

INNOTECH

SPAR-10-25



Instruction manual

DE – ACHTUNG: Die Verwendung des INNOTECH-Produkts ist erst zulässig, nachdem die Gebrauchsanleitung in der jeweiligen Landessprache vollständig gelesen und verstanden wurde.

DE

EN – ATTENTION: Use of the INNOTECH product is permitted only after the instruction manual has been read and fully understood in the respective language.

EN

IT – ATTENZIONE: L'utilizzo del prodotto INNOTECH è permesso solo previa lettura e comprensione dell'intero manuale di istruzioni nella lingua del relativo paese di utilizzo.

IT

FR – ATTENTION : L'utilisation du produit INNOTECH n'est autorisée qu'après avoir entièrement lu et compris la notice d'utilisation dans la langue du pays concerné.

FR

NL – ATTENTIE: Dit INNOTECH-product mag pas gebruikt worden nadat u de gebruikershandleiding in de taal van het betreffende land gelezen en begrepen hebt.

NL

SV – OBS: Denna INNOTECH-produkt får inte användas förrän bruksanvisningen på respektive lands språk har lästs igenom och förstås.

SV

DK – GIV AGT: Du må først bruge et produkt fra Innotech, efter du har læst og forstået brugsvejledningen i fuldt omfang i dit lands sprog.

DK

ES – ATENCIÓN: Se autorizará el uso de los productos INNOTECH una vez que se hayan leído y entendido las instrucciones de uso en el idioma del país.

ES

PT – ATENÇÃO: O uso do produto INNOTECH apenas é permitido depois de ter lido e compreendido na totalidade as instruções de uso na respetiva língua nacional.

PT

PL – UWAGA: Produkty firmy INNOTECH mogą być używane dopiero po dokładnym zapoznaniu się z całą instrukcją obsługi w ojczystym języku.

PL

TR – DİKKAT: INNOTECH ürününün kullanımına ancak ilgili ülkenin dilinde sunulmuş olan kullanım kılavuzunun tamamen okunmasından ve anlaşıldığından sonra izin verilir.

TR

SL – POZOR: Uporaba izdelka INNOTECH je dovoljena šele po tem, ko ste navodila prebrali v celoti v ustreznem jeziku svoje dežele in jih tudi razumeli.

SL

CZ – POZOR: Práce s výrobkem INNOTECH je povolena teprve po kompletním přečtení a porozumění návodu k použití v jazyku daného státu.

CZ

SK – POZOR: Produkt INNOTECH môžete používať až po prečítaní a porozumení celého návodu na použitie pre príslušnú krajinu.

SK

HU – FIGYELEM: Az INNOTECH termékek használatára csak azt követően engedélyezett, hogy saját nyelvén elolvasta és megértette a teljes használati utasítást.

HU

ZH – 注意: 只有在仔细阅读并完全理解了当地语言的使用说明后, 才能使用 INNOTECH 公司的产品。

ZH

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Warning/danger information

For a DIRECTLY threatening hazard which results in serious physical injury or death.



For a potentially DANGEROUS situation which results in serious physical injury or death.



For a POTENTIALLY dangerous situation which could result in slight physical injuries and material damage.

**Additional information/tip**

correct



wrong

Comply with the following safety instructions and the latest state of the art.

3.1 GENERAL

- The restraint system may be fitted or used only by persons who:
 - are trained in "personal protective equipment" (PPE).
 - are in good physical and mental health. Medical conditions such as cardiovascular problems, intake of medicines, consumption of alcohol negatively affect the safety of the user.
 - are familiar with the locally applicable safety regulations.
- The restraint system may be installed only by specialised experts familiar with the roof safety system and in compliance with the current state of the art.
- When installing/using the INNOTECH "SPAR-10-25" anchorage device, comply with the respective accident prevention regulations (e.g. working on roofs).
- A plan must be available that specifies rescue procedures for all possible emergencies. **Attention!** After a fall, an extended period of suspension in the personal protective equipment can cause severe injuries or even death (suspension trauma).
- Before starting work, ensure that no objects can fall to the ground from the work site. The area below the work site (pavement, etc.) must be kept clear.
- Plan, install, and use the anchorage point in such a manner that no fall over the edge is possible if the personal protective equipment (PPE) is used properly. See planning documents at www.innotech-safety.eu.
- When accessing the roof safety system, you must document the positions of the anchorage devices by means of templates (e.g. view of the roof from above).
- No changes may be made to the restraint system.
- If used on sloping roofs, roof avalanches (ice, snow) must be prevented by the use of suitable devices to hold back snow.
- After a fall and the resulting strain, you must stop using the entire restraint system and have it (component parts, fastening to the substrate, etc.) checked by a specialist.
- When installation is complete, these instructions must be stored by the building owner and made available to the user. Carefully complete the acceptance protocol, test sheet, and test log.
- Understand and accept the possibilities and restrictions of the protective equipment, as well as the risks associated with its use.
- Make particularly sure that the restraint system cannot be damaged by sharp edges.

3

SAFETY INSTRUCTIONS

- If you provide the restraint system to external contractors, understanding of these instruction manual must be confirmed in writing.
- If the equipment is sold to another country, the instruction manual must be provided in the respective national language.
- Comply with the local lightning protection regulations.

3.2 SAFE INSTALLATION

- All stainless steel bolts must be greased with a suitable lubricant before installation (provided: Weicon AntiSeize ASW 10000 or equivalent).
- Ensure that stainless steel does not come into contact with swarf or steel tools, as this can lead to corrosion.
- Document the correct fastening of the restraint system to the building with dowel logs, and provide photos of each installation situation.
- Only suitable for a single installation!
- The roof covering must be properly sealed in accordance with applicable guidelines.



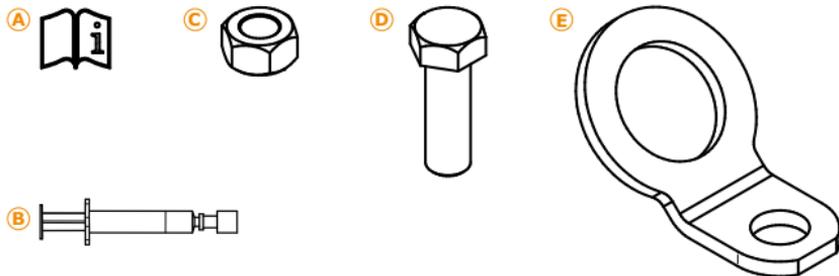
If uncertainties arise during installation, it is imperative that you contact the manufacturer.

3.3 SAFE USE

- The minimum free space necessary under the edge is calculated as follows: Deformation of the anchorage device under load + manufacturer's specification for the personal protective equipment used + body height + 1 m safety margin.
- Hazards may arise when combining individual elements of the specified equipment, since the safe function of one of the elements can be impaired. Follow the specific instructions for each element.
- Attachment to the INNOTECH "SPAR-10-25" is always made with one carabiner through the rotating anchorage eye, and this must be used with personal protective equipment in accordance with EN 361 (safety harness) and EN 363 (fall arrest system).
- **ATTENTION!** For horizontal use, only lanyards 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.).
- Do NOT use restraint systems if wind speeds are higher than normal.
- Children and pregnant women must NOT use the restraint system.

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COMPONENTS/MATERIAL



A) Instruction manual

B) Lubricant: Weicon AntiSeize ASW10000

C) Hexagonal nut M16: Stainless steel, quality A2

D) Hexagonal bolt M16 x 45: Stainless steel, quality A2

E) Anchorage eye Stainless steel, quality 1.4301

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INTENDED
USE

INNOTECH "SPAR-10-25" was developed as an **anchorage point** for the personal safety of **3 people** (including 1 person for the provision of first aid) and it is suitable for the following fall protection systems in accordance with EN 363:2008:

- Restraint systems
- Fall arrest systems
- Rescue systems



DANGER TO LIFE from incorrect use.

- Use INNOTECH "SPAR-10-25" ONLY for personal safety.
- NEVER hang loads from the INNOTECH "SPAR-10-25".



Comply with the manufacturer's instructions for the personal protective equipment being used.

6.1 CHECK BEFORE EVERY USE

Before every use, visually inspect INNOTECH "SPAR-10-25" for obvious defects.



DANGER

DANGER TO LIFE from damage to the INNOTECH "SPAR-10-25".

- INNOTECH "SPAR-10-25" must be in perfect condition.
- Do NOT continue to use INNOTECH "SPAR-10-25" if:
 - Damage or wear to its components is obvious.
 - Other defects were observed (loose threaded connections, deformation, corrosion, wear, defective roof sealing).
 - Strain has been caused by a fall (exception: provision of first aid).
 - The product identification is illegible.

Test the suitability for use of the complete restraint system on the basis of the acceptance protocol and the test log.



If there is doubt about the safe functioning of the restraint system, do NOT use it any more, and have it inspected by a specialist (written documentation). If necessary, replace the product.

6.2 INSPECT EVERY YEAR

Have INNOTECH "SPAR-10-25" inspected at least once each year by a specialist who is familiar with the restraint system. The user's safety depends on the effectiveness and reliability of the equipment.

Shorter intervals between inspections may be required, depending on the intensity of use, and the environment (e.g. in corrosive atmospheres, etc.).

Document the inspection by the specialist in the test log in the instruction manual, and keep it with the instruction manual.



The inspection intervals are found in the test log.

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WARRANTY

For normal conditions of use, the guarantee period for manufacturing defects on all parts is 2 years from the date of purchase. This period is reduced if equipment is used in corrosive atmospheres.

If there is strain (a fall, weight of snow, etc.) the warranty claim is void for those components that were designed to absorb energy, or which deform.



For system installation and for components planned and installed by specialised installation companies under their own responsibility, INNOTECH assumes neither responsibility nor warranty in the case of improper use.

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APPROVAL

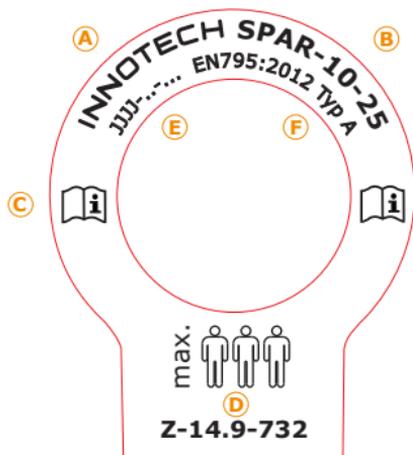
INNOTECH "SPAR-10-25" was tested and certified as an anchorage device as per **EN 795:2012 TYPE A and CEN/TS16415**.

The notified authority participating in the type test:

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

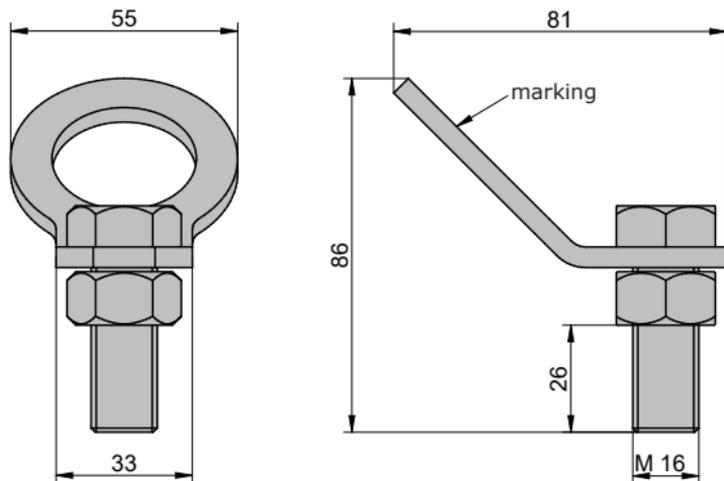
The type test was performed in accordance with EN 795:2012

A) Name or logo of the manufacturer/reseller:	INNOTECH
B) Type designation:	SPAR-10-25
C) Indication that instructions in the manual must be followed:	
D) Maximum number of people who can be secured:	3 (including 1 person for provision of first-aid)
E) Year of manufacture and manufacturer's serial number:	JJJJ-....
F) Number of the applicable standard:	EN 795:2012 TYPE A



10 DIMENSIONS

[mm]



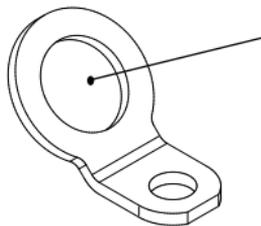
11 INSTALLATION INSTRUCTIONS

Use INNOTECH "SPAR-10-25" only as a **replacement anchorage eye** on INNOTECH post structures (anchorage points), e.g.: on

- INNOTECH "STABIL/STA-10-300"
- INNOTECH "FALZ-15/45", ...

Exception:

INNOTECH "EAP-POINT-11/-12", "EAP-VARIO-15"



Use the eyebolt as an anchorage point for additional PPE to prevent falls from a height



Read and follow the instruction manual for the respective INNOTECH product (check for compatibility).

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INSTALLATION SUBSTRATE

The basic prerequisite for correct technical installation is an INNOTECH anchorage point tested and fitted as per EN 795:1996 or EN 795:2012, and the use of the original fastener listed in this manual.



DANGER TO LIFE from installation on an unsuitable substrate.

- Install INNOTECH "SPAR-10-25" only onto INNOTECH anchorage points.
- Install INNOTECH "SPAR-10-25" anchorage points onto a static load-bearing sub-construction.
- In cases of doubt, have the installation substrate examined by a statics engineer or by the manufacturer.

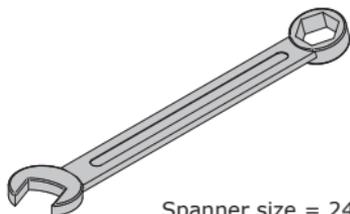


Read and follow the instruction manual for the respective INNOTECH product (check for compatibility).

13

INSTALLATION TOOL

2 x



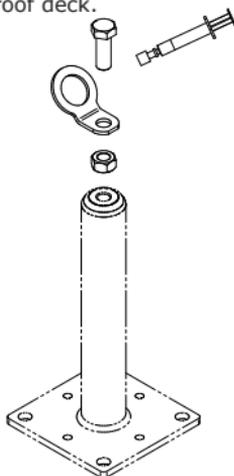
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1.

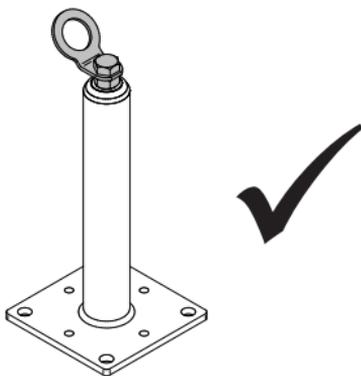


DANGER TO LIFE from installation which is **NOT** carried out correctly.

- Install INNOTECH "SPAR-10-25" correctly as per instruction manual.
- Refer to the respective instruction manual for the edge spacings of the INNOTECH anchorage point from the end of the roof deck.



2.



DONE!

Do NOT throw the restraint system into domestic waste.

As per national requirements, gather together the used parts, and send them for environmentally friendly re-use.

ACCEPTANCE LOG

S P A R - 1 0 - 2 5

ORDER NUMBER:

PROJECT:

CUSTOMER: Specialist:

Company address:

CONTRACTOR: Specialist:

Company address:

INSTALLATION: (mark with a cross where applicable)PRODUCT: Item SPAR-10-25 Year of manufacture/Serial number: _____ Single anchorage point (EAP)Specialist:

Company address:

FASTENER & PHOTO DOCUMENTATION

PRODUCT: Item _____ Year of manufacture/Serial number: _____

Type designation of anchorage point (e.g.: INNOTECH "STABIL/STA-10-300", INNOTECH "FALZ-15/45", ...)

Date:	Location:	Photos: (storage location)

The installation company which signs confirms the correct workmanship (edge spacings, inspection of the substrate, etc.)

The customer accepts the contractor's services. The instruction manual, documentation of the fastenings, photo documentation, and test sheets have been transferred to the customer (building owner) and are to be made available to the user. When accessing the restraint system, the building owner must document the positions of the anchorage devices by means of template (e.g. view of the roof from above).

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 with the manufacturer's manufacturer's instruction manual. The technical safety reliability is confirmed by the installation company.

Handover of: (e.g. Travelling eyebolt, personal protective equipment PPE, self retracting lanyard, storage cabinet etc.)

 Item _____ Item _____ Item _____ Item _____Name: _____
Customer

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 the instruction manual.

The storage location for the instruction manual, test logs, etc. is:

- Overview template showing the position of the anchorage device:

Mark non-shatter-proof areas (e.g. skylights and/or light strips)

For the maximum limit values of the anchorage device, refer to the relevant instruction manual or the type 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.

TEST LOG NO. _____ (Part 1/2)

S P A R - 1 0 - 2 5

ORDER NUMBER: _____

PROJECT: _____

PRODUCT: Item SPAR-10-25 Year of manufacture/Serial number: _____

(Type designation SINGLE ANCHORAGE POINT)

ANNUAL SYSTEM INSPECTION CARRIED OUT ON: _____

LATEST DATE FOR ANNUAL SYSTEM INSPECTION: _____

CUSTOMER: Specialist:



Company address:

CONTRACTOR: Specialist:



Company address:

INSPECTION POINTS: <input checked="" type="checkbox"/> checked and in order	DEFECTS DETECTED: (Description of defects/measures)
DOCUMENTATION:	
<input type="checkbox"/> Instruction manuals	
<input type="checkbox"/> Acceptance log/fastener documentation/ Photo documentation	
PPE (personal protective equipment against falls from a height): <i>Inspection in accordance with manufacturer's specifications</i>	
<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 NO. _____ (Part 2/2)

S P A R - 1 0 - 2 5

INSPECTION POINTS: <input checked="" type="checkbox"/> checked and in order	DEFECTS DETECTED: (Description of defects/ measures)
VISIBLE PARTS OF THE ANCHORAGE DEVICE:	
<input type="checkbox"/> No deformation	
<input type="checkbox"/> Rotation of anchorage eye	
<input type="checkbox"/> No corrosion	
<input type="checkbox"/> Threaded connections secured	
<input type="checkbox"/> Firmly seated	
<input type="checkbox"/>	

Acceptance result: The restraint system corresponds to the manufacturer's instruction manual and to the state of the art. Technical safety reliability is confirmed.

Comments: _____

Name: _____
Customer

Inspection: Contractor (specialist who is familiar with the restraint system)

Date, company stamp, signature

Date, company stamp, signature

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

