

# TAURUS-GLEIT-V-21

## Instructions for installation and use



**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

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

SV

**DK – BEMÆRK:** Produktet fra Innotech må først anvendes efter at brugsanvisningen på det pågældende lands sprog er læst igennem.

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 használatá csak az után engedélyezett, miután saját nyelvén elolvasta a használati utasítást.

HU

**ZH – 注意:** 只有在阅读了当地语言的使用说明后, 才能使用 Innotech 公司的产品。

ZH

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

- INNOTECH "TAURUS-GLEIT-V-21" may be used only in combination with the INNOTECH "TAURUS" rail system.
- Completely read this instruction manual.
- Completely read the instructions for installation and usage for the INNOTECH "TAURUS" rail system. (Consider the safety instructions!)
- These instructions for installation and usage must be stored by the building owner and made available to the user.
- Understand and accept the possibilities and restrictions of the arrest system and the protective equipment used, as well as the risks associated with its use.
- If uncertainties arise during installation/use, it is imperative that you contact the manufacturer ([www.innotech.at](http://www.innotech.at)).
- If the equipment is sold in another country, the instructions for installation and use must be provided in the respective national language!
- Fastening to the vertical rail system always occurs through the shuttle ("TAURUS-GLEIT-V-21") with the original carabiner and must be executed with a safety harness in accordance with EN 361. The maximum distance between the shuttle's fall breaker and the front fall-arrest eyelets should not exceed 11 cm (= 1 carabiner length). Attention: only use a carabiner (EN 362) that is suitable and has been tested for this application.
- Ensure that PPE is securely in place and only use the front fall-arrest eyelet.
- It is essential for the user's safety that actuating the release for the "TAURUS-GLEIT-V-21" or entry/exit "TAURUS EA-11" and using the travelling fall-arrest device ("TAURUS-GLEIT-V-21") during climbing is only possible from a safe position that does not carry a risk of falling.

**If there are any doubts concerning the reliable operation of the shuttle, it must no longer be used until it has been checked by an expert (written documentation). If necessary, the product must be replaced immediately.**

**2.1. TO BE CHECKED BEFORE EACH USE:**

- Easy movement of the running rollers
- No damage to the fall breaker
- No deformation (e.g. dislocation of the running rollers, ...)
- No corrosion
- Indications of wear or bearing damage
- No damage

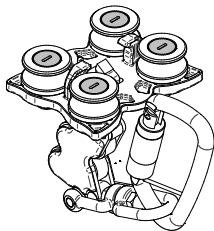
**2.2 ANNUAL INSPECTION:**

The "TAURUS-GLEIT-V-21" must be subjected to at least annually to inspection by an expert who is familiar with the arrest system, because the user's safety depends on the effectiveness and durability of the equipment. Depending on the intensity of use and the environment, it may be necessary to shorten the inspection intervals. The inspection must be documented in the "TAURUS" instructions for installation and usage by the expert, and must be stored along with these instructions for use.

**INSPECTION POINTS:**

As section 2.1

- Glued-in screwed connection secured  
(4 x running roller axle)

**2.3 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

# 3

## CARE / STORAGE

INNOTECH "TAURUS-GLEIT-V-21" is maintenance-free.

It is recommended to keep the shuttle together with the PPE.

# 4

## WARRANTY

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




# 5

## STANDARDS

INNOTECH "TAURUS-GLEIT-V-21" was tested and certified as a vertical shuttle ("travelling fall-arrest device") of the INNOTECH "TAURUS" rail system tested in accordance with **EN 353-1:2014**.

### **THE NOTIFIED AUTHORITY PARTICIPATING IN THE TYPE TEST:**

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

- A) Name or logo of the manufacturer / reseller: INNOTECH  
 B) Type designation: TAURUS-GLEIT-V-21  
 C) Number of the applicable standard: EN 353-1:2014  
 D) DEKRA EXAM GmbH: CE 0158  
 E) Year of manufacture and manufacturer's serial number: JJJJ-...-....  
 F) Sign stating that the instructions for use must be complied with:   
 G) Maximum number of people who can be secured: 1 (50 – 140kg incl. clothes + equipment)  
 H) Use only together with the INNOTECH rail system: "TAURUS":  INNOTECH TAURUS  
 I) Notice on how to properly align the shuttle on the rail system: 

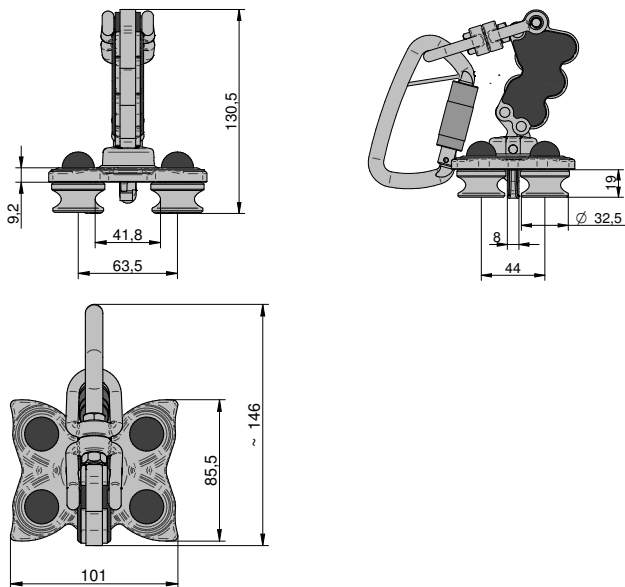


## 7

## MATERIAL / DIMENSIONS

"TAURUS-GLEIT-V-21": stainless steel AISI 304 / AISI 316

"Cover cap": polyethylene



## 8

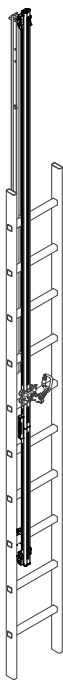
## APPLICATION

The "TAURUS-GLEIT-V-21" vertical shuttle is characterised by resistance-free travel along the entire "TAURUS" vertical rail system.

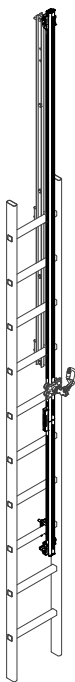
This was developed to ensure complete freedom of movement for the user without having to detach and put on the restraint system.



central application



off-center application



Approved as a travelling fall arrest device (RAIL SLIDER) for **1 person** on the vertical INNOTECH "TAURUS" rail system (tested as per EN 353-1:2014).

The maximum permitted angles of inclination for the INNOTECH "TAURUS RAIL" guide rail of the INNOTECH "TAURUS" rail system are shown in figures 1 + 2.

Figure 1

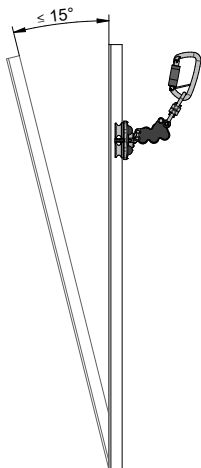
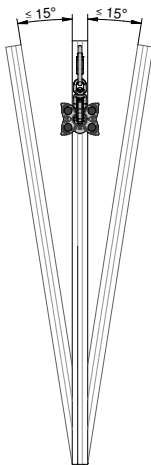


Figure 2

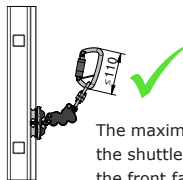
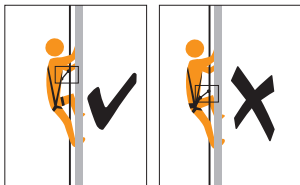




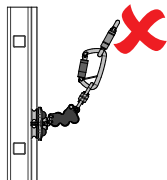
# 10

## PERSONAL PROTECTIVE EQUIPMENT

The user must be capable of selecting and properly handling the "Personal Protective Equipment (PPE) against falls from a height" in due consideration of EN 363:2008! Every person working in areas where there is a danger of falling is personally responsible for paying attention to the fall height. The connection to the anchorage device must be kept as short as possible in order to limit free fall.



The maximum distance between the shuttle's fall breaker and the front fall-arrest eyelets should not exceed 11 cm (= 1 carabiner length).



Never clip on two carabiners one after another!

# 11

## INSTRUCTIONS FOR USE

The minimum free space required between the roof edge and the ground is calculated as follows:

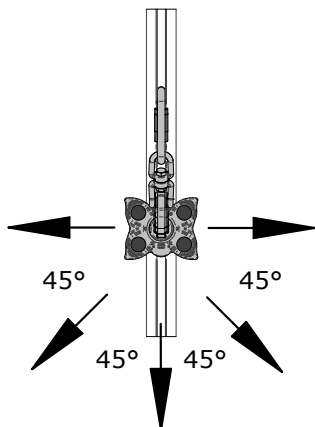
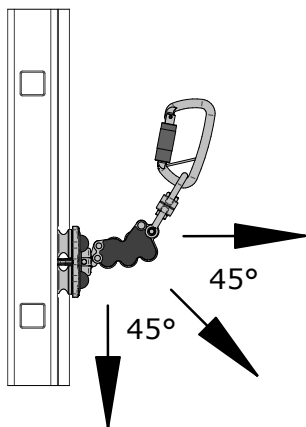
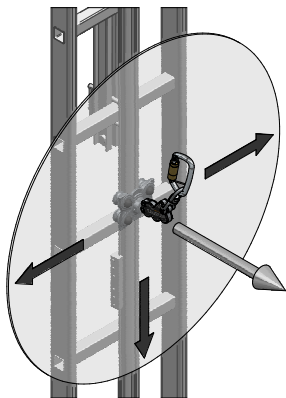
Free-fall height<sup>1</sup> (height of the unchecked fall until the PPE stops the fall)

- + Shuttle's fall breaker and braking distance (max. 1 m)
- + Shift of the fall-arrest eyelet attached to the safety harness in accordance with EN 361 (approx. 1.00 m)
- + Safety margin: 1.00 m

<sup>1</sup> ... can be avoided if positioned and used in the proper manner!

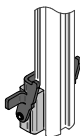
# 12 LOAD DIRECTIONS

EN

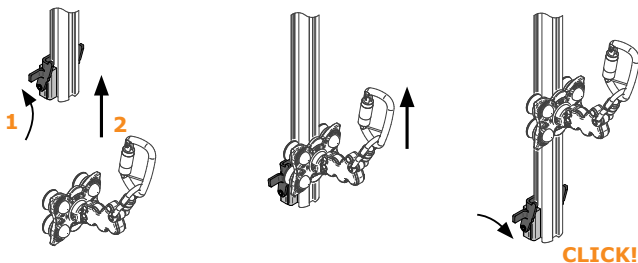


The shuttle is part of your "TAURUS" vertical rail arrest system. It can be attached or removed only at the "TAURUS EA-11" exit/entry. However, it must be remembered that the restraint of the person ends when he is detached from the system, and if a continuing risk of falling exists, another suitable measure of restraint must be present.

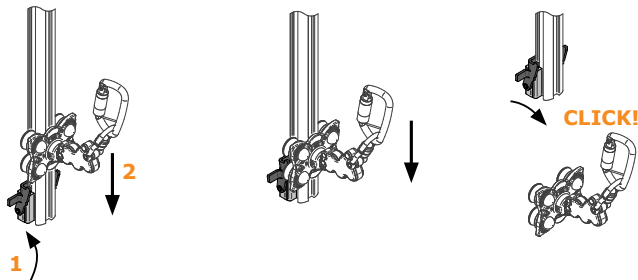
## Entry / exit EA-11

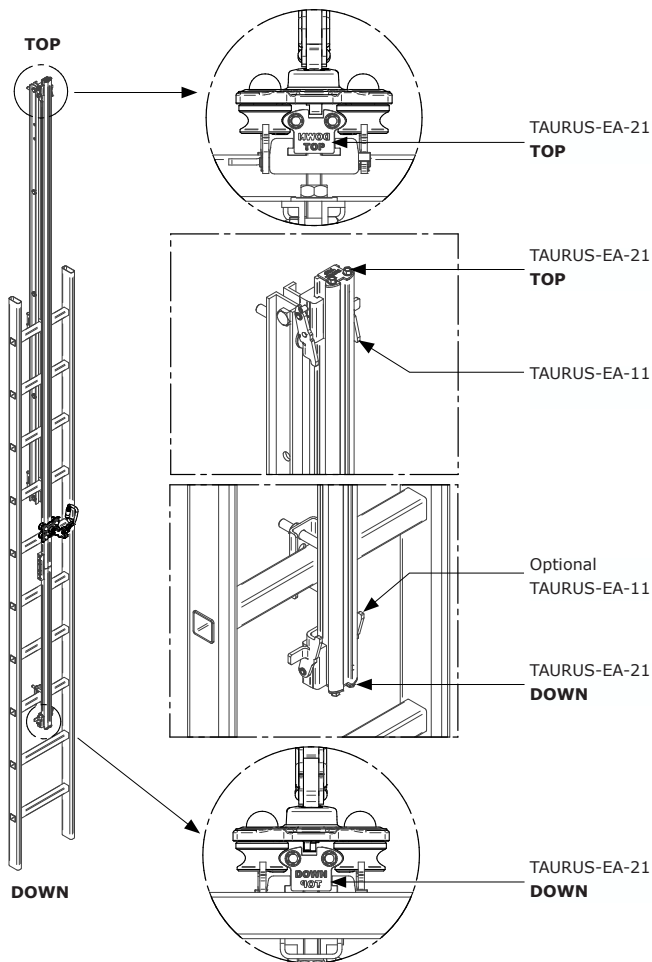


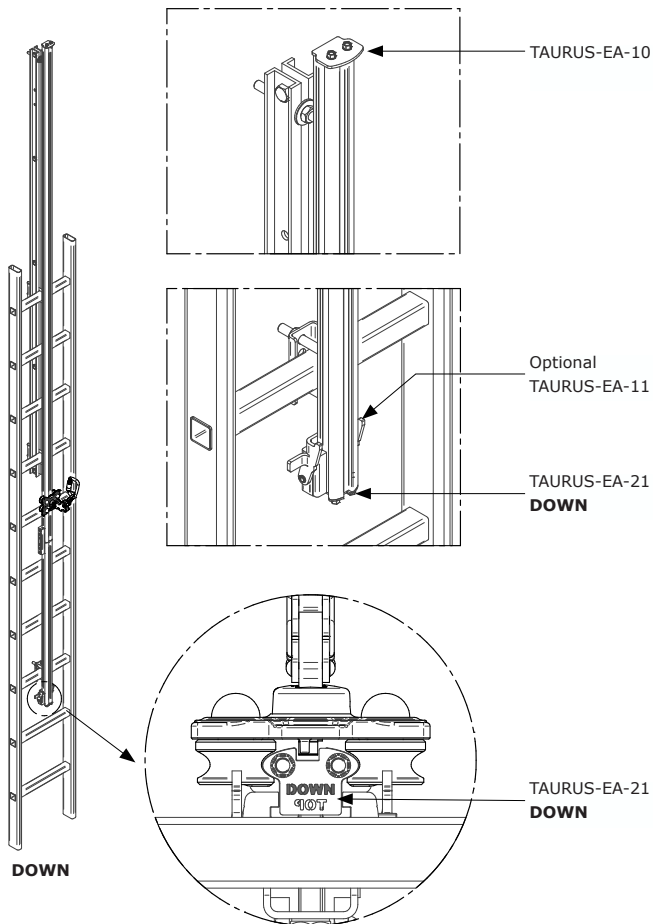
## Attaching the "TAURUS-GLEIT-V-21" to the rail system



## Detaching the "TAURUS-GLEIT-V-21" from the rail system







INNOTECH Arbeitsschutz GmbH, Laizing 10, 4656 Kirchham/Austria  
[www.innotech.at](http://www.innotech.at)

