



ABP-10-30

Instruction manual

DE – ACHTUNG: Die Verwendung des Innotech-Produktes ist erst zulässig nachdem die Gebrauchsanleitung in der jeweiligen Landessprache gelesen wurde. DE

EN – ATTENTION: Use of the Innotech product is only permitted after the instruction manual has been read in the respective national language. EN

IT – ATTENZIONE: L'utilizzo del prodotto Innotech è permesso solo previa lettura del manuale di istruzioni nella lingua del paese corrispondente. IT

FR – ATTENTION : L'utilisation du produit Innotech n'est autorisée qu'après la lecture du mode d'emploi correspondant dans la langue du pays. FR

NL – ATTENTIE: Het gebruik van dit Innotech product is pas toegestaan, nadat de gebruikshandleiding in de taal van het betreffende land gelezen werd. NL

SE – O B S : Denna Innotech-produkt får inte användas, förrän bruksanvisningen på respektive lands språk har lästs igenom. SE

DK – GIV AGT: Det er først tilladt at anvende Innotech-produktet, før end brugsvejledningen på det pågældende lands sprog er læst. DK

ES – ATENCIÓN: El uso del producto Innotech sólo está permitido después de que se hayan leído las instrucciones de uso en el idioma del respectivo país. ES

PT – ATENÇÃO: O uso do produto Innotech apenas é permitido depois de ter lido as instruções de uso na respectiva língua nacional. PT

PL – UWAGA: korzystanie z produktu Innotech jest jedynie dozwolone po przeczytaniu podręcznika w języku narodowym. PL

RO – ATENȚIE: Utilizarea produsului Innotech este autorizată abia după ce au fost citite instrucțiunile originale de utilizare în limba țării respective. RO

SL – POZOR: Uporaba izdelka Innotech je dovoljena šele po tem, ko navodila preberete v svojem jeziku. SL

CZ – POZOR: Práce s výrobkem Innotech je povolena až po prostudování návodu k použití v příslušném jazyce daného státu. CZ

SK – POZOR: Používanie výrobku Innotech je povolené až potom, keď ste si prečítali návod na obsluhu v jazyku príslušnej krajiny. SK

HU – FIGYELEM: Az Innotech termékek használata csak az után engedélyezett, miután saját nyelvéen elolvasta a használati utasítást. HU

PY – ВНИМАНИЕ: Применение изделий Innotech допускается только после прочтения инструкции по эксплуатации на соответствующем языке. PY

Prior to use, the following safety instructions and the current state of the art must be taken into consideration.

- Completely read the instruction manual.
- These instructions for installation and use must be stored after installation and made available to the user by the building owner. Carefully complete the acceptance log, the test sheet, and the test log.
- Understand and accept the possibilities and restrictions of the protective equipment as well as the risks associated with its use.
- INNOTECH-ABP-10-30 should only be installed by specialised/competent experts familiar with the roof safety system and in compliance with the current state of the art.
- You must be familiar with these instructions, as well as with the local safety regulations as a prerequisite for installing and using the system. You must also be physically and mentally fit and trained in the use of PPE (Personal Protective Equipment).
- Medical conditions (cardiovascular problems, intake of medicines, alcohol) can affect the safety of the user when working in high places.
- Adhere to the respective accident prevention regulations (e.g. working on roofs) when installing/using the anchorage device INNOTECH-ABP-10-30.
- Measures (emergency plan) must be specified for fast rescue prior to installing/using the fall prevention system. Attention: after a fall, a longer period of suspension in personal protective equipment can cause severe injuries or even death (suspension trauma).
- Before starting the work, you must ensure that no objects can fall to the ground from the work site. The area below the work site (sidewalk, etc.) must be kept clear.
- The fitters must ensure that the substrate is suitable for fixing the anchorage device. If in doubt, consult a structural engineer.
- If uncertainties arise during installation it is imperative that you contact the manufacturer. (www.innotech.at)
- The roof covering must be properly sealed in accordance with applicable guidelines.
- Document the professional fastening of the restraint system to the building with photos of each fitting situation.
- You should plan, install and use the restraint system in such a way that no one can fall over the edge if the personal protective equipment is used properly. (See planning documents at www.innotech.at)
- The minimum free space required between the roof edge and the ground is calculated as follows: Manufacturer's specification of the personal safety equipment used + sag of the cable according to table + deflection of the cable + body height + 1 m safety margin.

- For horizontal use, only those fasteners may be used that are suited for this purpose and have been tested for the respective edges (sharp edges, trapezoidal corrugated sheeting, steel girders, concrete, etc.).
- Fall arrest devices may only be used if approved for horizontal lifeline systems by the manufacturers of these fall arrest devices.
- Make absolutely sure that the restraint system cannot be endangered by sharp edges.
- There is a hazard when combining individual elements of the specified units, since the safe function of one of the elements can be impaired through the combination (follow the specific instructions provided with each element!). Incorrect applications can result in severe or fatal injuries.
- When accessing the roof safety system, you must document the positions of the anchorage devices by means of diagrams (e.g. top view of the roof).
- Before use, you must visually check the entire restraint system for obvious defects (e.g. loose screws, deformations, abrasion, corrosion, defective roof sealing, etc.). If there are any doubts concerning the safe function of the restraint system, it must be inspected by a specialised/competent expert (written documentation).
- At least once a year, a specialised/competent expert must check the entire restraint system including the personal protective equipment used. The inspection by a specialised/competent expert must be documented in the provided test log.
- After a fall and the resulting strain, you must stop using the restraint system and have it checked by a specialised/competent expert (component parts, fastening to the substrate, etc.).
- The INNOTECH-ABP-10-30 was developed for personal safety and may not be used for other purposes. Never attach undefined loads to the restraint system.
- Do not use restraint systems if wind speeds exceed normal parameters.
- Do not make any changes to the anchorage device.
- If used on sloping roofs, roof avalanches (ice, snow) must be avoided by means of suitable devices to intercept snow.
- If you provide the restraint system to external contractors, their familiarity with the instructions for installation and use must be confirmed in writing.
- If the equipment is sold in other countries, the instructions for installation and use must be provided in the respective national language!

A product that no longer appears to be safe must not be used further, and must be replaced immediately!

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INSPECTION / SERVICE LIFE

ANNUAL INSPECTION: (= section 12)

- The restraint system must be subjected to an inspection by a competent/specialised expert who is familiar with the restraint system as the safety of the user depends on the effectiveness and durability of the equipment. The specialised expert must document the inspection on the test sheet and in the test log, which have to be stored along with the instructions for use.

If there are any doubts concerning the reliable operation of the restraint system, it must no longer be used and checked by an expert (written documentation).

ATTENTION! STOP USING THE EQUIPMENT IF:

- Damage or wear to its components is obvious
- Stress has occurred due to falling
- Damage is determined through regular inspections
- The product identification is no longer legible

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ABP-10-30

WARRANTY

Under normal use conditions there is a two year warranty on all components against manufacturing defects. However, if the system is used in particularly corrosive atmospheres, this period can be shortened.

If there is strain (from a fall) the warranty claim is void for those components that have been designed to absorb energy, or that may possibly deform and must therefore be replaced. Attention: INNOTECH does not assume any warranty in case of improper installation.

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ABP-10-30


STANDARDS

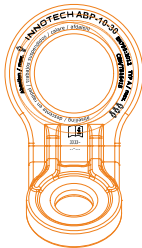
INNOTECH ABP-10-30 has been tested and certified in accordance with:
EN 795:2012 Type A and CEN/TS16415

THE NOTIFIED AUTHORITY PARTICIPATING IN THE TYPE TEST:

DEKRA EXAM GmbH, Dinnendahlstr. 9, 44809 Bochum, Germany ☎ 0158

The type test was performed in accordance with EN 795:2012

- A) Name or logo of the manufacturer / reseller: INNOTECH
- B) Type designation: ABP-10-30
- C) Number of the applicable standard: EN 795:2012 Type A
CEN/TS 16415
- D) Manufacturer's serial number and year of manufacture: YYYY-..
- E) Maximum number of people who can be secured:
– EN795:2012 Type A
3 (including 1 person for first-aid administration)
1 person
- F) Sign stating that the instructions for use must be complied with: 



Approved as an **anchorage point** for **3 people** (including 1 person for first-aid administration)

Suitable for the following fall protection systems in accordance with EN 363:2008

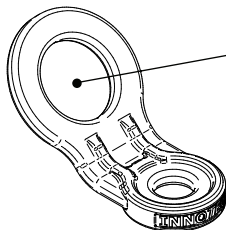
- Restraint systems
- Workplace positioning systems
- System for cable-supported accesses
- Fall arrest systems
- Rescue systems

Safe application requires that you observe the corresponding specifications provided by the PPE manufacturers.

Approved as a **abseiling eyelet** for **1 person (+ 1 person** for first-aid administration).

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ABP-10-30 APPLICATION



Eyebolt as an anchorage point for additional PPE used to prevent falls from a height


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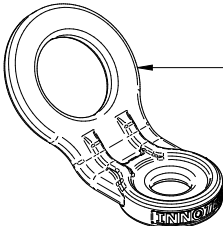
ABP-10-30 SCOPE OF DELIVERY / MATERIAL

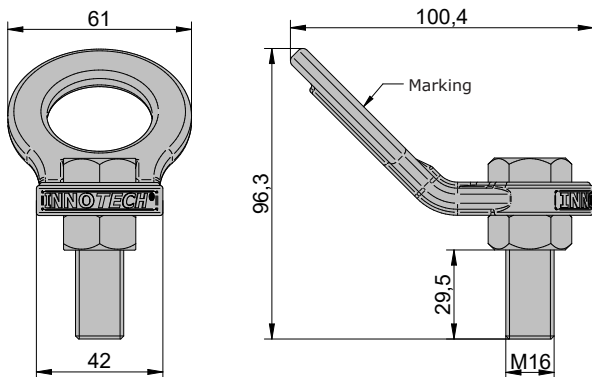
7.1 INCLUDED PARTS

1x  Product description

1x  Hex bolt w/o shaft
M16 x 50 DIN 933
A4

1x  Hex nut
M16 DIN 934
A4

1x  Anchorage point/abseiling eyelet
M16/cast iron
1.4571 V4A



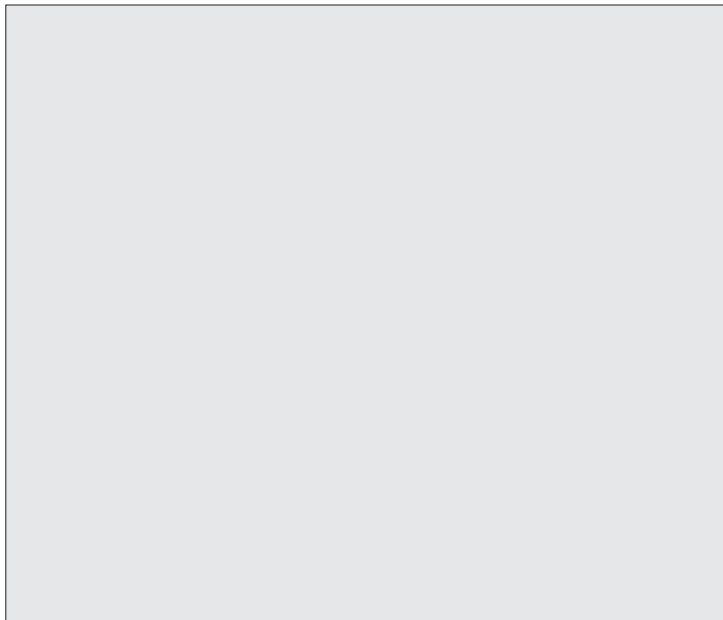
Dimensions in [mm]

9.1 FASTENING ON THE SUBSTRATE

The basic prerequisite is a **statically bearing substructure** (depending on the fitting situation [section 9.4]) or an anchorage point installed and tested in accordance with EN 795:1996 or EN 795:2012 (e.g.: INNOTECH STA-10-300, INNOTECH FALZ-45, ...). If in doubt, consult a structural engineer.

If the Innotech ABP-10-30 is used as a **abseiling eyelet**, the designated anchorage point must have an inherent stability of more than **400 kg**.

9.2 INSTALLATION NOTES



9.3 INSTALLATION TOOLS

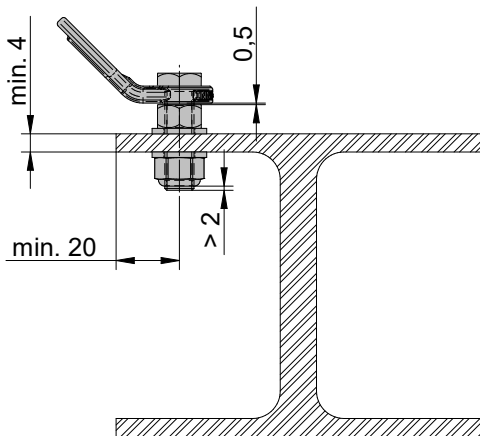
2 x



9.4 INSTALLATION SUBSTRATE STEEL GIRDER

Fastening on the steel girder:

- Minimum steel cross section 4 mm.
- Tighten lock nut or self-locking nut
Check for firm seat!
- Use the self-locking nut (not included) or the lock nut (not included) to adjust the eyebolt in such a way that it can rotate around its own axis after installation.
- After countering the nut, check the anchorage point or abseiling point for firm seat.



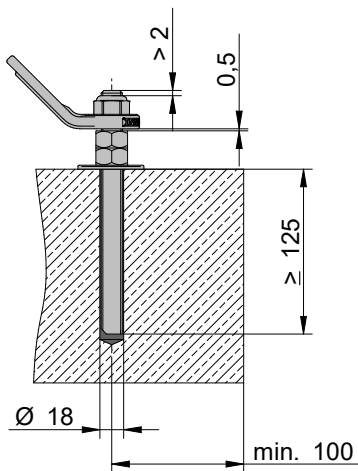
9.4 INSTALLATION SUBSTRATE CONCRETE

Fastening in concrete:

Adhesive: HILTI HY 150, FISCHER FIS V360S
or at least equivalent.

Strictly follow the original instructions provided by the adhesive manufacturer!

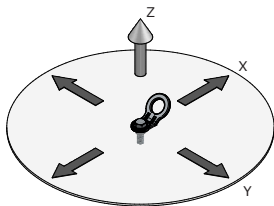
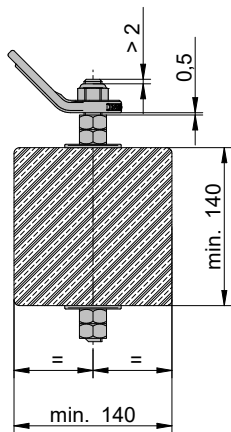
- Drill a hole \varnothing 18 mm in structural concrete 125 mm in depth.
Concrete quality at least C 20/25.
- Clean bore by blowing it out and brushing it.
- Bond in a threaded rod (not included) 125 mm deep, in accordance with the instructions for installation and use provided by the adhesive manufacturer.
- Check for firm seat.
- Use the self-locking nut (not included) or the lock nut (not included) to adjust the ABP-10-30 (eyebolt) in such a way that it can rotate around its own axis after installation.



9.4 INSTALLATION SUBSTRATE WOOD

Fastening in wood:

- Minimum timber cross section: 14/14 cm, strictly ensure that you drill in the middle.
- Tighten lock nuts or self-locking nut. (not included)
- Check for firm seat.
- Use the self-locking nut (not included) or the lock nut (not included) to adjust the ABP-10-30 (eyebolt) in such a way that it can rotate around its own axis after installation.
- After countering the nuts, check the anchorage point or abseiling point for firm seat.



DANGER TO LIFE when used in **UNAPPROVED** load directions.

- Only use INNOTECH-ABP-10-30 in the approved load directions.

ACCEPTANCE LOG

A B P - 1 0 - 3 0

ORDER NUMBER:

PROJECT:

CLIENT: Specialist: 

Company address:

CONTRACTOR: Specialist: 

Company address:

INSTALLATION: (check applicable!)PRODUCT: pcs ABP-10-30 Year of manuf. / serial number: _____ Anchorage point Abseiling eyeletSpecialist: 

Company address:

FASTENER & PHOTO DOCUMENTATION

● PRODUCT: pcs _____ Year of manufacture / serial number: _____

Type designation anchorage point (e.g.: INNOTECH STA-10-300, INNOTECH FALZ-45, ...)

● or installation substrate [section 9.4]: _____

(e.g.: solid concrete quality: C16/20; timber rafter dimensions; for steel constructions: dimensions, profile; etc.)

Date:	Location:	Dowel type: BEF/adhesive? designation	Setting depth:	Drill bit Ø:	Photos: (Storage location)
			mm	mm	
			mm	mm	

The installation company which signs warrants proper workmanship (edge spacing, inspection of the substrate, etc.)

The client accepts the services provided by the contractor. The instructions for installation and use, fastener documentation, photo documentation and test sheets have been handed over to the client (building owner) and have been made available to the user. When accessing the restraint system, the building owner must document the position of the anchorage devices by means of diagrams (e.g. top view of the roof).

The expert fitter familiar with the safety system confirms that the installation work has been executed properly, in accordance with the state of the art, and in accordance with the manufacturer's instructions for installation and use. The safety specifications for reliability are confirmed by the installation company.

Transfer of: (e.g: gliders, personal protective equipment PPE, fall arrest device HSG, storage cabinet, etc.)

 units _____ units _____ units _____ units _____Name: _____
ClientName: _____
Fitter_____
Date, company stamp, signature_____
Date, company stamp, signature

**INSTRUCTION FOR THE EXISTING
SAFETY SYSTEM**

**The building owner must affix this notice in a conspicuous location
near the access to the system!**

This system must be used in accordance with the state of the art and with the instructions for installation and use.

The storage location for the instructions for installation and use, test logs, etc. is:

- Overview diagram showing the position of the anchorage device:

**Draw in the areas where there is a break-through hazard
(e.g. light domes or / and roof lights)!**

The maximum limit values of the anchorage devices are provided in the respective instructions for installation and use or the rating plate of your system.

If there is strain caused by fall, or if in doubt, the anchorage device must be taken out of service immediately and sent to the manufacturer, or to a specialised workshop for inspection and repair.

The same applies if there is damage to the anchorage equipment.

13 COPY TEMPLATE TEST LOG

TEST LOG (part 1/2)

ABP-10-30

ORDER NUMBER: _____

PROJECT: _____

PRODUCT: _____ Year of manufacture / serial number: _____

(Type designation ANCHORAGE POINT/ABSEILING POINT)

ANNUAL SYSTEM INSPECTION EXECUTED ON: _____

CLIENT: Specialist: 

Company address:

CONTRACTOR: Specialist: 

Company address:

INSPECTION POINTS:	DEFECTS DETECTED:
<input checked="" type="checkbox"/> checked and in order	(Description of defect/ measures)
DOCUMENTATION:	
<input type="checkbox"/> Instructions for installation and use	
<input type="checkbox"/> Inspection logs/fastener/photo documentation	
PPE (personal protective equipment against falls from a height): Inspection in accordance with manufacturer's specifications	
<input type="checkbox"/> Expiration date	
<input type="checkbox"/> Annual inspection performed	
<input type="checkbox"/> Not checked (no authorisation)	
ROOF SEALING:	
<input type="checkbox"/> No damage	
<input type="checkbox"/> No corrosion	

TEST LOG (part 2/2)

ABP-10-30

ORDER NUMBER: _____

PROJECT: _____

PRODUCT: _____ Year of manufacture / serial number: _____

(Type designation ANCHORAGE POINT/ABSEILING POINT)

INSPECTION POINTS:	DEFECTS DETECTED:
<input checked="" type="checkbox"/> checked and in order	(Description of defect/measures)
VISIBLE PARTS OF THE ANCHORAGE DEVICE:	
<input type="checkbox"/> No deformation	
<input type="checkbox"/> The anchorage eye can rotate	
<input type="checkbox"/> No corrosion	
<input type="checkbox"/> Threaded joints secured	
<input type="checkbox"/> Firm seat	
<input type="checkbox"/>	

Acceptance result: The restraint system corresponds to the specifications in the manufacturer's instructions for installation and use and the state of the art. The safety specifications for reliability are confirmed.

Comments: _____

Name: _____

Client

Inspection: contractor (competent/specialised expert who is familiar with the safety system)

Date, company stamp, signature

Date, company stamp, signature

INNOTECH® Arbeitsschutz GmbH, Laizing 10, 4656 Kirchham/Austria
www.innotech.at

