT TRAVERSABLE (EN 795 C)

Designation: Horizontal lifeline system, held by superimposed load
Material: Stainless steel (AISI 316), plastic

Various fastening options

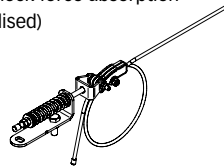


ENDS | END LOCK

AIO-ENDS-50

END LOCK, AIO LIFELINE SYSTEM, NOT TRAVERSABLE (EN 795 C)
For a non-traversable cable span with integrated shock force absorption
Material: stainless steel (AISI 316), aluminium (anodised)

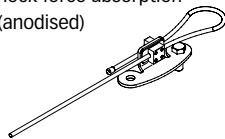
For a cable span with corner set,
a second AIO-ENDS-50
is also required; for a straight cable span,
an AIO-ENDS-51 is necessary.



AIO-ENDS-51

END LOCK, AIO LIFELINE SYSTEM, NOT TRAVERSABLE (EN 795 C)
For a non-traversable cable span with integrated shock force absorption
Material: Stainless steel V2A (AISI 316), aluminium (anodised)

Only in combination with AIO-ENDS-50
for a straight cable span

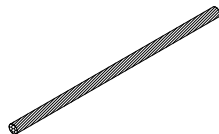


SEIL | STAINLESS STEEL CABLE

AIO-SEIL-30

STAINLESS STEEL CABLE (EN 795 C)
Dimensions: Ø 8mm (7 x 7)
Breaking load: 37 kN
Material: Stainless steel (AISI 316)

tested for INNOTECH® lifeline systems

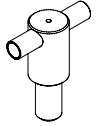


SZH | INTERMEDIATE BRACKET

AIO-SZH-13

INTERMEDIATE BRACKET, NOT TRAVERSABLE (EN 795 C)

Substructure: Substructure: AIO-STA,
AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.
Connection: Thread Ø 16mm
Material: stainless steel (AISI 304)

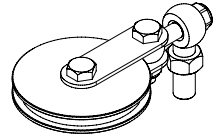


EDLE | CORNER PASS-THROUGH ELEMENTS

AIO-EDLE-14

CORNER PASS-THROUGH ELEMENT BRACKET, NOT TRAVERSABLE
(EN 795 C)

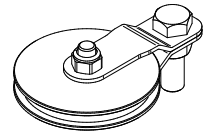
Substructure: AIO-STA, AIO-FALZ, AIO-SAND,
AIO-VARIO, AIO-SYST, etc.
Application: Internal corner formations
Connector: Thread M16
Material: stainless steel (AISI 304)
for attachment of a variable corner set



AIO-EDLE-15

CORNER PASS-THROUGH ELEMENT BRACKET, NOT TRAVERSABLE
(EN 795 C)

Substructure: AIO-STA, AIO-FALZ, AIO-SAND,
AIO-VARIO, AIO-SYST, etc.
Application: Internal corner formations
Connector: Thread M16
Material: stainless steel (AISI 304)



for attachment of a variable corner set

ACCESSORY

Y-STRETCH

DOUBLE-STRAND LANYARD MADE OF STRETCH BELT WITH STRETCH
CONSTRUCTION AND SHOCK ABSORBER

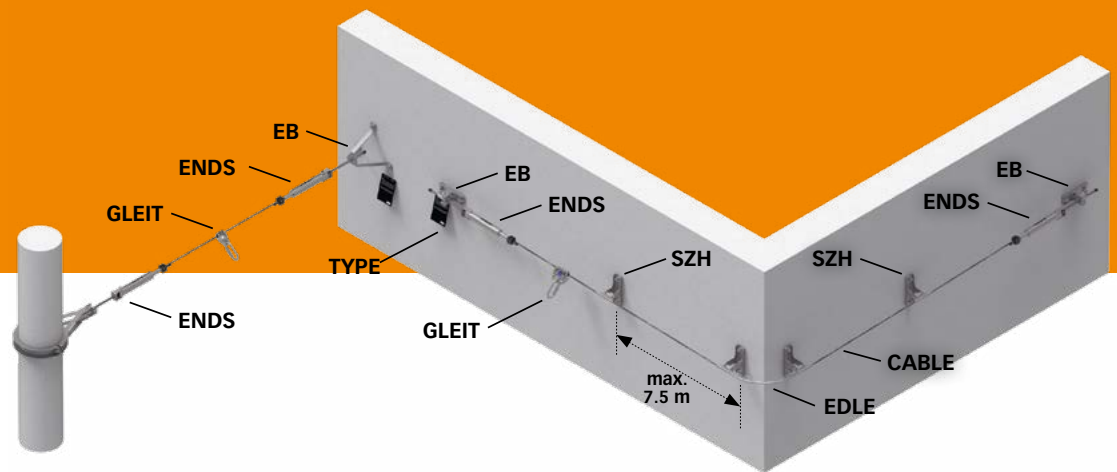
Material: 33mm stretch belt
Plastic: Polyamide, PES polyester
Fittings: aluminium, steel
Colour: orange/black
Weight: 1.68kg
Lengths: 1.05m/1.5m/2m
Temperature: -35°C to 40°C
Standard: EN 354, EN 355



RESTRAINT, FALL ARREST, AND RESCUE SYSTEM

AIO LIFELINE SYSTEM

Passable facade



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

- For use as restraint, fall arrest, and rescue system
- Universal components ensure optimum adjustment to complex structural shapes indoors and outdoors
- Optimum fastening options on all substructures
- Minimum cable sag thanks to constant spring pre-tension
- Reduced installation effort due to wide post spacings up to 7.5 m
- Simple to inspect because of viewing window in the revolutionary end lock, and the indicator clip
- All lifeline system components manufactured from high-quality stainless steel

The modular system components enable simple and defect-free installation. The innovative design allows the lifeline system to be used without inconvenient detaching or reconnecting.

- Simple to install thanks to universally usable system components
- Accessibility to the lifeline system without detaching or reconnecting
- Certification to the latest state of the art:

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

Passable

TYP | RATING PLATE

AIO-TYP-20

RATING PLATE, AIO LIFELINE SYSTEM, TRAVERSABLE (EN 795 C)

Designation: Horizontal lifeline system
Material: Stainless steel (AISI 316), plastic

Various fastening options



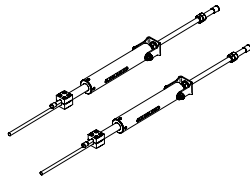
ENDS | END LOCK

AIO-ENDS-10

END LOCK SET, AIO LIFELINE SYSTEM, TRAVERSABLE (EN 795 C)

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

Material: stainless steel (AISI 304), aluminium (anodised)



SEIL | STAINLESS STEEL CABLE

AIO-SEIL-30

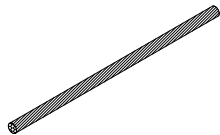
STAINLESS STEEL CABLE (EN 795 C)

Dimensions: Ø 8mm (7 x 7)

Breaking load: 37 kN

Material: Stainless steel (AISI 316)

tested for INNOTECH® lifeline systems



EB | END LOCK FASTENING

AIO-EB-11

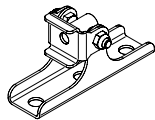
END LOCK FASTENING, FACADE (EN 795 C)

Substructure: facade

Connection: Attachment drilling Ø 17 mm

Hole spacing: 134 mm

Material: stainless steel (AISI 304)



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

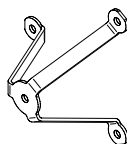
AIO-EB-12

END LOCK FASTENING, FACADE (EN 795 C)

Substructure: facade, 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

In the case of weathered facades or thermal insulation, no high-load anchors (BEF-104-A4) may be used. (use 3x adhesive anchor M12)

END LOCK FASTENING

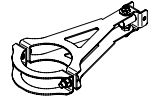
AIO-EB-20-110

END LOCK FASTENING, PIPE FASTENING, TRAVERSABLE

Substructure: Pipe Ø 110mm

Material: stainless steel (AISI 304)

Available on request only!



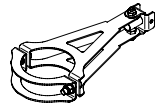
AIO-EB-20-140

END LOCK FASTENING, PIPE FASTENING, TRAVERSABLE

Substructure: Pipe Ø 140mm

Material: stainless steel (AISI 304)

Available upon request



SZH | INTERMEDIATE BRACKET

AIO-SZH-11

INTERMEDIATE BRACKET, FACADE, TRAVERSABLE (EN 795 C)

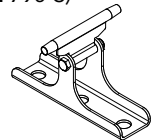
Substructure: facade

Connection: Attachment drilling Ø 17mm

Hole spacing: 134 mm

Function range: 220°

Material: stainless steel (AISI 304)



AIO-SZH-14

INTERMEDIATE BRACKET, FACADE, TRAVERSABLE

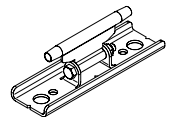
Substructure: facade, concrete

Connection: Attachment drilling Ø 17mm

Hole spacing: 134mm

Function range: 220°

Material: stainless steel (AISI 304)



AIO-SZH-20-050

INTERMEDIATE BRACKET, PIPE FASTENING, TRAVERSABLE

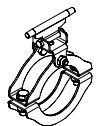
Substructure: Pipe Ø 50mm

Function range: 220°

Material: stainless steel (AISI 304)

Available in various lengths

Available on request only!



AIO-SZH-90-100 WOOD

INTERMEDIATE BRACKET, FACADE, TRAVERSABLE

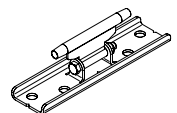
Substructure: facade, wood

Function range: 220°

Material: stainless steel (AISI 304)

Available in various lengths

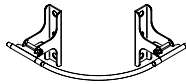
Available on request only!



EDLE | CORNER PASS-THROUGH ELEMENTS

AIO-EDLE-12

CORNER PASS-THROUGH ELEMENT, FACADE, TRAVERSABLE (EN 795 C)
 Substructure: facade
 Application: Inside or outside corner sets and overhead systems
 Connection: Attachment drilling 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

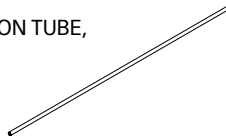
CORNER PASS-THROUGH ELEMENT, FACADE, 90°, TRAVERSABLE (EN 795 C)
 Substructure: facade, concrete, steel
 Application: Inside or outside corner sets and overhead systems
 Connection: Attachment drilling Ø 17 mm.
 Snap-in settings: 0°, 45°, 90°, 135°, 180°
 Material: stainless steel (AISI 304)



For setting up a 90° corner set. Restricted usage as external corners

AIO-EDLE-16

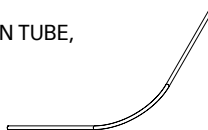
CORNER PASS-THROUGH ELEMENT, EXTENSION TUBE, TRAVERSABLE (EN 795 C)
 Application: creation of special corners
 Length: 1000/1500/3000 mm
 Angle of curve: 0°
 Material: Stainless steel (AISI 316)



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

AIO-EDLE-16-90

CORNER PASS-THROUGH ELEMENT, EXTENSION TUBE, TRAVERSABLE (EN 795 C)
 Application: creation of special corners
 Length: 1000 mm
 Angle of curve: 90°
 Material: Stainless steel (AISI 316)

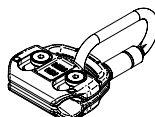


Suitable bending device or flaring tool required for connecting to AIO-EDLE-12/13/17/18.

GLEIT | TRAVELLING EYEBOLT

AIO-GLEIT-10-A4

MOBILE ANCHORAGE POINT/TRAVELLING EYEBOLT, REMOVABLE, CURVE COMPATIBLE
 Material: Stainless steel (AISI 316)

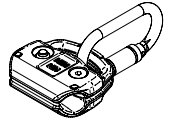


Can be installed and removed at any point in the horizontal lifeline system, suitable for traversing the pass-through elements (intermediate brackets and curved elements)

TRAVELLING EYEBOLT

AIO-GLEIT-13-A4

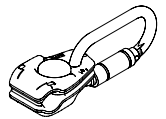
MOBILE ANCHORAGE POINT/TRAVELLING EYEBOLT
 Material: Stainless steel (AISI 316)



Suitable for traversing the pass-through elements (intermediate brackets and curved elements)

AIO-GLEIT-20-A4

MOBILE ANCHORAGE POINT/TRAVELLING EYEBOLT
 Material: Stainless steel (AISI 316)



can be attached and detached at any point in the horizontal lifeline system
 Suitable for traversing the pass-through elements (intermediate brackets and curved elements)

*FOR USE AS A RESTRAINT,
FALL ARREST, AND RESCUE SYSTEM*

*OPTIMUM FASTENING OPTIONS
ON ALL SUBSTRUCTURES*

*ACCESSIBILITY TO THE LIFELINE
SYSTEM WITHOUT DETACHING
OR RECONNECTING*

AIO / LIFELINE SYSTEM / facade Passable

The Innotech safety training

INNO|school

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- Fall protection systems
- Planning of fall protection systems
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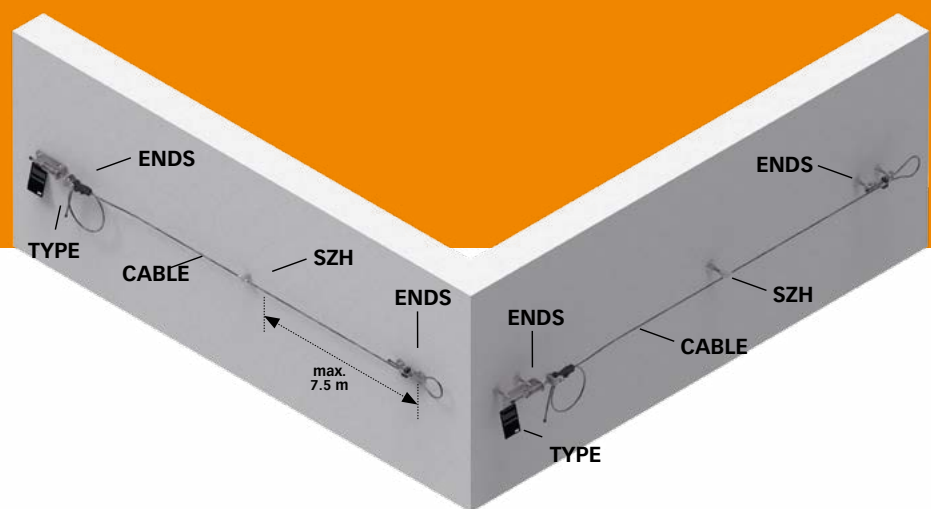
T: +43 7619 22122-181 | E: training@innotech.at
www.innotech.at



RESTRAINT, FALL ARREST, AND RESCUE SYSTEM

AIO LIFELINE SYSTEM

Facade non-passable



The ALLinONE lifeline system from INNOTECH® has been developed as a restraint, fall arrest, and rescue system. This economical lifeline system is ideally suited for facade structures, and can be optimally fastened to very different substructures.

- For use as restraint, fall arrest, and rescue system
- Universal components ensure optimum adjustment to complex structural shapes indoors and outdoors
- Optimum fastening options on all substructures
- Minimum cable sag thanks to great base stability and consistent spring pre-tension
- Simple product selection and installation by means of combination end lock
- Reduced installation effort thanks to wide post spacings up to 7.5 m

The modular system components enable simple and defect-free installation.

- Simple to inspect because of open construction of the revolutionary end lock
- All lifeline system components manufactured from high-quality stainless steel and aluminium
- Simple to install thanks to universally usable system components
- Certification to the latest state of the art:

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

Non-passable

TYP | RATING PLATE

AIO-TYP-50

RATING PLATE, AIO LIFELINE SYSTEM, NOT TRAVERSABLE (EN 795 C)

Designation: Horizontal lifeline system
Material: Stainless steel (AISI 316), plastic

Various fastening options



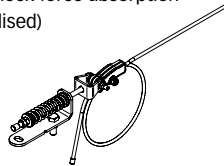
ENDS | END LOCK

AIO-ENDS-50

END LOCK, AIO LIFELINE SYSTEM, NOT TRAVERSABLE (EN 795 C)

For a non-traversable cable span with integrated shock force absorption
Material: stainless steel (AISI 316), aluminium (anodised)

For a cable span with corner set,
a second AIO-ENDS-50
is also required; for a straight cable span,
an AIO-ENDS-51 is necessary.

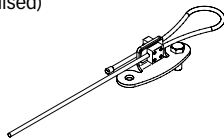


AIO-ENDS-51

END LOCK, AIO LIFELINE SYSTEM, NOT TRAVERSABLE (EN 795 C)

For a non-traversable cable span with integrated shock force absorption
Material: stainless steel (AISI 316), aluminium (anodised)

Only in combination with AIO-ENDS-50
for a straight cable span



SEIL | STAINLESS STEEL CABLE

AIO-SEIL-30

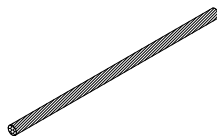
STAINLESS STEEL CABLE (EN 795 C)

Dimensions: Ø 8mm (7 x 7)

Breaking load: 37 kN

Material: Stainless steel (AISI 316)

tested for INNOTECH® lifeline systems



SZH | INTERMEDIATE BRACKET

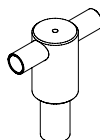
AIO-SZH-13

INTERMEDIATE BRACKET, NOT TRAVERSABLE (EN 795 C)

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

Connection: Thread Ø 16mm

Material: stainless steel (AISI 304)



ACCESSORY

Y-STRETCH

DOUBLE-STRAND LANYARD MADE OF STRETCH BELT WITH
STRETCH CONSTRUCTION AND SHOCK ABSORBER

Material: 33mm stretch belt

Plastic: Polyamide, PES polyester

Fittings: aluminium, steel

Colour: orange/black

Weight: 1.68kg

Lengths: 1.05m/1.5m/2m

Temperature: -35°C to 40°C

Standard: EN 354, EN 355



*FOR USE AS A RESTRAINT,
FALL ARREST, AND RESCUE SYSTEM*

*SIMPLE INSTALLATION THANKS TO
UNIVERSALLY USABLE*

SYSTEM COMPONENTS

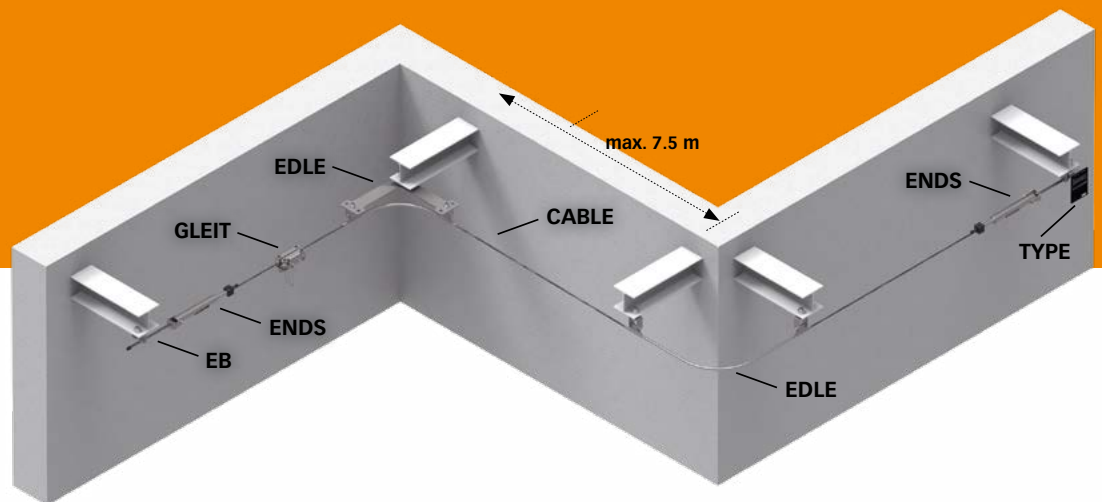
*SIMPLE PRODUCT SELECTION AND
INSTALLATION BY MEANS
OF COMBINATION END LOCK*

AIO / LIFELINE SYSTEM / facade non-passable

RESTRAINT, FALL ARREST, AND RESCUE SYSTEM

AIO LIFELINE SYSTEM

Passable overhead



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

- For use as restraint, fall arrest, and rescue system
- Universal components ensure optimum adjustment to complex structural shapes indoors and outdoors
- Optimum fastening options on all substructures
- Minimum cable sag thanks to constant spring pre-tension
- Reduced installation effort due to wide post spacings up to 7.5 m
- Simple to inspect because of viewing window in the revolutionary end lock, and the indicator clip
- All lifeline system components manufactured from high-quality stainless steel

The modular system components enable simple and defect-free installation. The innovative design allows the lifeline system to be used without inconvenient detaching or reconnecting.

- Simple to install thanks to universally usable system components
- Accessibility to the lifeline system without detaching or reconnecting
- Certification to the latest state of the art:

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

Passable

TYP | RATING PLATE

AIO-TYP-20

RATING PLATE, AIO LIFELINE SYSTEM, TRAVERSABLE (EN 795 C)

Designation: Horizontal lifeline system
Material: Stainless steel (AISI 316), plastic

Various fastening options

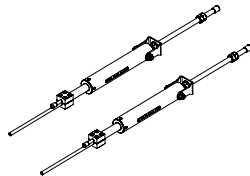


AIO-ENDS-10

END LOCK SET, AIO LIFELINE SYSTEM, TRAVERSABLE (EN 795 C)

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

Material: stainless steel (AISI 304), aluminium (anodised)



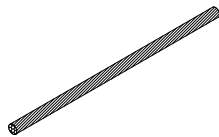
SEIL | STAINLESS STEEL CABLE

AIO-SEIL-30

STAINLESS STEEL CABLE (EN 795 C)

Dimensions: Ø 8mm (7 x 7)
Breaking load: 37 kN
Material: Stainless steel (AISI 316)

tested for INNOTECH® lifeline systems



EB | END LOCK FASTENING

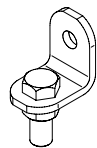
AIO-EB-10

END LOCK FASTENING, SHORT (EN 795 C)

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

Connection: Thread M16

Material: stainless steel (AISI 304)



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

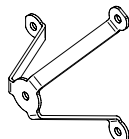
AIO-EB-12

END LOCK FASTENING, FACADE (EN 795 C)

Substructure: facade, 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

In the case of weathered facades or thermal insulation, no high-load anchors (BEF-104-A4) may be used. (use 3x adhesive anchor M12)

END LOCK FASTENING

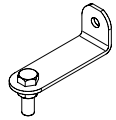
AIO-EB-15

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

Substructure: AIO-STA, 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°

SZH | INTERMEDIATE BRACKET

AIO-SZH-10

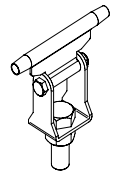
INTERMEDIATE BRACKET, TRAVERSABLE (EN 795 C)

Substructure: AIO-STA, 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 travelling eyebolt

AIO-SZH-90-100 WOOD

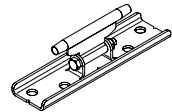
INTERMEDIATE BRACKET, FACADE, TRAVERSABLE

Substructure: facade, wood

Function range: 220°

Material: stainless steel (AISI 304)

Available in various lengths



Available on request only!

EDLE | CORNER PASS-THROUGH ELEMENTS

AIO-EDLE-50

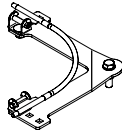
CORNER PASS-THROUGH ELEMENT, TRAVERSABLE (EN 795 C)

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

Application: Inside or outside 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

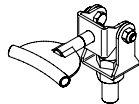
CORNER PASS-THROUGH ELEMENT, 135°, TRAVERSABLE (EN 795 C)

Substructure: AIO-STA, 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

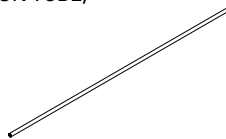
CORNER PASS-THROUGH ELEMENT, EXTENSION TUBE, TRAVERSABLE (EN 795 C)

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 AIO-EDLE-12/13/17/18.

AIO-EDLE-16-90

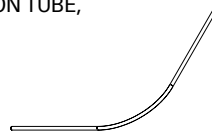
CORNER PASS-THROUGH ELEMENT, EXTENSION TUBE, TRAVERSABLE (EN 795 C)

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 AIO-EDLE-12/13/17/18.

AIO-EDLE-17

CORNER PASS-THROUGH ELEMENT, OFFSET ON BOTH SIDES, TRAVERSABLE (EN 795 C)

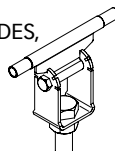
Substructure: AIO-STA, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

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
 Variably adjustable angle

CORNER PASS-THROUGH ELEMENTS

AIO-EDLE-18

CORNER PASS-THROUGH ELEMENT, OFFSET ON ONE SIDE, TRAVERSABLE (EN 795 C)

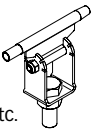
Substructure: AIO-STA, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Inside or outside 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
 Variably adjustable angle

AIO-EDLE-19

CORNER PASS-THROUGH ELEMENT, VARIABLE OFFSET UP TO 135°, TRAVERSABLE (EN 795 C)

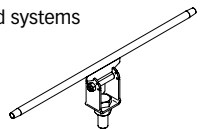
Substructure: AIO-STA, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Application: Inside or outside corner sets and overhead systems

Connection: Thread M16

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

Material: stainless steel (AISI 304)



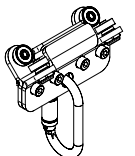
Deflection angles of 0°, 180° to 135° are possible
 Suitable bending device or flaring tool required

AIO-GLEIT-11

MOBILE ANCHORAGE POINT/ROLLER TRAVELLING EYEBOLT

NOT DETACHABLE, NOT CURVE-COMPATIBLE (EN 795 C)

Material: Stainless steel (AISI 304)



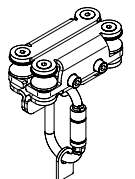
suitable for traversing the pass-through elements in the overhead lifeline system (intermediate brackets)

AIO-GLEIT-12

MOBILE ANCHORAGE POINT/ROLLER TRAVELLING EYEBOLT FOR CURVES

NOT DETACHABLE, 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)

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of tenders

Building site
inspection

Planning

Execution

Documentation

Inspection



Automatic reminder

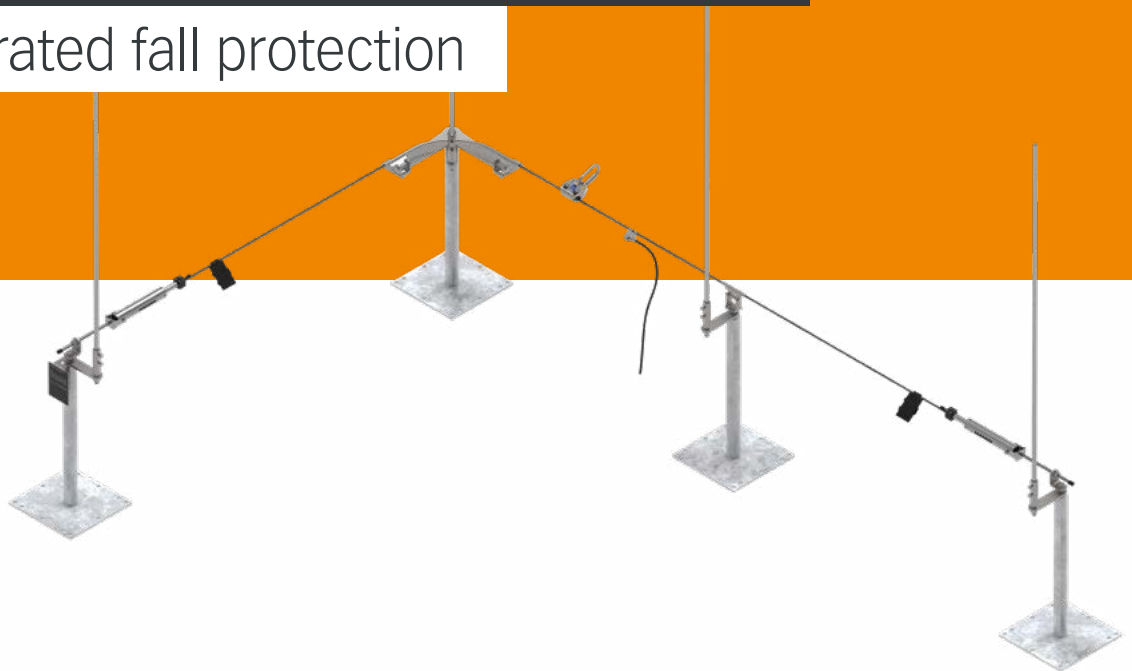
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BIA LIGHTNING PROTECTION

LIGHTNING PROTECTION

with integrated fall protection



In cooperation with the Oö lightning protection company, INNOTECH has developed the new BIA lightning protection system. Through the existing system tests for all lightning protection classes, the components listed fulfil the lightning protection requirements of the European standard "ÖVE/ÖNORM EN 62305

Part 3 Lightning protection - Physical damage to structures and life hazard". Because of the integration of the fall protection into the lightning protection system, the installation time falls significantly, and unnecessary stumbling events are reduced.

The BIA fall and lightning protection system is the only tested system on the market. Combinable with all other components of the AIO lifeline system (EB, SZH, EDLE, GLEIT)

- Short installation time
- Fewer roof perforation
- Reduced number of stumbling events on the roof
- Fewer interfaces on the construction site
- A single maintenance partner/contract
- Tested lightning protection in combination with fall protection
- BIA-AIO-SYSTEMS are tested against lightning current (certificate)
- Cost savings up to 30% in combination
- Certification to the latest state of the art:
ÖVE/ÖNORM EN 62305-3
Lightning protection class 1-4

BIA components

Information about planning and implementation:

The implementation of the BIA products must follow a joint plan (lightning protection in combination with fall protection). This is the only way to ensure that all legal requirements are fulfilled and that the system benefits are realised in full. Installations of fall protection systems must be matched with existing building lightning protection, because incorrect installation can disable the effects of the lightning protection system.

END LOCK

BIA-CONNECT END LOCK SET (795 C)

Material: Stainless steel, aluminium

Complete set for cable span, with integrated lightning strike detector at each end of the cable span, incl. rating plate. Constant spring pre-tensioning, and fall indicator clamp.



STAINLESS STEEL

SEIL-30 STAINLESS STEEL CABLE (795 C)

Dimensions: Ø 8mm (7 x 7)
Breaking load: 37 kn
Material: stainless steel
Lightning current-tested cable for the fall protection system
Tested for BIA-SYSTEM - mandatory!



ASSOCIATED EQUIPMENT

BIA-FAN-SEILKL CABLE CLAMP

Material: stainless steel
Flexible EQUIPOTENTIAL CABLE FOR LIGHTNING PROTECTION for BIA horizontal lifeline system.
8 mm, traversable with travelling eyebolt; lightning current-tested as per OVE/ONORM EN 62305-3



BIA-FAN-FANG LIGHTNING ROD

Length: 2.5/3 m
Material: aluminium



POSTS

BIA-FAN-12 STANDARD POST (795 C)

Substructure: Concrete, hollow concrete slab, steel construction, etc.
Post dimension: Ø 48 mm
Base plate dimensions: 300 x 300 x 8 mm
Post length: 600, 800, or 1000 mm
Material: Steel (galvanised)



BIA-FAN-AUSL IS INCLUDED IN THE DELIVERY
BIA-FAN-FANG and **SZH** ARE NOT INCLUDED IN THE DELIVERY

BIA-AIO-SYST END/CORNER POINT, INTERMEDIATE BRACKET, ETC. (795 C)

Substructure: Standing seam roofs
Material thickness: steel (at least 0.5 mm), titanium zinc (at least 0.7 mm), aluminium (at least 0.7 mm), stainless steel (at least 0.5 mm)
Profile width: 410 to 610 mm
Material: Aluminium/stainless steel



BIA-FAN-AUSL IS INCLUDED IN THE DELIVERY
BIA-FAN-FANG and **SZH** ARE NOT INCLUDED IN THE DELIVERY

BIA-AIO-FALZ END/CORNER POINT, INTERMEDIATE BRACKET, ETC. (795 C)

Substructure: standing seam roof systems
Material thickness: aluminium, copper, titanium zinc, stainless steel, etc. (min. 0.6 mm)
Profile width: 520 to 790 mm
Material: stainless steel

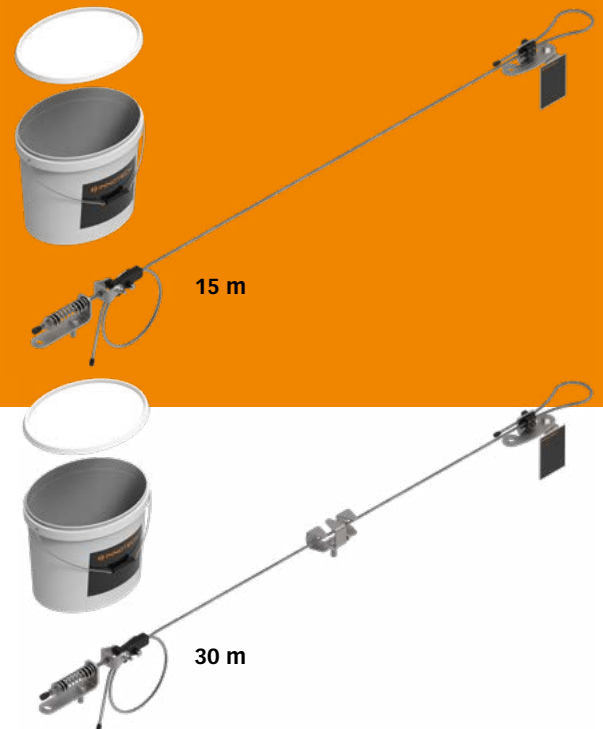


BIA-FAN-AUSL IS INCLUDED IN THE DELIVERY
BIA-FAN-FANG and **SZH** ARE NOT INCLUDED IN THE DELIVERY

PRACTICAL PACKAGING

KIT BOX

Horizontal lifeline system



The pre-assembled horizontal lifeline system KIT BOX, in a practical reusable packaging, is outstandingly suited for rapid, simple, and flexible installation on various substructures.

- Pre-assembled horizontal lifeline system
- Two system lengths (15 m/30 m)
- Simple to install because of standardised system components
- Integrated shock absorber and constant spring pre-tension

Approved for 4 people (including 1 person for provision of first-aid), it is ideal for use on building/construction sites of all types (steel, facades, warehouse and bridge construction, etc.).

- The special shock absorber reduces the forces on the end points to a minimum in the event of a fall
- No training required
- All products in one bucket (easy to transport)
- Certification to the latest state of the art:

EN 795 TYPE C

Horizontal lifeline system

Ideal on all types of construction sites
(steel, facades, halls, bridges, etc.).

Approved for 4 people
(including 1 person for provision of first aid)

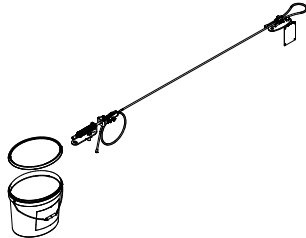
KITBOX | KIT BOX

KIT-BOX-15

PRE-ASSEMBLED HORIZONTAL LIFELINE SYSTEM (EN 795 C)

Material: stainless steel (AISI 304),
aluminium (anodised), plastic
Length: 15 m

Complete set:
1x end lock set
Stainless steel cable

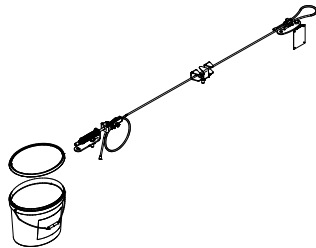


KIT-BOX-30

PRE-ASSEMBLED HORIZONTAL LIFELINE SYSTEM (EN 795 C)

Material: Stainless steel V2A (AISI 304),
aluminium (anodised), plastic
Length: 30 m

Complete set:
1x end lock set
Stainless steel cable
1x LIFELINE KIT SZH-10
(intermediate bracket)



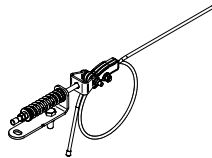
ENDS | END LOCK

END LOCK

PRE-ASSEMBLED (EN 795 C)

For a straight cable span, with integrated
shock force absorption

Material: stainless steel (AISI 304), aluminium (anodised)

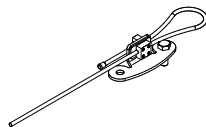


END LOCK

VARIABLE (EN 795 C)

For a straight cable span, with integrated
shock force absorption

Material: stainless steel (AISI 304), aluminium (anodised)

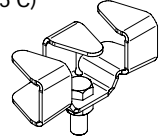


SZH | INTERMEDIATE BRACKET

LIFELINE-KIT-SZH-10

KIT - INTERMEDIATE BRACKET, TRAVERSABLE (EN 795 C)

Material: stainless steel (AISI 304)
Substructure: AIO-STA, AIO-FALZ, AIO-SAND,
AIO-VARIO, AIO-SYST, etc.
Connection: Thread M16



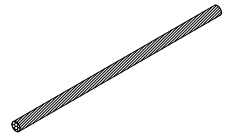
Suitable for installation on posts – traversable only with steel carabiner
Hex bolt M16 x 45 mm and hex nut M16 included in the scope of delivery

SEIL | STAINLESS STEEL CABLE

AIO-SEIL-30

STAINLESS STEEL CABLE (EN 795 C)

Material: Stainless steel (AISI 316)
Dimensions: Ø 8 mm (7 x 7)
Breaking load: 37 kN



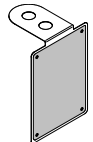
Tested for INNOTECH lifeline system

TYP | RATING PLATE

KIT-BOX-TYP-10

RATING PLATE, HORIZONTAL LIFELINE SYSTEM,
WITH INNOTECH ORIGINAL CARABINER
TRAVERSABLE (EN 795 C)

Material: Stainless steel (AISI 316), plastic
Designation: Horizontal lifeline system



TEMPORARY PROTECTION ON THE ROOF

TFS-SYSTEM

Temporary ridge safety system



The temporary ridge safety system from INNOTECH is the perfect protective measure when setting up roof trusses. On the ground, the system is already attached to the wooden construction of the roof truss, and it provides protection to the installer on the ridge while he performs his work. In combination with personal protective equipment against falls from a height, the TFS system from INNOTECH

is one of the safest solutions on the market. This system is characterised in particular through its time and cost efficiency, because it is possible to do without setting up additional scaffolding or fall protection nets indoors. Delivery as individual components means that defective or worn parts can be replaced economically.

- Lifeline system with end lock and energy absorber
- Can be used for ridge heights greater than 4.5 m
- Can be stretched freely up to 15 m
- Can be extended to 30 m using an intermediate post
- Variably adjustable depending on wood dimensions

- Integrated shock force absorption
- Individual components are simple to replace
- Certification to the latest state of the art:

EN 795:2012 TYPE C

Temporary ridge safety system

TFS | TEMPORARY RIDGE SAFETY SYSTEM

AIO-STA-11-470

SYSTEM POST

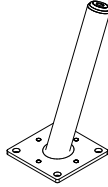
Substructure: Concrete, wood, trapezoidal supporting sheet, steel construction, etc.

Post dimensions: 470 mm, Ø 48 mm

Base plate dimensions: 150 x 150 x 8 mm

Inclination: 68 degrees

Material: galvanised steel



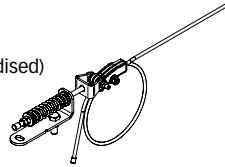
2x AIO-STA-11-470 included

AIO-ENDS-50

END LOCK, AIO LIFELINE SYSTEM, NOT TRAVERSABLE (EN 795 C)

For a non-traversable cable span, with integrated shock force absorption

Material: Stainless steel (AISI 316), aluminium (anodised)



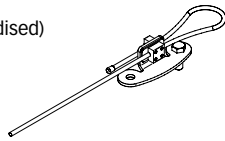
1x AIO-ENDS-50 included

AIO-ENDS-51

END LOCK, AIO LIFELINE SYSTEM, NOT TRAVERSABLE (EN 795 C)

For a non-traversable cable span, with integrated shock force absorption

Material: Stainless steel (AISI 316), aluminium (anodised)



To be used only in combination with AIO-ENDS-50, with a straight cable span

1x AIO-ENDS-51 included

AIO-SEIL

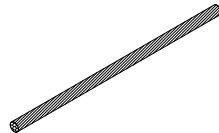
STAINLESS STEEL CABLE (EN 795 C)

Dimensions: Ø 8mm (7 x 7)

Length: 16.5 m

Breaking load: 37 kN

Material: Stainless steel (AISI 316)



Tested for INNOTECH® lifeline system

1x AIO-SEIL included

TFS | ASSOCIATED EQUIPMENT

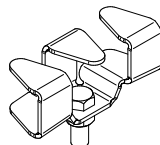
LIFELINE-KIT-SZH-10

INTERMEDIATE BRACKET, TRAVERSABLE (EN 795 C)

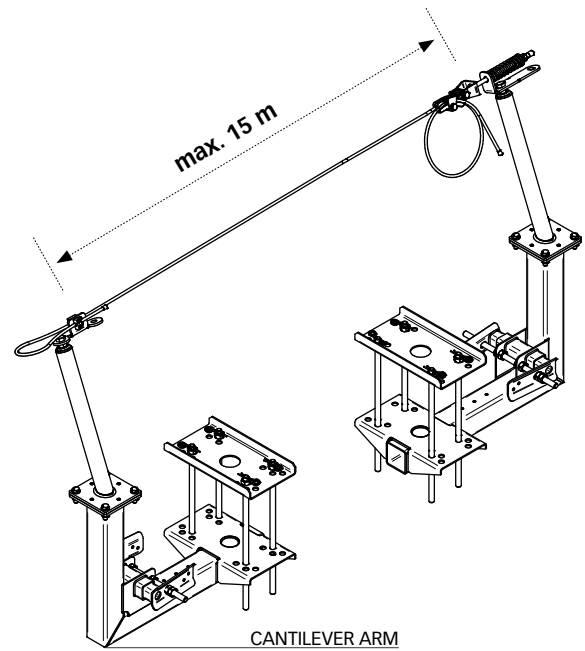
Substructure: AIO-STA, AIO-STX, AIO-FALZ, AIO-SAND, AIO-VARIO, AIO-SYST, etc.

Connection: Thread M16

Material: stainless steel (AISI 304)



Suitable for installation on posts traversable only with steel carabiner



ASSOCIATED EQUIPMENT

STRING-1

Sizes: Universal

Max. rated load: 130 kg



Extendable basic harness (1kg) with automatic lock, in carrying pouch

PSA-BRAKE

MOBILE ANCHORAGE POINT/TRAVELLING EYEBOLT

Lengths: 2/5/10/15/20/25 m

PSA-BRAKE-2 without integrated shock absorber for:

Restraint system (EN 354)

Positioning system (EN 358)



From PSA-BRAKE-5 with integrated shock absorber for:

Fall arrest system/restraint system (EN 353-2)

Positioning system (EN 358)

Temporary horizontal lifeline system (EN 795)

Special lengths on request only!

EAP-SLING-10

MOBILE ANCHORAGE POINT/TRAVELLING EYEBOLT

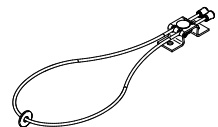
Substructure: Wood (min. 10/12 cm or 8/8 cm + min. 20 mm wooden formwork)

Cable diameter: Ø 5 mm, stainless steel (AISI 304)

Slings length: 400 mm

Packaging unit: 1 unit/10 units

Material: galvanised steel, stainless steel (AISI 304)



Minimum perforation depth into the statically load-bearing construction: 100 mm or 80 mm

TYP | RATING PLATE

AIO-TYP-50

RATING PLATE, AIO LIFELINE SYSTEM, NOT TRAVERSABLE (EN 795 C)

Designation: Horizontal lifeline system

Material: Stainless steel (AISI 316), plastic

Various fastening options



VERTICAL LIFELINE SYSTEM

VERT-SET-50

Lifeline system



The VERT-SET-50 from INNOTECH is the innovation in vertical lifeline systems. Once attached to the new travelling eyebolt, the user is able to ascend with even more freedom of movement, because the eyebolt slides unimpeded and free over the traversable system.

- Vertical lifeline system with projection to protect people from falling
- Traversable intermediate bracket for unimpeded access
- Accessibility to the lifeline system without detaching or reconnecting
- User-friendly installation without special tools
- Flexible guiding through vertical curves is possible

The particularly flexible system prevents incorrect use, and the core of the system, the new travelling eyebolt, has an innovative safety function.

- No safety cage required for the vertical lifeline system
- Slider has new safety function – use in the incorrect direction is not possible
- Certification to the latest state of the art:

EN 353-1:2014

Complete vertical set

ATTENTION: As per standard EN 353-1:2014, vertical lifeline systems may be placed on the market only as complete systems, i.e. with VERT-GLEIT-50, VERT-SET-50, and AIO-SEIL-30 (see item 3 of the standard).

Extended profile for an optimum transition to the roof surface

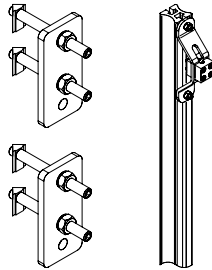
VERT-SET | COMPLETE VERTICAL SET

VERT-SET-50

ATTACHMENT AT TOP

Material: Stainless steel (AISI 304), aluminium
Substructure: Ladder
Rung dimensions: max. 45 x 45 mm, Ø 45 mm

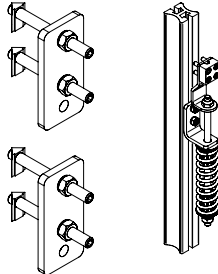
Additional safety attachment
to the building structure (VERT-SAFE-50) optional



ATTACHMENT AT BOTTOM

Material: Stainless steel (AISI 304), aluminium
Substructure: Ladder
Rung dimensions: max. 45 x 45 mm, Ø 45 mm

Additional safety attachment
to the building structure (VERT-SAFE-50) optional



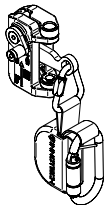
GLEIT | TRAVELLING EYEBOLT

VERT-GLEIT-50

MOBILE ANCHORAGE POINT/TRAVELLING EYEBOLT, REMOVABLE, CURVE COMPATIBLE (EN 353-1:2014)

Material: stainless steel (AISI 304), (AISI 316)

Can be installed and removed at any point in the vertical lifeline system, with integrated shock force absorption, suitable for traversing the pass-through elements (intermediate brackets and curved elements)



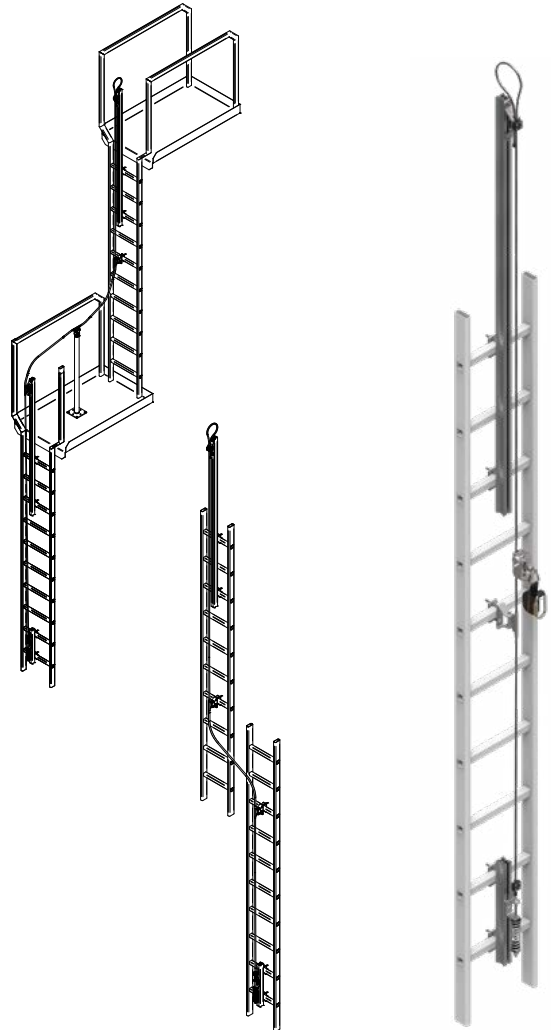
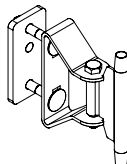
SZH | INTERMEDIATE BRACKET

VERT-SZH-50

INTERMEDIATE BRACKET, VERTICALLY TRAVERSABLE

Material: stainless steel (AISI 304)
Substructure: Ladder, aluminium/steel construction
Rung dimensions: max. 45 x 55 mm, Ø 45 mm

Intermediate bracket separation 5 m



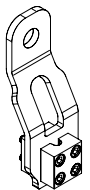
INTERMEDIATE BRACKETS

VERT-SAFE-50

REDUNDANT SECURING

Material: Aluminium 5754

For more security additional attachment
on the building structure.
Absolutely essential when the ladder rungs
cannot withstand a force of 16kN (as per EN 353-1)

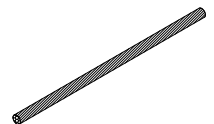


AIO-SEIL-50

CABLE OF STAINLESS STEEL (EN 795 C)

Material: Stainless steel (AISI 316)
Dimensions: Ø 8mm (7 x 7)
Breaking load: 37 kN

Tested for INNOTECH lifeline system



TYP | RATING PLATES

VERT-TYP-50

RATING PLATE, VERTICAL LIFELINE SYSTEM, (EN 795 C)

Dimensions: 3 x 12 cm
Material: Plastic

Is stuck onto VERT-SET-50



EAP-STABIL-10/AIO-STA-10

STABIL-10 | STA-10

Single anchor point & system post



The STABIL-10 single anchor point and the STA-10 system post have a very high base stability, and provide multiple

of implementation options on almost all substructures.

- EAP STABIL-10 is an ideal single anchor point for personal safety
- AIO-STA-10 is optimal as an end/corner post in the INNOTECH cable and rail system
- Fastening spacings up to 15 m are possible in the lifeline system
- Abseiling eye EAP-ABP-10-30, also suitable for abseiling (up to 600 mm length)
- High base stability and low force introduction, thanks to plastic deformation

- Certification to the latest state of the art:

EN 795:2012 TYPES A and C

CEN/TS 16415:2013

DIBt general building inspectorate approval



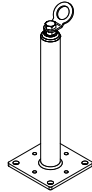
EAP | AIO

EAP | SINGLE ANCHOR POINT

EAP-STABIL-10

SINGLE ANCHOR POINT WITH
ROTATING ANCHORAGE EYE (EN 795 A)

Post heights: 400 mm/600 mm, Ø 48 mm
Base plate dimensions: 150 x 150 x 8 mm
Material: galvanised steel / stainless steel (AISI 304)

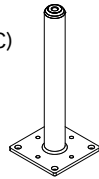


AIO | SYSTEM POST

AIO-STA-10

END/CORNER POST IN THE AIO LIFELINE SYSTEM (EN 795 C)

Post heights: 400 mm/600 mm/800 mm, Ø 48 mm
Base plate dimensions: 150 x 150 x 8 mm
Material: galvanised steel

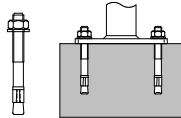


BEF | FASTENING SET - CONCRETE

BEF-104-A4

ANCHOR BOLTS, CONCRETE (MIN. C20/25) –
CRACKED AND NON-CRACKED

Material: Stainless steel (AISI 316)
Contents: 4x anchor bolts
FISCHER FAZ II 12/10 A4
Drilling depth: min. 105mm (Ø 12mm)

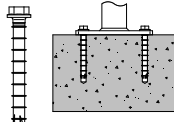


BEF-111

SCREW-IN ANCHOR
CONCRETE (MIN. C20/25)

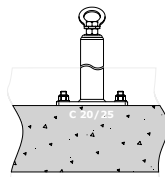
Material: galvanised steel
Contents: 4x HILTI HUS3-H 10 x 90 VZ screw-in anchors

Drilling depth: min. 95 mm (Ø 10mm)



ADHESIVE ANCHOR

Contents: 4x M12 threaded rods
4x washers
4x M12 lock nuts or
4x nuts with spring-lock washer
Perforation depth: at least 100mm
Compound mortar: FISCHER FIS SB 390 S, HILTI HY 200



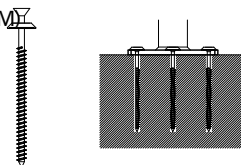
BEF | FASTENING SET - WOOD

BEF-201

WOODWORKING SCREWS
WOOD – WOODEN RAFTER (MIN. 16 X 16 CM)

Material: galvanised steel
Contents: 8x woodworking screws (8 x 140 mm)
8x washers (conical)

Minimum perforation depth into the statically
load-bearing wooden construction: 100 mm

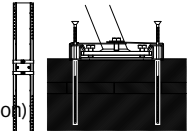


FASTENING SETS

BEF-203

PITCHED ROOF RAIL
WOOD – PITCHED ROOF, WOODEN RAFTER (MIN. 8 X 10 CM)

Material: galvanised steel
Contents: 1x pitched roof rail (1250 x 195 x 35 mm)
8x woodworking screws (8 x 220 mm)
(including fastening accessories for post installation)

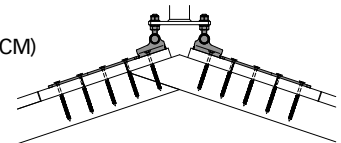


Minimum perforation depth into the statically load-bearing wooden
construction: 90 mm

BEF-206

RIDGE ADAPTER
WOOD – RIDGE INSTALLATION,
WOODEN RAFTER (AT LEAST 8 X 8 CM)

Material: galvanised steel

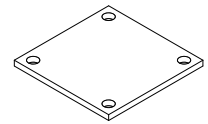


Cross-section of the supporting wood excluding wooden formwork, at least
80 x 80 mm,
Thickness of wooden formwork: 20 mm
Minimum perforation depth into the statically load-bearing wooden construction: 80 mm

BEF-401-10

COUNTER PLATE (150 X 150 X 8 MM)

Material: galvanised steel
Max. width: 105 mm

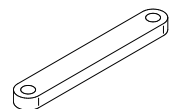


Suitable fastening accessories included in the scope of delivery.

BEF-403

COUNTER SLAT (140 X 20 X 10 MM)

Material: galvanised steel
Packaging unit: 2 items
Max. width: 105 mm



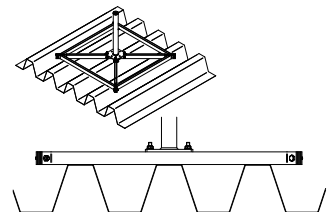
Suitable fastening accessories included in the scope of delivery.

BEF | FASTENING SET - TRAPEZOIDAL SHEETING

BEF-303

FASTENING FRAME
TRAPEZOIDAL SUPPORTING SHEET

Material: galvanised steel
Dimensions: 840 x 840 x 40 mm
Sheet steel thickness: at least 0.6 mm



Enables optimum load distribution over the trapezoidal sheeting,
very varied options for use

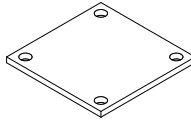
Different possibilities for combining with BEF-303-1 or BEF-303-3

BEF | FASTENING SET - STEEL

BEF-401-10

COUNTER PLATE (150 X 150 X 8 MM)

Material: galvanised steel
 Max. width of steel construction:
 105 mm

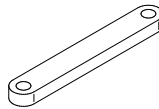


Suitable fastening accessories included in the scope of delivery.

BEF-403

COUNTER SLAT (140 X 20 X 10 MM)

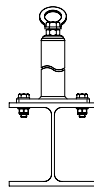
Material: galvanised steel
 Packaging unit: 2 items
 Max. width: 105 mm



Suitable fastening accessories included in the scope of delivery.

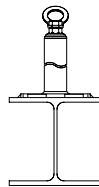
STEEL BOLTS

4x steel bolt M12, steel quality ≥ 5.6
 4x lock nuts M12 or 4x nuts with
 spring-lock washer; use suitable washers
 on the 4 corner bores



WELDING

Weld seam at least A5 and 80 mm length
 for each base plate side
 Before welding, remove powder coating and
 zinc coating correctly

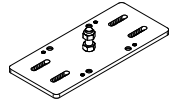


FASTENING SETS

BEF-830-03

FASTENING SET FOR I-BEAM STRUCTURES

Material: galvanised steel
 Flange width: 180 to 260 mm

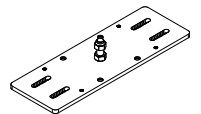


Can only be used in combination with BEF-840/841

BEF-830-04

FASTENING SET FOR I-BEAM STRUCTURES

Material: galvanised steel
 Flange width: 260 to 350 mm

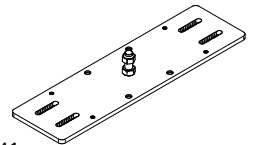


Can only be used in combination with BEF-840/841

BEF-830-05

FASTENING SET FOR I-BEAM STRUCTURES

Material: galvanised steel
 Flange width: 350 to 450 mm

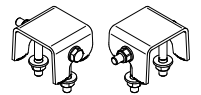


Can only be used in combination with BEF-840/841

BEF-840

FASTENING SETS FOR BEF-830-XX

Material: galvanised steel
 Flange thickness: 8 to 26 mm

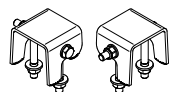


Can only be used in combination with BEF-830-01/02/03/04/05

BEF-841

FASTENING SETS FOR BEF-830-XX

Material: galvanised steel
 Flange thickness: 24 to 40 mm



Can only be used in combination with BEF-830-01/02/03/04/05

MULTIPLE USES
ON ALMOST ALL SUBSTRUCTURES

AIO-STABIL

MAX AICHER ARENA
Inzell, Austria



- Ideal single anchor point for personal safety
- Post spacings up to 15 m possible in the lifeline system
- High base stability and low force introduction, thanks to plastic deformation

MORE SAFETY.
MORE INFORMATION.
MORE FROM LIFE!

INNO|training
INNO|school
INNO|plan
INNO|doc

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AIO

AIO-STA-12

Universal post



The AIO-STA-12 universal post from INNOTECH can be used as a single anchor point and a system post in the AIO lifeline

system. The very varied fastening sets make it possible to install the post on almost all substructures.

- AIO-STA-12 is optimal as an end/corner post in the INNOTECH lifeline and rail system.
- With abseiling eye EAP-ABP-10-30, it is also suitable for abseiling (up to 600 mm length)
- High base stability and low force introduction, thanks to plastic deformation
- Post spacings up to 15 m are possible in the lifeline system
- Also available in A4 stainless steel upon request

- Certification to the latest state of the art:

EN 795:2012 TYPES A and C

CEN/TS 16415:2013

DIBt general building inspectorate approval



AIO | SYSTEM POST

AIO-STA-12

END, CORNER, AND INTERMEDIATE POST

Substructure: Concrete, hollow concrete slab, trapezoidal supporting sheet, steel construction, etc.
Post heights: 400/600/800 mm, Ø 48 mm
Base plate dimensions: 300 x 300 x 8 mm
Material: galvanised steel



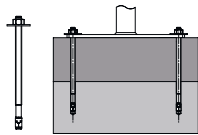
Thermal insulation cap and sealing sleeve included in product accessories
Order a suitable fastening set at the same time

BEF | FASTENING SET - CONCRETE

BEF-102

ANCHOR BOLTS, CONCRETE (MIN. C20/25) - SOLID CONCRETE WITH SLOPE COMPENSATION

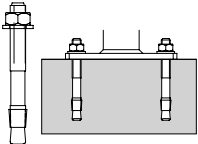
Material: galvanised steel
Contents: 4x anchor bolts
FISCHER FBN 12/120 + 140



BEF-104-A4

ANCHOR BOLTS, CONCRETE (MIN. C20/25) - CRACKED AND NON-CRACKED

Material: Stainless steel (AISI 316)
Contents: 4x anchor bolts
FISCHER FAZ II 12/10 A4

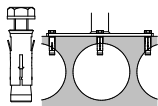


Drilling depth: min. 105mm (Ø 12mm)

BEF-107

HOLLOW CORE ANCHOR, HOLLOW CONCRETE SLAB (MIN. C50/60, B4)

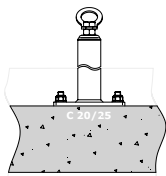
Material: galvanised steel
Contents: 8x hollow core anchors FISCHER FH-M10 x 52
8x hex bolts M10 x 60 (DIN 933)
8x washers (M10)



Cross section of hollow-core slab (concrete thickness) at least 30 mm

ADHESIVE ANCHOR

Contents: 4x M12 threaded rods
4x washers
4x M12 lock nuts or
4x nuts with spring-lock washer
Perforation depth: at least 100mm
Compound mortar: FISCHER FIS SB 390 S, HILTI HY 200

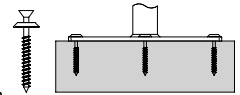


BEF | FASTENING SET - WOOD

2X BEF-209

WOODWORKING SCREW, SOLID WOOD CEILING (MIN. 80 MM)

Material: galvanised steel
Contents: 4x wood screws (8 x 80 mm)
4x washers (conical)

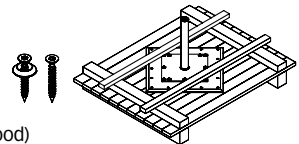


Thickness of the solid wood ceiling at least 80 mm
Use in combination with the AIO-STA-12 post 2x BEF-209

BEF-210

WOODWORKING SCREW, WOOD/OSB BOARD THICKNESS (MIN. 22 MM)

Material: wood, galvanised steel
Contents: 48x wood screws (6 x 50 mm)
12x washers (conical)
1x pressure regulation plate
(500 x 500 x 15 mm, plywood)



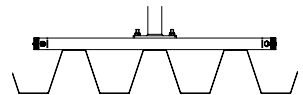
Product: AIO-STA-12
Thickness of wooden formwork: 24 to 30 mm.
Width of wooden formwork: 80 to 160 mm.
OSB board thickness at least 22 mm

BEF | FASTENING SET - TRAPEZOIDAL SHEETING

BEF-303

FASTENING FRAME, TRAPEZOIDAL SUPPORTING SHEET

Material: galvanised steel
Dimensions: 840 x 840 x 40 mm
Sheet steel thickness: at least 0.6 mm



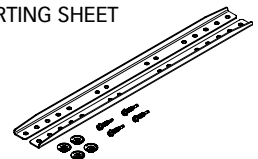
Enables optimum load distribution over the trapezoidal sheeting, very varied options for use, various combination options with BEF-303-1 or BEF-303-3

BEF-307-1

STABILISING LEDGE, TRAPEZOIDAL SUPPORTING SHEET

Sheet steel thickness: at least 0.63 mm

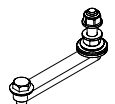
Product: EAP-QUAD-13, AIO-STA-12
Can only be used in combination with BEF-307



BEF-404

SCREW FASTENING, TRAPEZOIDAL SUPPORTING SHEET

Material: galvanised steel
Contents: 4x counter slats including screw material, sealing discs
Sheet steel thickness: at least 0.7 mm



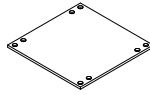
Can only be used to a limited extent in the AIO lifeline system (BEF-307-1)

BEF | FASTENING SET - COUNTERING

BEF-401-12

COUNTER PLATE, STEEL CONSTRUCTION
(150 X 150 X 8 MM)

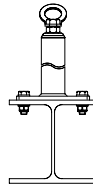
Material: galvanised steel



STEEL BOLTS

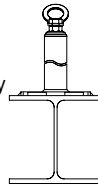
- 4x steel bolts M12, steel quality ≥ 5.6
- 4x M12 lock nuts or
- 4x nuts with spring-lock washer

Use suitable washers on the 4 corner bores



WELDING

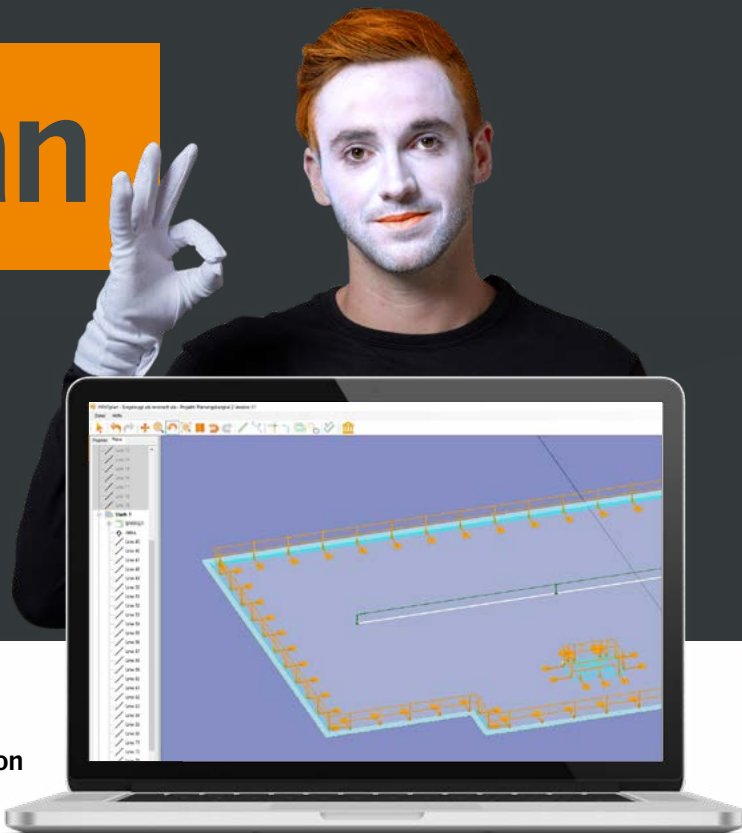
Weld seam at least A5 and 80 mm length for each base plate side
Before welding, remove powder coating and zinc coating correctly



THE INNOTECH PLANNING TOOL

INNO|plan

Efficient planning



TIME IS MONEY – USE INNO|PLAN

INNOTECH® – your full service provider for the invitation to tender and the planning of fall protection systems.

- Simple installation and use
- Individual user settings
- 3D view
- Enormous time-saving through automation
- Error reduction through integrated logic
- Automatic generation of parts lists
- Automated proposal generation by INNOTECH
- INNOTECH planning service online
- Project handover
- Regular updates about ongoing optimisation

Import of plans,
ortho-images,
sketches, or photos

Definition of
substructure, edges,
and roof surfaces

Selection of
products or
systems

Automatic generation
of parts lists and sub-
mission of proposals

Export of the plan
(pdf, dxf, dwg, ...)



The expertise of our staff is always state-of-the-art in terms of development and of legal requirements.

Regardless whether in terms of applicable standards and regulations, or the selection of the most economical

equipment variants.

Planned by our team, you will get a reliable fall protection that fits your building project perfectly.

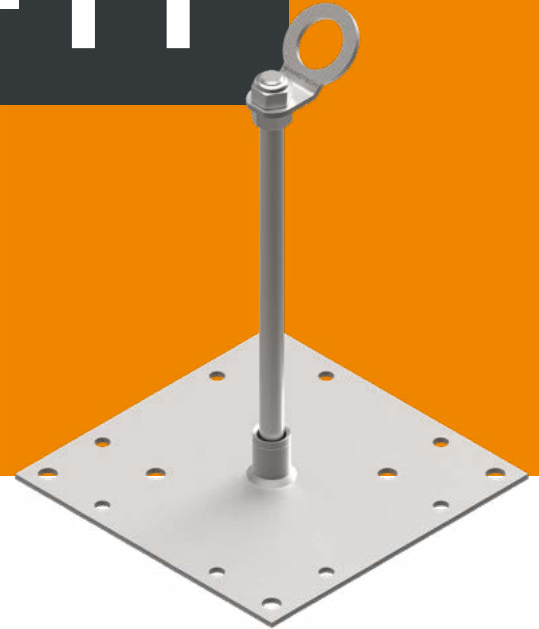
Contact our INNO|plan service team.

T: +43 7619 22122-222 | E: innoplan@innotech.at
www.innotech.at

EAP

EAP-QUAD-11

Universal post



The EAP-QUAD-11 universal post from INNOTECH can be used both as a single anchor point and as an intermediate post in the AIO lifeline system.

The very varied fastening sets make it possible to install the post on most substructures.

- Can be used universally as a single anchor point or as a system post
- Fastening spacings up to 15 m are possible in the lifeline system
- There is a suitable fastening set for every substructure
- Perfect as an intermediate post for the INNOTECH® lifeline system
- Material: Stainless steel A2 (AISI 304)

- Certification to the latest state of the art:

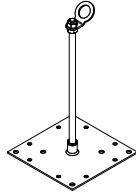
EN 795:2012 TYPES A and C
CEN/TS 16415:2013

EAP | SYSTEM POSTS

EAP-QUAD-11

SINGLE ANCHOR POINT WITH ROTATING ANCHORAGE EYE (EN 795 A)/INTERMEDIATE POST IN THE AIO LIFELINE SYSTEM (EN 795 C)

Material: stainless steel (AISI 304)
Substructure: Concrete, hollow concrete slab, wood, trapezoidal supporting sheet, OSB
Post heights: 400/600, Ø 16 mm
Base plate dimensions: 235 x 235 x 4 mm

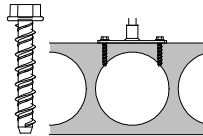


BEF | FASTENING SET - CONCRETE

BEF-103

SCREW-IN ANCHOR
CONCRETE (MIN. C20/25)
HOLLOW CONCRETE SLAB (MIN. C50-60, B4)

Contents: 4x HILTI HUS3-H screw-in anchors
8x 55 5VZ
Material: galvanised steel

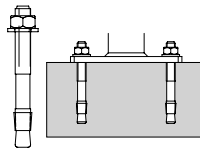


Drilling depth for concrete at least 60 mm (Ø 8 mm),
cross section of hollow-core slab (concrete thickness) at least 25 mm

BEF-104-A4

ANCHOR BOLT, CONCRETE (MIN. C20/25) -
CRACKED AND NON-CRACKED

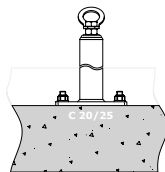
Material: Stainless steel (AISI 316)
Contents: 4x anchor bolts
FISCHER FAZ II 12/10 A4



Drilling depth: min. 105mm (Ø 12mm)

ADHESIVE ANCHOR

Contents: 4x M12 threaded rods
4x washers
4x M12 lock nuts or
4x nuts with spring-lock washer
Perforation depth: at least 100mm
Compound mortar: FISCHER FIS SB 390 S, HILTI HY 200

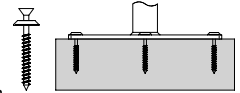


BEF | FASTENING SET - WOOD

BEF-209

WOODWORKING SCREW, SOLID WOOD CEILING (MIN. 80 MM)

Material: galvanised steel
Contents: 4x wood screws (8 x 80 mm)
4x washers (conical)

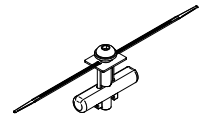


Thickness of the solid wood ceiling at least 80 mm
Use in combination with the AIO-STA-12 post
2x BEF-209
Product: EAP-QUAD-11/AIO-STA-12

BEF-307

SPECIAL ANCHOR, WOOD - OSB

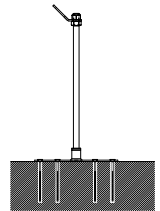
Material: stainless steel (AISI 304), plastic
Contents: 4x special anchors
OSB board thickness: 18 to 30 mm



BEF-205

WOODWORKING SCREWS, WOOD SANDWICH

Contents: 4x woodworking screws (8 x 120 mm)
8x woodworking screws (6 x 40 mm)
Material: galvanised steel

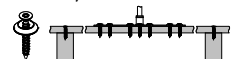


Cross-section of the supporting wood excluding wooden formwork at least 80 x 100 mm, thickness of wooden formwork 20 mm
Minimum perforation depth into the statically load-bearing wooden construction: 95 mm

BEF-208

WOODWORKING SCREWS
WOOD – ROUGH FORMWORK (AT LEAST 80 X 24 MM)

Material: galvanised steel
Contents: 25x woodworking screws (6 x 50)
14x washers (conical)



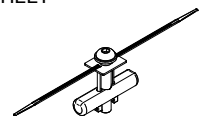
Thickness of the wooden formwork 24 – 30 mm
Width of the wooden formwork 80 – 160 mm

BEF | FASTENING SET - TRAPEZOIDAL SHEETING

BEF-307

SPECIAL ANCHOR, TRAPEZOIDAL SUPPORTING SHEET

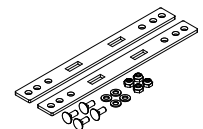
Material: Stainless steel V2A (AISI 304), plastic
Contents: 4x special anchors
OSB board thickness: 18 to 30 mm
Sheet steel thickness: at least 0.63 mm



BEF-307-3

ADAPTER STRIP,
TRAPEZOIDAL SUPPORTING SHEET

Sheet steel thickness: at least 0.63 mm
Product: EAP-QUAD-13

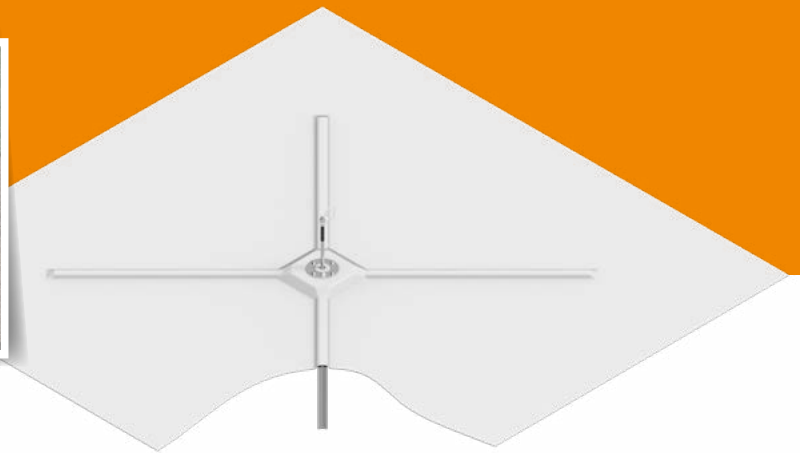


Can only be used in combination with BEF-307

NEW FOR GREEN AND GRAVELLED ROOFS

QUAD-30-300

Self supporting – (system) post



The new self supporting post QUAD-30 from INNOTECH was specially developed for green and gravelled roofs.

The installation is without roof perforation which is a huge advantage of this product. There are no interventions into the building's physics and the associated avoidance of cold spots.

With the product development of QUAD-30, INNOTECH combines security sustainability and offers a visually unobtrusive solution for fall protection on environmentally friendly green roofs.

- For green and gravelled roofs
- Single anchor point or end-/corner or intermediate post in the INNOTECH rail system
- Self supporting through substrate or gravel
- Quick and easy installation independent of the roof construction
- Installation without roof perforation, without interventions into the building's physics (no cold spots), no scouring or gluing work required jederzeit dachdurchdringungsfrei nachrüstbar
- Nutzungsdauer Vlies: max. 100 Jahre
- When used as single anchor point, a UNI-EAP-10-25 must be additionally ordered
- Post spacing max. 3 m when used with Taurus rail system.
- Certified according to the latest standards:
EN 795:2012 TYP D and E

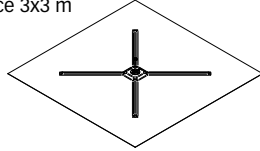
Self supporting – (system) post

QUAD | GREEN ROOF POST

QUAD-30-300

SELF SUPPORTING (SYSTEM) POST FOR RAIL SYSTEM ANCHOR POINT ON GREEN AND GRAVELLED ROOFS

Material: Stainless steel V2A (AISI 304), PP-fleece 3x3 m
Mountable on: green and gravelled roof
Auflast: $\geq 56 \text{ kg/m}^2$
Bearing load: $\geq 56 \text{ kg/m}^2$
Post dimensions: 300 mm, $\varnothing 16 \text{ mm}$
Base plate size: 235 x 235 x 4 mm



*QUICK AND EASY INSTALLATION
INDEPENDENT OF THE ROOF
CONSTRUCTION*

*UPGRADABLE WITHOUT ROOF
PERFORATION AT ANY TIME*

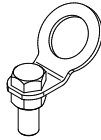
*SELF SUPPORTING THROUGH
SUBSTRATE OR GRAVEL*

ACCESSORY

UNI-EAP-10-25

UNIVERSAL ANCHORAGE EYE

Substructure: QUAD-30-300
Usable thread length: 29 mm
Thread: M16 (DIN 933, ISO 4017)
Material: Stainless steel V2A (AISI 304)



QUAD-30 / Self supporting – (system) post

AIO

AIO-BKS

Assembly kit post



Using the BKS assembly kit post from INNOTECH, only a stop shaft is required for securing all further components in the horizontal lifeline system. The economical BKS assembly kit post is made up of two components, and is used in the

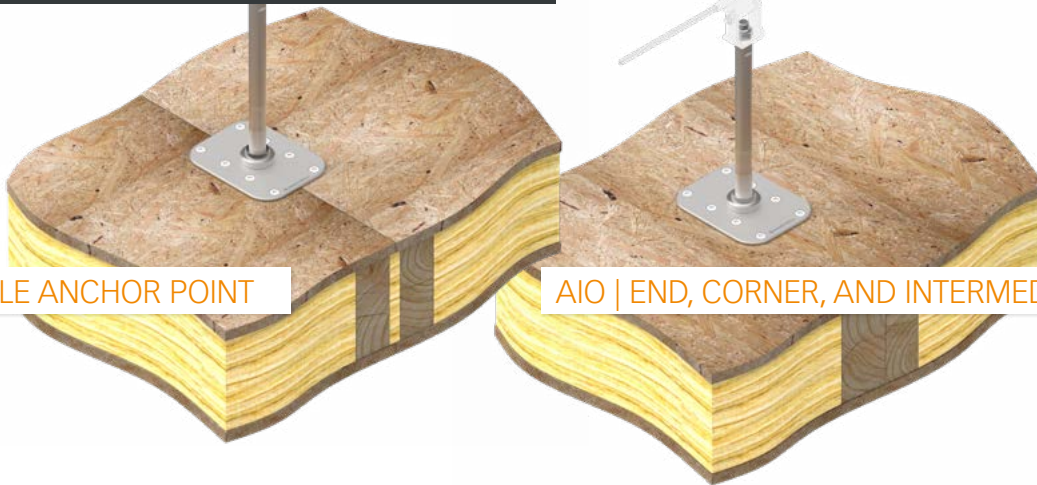
lifeline system as a single anchor point or as an end, corner, and intermediate post. In addition, it can also be used together with INNOTECH SPAR-10-25 as a single anchor point.

- Installation can be performed in two steps
- Post spacings up to 12m are possible in the lifeline system
- Can also be used with INNOTECH EAP-SPAR-10-25 as a single anchor point
- Mechanical anti-rotation device ensures a secure hold

- High level of prefabrication, especially for timber construction
- Very easy to install, no special tools required
- Certification to the latest state of the art:

EN 795:2012 TYPES A and C
CEN/TS 16415:2013

Assembly kit post



EAP | SINGLE ANCHOR POINT

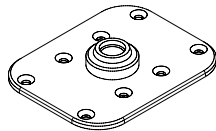
AIO | END, CORNER, AND INTERMEDIATE POST

BKS | BASE PLATE

AIO-BKS-GP-01

BASE PLATE FOR END, CORNER, AND INTERMEDIATE POST IN THE AIO LIFELINE SYSTEM FOR LIGHTWEIGHT WOODEN CONSTRUCTION (EN 795 C)

Substructure: wood at least 14 x 16 cm
Roofing elements made of wood
(Requirements as per product description)
Material: stainless steel (AISI 304)
Base plate dimensions: 178 x 140 x 40mm

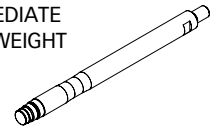


BKS | STOP SHAFT

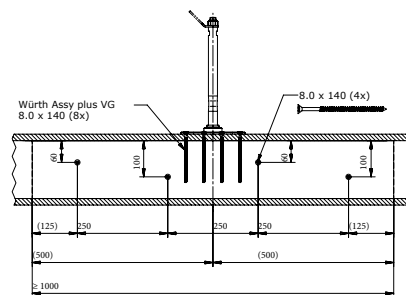
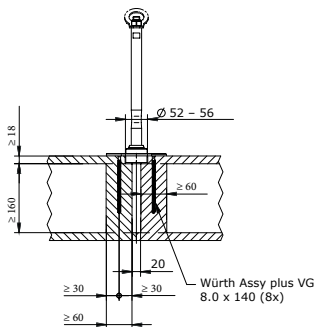
AIO-BKS-AW-01

STOP SHAFT FOR END, CORNER, AND INTERMEDIATE POST IN THE AIO LIFELINE SYSTEM FOR LIGHTWEIGHT WOODEN CONSTRUCTION (EN 795 C)

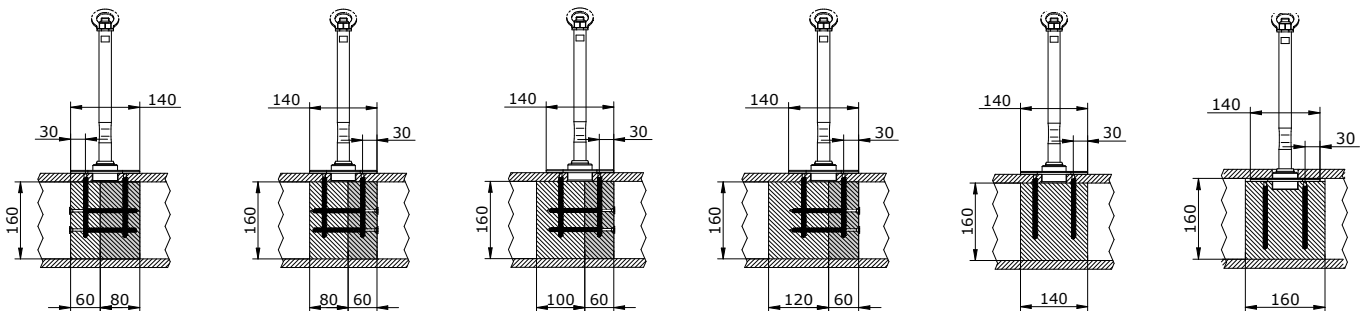
Substructure: base plate AIO-BKS-GP-01
Material: stainless steel (AISI 304)
Length: 300 mm
Optional use as a single anchor point in conjunction with EAP-SPAR-10-25 possible!



STANDARD SOLUTION



BEAM SUPPORTING OPTIONS



FOR PITCHED ROOFS

EAP-SLING-10

Single anchor point



EAP-SLING-10 is perfect for use on a pitched roof as a single anchor point. The EAP-SLING-10 single anchor point from INNOTECH requires only a small wood dimension, and blends in perfectly with the building aesthetics because of its discreet appearance.

- Single anchor point for pitched roofs
- Optimum integration with the building aesthetics; especially suitable for listed buildings
- Fast installation without special tools

The effect of the EAP-SLING-10 on the architectural surroundings is very unobtrusive, and it is particularly suitable for listed buildings. The simple fastening option saves additional time during installation.

- Various sling lengths available upon request
- Certification to the latest state of the art:

EN 795:2012 TYPE B

Single anchor point

EAP | SINGLE ANCHOR POINT

EAP-SLING-10

SINGLE ANCHOR POINT FOR PITCHED ROOFS (EN 795 B)

Substructure: Wood (min. 10/12 cm or 8/8 cm + min. 20 mm wooden formwork)

Cable diameter: Ø 5 mm, stainless steel (AISI 304)

Sling length: 400 mm

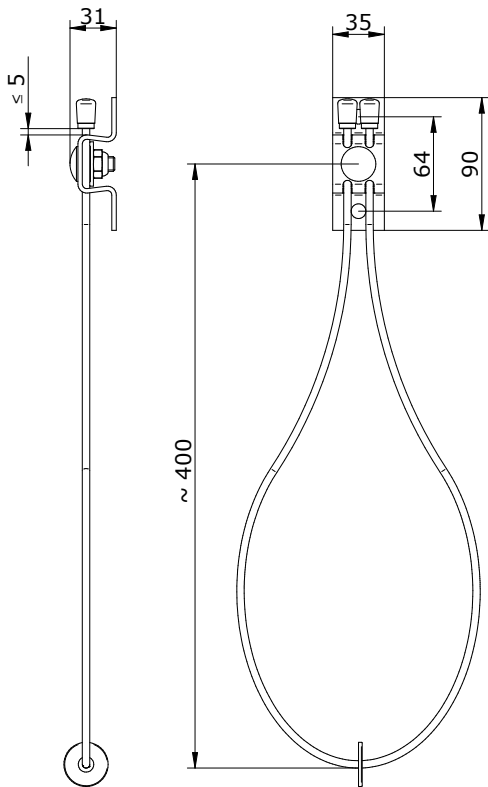
Material: galvanised steel, stainless steel (AISI 304)

Minimum perforation depth into the statically load-bearing construction:

100 mm or 80 mm

Order the suitable woodworking screws at the same time according to roof structure

(HBS Ø 8 mm, length = 100 to 400 mm)



GREAT INHERENT STABILITY

INDUSTRY-31

Crimped clamp



The INDUSTRY-31 crimped clamp from INNOTECH is characterised by its especially high intrinsic stability. The variable setting of the support allows all crimp heights to be covered, and thus ensures the maximum possible flexibility

for the user on the roof. The pre-assembled delivery guarantees rapid installation, which takes place without roof perforation.

- EAP-INDUSTRY-31: Single anchor point for personal safety of 2 people
- SZH-INDUSTRY-31: Intermediate bracket in the lifeline system on a flat or pitched roof
- For double standing seam roofs made of aluminium, steel, and copper
- Simple and rapid installation because of pre-assembled elements

- Installation possible on sliding cleats
- Simple to retrofit at any time
- Certification to the latest state of the art:

EN 795:2012 TYPE A & CEN/TS 16415:2013 (EAP-INDUSTRY-31)
EN 795:2012 TYPE C (SZH-INDUSTRY-31)

INDUSTRY-31

EAP | SINGLE ANCHOR POINT

EAP-INDUSTRY-31

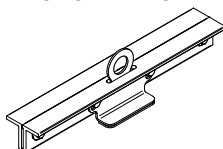
SINGLE ANCHOR POINT WITH ANCHORAGE EYE FOR STANDING SEAM ROOF SYSTEMS (EN 795 A)

Substructure: (double) standing seam roof systems

Material (material thickness): steel (min. 0.5 mm),
aluminium (min. 0.7 mm)

Material: aluminium, stainless steel (AISI 304)

Pre-assembled and does not require roof perforation



EAP-INDUSTRY-31-CU

Substructure: (double) standing seam roof made of copper (at least 0.6 mm)

SZH | INTERMEDIATE BRACKET

SZH-INDUSTRY-31

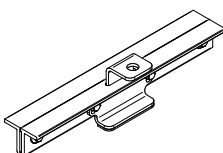
INTERMEDIATE BRACKET IN AIO LIFELINE SYSTEM FOR STANDING SEAM ROOF SYSTEMS (EN 795 C)

Substructure: (double) standing seam roof systems

Material (material thickness): steel (min. 0.5 mm),
aluminium (min. 0.7 mm)

Material: aluminium, stainless steel (AISI 304)

Pre-assembled and does not require roof perforation



EAP-INDUSTRY-31-CU

Substructure: (double) standing seam roof made of copper (at least 0.6 mm)

INDUSTRY

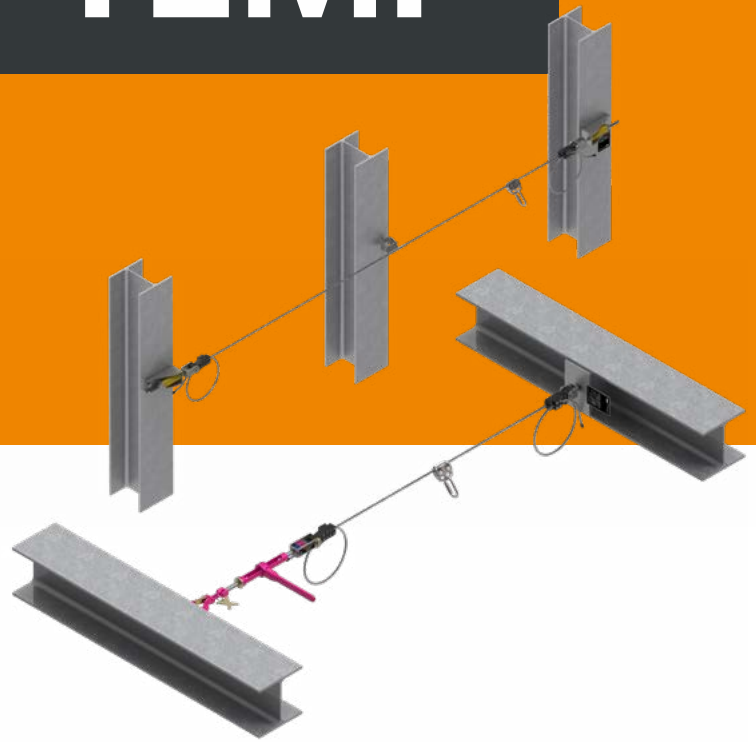
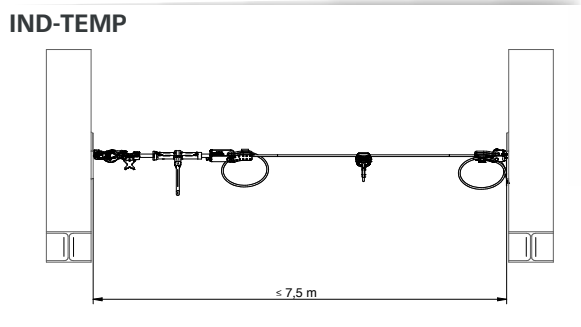
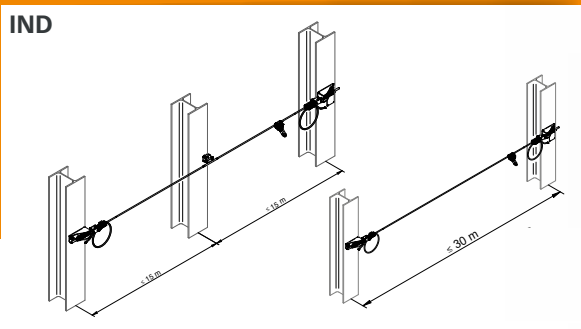
*VARIABLE
ADJUSTMENT OPTIONS
UNIQUE SOLUTIONS*

INNOTECH® Arbeitsschutz GmbH

UNIQUE SOLUTION

IND/IND-TEMP

Industry system



Temporary or permanent – a unique solution for industry:
High cable pre-tension and the compression of the intermediate bracket make reduced cable deflection possible, and therefore provide ideal protection for tasks at height in industry.

- Temporary and fixed lifeline system
- Cable diameter 10 mm
- Max. separation distance 7.5 m (temporary) or 15 m | 30 m (permanent)
- Low cable deflection thanks to high cable pre-tension and compression of the intermediate cable bracket

Economically interesting is the maximum separation distance of 15 m or 30 m for fixed systems, which furthermore creates the maximum possible freedom of movement in the system.

- Increased separation distances available upon request (only for fixed system)
- Certification to the latest state of the art:

EN 795: 2012 TYPE B/TYPE C

Industry system

TYP | RATING PLATES

IND-TYP-20

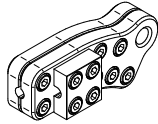
Material: Stainless steel (AISI 316), plastic
Designation: Horizontal lifeline system



ENDS | END LOCK

IND-ENDS-10

Material: stainless steel (AISI 304), aluminium (anodised)
Complete set for a cable span,
with integrated shock absorber

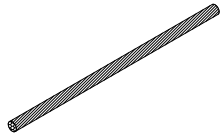


SEIL | STAINLESS STEEL CABLE

IND-SEIL-40

Material: Stainless steel (AISI 316)
Dimensions: Ø 10 mm (7 x 19)
Breaking load: 57 kN

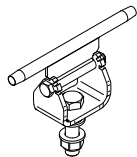
Tested for INNOTECH cable system



SZH | INTERMEDIATE BRACKET

IND-SZH-10

Material: stainless steel (AISI 304)
Substructure: steel construction
Connection: Thread M16
Function range: Variable adjustment range

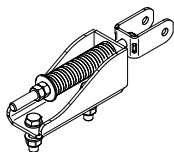


EB | END LOCK FASTENING

IND-EB-40

Material: stainless steel (AISI 304)
Substructure: steel construction
Connection: Thread M16

For bracing the lifeline system (Ø 10mm) system
using an end lock (IND-ENDS-10)

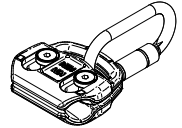


GLEIT | SLIDER

IND-GLEIT-10-A4

Material: Stainless steel (AISI 316)
Can be attached and detached at any point
in the horizontal lifeline system

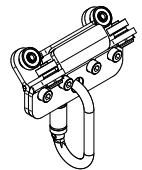
Suitable for traversing the pass-through elements
(intermediate brackets)



IND-GLEIT-11

Material: stainless steel (AISI 304)

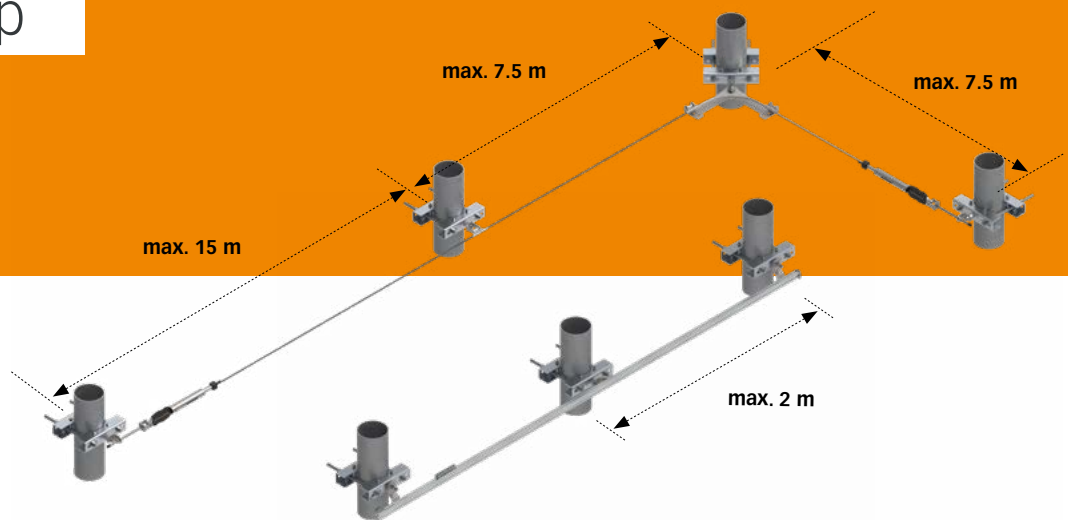
suitable for traversing the pass-through elements
in the overhead lifeline system (intermediate brackets)



FASTENING SETS

BEF-810/811

Pipe clamp



The BEF-810/811 fastening sets from INNOTECH are characterised by their high intrinsic stability. The variable adjustment options for the various clamps

guarantee perfect adaptation to the respective pipe dimensions. The clamps allow rapid and above all perforation-free installation on the respective structures.

- Fastening set for clamping to pipework structures
- The fastening sets can be used in the AIO lifeline system, the TAURUS rail system, and with EAP-SPAR-10-25 as a single anchor point
- With the ABP-10-30, also suitable for abseiling
- Fastening spacings up to 15 m max. are possible
- No penetration of the supporting structure
- Simple and fast installation
- Simple to retrofit at any time

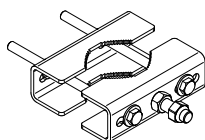
Fastening sets

BEF | FASTENING SETS

BEF-810

FASTENING SETS FOR PIPEWORK STRUCTURES

Material: galvanised steel
Diameter: ø 60 to 120 mm

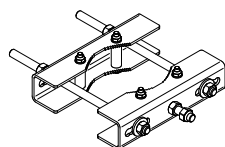


*OUR CLAMPS ALLOW RAPID AND
PERFORATION-FREE INSTALLATION
ON THE RESPECTIVE STRUCTURES.*

BEF-811

FASTENING SETS FOR PIPEWORK STRUCTURES

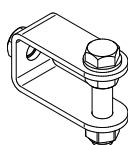
Material: galvanised steel
Diameter: ø 120 to 220 mm



BEF-810-01

FASTENING SETS FOR CORNER PASS-THROUGH ELEMENTS

Substructure: BEF-810, BEF-811, BEF-830-XX
Material: galvanised steel
Connection: Thread M16



BEF | ASSOCIATED EQUIPMENT

EAP-SPAR-10-25

FASTENING SETS FOR PIPEWORK STRUCTURES

Substructure: AIO-BKS, AIO-/EAP-STA(BIL),
AIO-/EAP-SYST, AIO-/EAP-FALZ-45(-15), AIO-/EAP-SAND,
steel construction
Usable thread length: 29 mm
Thread: M16 (DIN 933, ISO 4017)
Material: stainless steel (AISI 304)
Not suitable for AIO-VARIO-45/EAP-VARIO-15, EAP-POINT-11/12



EAP-ABP-10-30

FASTENING SETS FOR PIPEWORK STRUCTURES

Substructure: Steel construction,
AIO-STA (up to max. 600 mm length),
AIO-SYST, AIO-FALZ-45, steel construction
Usable thread length: 29 mm
Thread: M16 (DIN 933, ISO 4017)
Material: stainless steel (AISI 304)

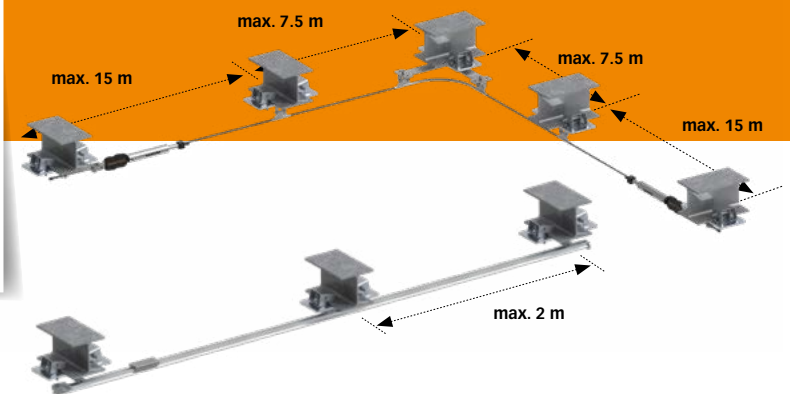


Suitable for abseiling

FASTENING SETS

BEF-830/840/841

I-beam clamp



The BEF-830/840/841 fastening sets from INNOTECH are characterised by their high intrinsic stability. The variable adjustment options for the various clamps guarantee

perfect adaptation to the respective beam dimensions. The clamps allow rapid and above all perforation-free installation on the respective structures.

- Fastening set for clamping to I-beams
- The fastening sets can be used in the AIO lifeline system, the TAURUS rail system, and with EAP-SPAR-10-25 as a single anchor point
- With the ABP-10-30, also suitable for abseiling

- Fastening spacings up to 15 m max. are possible
- No penetration of the supporting structure
- Simple and fast installation
- Simple to retrofit at any time

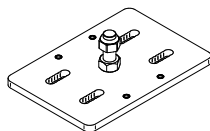
Fastening sets

BEF | FASTENING SETS

BEF-830-01

FASTENING SETS FOR I-BEAM STRUCTURES

Material: galvanised steel
Flange width: 80 to 130 mm

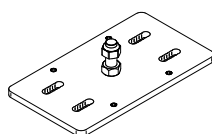


Can only be used in combination with BEF-840/841
Available on request only!

BEF-830-02

FASTENING SETS FOR I-BEAM STRUCTURES

Material: galvanised steel
Flange width: 130 to 180 mm

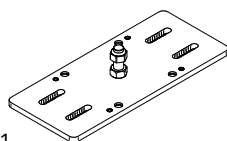


Can only be used in combination with BEF-840/841
Available on request only!

BEF-830-03

FASTENING SETS FOR I-BEAM STRUCTURES

Material: galvanised steel
Flange width: 180 to 260 mm

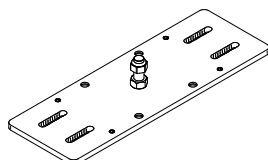


Can only be used in combination with BEF-840/841

BEF-830-04

FASTENING SETS FOR I-BEAM STRUCTURES

Material: galvanised steel
Flange width: 260 to 350 mm

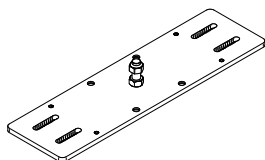


Can only be used in combination with BEF-840/841

BEF-830-05

FASTENING SETS FOR I-BEAM STRUCTURES

Material: galvanised steel
Flange width: 350 to 450 mm



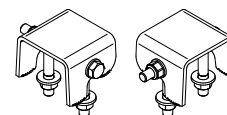
Can only be used in combination with BEF-840/841

FASTENING SETS

BEF-840

FASTENING SETS FOR BEF-830-XX

Material: galvanised steel
Flange width: 8 to 26 mm

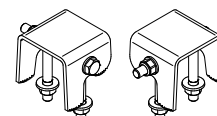


Can only be used in combination with BEF-830-01/02/03/04/05

BEF-841

FASTENING SETS FOR BEF-830-XX

Material: galvanised steel
Flange width: 24 to 40 mm

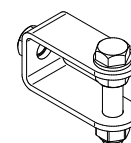


Can only be used in combination with BEF-830-01/02/03/04/05

BEF-810-1

ADAPTER BRACKET FOR CORNER PASS-THROUGH ELEMENTS

Substructure: BEF-810, BEF-811, BEF-830-XX
Material: galvanised steel
Connection: Thread M16



RAIL SYSTEMS

*HIGH-QUALITY DESIGN
MAINTENANCE-FREE:
FLEXIBLE IN USE*

TAURUS rail system

SIMPLE TO INSTALL

TAURUS

Rail system



The TAURUS flexible rail system from INNOTECH for all substructures provides people in fall-risk locations with the option of securing themselves optimally to the mobile anchor point or to the guided type fall arrester. Manoeuvrable rail connections and end units can be installed very simply, and optionally available curve and

bent elements adapt perfectly to the actual constructional conditions. Three different sliders ensure unimpeded movement along the entire length of rail: The "Speed Control", an automatic delay unit in the ALLROUND system, recognises fall speeds immediately. Should a fall occur, the "Allround" slider blocks immediately in all directions.

- Flexible rail system for every construction form indoors and outdoors
- Maximum freedom of movement along the entire length of rail
- With corresponding rail slider, also suitable for abseiling tasks
- Wide fastening spacing possible on all substructures
- Top-quality design, available in all colour styles
- Various slider types with ball bearings: horizontal, vertical, and Allround sliders
- The Allround slider blocks in all directions, traverses curves and bends horizontally and vertically.
- SPEED CONTROL
The Allround slider is fitted with an automatic delay unit which, in the event of a fall, triggers immediately at a defined speed.

- MAINTENANCE-FREE
The use of enclosed ball bearings means that the rail sliders do not require maintenance.
- Certification to the latest state of the art:

Horizontal system:
EN 795:2012 TYPE D
CEN/TS 16415:2013

Vertical system:
already certified to the new standard EN 353-1:2014

Allround system:
EN 795:2012 TYPE D
CEN/TS 16415:2013
EN 353-1:2014

Horizontal rail system

Wide fastening spacing possible on all substructures

Various slider types with ball bearings:
Horizontal, vertical and Allround sliders.

With corresponding rail slider, also suitable for abseiling tasks.

TYP | RATING PLATE

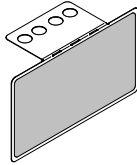
TAURUS-TYP-10

TAURUS RATING PLATE, HORIZONTAL (EN 795 D)

Material: Stainless steel (AISI 316), plastic
Dimensions: 160 x 92 mm

For the identification of a horizontal rail system

Various fastening options



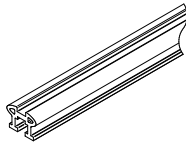
RAIL | RAIL

TAURUS-RAIL-10

ALUMINIUM RAIL, STRAIGHT RUN

Material: aluminium
L = 3000 mm/6000 mm

Rail element with straight run



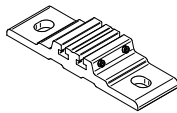
BEF | RAIL FASTENERS

TAURUS-BEF-10

RAIL FASTENER FOR CONCRETE

Material: aluminium
Substructure: Concrete, facade, steel construction

for fastening TAURUS-RAIL to concrete, facade, and steel construction

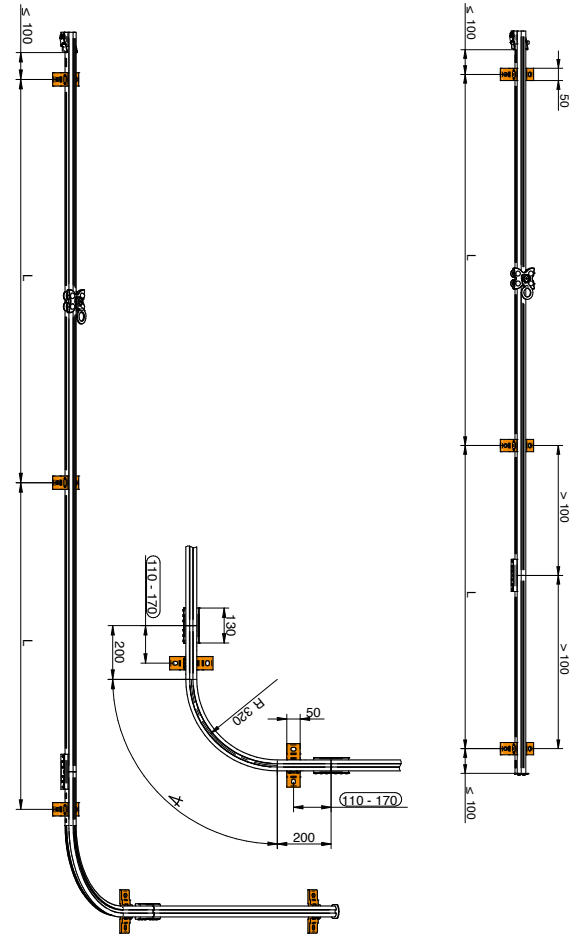
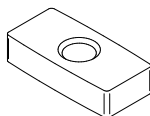


TAURUS-BEF-12

RAIL FASTENER, STEEL CONSTRUCTION,
SLIDING NUT M10

Material: stainless steel (AISI 304)
Substructure: steel construction

for fastening TAURUS-RAIL to steel construction

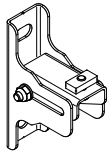


RAIL FASTENER

TAURUS-BEF-20

RAIL FASTENER FOR FACADE

Substructure: Concrete, facade
Hole spacing: 120 mm
Fastening for concrete: by means of 2x adhesive anchors
Fastening depth for concrete: min. 100 mm
Material: stainless steel (AISI 304)



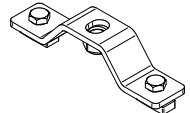
for fastening TAURUS-RAIL to concrete and facade

TAURUS-BEF-21

RAIL FASTENER

Material: stainless steel (AISI 304)
Substructure: Concrete, steel construction
Fastening depth for concrete: min. 125 mm

for fastening TAURUS-RAIL to concrete and steel construction

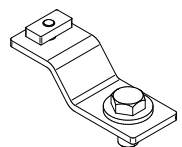


TAURUS-BEF-30

RAIL FASTENER, FASTENING ANGLE

Substructure: AIO-STA post
Material: stainless steel (AISI 304)

for attaching TAURUS-RAIL to an AIO-STA post

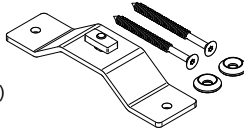


RAIL FASTENER

TAURUS-BEF-41 RAIL FASTENER FOR WOOD

Material: stainless steel (AISI 304)
 Substructure: Wood
 (min. 16/16 cm or as per installation instructions)

for attaching TAURUS-RAIL to wood

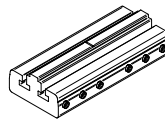


VB | RAIL CONNECTOR

TAURUS-VB-10 RAIL CONNECTOR

Material: aluminium

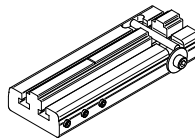
Connector for two TAURUS-RAIL rail elements



TAURUS-VB-11 RAIL CONNECTOR

Material: aluminium

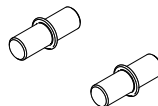
Connector for two TAURUS-RAIL rail elements,
 with expansion compensation



TAURUS-VB-12 RAIL CONNECTION

Material: galvanised steel

for the alignment of two TAURUS-RAIL rail elements
 must be used only in combination with TAURUS BEF-12.

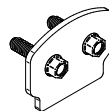


EA | RAIL END UNITS

TAURUS-EA-10 RAIL END UNIT, FIXED

Material: stainless steel (AISI 304)

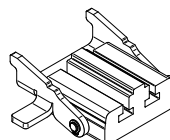
no entry possible (end unit for a rail section)



TAURUS-EA-11 RAIL END UNIT, VARIABLE

Material: Stainless steel (AISI 304), aluminium

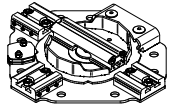
Entry/exit for TAURUS-GLEIT



DW | TURNTABLE GATE

TAURUS-DW-10 RAIL TURNTABLE GATE

Material: aluminium, stainless steel (AISI 304)
 Turning hub for an additional rail access
 (T-application, 2 x 90°).



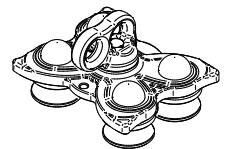
Can be used in combination with the TAURUS-EB-11 as an exit/entry,
 without having to interrupt the track run.

GLEIT | RAIL SLIDER

TAURUS-GLEIT-H-11 RAIL SLIDER, HORIZONTAL (EN 795 D)

Material: stainless steel (AISI 304)
 Inclination range: +/- 5°

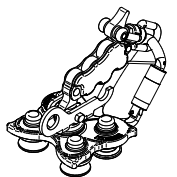
Suitable for overhead systems



TAURUS-GLEIT-A-31 RAIL SLIDER, ALLROUND (EN 353-1/EN 795)

Material: stainless steel (AISI 304)

Rail slider with shock-absorbing element for vertical use,
 and an additional anchorage eye for horizontal use

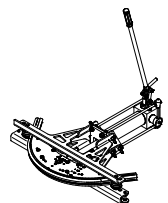


INSTALLATION ACCESSORY

TAURUS-BEND-10 TAURUS BENDING DEVICE FOR TAURUS-RAIL

Bending angle: 0° - 85°

Flexible installation of the rails directly on site.
 Space saving packaging in a case and easy to transport.



Vertical rail system

Wide fastening spacing possible on all substructures.

Various slider types with ball bearings:
Horizontal, vertical and Allround sliders.

With corresponding rail slider, also suitable for abseiling tasks.

TYP | RATING PLATE

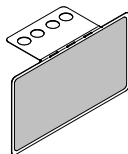
TAURUS-TYP-20

TAURUS RATING PLATE, VERTICAL (EN 353-1)

Material: Stainless steel (AISI 316), plastic

For the identification of a vertical rail system

Various fastening options



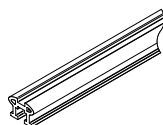
RAIL | RAIL

TAURUS-RAIL-10

ALUMINIUM RAIL, STRAIGHT RUN

Material: aluminium
L = 3000 mm/6000 mm

Rail element with straight run



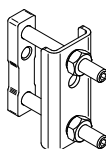
BEF | RAIL FASTENERS

TAURUS-BEF-90

RAIL FASTENER FOR LADDER

Material: stainless steel (AISI 304)
Substructure: ladder rung. Rung dimension: max. Ø 45 mm

for attaching TAURUS-RAIL to ladders



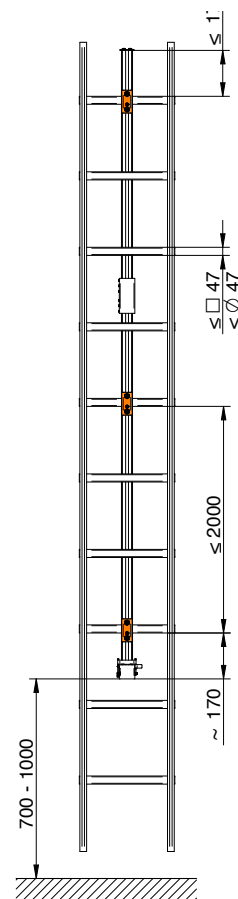
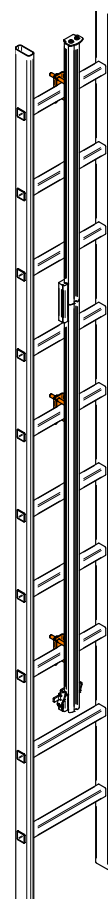
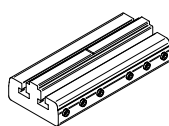
VB | RAIL CONNECTOR

TAURUS-VB-10

RAIL CONNECTOR

Material: aluminium

Connector for two TAURUS-RAIL rail elements



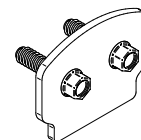
EA | RAIL END UNITS

TAURUS-EA-10

RAIL END UNIT, FIXED

Material: stainless steel (AISI 304)

No entry possible
(end unit for a rail section)

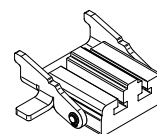


TAURUS-EA-11

RAIL END UNIT, VARIABLE

Material: Stainless steel (AISI 304), aluminium

Entry/exit for TAURUS-GLEIT

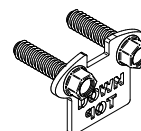


TAURUS-EA-21

RAIL ENTRY PLATE, FIXED

Material: stainless steel (AISI 304),

Entry plate for TAURUS-GLEIT-V-21



STEP | ASCENT LADDER

TAURUS-STEP

RAIL SYSTEM WITH INTEGRATED ASCENT AID

Material: aluminium.
Substructure: Concrete, steel, etc.

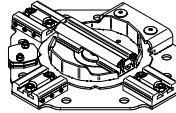
The TAURUS-STEP system is connected to the facade/substructure (steel, concrete, etc.) using a fastening bracket, and serves as an ascent aid.



DW | TURNING HUB

TAURUS-DW-10 RAIL CONNECTOR

Material: aluminium, stainless steel (AISI 304)
 Turning hub for an additional rail access
 (T-application, 2 x 90°).

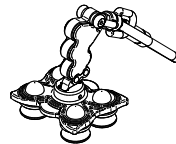


Can be used in combination with the TAURUS-EB-11 as an exit/entry, without having to interrupt the track run.

GLEIT | RAIL SLIDER

TAURUS-GLEIT-V-21 RAIL SLIDER, VERTICAL (EN 353-1)

Material: stainless steel (AISI 304)
 Inclination range: +/- 3°

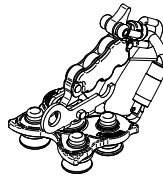


Rail slider for vertical use including shock-absorbing element

TAURUS-GLEIT-A-31 RAIL SLIDER, ALLROUND (EN 353-1/EN 795 D)

Material: stainless steel (AISI 304)

Rail slider with shock-absorbing element for vertical use, and an additional anchorage eye for horizontal use

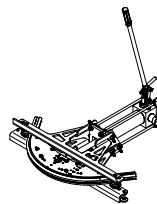


INSTALLATION ACCESSORY

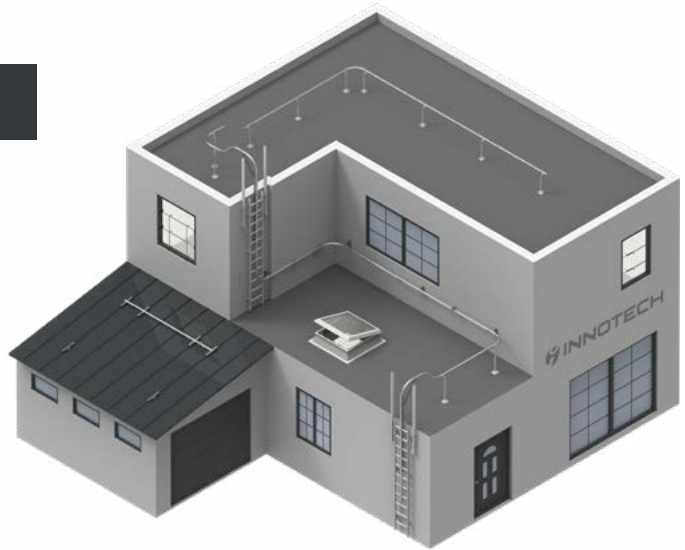
TAURUS-BEND-10 TAURUS BENDING DEVICE FOR TAURUS-RAIL

Bending angle: 0° - 85°

Flexible installation of the rails directly on site.
 Space saving packaging in a case and easy to transport.



Allround rail system



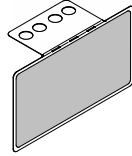
TYP | RATING PLATE

TAURUS-TYP-30

TAURUS RATING PLATE, ALLROUND (EN 353-1/EN 795 D)

Material: Stainless steel (AISI 316), plastic
Dimensions: 160 x 92 mm

For the identification of an Allround rail system
(vertical and horizontal)
Various fastening options

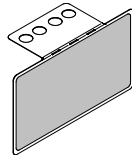


TAURUS-TYP-35

TAURUS INFORMATION SIGN (EN 353-1/EN 795 D)

Material: Stainless steel (AISI 316), plastic
Dimensions: 160 x 92 mm

Information sign for an Allround rail system (vertical and horizontal); it is installed at the changeover from vertical to horizontal



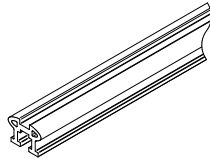
RAIL | RAIL

TAURUS-RAIL-10

ALUMINIUM RAIL, STRAIGHT RUN

Material: aluminium
L = 3000 mm/6000 mm

Rail element with straight run



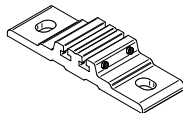
BEF | RAIL FASTENERS

TAURUS-BEF-10

RAIL FASTENER FOR CONCRETE

Material: aluminium
Substructure: Concrete, facade, steel construction

for fastening TAURUS-RAIL to concrete, facade, and steel construction

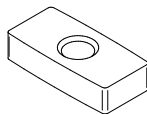


TAURUS-BEF-12

RAIL FASTENER, STEEL CONSTRUCTION, SLIDING NUT M10

Material: stainless steel (AISI 304)
Substructure: steel construction

for fastening TAURUS-RAIL to steel construction

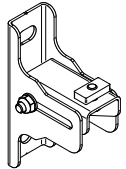


RAIL FASTENER

TAURUS-BEF-20

RAIL FASTENER FOR FACADE

Substructure: Concrete, facade
Hole spacing: 120 mm
Fastening for concrete: by means of 2x adhesive anchors
Fastening depth for concrete: min. 100 mm
Material: stainless steel (AISI 304)

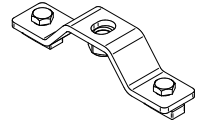


for fastening TAURUS-RAIL to concrete and facade

TAURUS-BEF-21

RAIL FASTENER

Material: stainless steel (AISI 304)
Substructure: Concrete, steel construction
Fastening depth for concrete: min. 125 mm



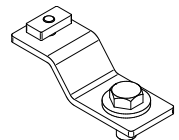
for fastening TAURUS-RAIL to concrete and steel construction

TAURUS-BEF-30

RAIL FASTENER, FASTENING ANGLE

Substructure: AIO-STA post
Material: stainless steel (AISI 304)

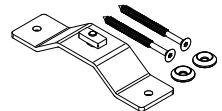
for attaching TAURUS-RAIL to an AIO-STA post



TAURUS-BEF-41

RAIL FASTENER FOR WOOD

Material: stainless steel (AISI 304)
Substructure: Wood
(min. 16/16 cm or as per installation instructions)



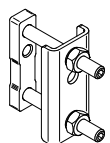
for attaching TAURUS-RAIL to wood

TAURUS-BEF-90

RAIL FASTENER FOR LADDER

Material: stainless steel (AISI 304)
Substructure: ladder rung. Rung dimension: max. Ø 45 mm

for attaching TAURUS-RAIL to ladders

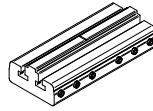


VB | RAIL CONNECTOR

TAURUS-VB-10 RAIL CONNECTOR

Material: aluminium

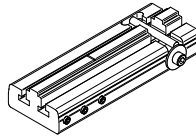
Connector for two TAURUS-RAIL rail elements



TAURUS-VB-11 RAIL CONNECTOR

Material: aluminium

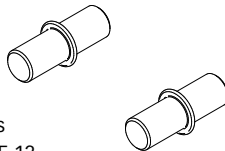
Connector for two TAURUS-RAIL rail elements, with expansion compensation



TAURUS-VB-12 RAIL CONNECTION

Material: galvanised steel

for the alignment of two TAURUS-RAIL rail elements must be used only in combination with TAURUS BEF-12.

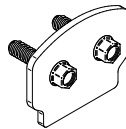


EA | RAIL END UNITS

TAURUS-EA-10 RAIL END UNIT, FIXED

Material: stainless steel (AISI 304)

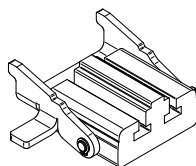
no entry possible (end unit for a rail section)



TAURUS-EA-11 RAIL END UNIT, VARIABLE

Material: Stainless steel (AISI 304), aluminium

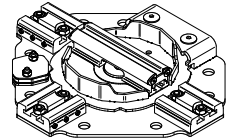
Entry/exit for TAURUS-GLEIT



DW | TURNING HUB

TAURUS-DW-10 RAIL CONNECTOR

Material: aluminium, stainless steel (AISI 304)
Turning hub for an additional rail access (T-application, 2 x 90°).



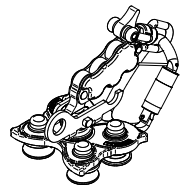
Can be used in combination with the TAURUS-EB-11 as an exit/entry, without having to interrupt the track run.

GLEIT | RAIL SLIDER

TAURUS-GLEIT-A-31 RAIL SLIDER, ALLROUND (EN 353-1/EN 795 D)

Material: stainless steel (AISI 304)

Rail slider with shock-absorbing element for vertical use, and an additional anchorage eye for horizontal use

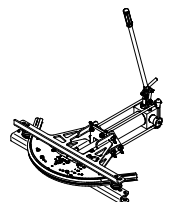


INSTALLATION ACCESSORY

TAURUS-BEND-10 TAURUS BENDING DEVICE FOR TAURUS-RAIL

Bending angle: 0° - 85°

Flexible installation of the rails directly on site.
Space saving packaging in a case and easy to transport.



PERFECT INTEGRATION
THROUGH INDIVIDUAL COLOUR SELECTION

TAURUS

Rail system

- For indoors & outdoors.
- Can be used on all substructures.
- Individual colour selection means perfect integration with the architecture.
- Various curves and torsions possible.
- Maximum freedom of movement along the entire length of rail.



MORE SAFETY.
MORE INFORMATION.
MORE FROM LIFE!

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INNO|plan
INNO|doc

www.innotech.at

DETACHABLE

TAURUS-SCE

Shaft entry



The INNOTECH product range has been extended by the TAURUS shaft entry. The removable, mobile push-on support provides the user with a safe entry into the danger area.

- Safe entry and seamless transition without attaching into or detaching from the vertical descent system
- Easy to transport
- Rapid installation on the ladder or directly into the substructure
- One mobile push-on support can be used for several shafts

The optional rescue and recovery function provides a further use, as well as additional safety for the user.

- Certified rescue and recovery function
- Fall arrest device with rescue lifting device (type: IKAR: 41-HRA-12)
- Certified to the latest state of the art:

EN 353-1:2014
EN 795:2012 Type A
EN 19572:2016

Shaft entry

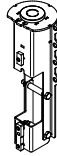
TAURUS | TAURUS

TAURUS SCE-50-A4

SHAFT BRACKET

Material: Stainless steel (AISI 316), plastic

Shaft bracket for fastening to ladder rungs
or directly into the substructure;
Use only in combination with the mobile push-on support



*THE MOBILE PUSH-ON SUPPORT
PROVIDES A SAFE ENTRY
INTO THE DANGER AREA.*

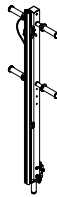
TAURUS / Shaft entry

TAURUS-SCE-10

MOBILE PUSH-ON SUPPORT

Material: Stainless steel (AISI 316) aluminium, plastic

Mobile push-on support for safe shaft entry;
use only in combination with the shaft bracket

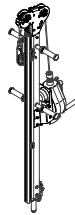


TAURUS-SCE-20

RESCUE ATTACHMENT

Material: Stainless steel (AISI 316) aluminium, plastic

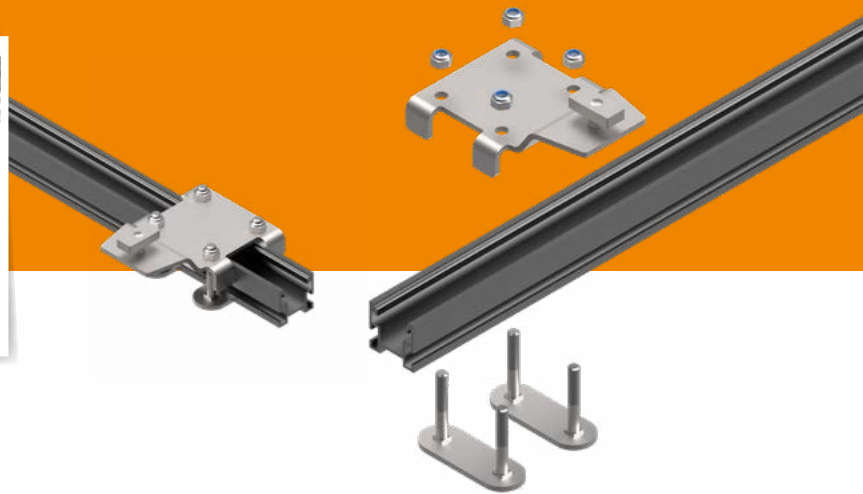
Rescue attachment for connecting a fall arrest device
with rescue lifting device (TYPE: IKAR-41-HRA-12) to
the mobile push-on support by means of a holding bracket;
Use only in combination with the mobile push-on support
(TAURUS-SCE-10)



INNOTECH & K2

TAURUS-K2

Fall protection for K2 installation systems



The proven combination of the TAURUS rail system from INNOTECH with K2 installation systems provides people in fall-risk locations with the ability to protect themselves optimally using the guided-type TAURUS rail slider.

- Rapid and simple handling
- No shading, therefore optimum utilisation
- A space-saving system with optimum surface utilisation
- No roof perforation, thanks to superimposed load installation system
- Maximum freedom of movement along the entire length of rail

This simple system can be used flexibly on the well-known K2 S-Dome and D-Dome Classic – without the use of special tools.

- Because of the high intrinsic stability of TAURUS, optimum load distribution into the K2 substructure is possible.
- Max. fastening spacing every 2.1 m.
- Certification to the latest state of the art:

EN 795:2012 types D and E
CEN/TS 16415:2017

INNOTECH & K2

TAURUS | TAURUS

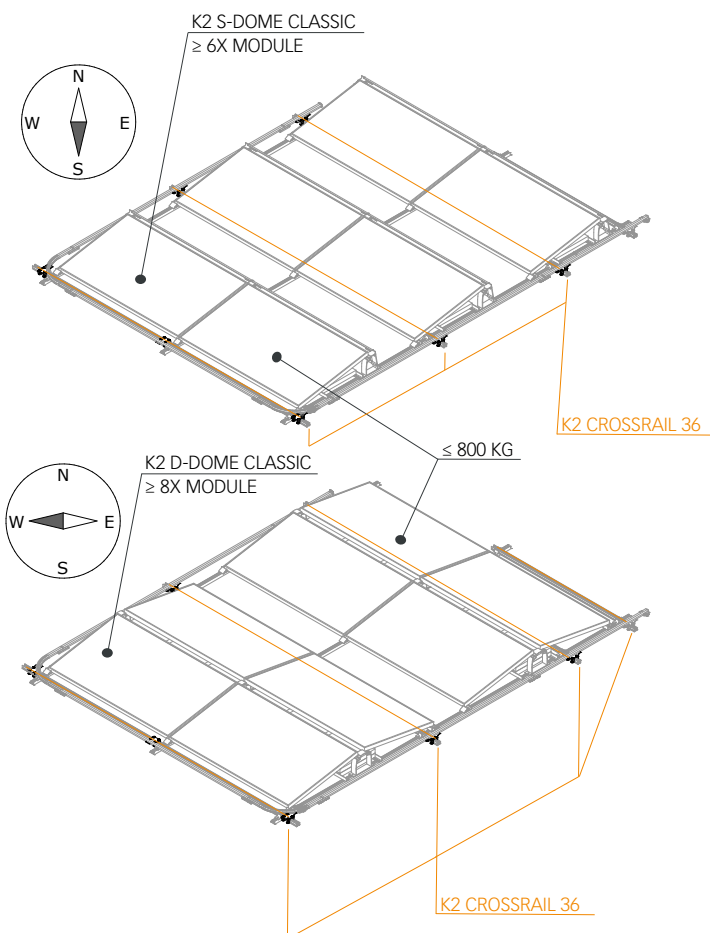
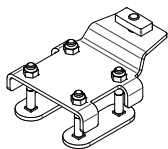
TAURUS-BEF-50

RAIL FASTENER BEF-50 FOR RAIL SYSTEMS

Substructure: K2 CrossRail 36

Material: stainless steel (AISI 304)

for attaching TAURUS-RAIL to
K2 solar substructures



GUARDRAIL SYSTEM ENCLOSURE

SAFE
UNCOMPLICATED
ECONOMICAL

INNOTECH® Arbeitsschutz GmbH

THE NEW BARRIER
GREATER SPEED, ECONOMY, SAFETY

BARRIER

Guardrail system



The optimised BARRIER guardrail system from INNOTECH provides many varied application options in collective side protection, because it adapts optimally to individual construction conditions. The consistent optimisation of the individual components made it possible to improve the functionality and to significantly reduce the installation time. The uncomplicated, quick assembly and the option of

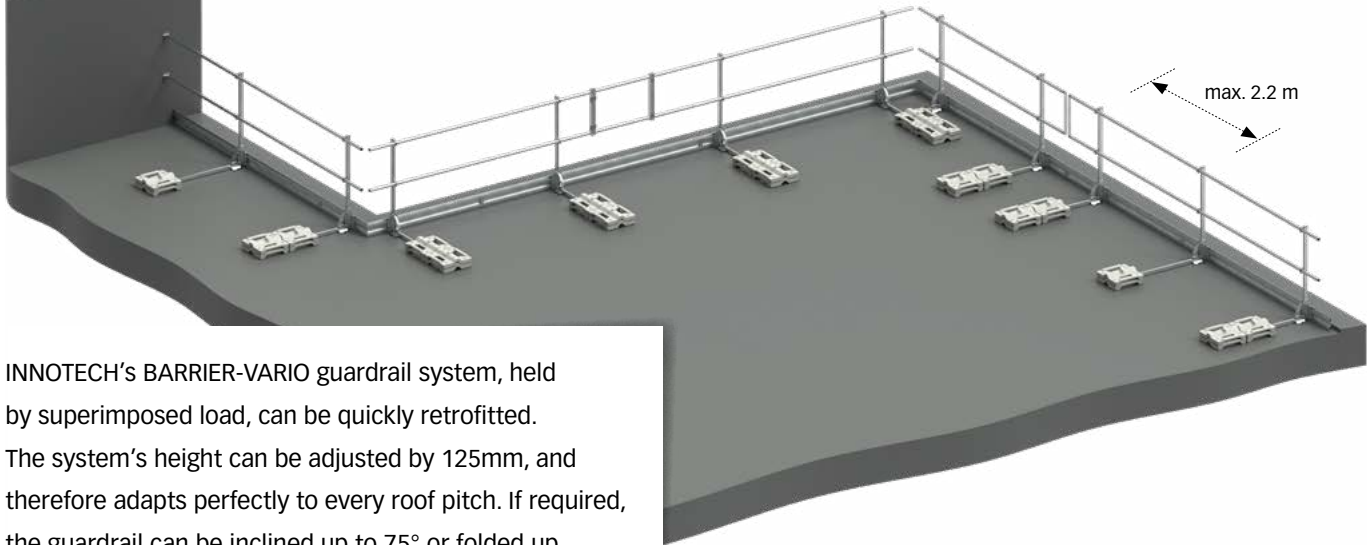
installing without roof perforation thus make the product a flexible all-rounder which perfectly blends in with the building's aesthetics in an extremely pleasing way. The high-quality railings are manufactured from weather-resistant aluminium, and fulfil the most demanding architectural requirements, through a varyingly adjustable inclination.

- Universal penetration-free application options
- Short installation time and simple assembly without creation of shavings
- Low superimposed load, thanks to maximum post separation of 2.2 m
- Pitch adjustable to 90° and 75°; hinged at 15°
- 100% plasticiser-free (integrated release layer)
- Attachment possible to standing seam and trapezoidal supporting sheet

- Concrete weight 2x 12.5 kg; stackable, ergonomic carrying system
- 3 standardised coating levels possible
- Differences in level up to 125mm can be compensated perfectly
- Inspection interval: 2 years
- Certification to the latest state of the art:

EN 13374:2019
EN ISO 14122-3:2001
DIN 14094-2:2007

System Vario



INNOTECH's BARRIER-VARIO guardrail system, held by superimposed load, can be quickly retrofitted. The system's height can be adjusted by 125mm, and therefore adapts perfectly to every roof pitch. If required, the guardrail can be inclined up to 75° or folded up, and so the system fits outstandingly well into the constructional circumstances.

SYSTEM VARIO

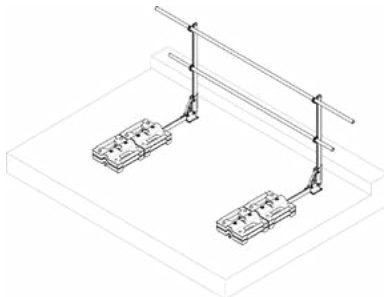
BARRIER VARIO

GUARDRAIL SYSTEM – HELD BY SUPERIMPOSED LOAD

Material: aluminium, stainless steel (AISI 304)
Substructure: Flat roof (max. 10° roof pitch)
System pitch angle (pre-assembled): 90°, 75°

Without roof perforation

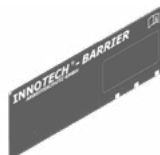
Boom with post and concrete weight (2 x 12.5 kg) with carrying handles



RATING PLATE

BARRIER-Z11

RATING PLATE FOR BARRIER
(EN 13374/EN ISO 14122-3/DIN 14094-2)



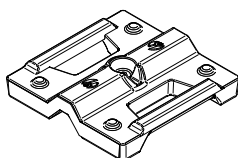
FOOT ELEMENT

BARRIER-V20

VARIO WEIGHT

Height x Width x Length: 93 x 390 x 390 mm
Weight: 12.5 kg
Material: Concrete

Concrete weight for BARRIER-V12 foot unit



FOOT ELEMENT

BARRIER-S22-450

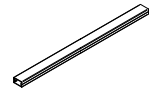
VARIO BOOM

Length: 450 mm

Material: aluminium

Standard boom for VARIO system, corner set

Special lengths upon request



BARRIER-S22-1300

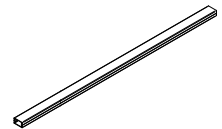
VARIO BOOM

Length: 1300 mm

Material: aluminium

Standard boom for VARIO system,
Escape route as per plan

Special lengths upon request



BARRIER-S22-1500

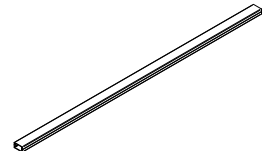
VARIO BOOM

Length: 1500 mm

Material: aluminium

Standard boom for VARIO superimposed load.

Special lengths upon request

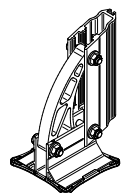


BARRIER-V12

VARIO-FOOT UNIT

Material: Aluminium, stainless steel (AISI 304), plastic

VARIO foot unit without boom/post, for creation of a collective side protection held by superimposed load, including protective plate

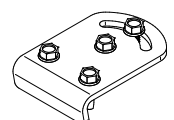


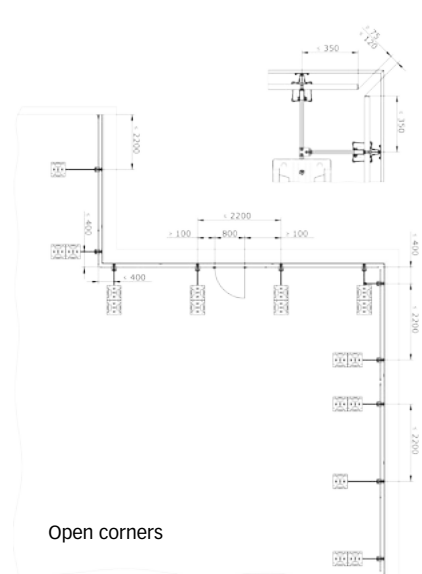
BARRIER-V92

VARIO-CORNER TIE

Material: stainless steel (AISI 304)

For the connection of two BARRIER-S22 booms





System parapet



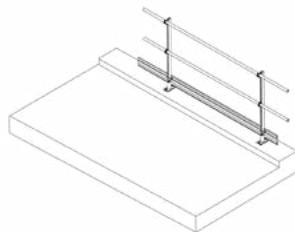
A further solution using the BARRIER guardrail system from INNOTECH is to install it on the parapet substructure. The guardrail system can be attached either on the parapet or alternatively to the inside of the parapet. The system's pitch angle is easily adjustable (90°, 75°, 60°). In order to maintain the building's aesthetics, it is possible to completely fold up the system.

SYSTEM VARIANTS

BARRIER-ATTIKA-OBEN (BARRIER PARAPET ON THE TOP)

GUARDRAIL SYSTEM -
TOP OF PARAPET

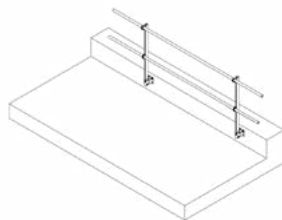
Substructure: Parapet (top)
Material: aluminium,
stainless steel (AISI 304)
System pitch angle: 90°



BARRIER-PARAPET ON THE SIDE

GUARDRAIL SYSTEM -
INSIDE OR OUTSIDE OF PARAPET

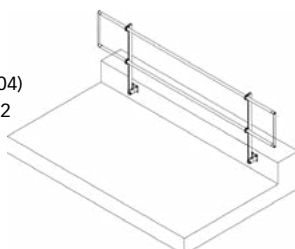
Substructure: Parapet (inside or outside)
Material: aluminium, stainless steel
(AISI 304)
System pitch angle: 90°, 75°, 60° for
BARRIER-S22



BARRIER-ATTIKA-SEITLICH (BARRIER PARAPET ON THE SIDE, HINGED)

GUARDRAIL SYSTEM -
INSIDE OF PARAPET (HINGED)

Substructure: Parapet (inside)
Material: aluminium, stainless steel (AISI 304)
System pitch angle: 0°, 90° for BARRIER-S22



RATING PLATE

BARRIER-Z11

RATING PLATE FOR BARRIER

(EN 13374/EN ISO 14122-3/DIN 14094-2)



FOOT ELEMENT

BARRIER-A22

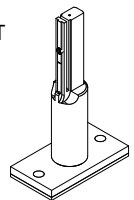
ADAPTER FOR ATTACHMENT TO THE TOP OF THE PARAPET

Substructure: Concrete, steel construction

Effective foot height: 137 mm

Material: aluminium, stainless steel (AISI 304)

For attachment of the BARRIER-S21 post
to the top of the parapet



BARRIER-A10

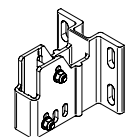
ADAPTER ON THE SIDE OF THE PARAPET

Substructure: Concrete,

Pitch angle of steel construction: 90°, 75°, 60°

Material: aluminium, stainless steel (AISI 304)

For attachment of the BARRIER-S21 post
to the inside of the parapet



BARRIER-A11

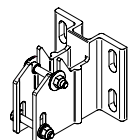
ADAPTER ON THE INSIDE OF THE PARAPET
(HINGED)

Substructure: Concrete,

Pitch angle of steel construction: 90°, 75°, 60°

Material: aluminium, stainless steel (AISI 304)

For attachment of the BARRIER-S21 post
to the inside of a parapet



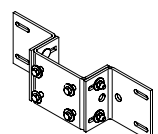
BARRIER-A31

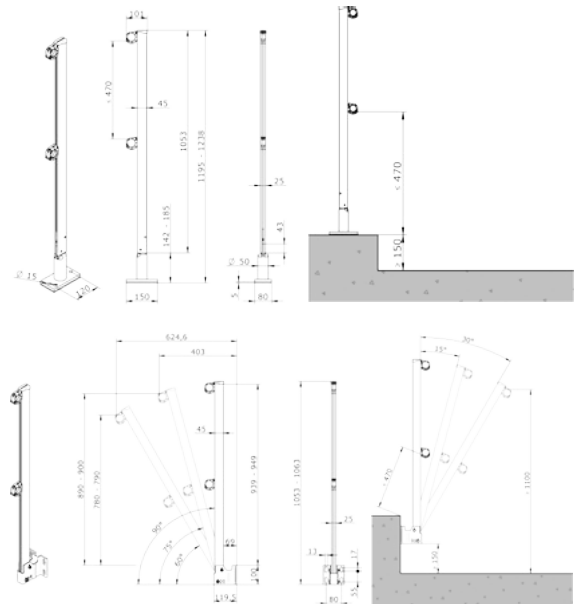
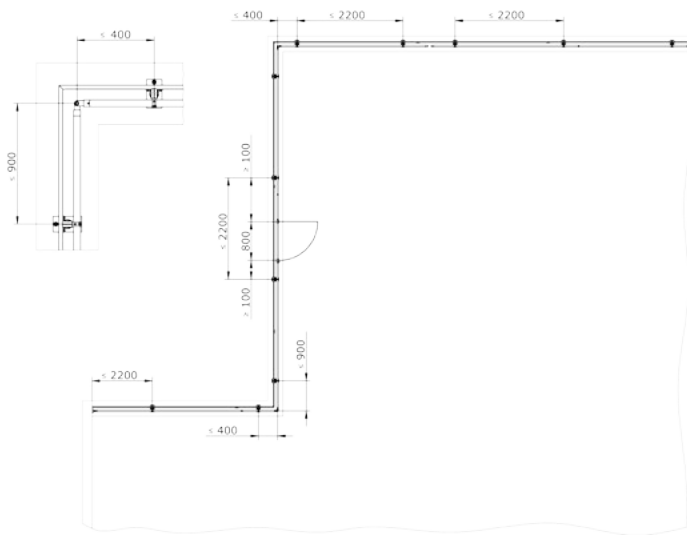
SPACER BRACKET FOR PARAPET

Substructure: Concrete, steel construction

Material: aluminium, stainless steel (AISI 304)

2 different adjustment ranges (65 mm to 105 mm,
or 100 mm to 145 mm for BARRIER-A10 and BARRIER-A11)



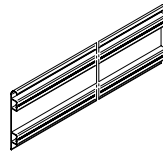


TOE BOARD

BARRIER-F20

TOE BOARD

Height x Width x Length: 170 x 20 x 3000 mm
 Material: aluminium

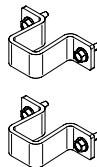


Suitable for use with BARRIER-S20/S21 post and VARIO BARRIER-V12 foot unit, when no parapet higher than 150mm present.

BARRIER-F21

TOE BOARD BRACKET FOR FASTENING THE TOE BOARD TO THE BARRIER-S10 POST

Height x Width: 25 x 45 mm
 Packaging unit: 2 items
 Material: aluminium, stainless steel (AISI 304)



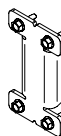
For attachment of the BARRIER-F20 toe board to the BARRIER-S21 post

BARRIER-F23

TOE BOARD CONNECTOR SET

Material: aluminium, stainless steel (AISI 304)

for connecting two BARRIER-F20 toe boards

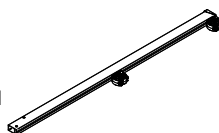


POST

BARRIER-S21-1050

POST, STRAIGHT

Length: 1050 mm
 Material: Aluminium, aluminium/zinc, stainless steel



Standard post for ATTIKA system including pipe bracket.

DOOR

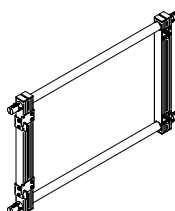
BARRIER-T30

DOOR SET

Material: aluminium

Opening 800 mm, fixed attachment point, not selectable (right hand door)

For implementation using superimposed load, 4x BARRIER-V20 weights required for each door side.

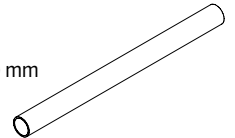


HANDRAIL

BARRIER-R11

ALUMINIUM PIPE, STRAIGHT

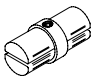
Diameter x Wall thickness x Length: 36 x 2.5 x 3000 mm
 Material: aluminium



BARRIER-R21

LINEAR TIE

Material: aluminium, stainless steel (AISI 304)

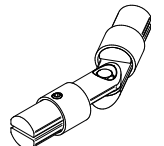


For connection of two BARRIER-R11 pipes

BARRIER-R31

CORNER TIE

Material: Aluminium, plastic

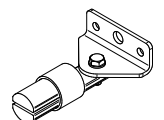


For creating a corner with two BARRIER-R11 pipes, variably adjustable angle

BARRIER-R41

WALL TIE

Substructure: Concrete, steel construction
 Material: Aluminium, plastic



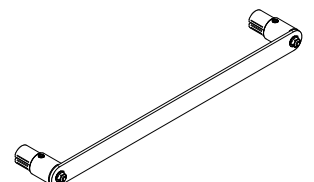
Variably adjustable angle

BARRIER-R51

END SEAL

Material: aluminium

End seal for two BARRIER-R11 pipes
 Projection of pipe max. 500 mm



BARRIER-R91

CAP FOR BARRIER-R11 ALUMINIUM PIPE

Diameter x thickness: 36 x 2 mm
 Packaging unit: 2 items
 Material: Plastic



Cap for BARRIER-R11 pipes
 Projection of pipe max. 350 mm

Skylight system



The skylight guard from INNOTECH is the ideal protection for skylights and roof lights. Installation takes place without roof perforation and provides optimum protection.

SYSTEM VARIANTS

BARRIER VARIO

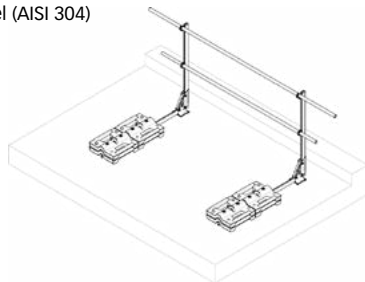
GUARDRAIL SYSTEM – HELD BY SUPERIMPOSED LOAD

Material: aluminium, stainless steel (AISI 304)

Substructure: Flat roof
(max. 10° roof pitch)
System pitch angle
(pre-assembled): 90°, 75°

Without roof penetration

Boom with post and concrete weight (2 x 12.5 kg) with carrying handles

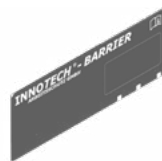


RATING PLATE

BARRIER-Z11

RATING PLATE FOR BARRIER

(EN 13374/EN ISO 14122-3/DIN 14094-2)



FOOT ELEMENT

BARRIER-V20

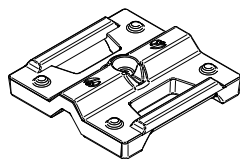
VARIO WEIGHT

Height x Width x Length: 93 x 390 x 390 mm

Weight: 12.5 kg

Material: Concrete

Concrete weight for BARRIER-V12 foot unit



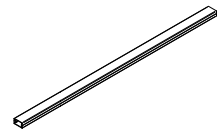
FOOT ELEMENT

BARRIER-S22-1300

VARIO BOOM

Length: 1300 mm

Material: aluminium



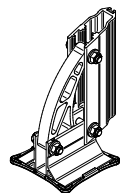
Standard boom for VARIO system,
escape route as per plans
Special lengths upon request

BARRIER-V12

VARIO-FOOT UNIT

Material: Aluminium, stainless steel (AISI 304), plastic

VARIO foot unit without boom/post, for creation of
a collective side protection held by superimposed load,
including protective plate

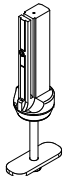


BARRIER-V82

VARIO ADAPTER FOOT

Application: Creation of a skylight guard of max. 2000 x 2000 mm

Material: Aluminium, stainless steel (AISI 304) for attaching
the BARRIER-S21 post to a BARRIER-V20 VARIO weight



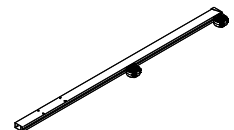
POST

BARRIER-S20-1140

POST, VARIO SYSTEM, STRAIGHT

Length: 1080 mm

Material: Aluminium/zinc, stainless steel



Standard post for VARIO system including pipe bracket.

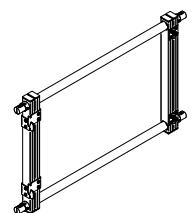
DOOR

BARRIER-T30

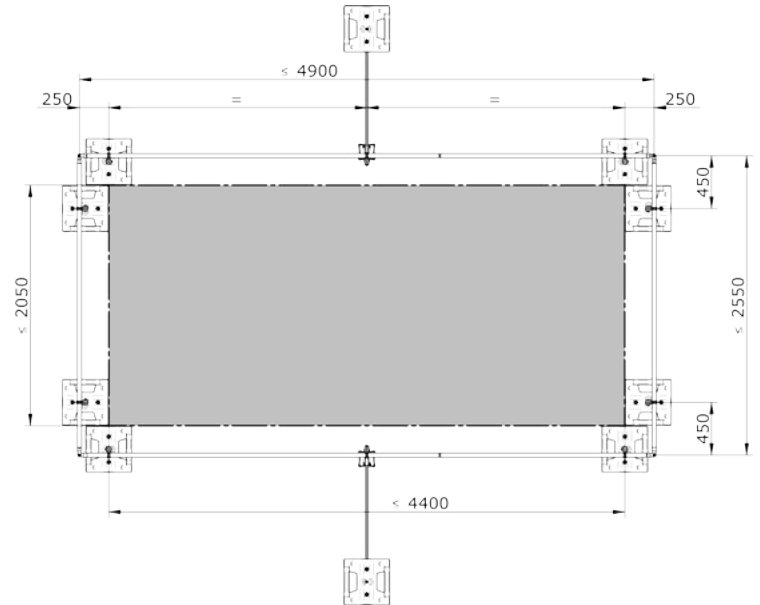
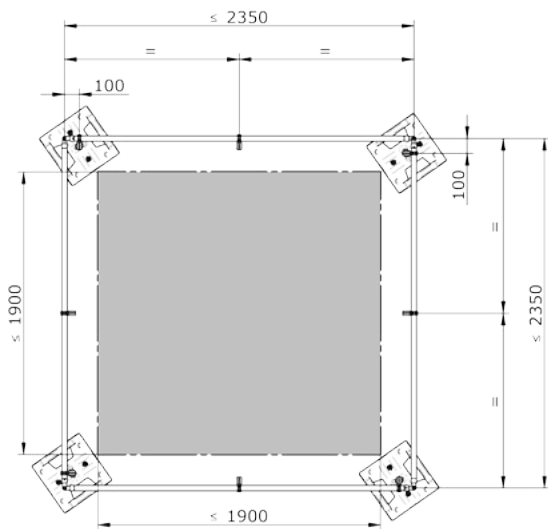
DOOR SET

Material: aluminium

Opening 800 mm, fixed attachment point,
not selectable (right hand door)



For implementation using superimposed load,
4x BARRIER-V20 weights required for each door side.



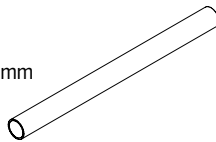
HANDRAIL

BARRIER-R11

ALUMINIUM PIPE, STRAIGHT

Diameter x Wall thickness x Length: 36 x 2.5 x 3000 mm

Material: aluminium



BARRIER-R21

LINEAR TIE

Material: aluminium, stainless steel (AISI 304)

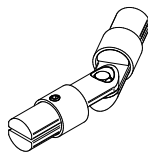


For connection of two BARRIER-R11 pipes

BARRIER-R31

CORNER TIE

Material: Aluminium, plastic



For creating a corner with two BARRIER-R11 pipes
 Variably adjustable angle

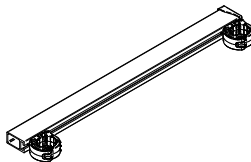
BARRIER-S23

SIDE BAR

Length x Width x Height: 565 x 45 x 25 mm

Material: Aluminium, aluminium/zinc,
 stainless steel

Stiffening strut for BARRIER-R11 pipe



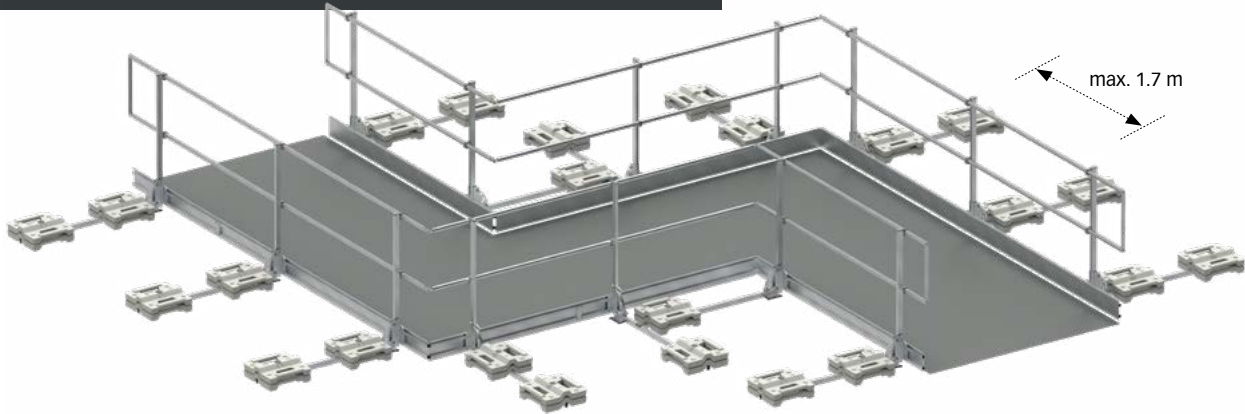
UNIVERSAL APPLICATION POSSIBILITIES

SHAVINGS-FREE INSTALLATION

DISCREET FLUSH-MOUNTED DESIGN

BARRIER / guardrail system

SYSTEM VARIO escape route

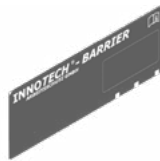


The SYSTEM-VARIO escape route from INNOTECH is held by self supporting load and therefore installed without roof perforation. The width of the flexible system is adjustable, requires significantly less material because of the greater separation distances, and therefore reduces the superimposed load.

RATING PLATE

BARRIER-Z11

RATING PLATE FOR BARRIER
(EN 13374/EN ISO 14122-3/DIN 14094-2)

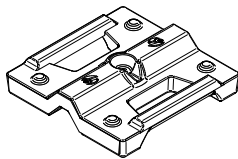


FOOT ELEMENT

BARRIER-V20

VARIO WEIGHT

Height x Width x Length: 93 x 390 x 390 mm
Weight: 12.5 kg
Material: Concrete

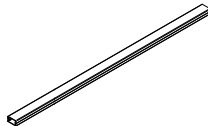


Concrete weight for BARRIER-V12 foot unit

BARRIER-S22-1300

VARIO BOOM

Length: 1300 mm
Material: aluminium



Standard boom for VARIO system,
escape route as per plans

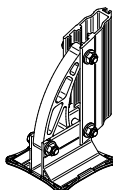
Special lengths upon request

BARRIER-V12

VARIO-FOOT UNIT

Material: Aluminium, stainless steel (AISI 304), plastic

VARIO foot unit without boom/post, for creation of a collective side protection held by superimposed load, including protective plate



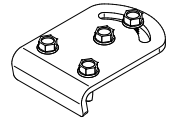
FOOT ELEMENT

BARRIER-V92

VARIO-CORNER TIE

Material: stainless steel (AISI 304)

For the connection of two BARRIER-S22 booms



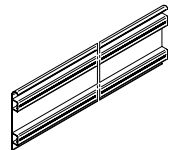
TOE BOARD

BARRIER-F20

TOE BOARD

Height x Width x Length: 170 x 20 x 3000 mm
Material: aluminium

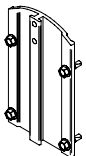
Suitable for use with BARRIER-S20/S21 post and
VARIO BARRIER-V12 foot unit,
when no parapet higher than 150mm is present.



BARRIER-F22

TOE BOARD BRACKET FOR FASTENING
THE TOE BOARD TO THE VARIO BARRIER-V12 FOOT UNIT
Material: aluminium, stainless steel (AISI 304)

for fastening the BARRIER-F20 toe board
to the VARIO BARRIER-V12 foot unit

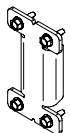


BARRIER-F23

TOE BOARD CONNECTOR SET

Material: aluminium, stainless steel (AISI 304)

for connecting two BARRIER-F20 toe boards



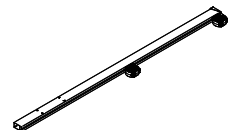
POST

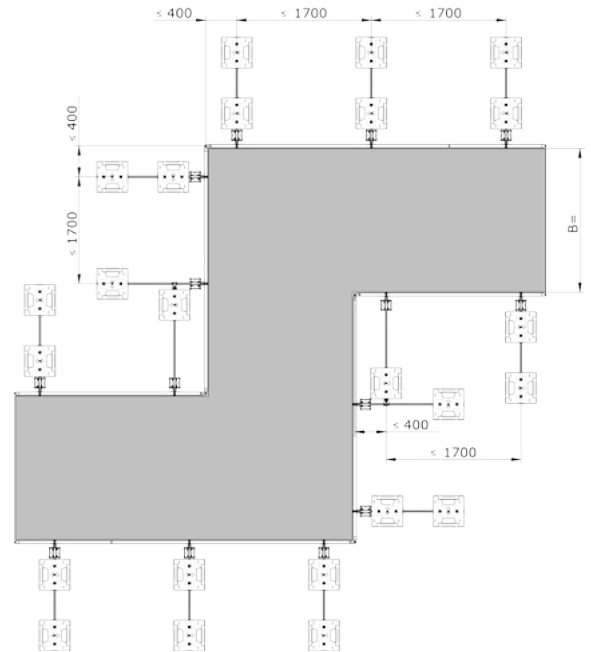
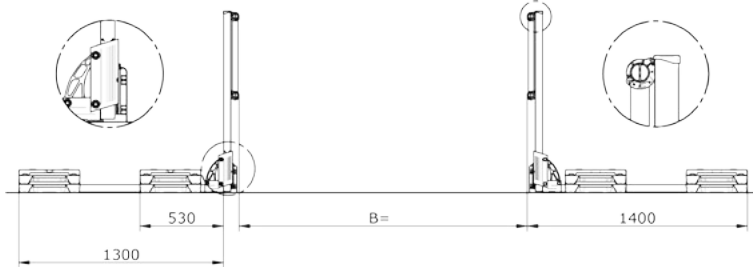
BARRIER-S20-1140

POST, VARIO SYSTEM, STRAIGHT

Length: 1080 mm
Material: Aluminium/zinc, stainless steel

Standard post for VARIO system including pipe bracket.





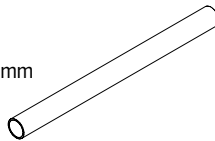
HANDRAIL

BARRIER-R11

ALUMINIUM PIPE, STRAIGHT

Diameter x Wall thickness x Length: 36 x 2.5 x 3000 mm

Material: aluminium



BARRIER-R21

LINEAR TIE

Material: aluminium, stainless steel (AISI 304)

For connection of two BARRIER-R11 pipes

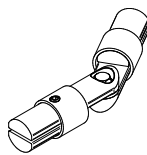


BARRIER-R31

CORNER TIE

Material: Aluminium, plastic

For creating a corner with two BARRIER-R11 pipes
 Variably adjustable angle



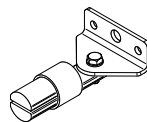
BARRIER-R41

WALL TIE

Substructure: Concrete, steel construction

Material: Aluminium, plastic

Variably adjustable angle



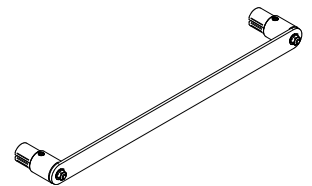
HANDRAIL

BARRIER-R51

END SEAL

Material: aluminium

End seal for two BARRIER-R11 pipes
 Projection of pipe max. 500 mm



BARRIER-R91

CAP FOR BARRIER-R11 ALUMINIUM PIPE

Diameter x thickness: 36 x 2 mm

Packaging unit: 2 items

Material: Plastic

Cap for BARRIER-R11 pipes
 Projection of pipe max. 350 mm



DOOR

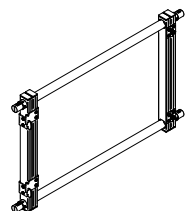
BARRIER-T30

DOOR SET

Material: aluminium

Opening 800 mm, fixed attachment point,
 not selectable (right hand door)

For implementation using superimposed load,
 4x BARRIER-V20 weights required for each door side.



System concrete slabs for escape route

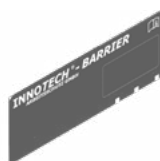


The escape route system from INNOTECH, using concrete slabs, is held in place by superimposed load, and installed without roof penetration. The width of the flexible system is adjustable, and is extremely space-saving thanks to the innovative design.

RATING PLATE

BARRIER-Z11

RATING PLATE FOR BARRIER
(EN 13374/EN ISO 14122-3/DIN 14094-2)



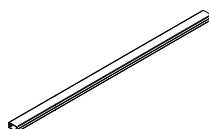
FOOT ELEMENT

BARRIER-S22-1300

VARIO BOOM
Length: 1300 mm
Material: aluminium

Standard boom for VARIO system,
escape route as per plans

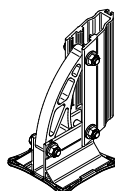
Special lengths upon request



BARRIER-V12

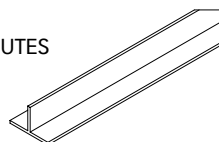
VARIO-FOOT UNIT
Material: Aluminium, stainless steel (AISI 304), plastic

VARIO foot unit without boom/post, for creation of a collective
side protection held by superimposed load,
including protective plate



BARRIER-Z50-3000

FOOTWAY RAIL FOR EMERGENCY ESCAPE ROUTES
Height x Width x Length: 50 x 80 x 3000 mm
Application: Escape routes
Material: aluminium



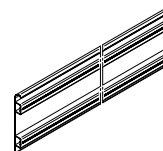
For the creation of escape routes using concrete slabs

TOE BOARD

BARRIER-F20

TOE BOARD
Height x Width x Length: 170 x 20 x 3000 mm
Material: aluminium

Suitable for use with BARRIER-S20/S21 post and
VARIO BARRIER-V12 foot unit, when no parapet higher
than 150mm is present.



BARRIER-F22

TOE BOARD BRACKET FOR FASTENING THE TOE BOARD
TO THE VARIO BARRIER-V12 FOOT UNIT
Material: aluminium, stainless steel (AISI 304)

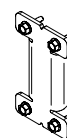
for fastening the BARRIER-F20 toe board
to the VARIO BARRIER-V12 foot unit



BARRIER-F23

TOE BOARD CONNECTOR SET
Material: aluminium, stainless steel (AISI 304)

for connecting two BARRIER-F20 toe boards



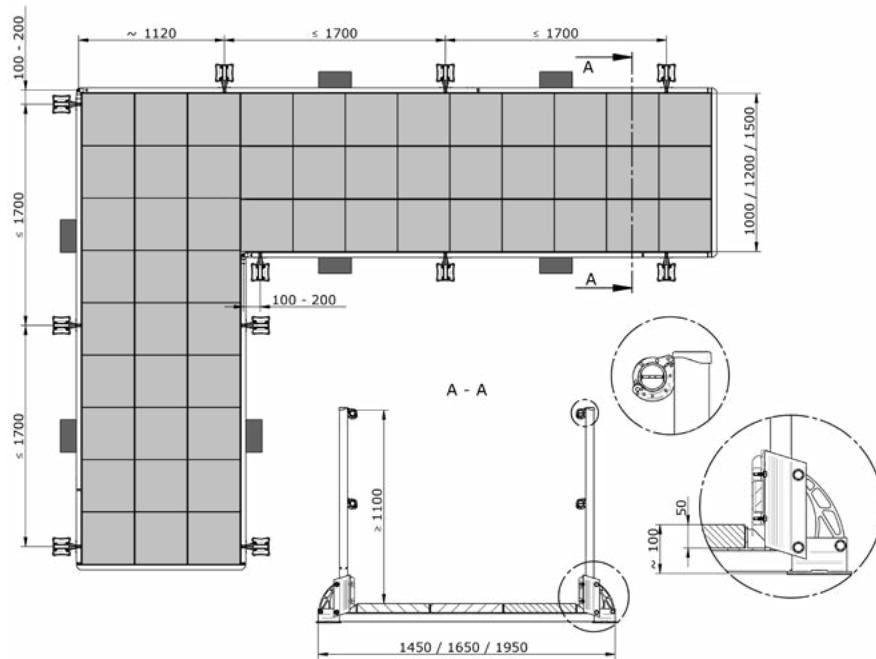
POST

BARRIER-S20-1140

POST, VARIO SYSTEM, STRAIGHT
Length: 1080 mm
Material: Aluminium/zinc, stainless steel

Standard post for VARIO system including pipe bracket.





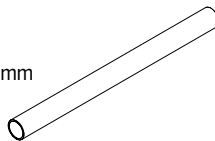
HANDRAIL

BARRIER-R11

ALUMINIUM PIPE, STRAIGHT

Diameter x Wall thickness x Length: 36 x 2.5 x 3000 mm

Material: aluminium



BARRIER-R21

LINEAR TIE

Material: aluminium, stainless steel (AISI 304)

For connection of two BARRIER-R11 pipes

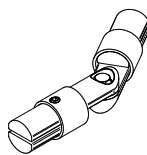


BARRIER-R31

CORNER TIE

Material: Aluminium, plastic

For creating a corner with two BARRIER-R11 pipes, variably adjustable angle



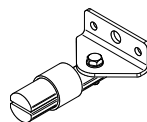
BARRIER-R41

WALL TIE

Substructure: Concrete, steel construction

Material: Aluminium, plastic

Variably adjustable angle



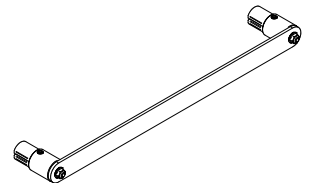
HANDRAIL

BARRIER-R51

END SEAL

Material: aluminium

End seal for two BARRIER-R11 pipes
Projection of pipe max. 500 mm



BARRIER-R91

CAP FOR BARRIER-R11 ALUMINIUM PIPE

Diameter x thickness: 36 x 2 mm

Packaging unit: 2 items

Material: Plastic

Cap for BARRIER-R11 pipes

Projection of pipe max. 350 mm



DOOR

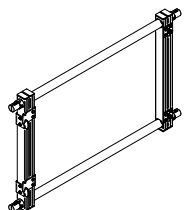
BARRIER-T30

DOOR SET

Material: aluminium

Opening 800 mm, fixed attachment point, not selectable (right hand door)

When used with superimposed load, 4x BARRIER-V20 weights required on each side



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SKYLIGHT PROTECTION SYSTEM

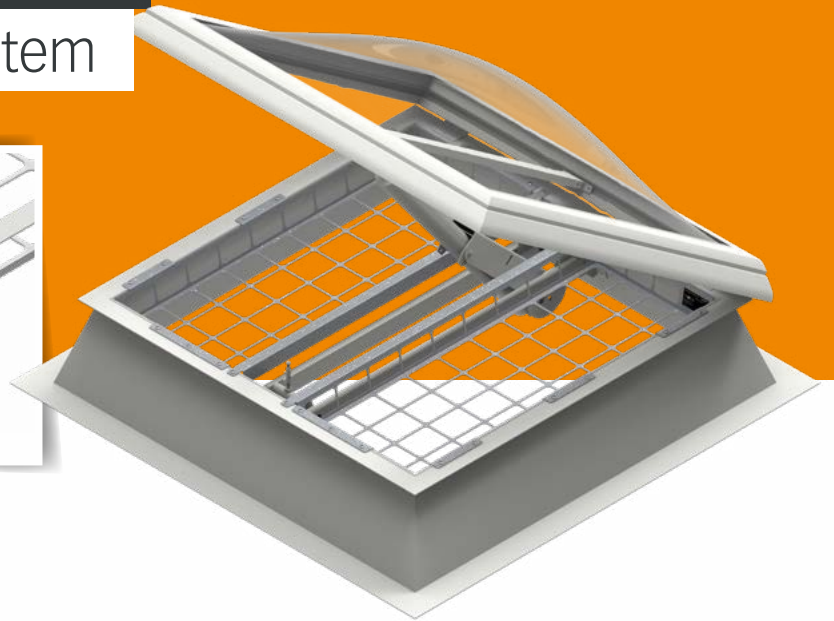
*SIMPLE TO INSTALL
INDIVIDUAL SOLUTIONS*

INNOTECH® Arbeitsschutz GmbH

FALL-THROUGH PROTECTION

LIGHT

Skylight protection system



The sky LIGHT collective fall protection system from INNOTECH can be implemented in any desired dimensions, and is a robust solution for very varied types of skylights and strip lights.

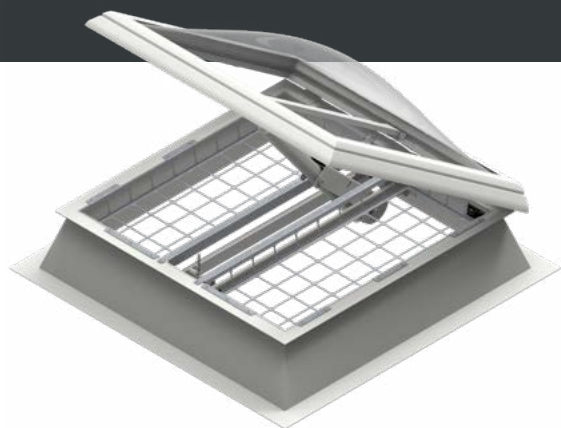
- Fall-through protection for open and enclosed skylights
- High visual quality for office and sales areas (RAL if required)
- High permeability to light and smoke
- Simple to install or retrofit
- Individual solutions possible for various types of skylights

Installation is quick and straightforward, and is possible on wood, concrete, steel, and plastic.

- Variable section sizes for opening mechanism
- Dynamically tested using 100 kg from a fall height of 1.2 m
- Certification to the latest state of the art:

GS-BAU-18 version of February 2001
EN 1873:2016
EN 14963:2006

LIGHT



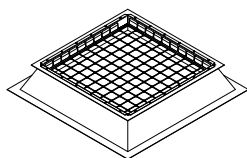
LIGHT | SKYLIGHT PROTECTION SYSTEM

LIGHT SKYLIGHT PROTECTION SYSTEM

Material: galvanised steel
Mesh width: max. 100 x 100 mm

High light and smoke permeability,
straightforward installation,
and easy retrofitting

Various RAL colours, other mesh widths and special shapes
(e.g. round) available on request



SIMPLE TO INSTALL

LIGHT-FLEX

Skylight fall-through protection system



The flexible LIGHT-FLEX collective fall protection system from INNOTECH can be implemented in any desired dimensions, and is a robust solution for very varied types of skylights and strip lights.

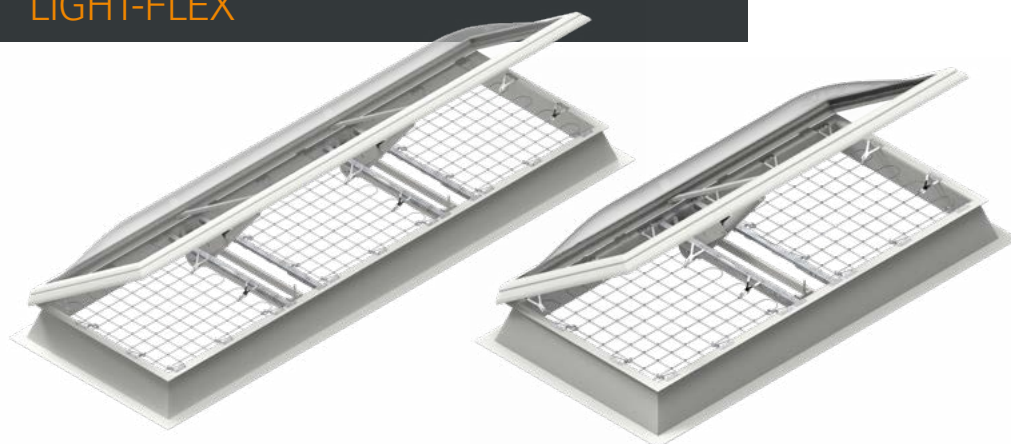
- Flexible fall-through protection for open and enclosed skylights
- Especially also for the protection of strip lights
- Simple to install or retrofit
- Variable size adjustment even during the installation
- Variable section sizes for opening mechanism

The system is a winner because installation is quick and straightforward, and is possible on wood, concrete, steel, and plastic.

- Also for smoke/heat extraction systems
- Express delivery available upon request
- High permeability to light and smoke
- Certification to the latest state of the art:

GS-BAU-18
EN 1873:2016
EN 14963:2006

LIGHT-FLEX

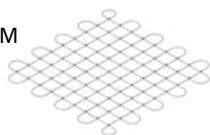


LIGHT | SKYLIGHT PROTECTION SYSTEM

LIGHT-FLEX-NET-01

SKYLIGHT FALL-THROUGH PROTECTION SYSTEM

Material: galvanised steel
Mesh width: max. 100 x 100 mm



High light and smoke permeability - straightforward installation and easy retrofitting

LIGHT-FLEX-KARI

SCREW CARABINER FOR LIGHT-FLEX-BEF-01

Material: galvanised steel
Load capacity: 125 kg



LIGHT-FLEX-RWA-01

STIFFENING RAIL FOR LIGHT-FLEX-BEF-0

Material: galvanised steel
Adjustment ranges:
1165 mm: 800 to 1165 mm
1525 mm: 1150 to 1525 mm
1900 mm: 1525 to 1900 mm



Stiffening rail for LIGHT-FLEX-NET-01 for skylights with smoke and heat extraction system

LIGHT-FLEX-BEF-01

FASTENING HOLDER FOR LIGHT-FLEX

Material: galvanised steel
Length: 130 mm
Width: 90 mm



LIGHT-FLEX-BEF-02

FASTENING HOLDER FOR LIGHT-FLEX, PRE-CANTED

Material: galvanised steel
Length: 136 mm
Width: 90 mm

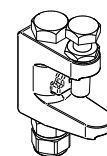


SKYLIGHT PROTECTION SYSTEM

LIGHT-FLEX-BEF-40

BEAM CLAMP FOR LIGHT-FLEX-BEF-01

Material: galvanised steel
Flange thickness: 5 to 26 mm



HILTI MAB-13 beam clamp for LIGHT-FLEX-BEF-01
Available only upon request

*VARIABLE SIZE ADJUSTMENT EVEN
DURING THE INSTALLATION
HIGH PERMEABILITY TO LIGHT
AND SMOKE
ESPECIALLY FOR
THE PROTECTION OF ROOF LIGHTS*

LIGHT-FLEX / skylight fall-through protection

TEMPORARY PROTECTION

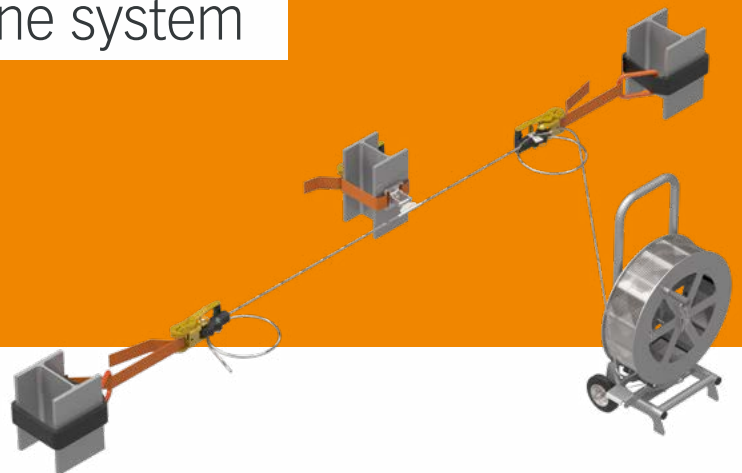
*MOBILE
RAPID INSTALLATION
SIMPLE TO INSTALL*

INNOTECH® Arbeitsschutz GmbH

LIFELINE SYSTEM

TEMP

Temporary horizontal lifeline system



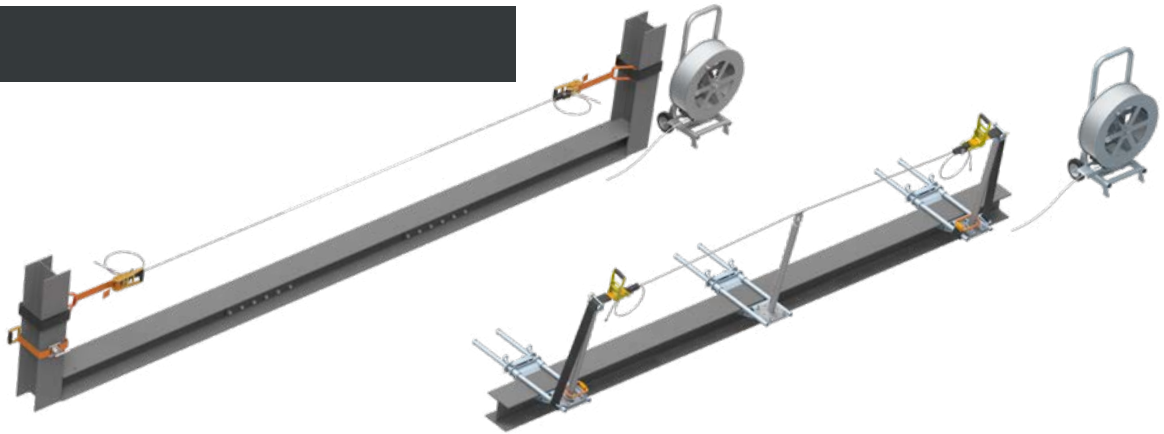
TEMP, the simple temporary horizontal lifeline system from INNOTECH is quickly installed and removed, and is therefore especially suitable for short-term installation requirements on building sites or on industrial construction sites having very varied support structures (steel, facade, warehouse, and bridge construction, etc.). A practical lashing strap

ratchet and a braked cable pulley with up to 150 m stainless steel cable provide the maximum possible flexibility for temporary use.

- Mobile lifeline system
- Ideal for steel, facade, warehouse, and bridge construction
- Adapts individually to very varied fastening options (round columns, steel construction, INNOTECH anchorage points)
- Simple and quick installation and removal
- Braked cable pulley with up to 150 m stainless steel cable
- End lock with integrated shock absorber
- Up to 20 m separation between intermediate brackets can be achieved
- Certification to the latest state of the art:

EN 795:2012 TYPES B and C
 CEN/TS 16415:2013

TEMP

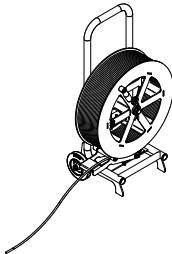


CABLE | STAINLESS STEEL

TEMP-HASPEL-10 MOBILE CABLE PULLEY

Material: stainless steel (AISI 316), galvanised steel, decelerated cable drum for the practical paying out and winding in of the stainless steel cable (AIO-SEIL-30)

TEMP-HASPEL-10-150 including 150 m stainless steel cable, weight ~85 kg

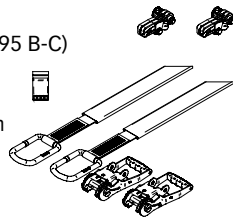


ENDS | END LOCK

TEMP-ENDS-10 TEMPORARY END LOCK SET WITH INTEGRATED SHOCK ABSORBER (EN 795 B-C)

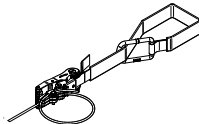
Substructure: steel or concrete support
Application: steel, facade, and bridge construction
Belt length: 4 m
Material: aluminium (anodised), plastic, galvanised steel
Complete set for one cable span (packing unit = 2 items)

can be quickly attached and removed at any point of the stainless steel cable (AIO-SEIL-30) – attachment by means of lashing strap on steel or concrete support



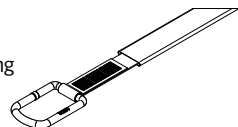
ENDS-10

Anodised aluminium, stainless steel A2, galvanised steel



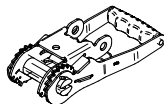
POLYESTER HARNESS STRAP

50 x 4000 mm with powder-coated steel end fitting and protective polyester hose with smooth PVC coating Ø 35 x 2000 mm



RATCHET

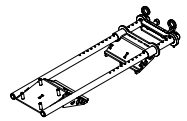
50 mm, 18 teeth, 5000 daN; made from galvanised steel, with plastic handle



BEF | FASTENING

BEF-412 CLAMPING CONSOLE, STEEL CONSTRUCTION

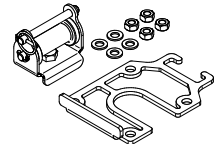
Material: galvanised steel
Flange thickness: 10 to 40 mm
Width of steel girder: 125 to 415 mm



BEF-412-1 GUIDE PULLEY, STEEL CONSTRUCTION

Material: galvanised steel

for the creation of an end-point in a temporary lifeline system (TEMP-ENDS-10)

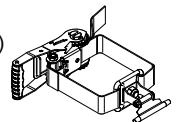


SZH | INTERMEDIATE BRACKET

TEMP-SZH-10 TEMPORARY INTERMEDIATE BRACKET (EN 795 B-C)

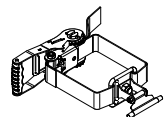
Material: aluminium (anodised), plastic, galvanised steel
Substructure: steel or concrete support
Application: steel, facade, and bridge construction
Belt length: 2.5 m

Attachment is made using a lashing strap on steel or concrete support (packing unit = 1 item)



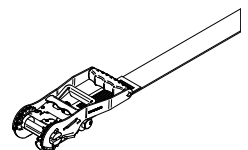
SZH-10

Stainless steel A2 and nickelled steel



POLYESTER HARNESS STRAP WITH SEWN-IN RATCHET

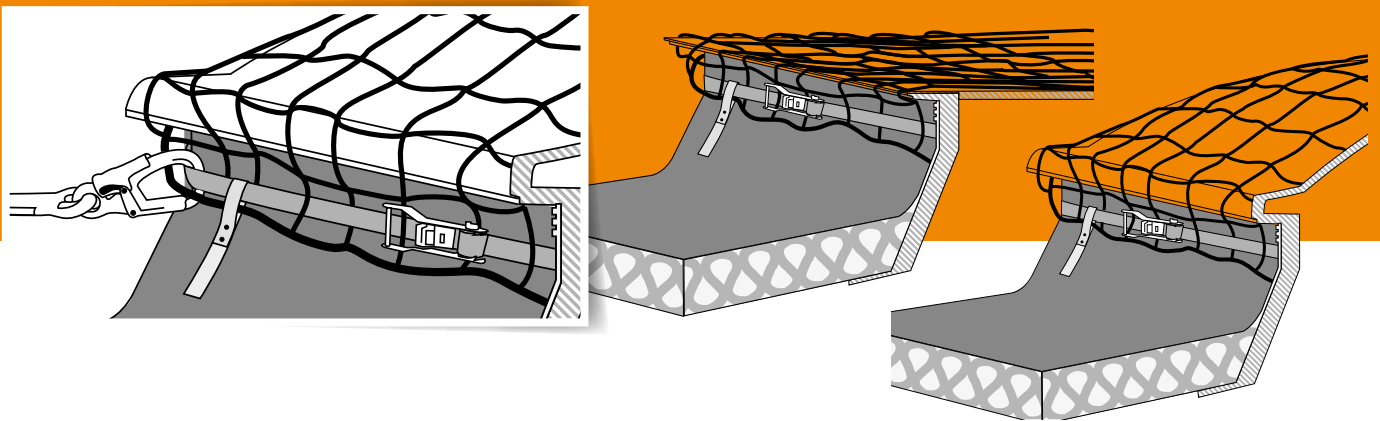
50 x 2500 mm
50 mm, 18 teeth, 5000 daN; made from galvanised steel, with plastic handle



SKYLIGHT PROTECTION SYSTEM

MOBI

Mobile skylight fall-through protection



The MOBI mobile skylight fall-through protection from INNOTECH, made from high-strength polypropylene, is used as a fall-through protection system, and also as a single anchor point for one person.

- For the temporary protection of skylights
- Can additionally be used as a single anchor point
- Simple and quick installation by means of holding straps
- Attached by a lashing strap to the skylight – causes no damage to the skylight

It guarantees ideal safety, especially for clearing or maintenance work, and is extremely practical and simple to use.

- Optimum for short-term tasks
- Certification to the latest state of the art:

EN 1263-1
EN 795:2012 TYPE B

Mobile skylight fall-through protection

MOBI | SKYLIGHT PROTECTION SYSTEM

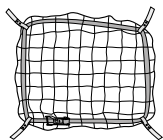
MOBI MOBILE SKYLIGHT PROTECTION SYSTEM

INCL. TEMPORARY SINGLE ANCHOR POINT

Material: plastic, galvanised steel

Sizes: 2 x 2 m (max. skylight size 1.5 x 1.5 m)

3 x 3 m (max. skylight size 2.7 x 2.7 m)



Mesh net for covering the skylight includes lashing strap

(mesh width 100 x 100 as per standard)

(lashing strap can also be used as single anchor point)

PERSONAL PROTECTIVE EQUIPMENT

*LOW WEIGHT
UNIVERSALLY USABLE
LONG WORKING LIFE*

Products from INNOTECH® Arbeitsschutz GmbH

BE SECURE AND DON'T FALL

PSA-STRING

Personal protective equipment



The STRING personal protective equipment from INNOTECH is a high-quality basic harness which can be extended with versatility, and is therefore used in numerous applications.

Its low net weight guarantees the user extremely high wearing comfort and maximum safety through automatic locks.

- Universally usable basic harness which can be extended by means of modular system (STRING-2/4)
- Can be used as a fall arrest, restraint, and positioning system
- Low weight
- Simple to put on, and maximum safety through automatic locks

- Additional insertion buckle in the chest area ensures great safety
- Certification to the latest state of the art:

EN 361
EN 354

Personal protective equipment

PSA | PERSONAL PROTECTIVE EQUIPMENT

PSA-STRING-2

Extension for PSA-STRING-1
Length: 470 mm



PSA-STRING-4

Removable shoulder pad for additional wearing comfort
of the PSA-STRING-1 safety harness



PSA | SET - BASIC

PSA-STRING-1

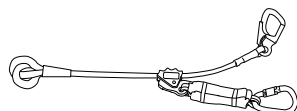
Extendable base strap (1kg) with automatic fasteners
in the carry pouch (max. rated load: 130 kg)



PSA-BRAKE-10

SHEATHED CORE ROPE (Ø 12 MM)
WITH GUIDED TYPE FALL ARRESTER
(EN 353-2 / EN 354 / EN 795)

Length: 10 m (EN 353-2/EN 358/EN 795)

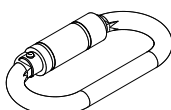


PSA-KARI-1

TRIPLE-LOCK CARABINER, ALUMINIUM (EN 362)

Material: aluminium
Load capacity: 22 kN

Closes automatically!



PSA | SET - ROOF

PSA-STRING-1

Extendable base strap (1kg) with automatic fasteners
in the carry pouch (max. rated load: 130 kg)



PSA-STRING-2

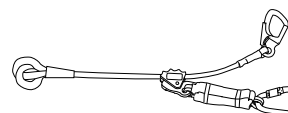
Extension for PSA-STRING-1
Length: 470 mm



PSA-BRAKE-10

SHEATHED CORE ROPE (Ø 12 MM)
WITH GUIDED TYPE FALL ARRESTER
(EN 353-2 / EN 354 / EN 795)

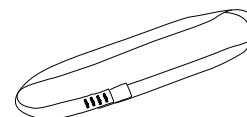
Length 10 m (EN 353-2/EN 358/EN 795)



PSA-TAPE-80

TAPE SLING (EN 354/EN 566/EN 795)

Material: Polyester (PES)
Dimensions: 25 x 2 mm
Lengths: 0.6/0.8/1.2/1.5/2.0 m
Load capacity: 22 kN



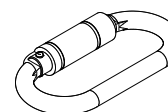
Creation of anchor points (EN 795)
Use as mountain climber equipment (EN 566)
Use as lanyard (EN 354)

PSA-KARI-1

TRIPLE-LOCK CARABINER, ALUMINIUM (EN 362)

Material: aluminium
Load capacity: 22 kN

Closes automatically!

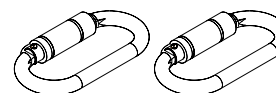


KA-TL-10-362-A2 (2X)

TRIPLE-LOCK CARABINER, STAINLESS STEEL (EN 362)

Material: stainless steel V2 (AISI 304)
Load capacity: 22 kN
Replacement carabiner for AIO-GLEIT-10/13

Closes automatically!



SHEATHED CORE ROPE

BRAKE

Lanyard



The user-friendly BRAKE lanyard from INNOTECH was developed for the most varied functions: It works as a restraint system, or is suitable for workplace positioning. In addition, it can be used as a lanyard or as a temporary horizontal lifeline system.

- Sharp-edge tested sheathed core cable with length adjustment device including shock absorber
- Can be used as a fall arrest system, restraint system, positioning system, and lanyard
- Can also be used as temporary lifeline system
- Long working life of 10 years
- Certification to the latest state of the art:

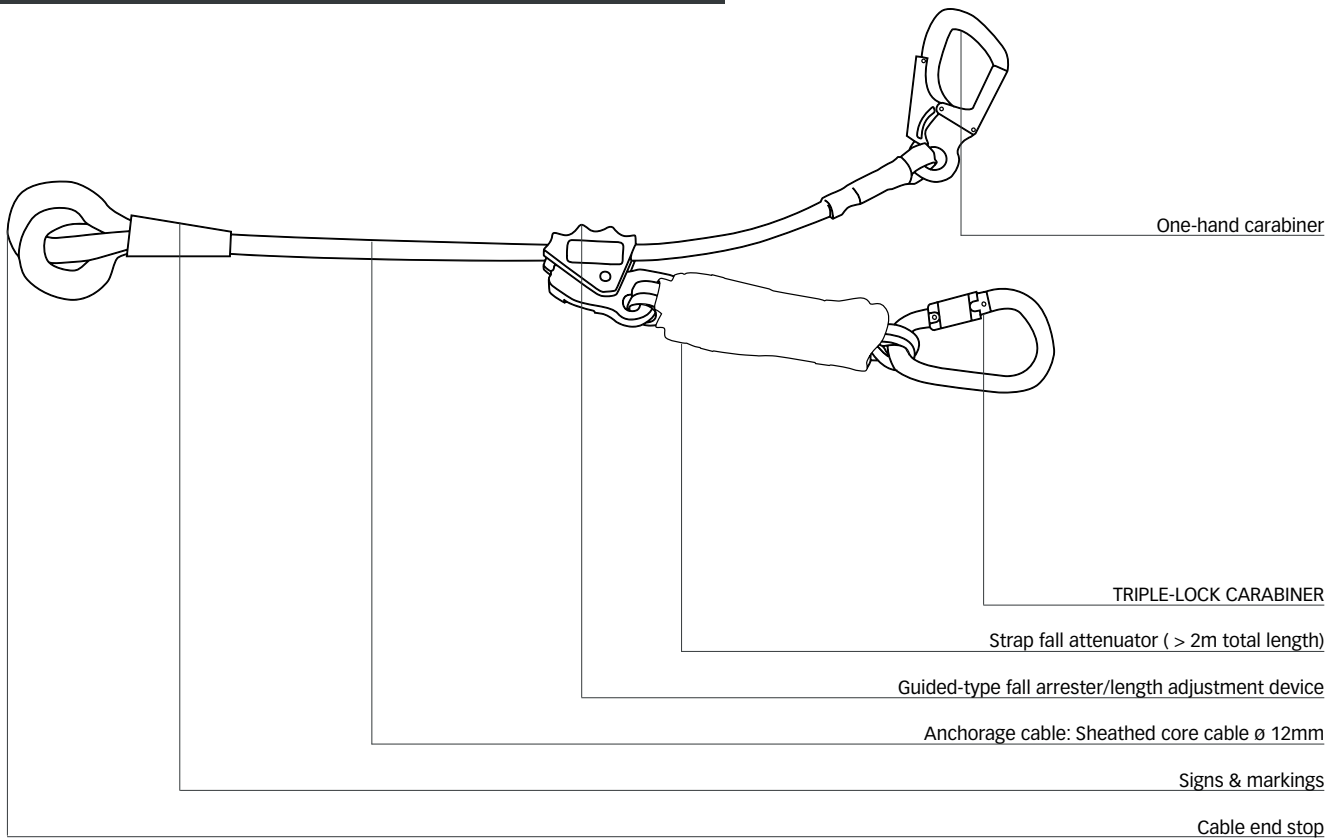


The robust sheathed core cable is flexibly adjustable lengthways and has a shock absorber.

A high-quality TRIPLE-LOCK carabiner completes the safety package and significantly minimises the risk for the user – by means of automatic buckles.

EN 795:2012 TYPES B and C, EN 354:2010,
EN 358:2000, EN 353-2:2002,
CEN/TS 16415:2013

Lanyard



PSA | BRAKE

PSA-BRAKE LANYARDS

Lengths: 2/5/10/15/20/25 m

PSA-BRAKE-5 without integrated strap fall attenuator for:

- Restraint system (EN 354)
- Positioning system (EN 358)

Starting with PSA-BRAKE-5 - with integrated strap fall attenuator for:

- Fall arrest system/restraint system (EN 353-2)
- Positioning system (EN 358)
- Temporary horizontal lifeline system (EN 795)

SHEATHED CORE ROPE

SHARK

Lanyard



The SHARK lanyard from INNOTECH has been tested for horizontal use, and is a winner because of the versatility of its functions: When used as a lanyard, as an anchorage device, as a positioning or work positioning system, or also as a guided type fall arrester on a flexible anchorage line, it stands out because of its high-quality features:

The steel core provides 100% safety, even in extreme

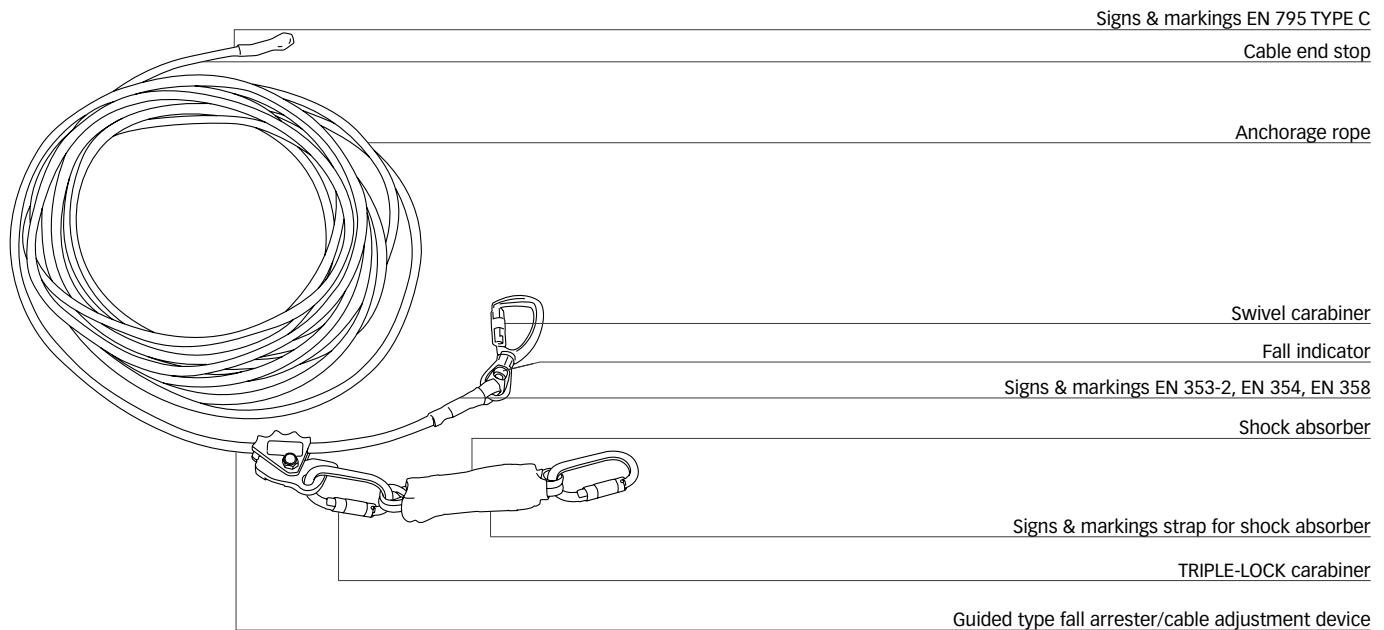
applications, and the safety cable, whose length is flexibly adjustable, can deal with any sharp edge. The risk for the user is significantly reduced by lockable Triple-Lock steel carabiners. An installed indicator automatically signals a load caused by a fall.

- Securing cable with steel core, textile covering, and variable length adjustment device
- Can also be used as horizontal lifeline system
- Steel core ensures 100% safety in extreme applications
- High-quality steel carabiner with automatic lock
- Tested for horizontal use

- Tested for corners and sharp edges as per prEN 354:2008 Annex A and CNB11/P/11.054
- Certification to the latest state of the art:

EN 795:2012 TYPES B and C, EN 354:2010, EN 358:2000
EN 353-2:2002, CEN/TS 16415:2013

Lanyard



PSA | SHARK

PSA-SHARK

SHEATHED CORE ROPE (Ø 12MM) WITH STEEL CORE AND
GUIDED TYPE FALL ARRESTER (EN 353-2/EN 358/EN 795)

Lengths: 2/5/10/15 m

PSA-SHARK-2 without integrated shock absorber, for:

- Restraint system (EN 354)
- Positioning system (EN 358)

From PSA-SHARK-5 with integrated shock absorber, for:

- Fall arrest system/restraint system (EN 353-2)
- Positioning system (EN 358)
- Temporary horizontal lifeline system (EN 795)



Imprint

Publisher: Innotech Arbeitsschutz GmbH - Laizing 10 - 4656 Kirchham – Austria

Managing director: Gerald Reiter

Image sources: INNOTECH, various suppliers

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