

System post

STA 12



For safe roof work - the robust post from INNOTECH:

High-quality post for personal safety when used as an end/corner post in lifeline and rail systems.

The post, made from galvanised steel, is a member of the STA product family, and is used to secure people working on a roof. Because of the larger base plate compared with the STA 10, installation is possible on concrete, hollow concrete slab, solid wood, OSB, wooden formwork, and trapezoidal supporting

sheet. Depending on the substructure, a suitable fastening material must be selected. The post is hollow and filled with foam, which prevents cooling and water flowing through the pipe.



STA 12 system post

Use: Post for personal safety

STA 12 is very effective as an end/corner post in lifeline and rail systems. Combined with the UNI EAP 10 25 universal eyebolt from INNOTECH, it can also be used as a single anchor point. If required, the universal eyebolt can be ordered separately, and thus kept in store - with or without post - to save space. The EAP ABP 10 30 abseiling eye makes descent to a length of 600 mm possible.

Fastening spacings up to 15 m are possible in the lifeline system.

Advantages:

- Robust post made from galvanised steel
- With a suitable fastening material, installation is possible on concrete, hollow concrete slab, solid wood, OSB, wooden formwork, and trapezoidal supporting sheet
- Foam filling, which prevents cooling and water flowing through the pipe
- Flexibility and versatility thanks to the UNI EAP 10 25 universal eyebolt
- Using the EAP ABP 10 30 abseiling eye, descent to a length of 600 mm is possible
- Fastening distances in the lifeline system up to 15 m

Certification to the latest state of the art

EN 795:2012 TYPES A and C

CEN/TS 16415:2013

DIBT

Tip:

- *With the UNI EAP 10 25 universal eyebolt, the STA 12 can also be used as a single anchor point*
- *Also available in A4 stainless steel upon request*



System post

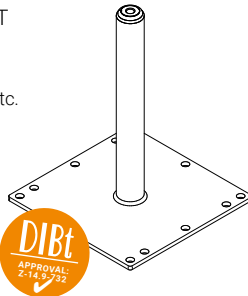
UNI | UNIVERSAL POST

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 are to be found in product accessories
 Order a suitable fastening set at the same time



UNI | ASSOCIATED EQUIPMENT

EAP 10 25

UNIVERSAL ANCHORAGE EYE

Usable thread length: 29 mm
 Thread: M16 (DIN 933, ISO 4017)
 Material: stainless steel V2A (AISI 304)

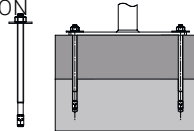


BEF | FASTENING SET - CONCRETE

BEF 102

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

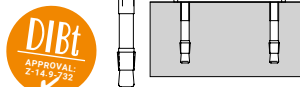
Material: galvanised steel
 Contents: 4x anchor bolts
 FISCHER FBN 12/120 + 140



BEF 104 A4

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

Material: Stainless steel V4A (AISI 316)
 Contents: 4x anchor bolts
 FISCHER FAZ II 12/10 A4

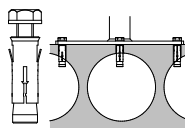


Drilling depth: min. 105 mm (Ø 12 mm)

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)



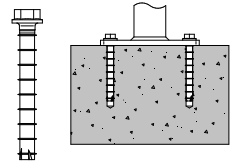
Cross section of hollow-core slab (concrete thickness) at least 30 mm

FASTENING SETS

BEF 111

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

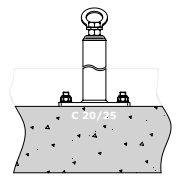
Material: galvanised steel
 Contents: 4x HILTI HUS3-H 10 x 90 VZ screw-in anchors
 Drilling depth: min. 95 mm (Ø 10mm)



ADHESIVE ANCHOR

Contents: 4x M12 threaded rods
 4x washers
 4x M12 lock nuts or
 4x nuts with spring-lock washer

Penetration depth: at least 100 mm
 Compound mortar: FISCHER FIS SB 390 S, HILTI HY 200



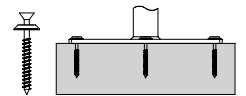
BEF | FASTENING SET - WOOD

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)

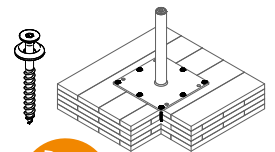
Thickness of the solid wood ceiling at least 80 mm



2X BEF 209 A2

Material: stainless steel V2A (AISI 316)
 Contents: 4x wood screws (8 x 80 mm)
 4x washers (conical)

Thickness of the solid wood ceiling at least 80 mm

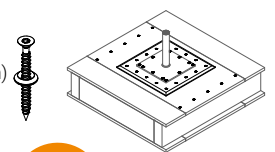


BEF 210 A2

WOODWORKING SCREW, WOOD/OSB BOARD THICKNESS AT LEAST 22 MM

Material: Wood, V2A
 Contents: 56x woodworking screws (6 x 70 mm)
 12x washers (conical)
 1x pressure regulation plate
 (500 x 500 x 15 mm, plywood)

Thickness of wooden formwork: 20 to 30 mm.
 Width of wooden formwork: 80 to 160 mm.
 OSB board thickness at least 22 mm



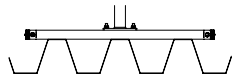
System post

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

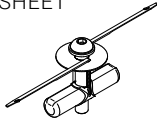


Enables optimum load distribution over the trapezoidal sheeting, very varied options for use
Different options for combining with BEF 303 1 or BEF 303 3

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

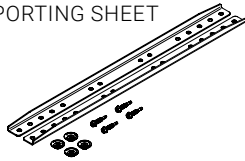


BEF 307 1

STABILISING LEDGE, TRAPEZOIDAL SUPPORTING SHEET

Sheet steel thickness: at least 0.63 mm

Must be used only in combination with BEF 307

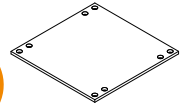


BEF | FASTENING SET - COUNTERING

BEF 401 12

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

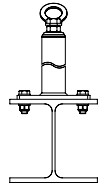
Material: galvanised steel



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.

