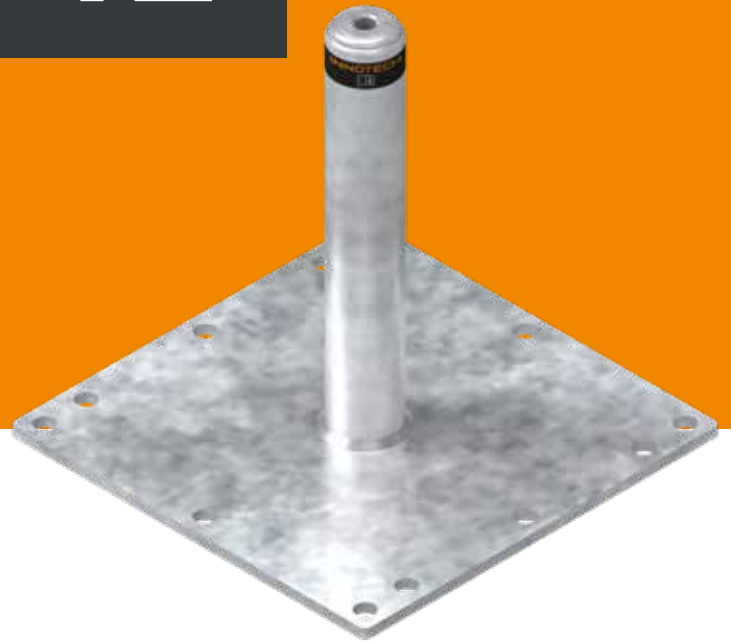


AIO

# 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



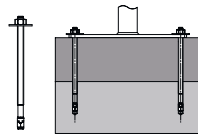
Thermal insulation cap and sealing sleeve included in product accessories  
Order a suitable fastening set at the same time

**BEF | FASTENING SET - CONCRETE**

**BEF-102**

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

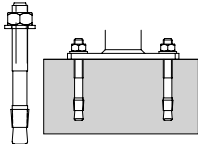
Material: galvanised steel  
Contents: 4x anchor bolts  
FISCHER FBN 12/120 + 140



**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

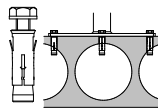


Drilling depth: min. 105mm (Ø 12mm)

**BEF-107**

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

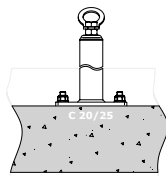
Material: galvanised steel  
Contents: 8x hollow core anchors FISCHER FHY-M10 x 52  
8x hex bolts M10 x 60 (DIN 933)  
8x washers (M10)



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

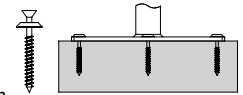


**BEF | FASTENING SET - WOOD**

**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)

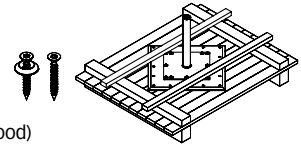


Thickness of the solid wood ceiling at least 80 mm  
Use in combination with the AIO-STA-12 post 2x BEF-209

**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)



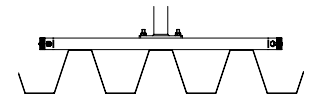
Product: AIO-STA-12  
Thickness of wooden formwork: 24 to 30 mm.  
Width of wooden formwork: 80 to 160 mm.  
OSB board thickness at least 22 mm

**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

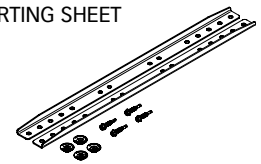


Enables optimum load distribution over the trapezoidal sheeting, very varied options for use, various combination options with BEF-303-1 or BEF-303-3

**BEF-307-1**

STABILISING LEDGE, TRAPEZOIDAL SUPPORTING SHEET

Sheet steel thickness: at least 0.63 mm

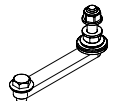


Product: EAP-QUAD-13, AIO-STA-12  
Can only be used in combination with BEF-307

**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



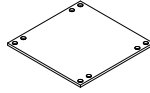
Can only be used to a limited extent in the AIO lifeline system (BEF-307-1)

**BEF | FASTENING SET - COUNTERING**

**BEF-401-12**

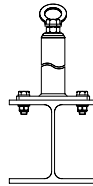
COUNTER PLATE, STEEL CONSTRUCTION  
(150 X 150 X 8 MM)

Material: galvanised steel



**STEEL BOLTS**

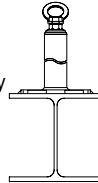
4x steel bolts M12, steel quality  $\geq 5.6$   
4x M12 lock nuts or  
4x nuts with spring-lock washer



Use suitable washers on the 4 corner bores

**WELDING**

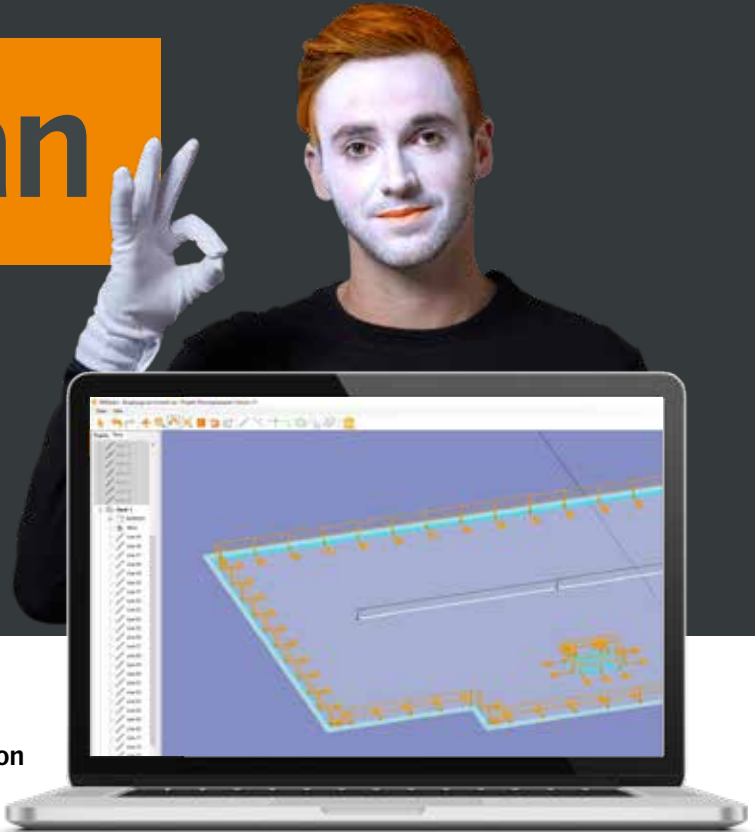
Weld seam at least A5 and 80 mm length for each base plate side  
Before welding, remove powder coating and zinc coating correctly



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
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- 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 submission 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.

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