

TRANSLATION

(1) EC-Type Examination Certificate

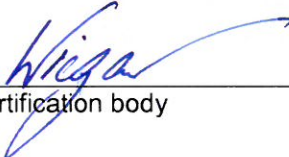
- (2) Council Directive of 21 December 1989 on the approximation of the laws of the member states relating to personal protective equipment - 89/686/EEC
- (3) No. of EC-Type Examination Certificate: **ZP/B032/18**
- (4) Product: **Guided-type fall arrester including rigid anchor line
Type TAURUS-GLEIT-V-21**
- (5) Manufacturer: **Innotech Arbeitsschutz GmbH**
- (6) Address: **Laizing 10, 4656 Kirchham, Austria**
- (7) The design and construction of this personal protective equipment and any acceptable variation thereto are specified in the schedule to this type examination certificate.
- (8) The certification body of DEKRA EXAM GmbH, Notified Body No. 0158 according to Article 9 of Council Directive 89/686/EEC of 21 December 1989, certifies that this personal protective equipment has been found to comply with the Essential Health and Safety Requirements given in Annex II to the Directive. The examination and test results are recorded in the test and assessment report PB 18-011.
- (9) The Essential Health and Safety Requirements are assured by compliance with
DIN EN 353-1:2014
- (10) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified personal protective equipment in accordance to Directive 89/686/EEC. Further requirements of the Directive apply to the manufacturing process and supply of this personal protective equipment. These are not covered by this certificate.
- (11) When applying the CE Marking to the products that conform to the types examined, the client is obliged to add, in accordance with the attached pattern, the identification number of the Notified Body **CE 0158** engaged in production control.
- (12) This EC-Type Examination certificate is valid until 2023-02-15.

DEKRA EXAM GmbH
Bochum, 2018-02-16

signed: Wiegand
Certification body

signed: Mühlenbruch
Special services unit

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.


Certification body


Special services unit

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- (13) Appendix to
- (14) **EC-Type Examination Certificate**
ZP/B032/18
- (15) 15.1 Subject and Type
Guided-type fall arrester including rigid anchor line
Type TAURUS-GLEIT-V-21

15.2 Description

The rail system of type TAURUS is used for temporary protection of people against falls from a height. The system can be used horizontally as well as vertically.

The system consists of a rigid anchor line/rail in combination with the pertinent rail gliders, end stops, connectors and removal options.

The rail of type TAURUS-RAIL-10 (Fig. 1) is made of an aluminium extrusion profile and – in its curved version – also used to bypass corners (Fig. 2-5).

Two rail pieces are connected by means of a rail connector TAURUS VB-10 (Fig. 6).

The anchor points moving on the rail of types TAURUS-GLEIT-H-11 (horizontal use), TAURUS-GLEIT-V-21 (vertical use), TAURUS-GLEIT-A-30 (horizontal use) and TAURUS-GLEIT-S-40 (horizontal use) are shown in Fig. 7-10. The minimum and maximum user weights when the system is used vertically in conjunction with the guided-type fall arrester type TAURUS-GLEIT-V-21 are 50 kg and 140 kg, respectively.

Maximum four people per 10 m rail element can be protected simultaneously by the system if used horizontally.

Maximum two people per 3 m rail element can be protected simultaneously by the system if used vertically.

The system is mounted using the provided rail fasteners of types BEF-10, BEF-20, BEF-30, BEF-41 or BEF-90 (Fig. 11-16) depending on the mounting surface in place.

If used as an anchor device of Type D according to EN 795:2012 and CEN/TS 16415:2013, the system can be positioned on the roof, the wall and also the ceiling.

The attachment direction is horizontal if the system is used as an anchor device type D.

Depending on the system, the rail ends are provided with end stops to prevent unintended overriding of the rail ends. Here, one end stop can be opened (entrance/exit: TAURUS EA-11) to either remove the mobile anchor point from the anchor line or to fix it on the anchor line. The other end stop is fixedly closed: type TAURUS-EA-10 (Fig. 18).

The rail guide type TAURUS-EA-21 (Fig. 19) is used to ensure the correct attachment direction of the guided-type fall arrester/mobile anchor point.

The system is made of corrosion-resistant materials and, in conjunction with the respective anchor points and guided-type fall arresters, it ensures an uninterrupted connection of both systems if the personal protective equipment (PPE) of the user is used correctly.



Fig. 1: aluminium rail,
type TAURUS-RAIL-10



Fig. 2: rail curve horizontal,
type TAURUS-RAIL-20

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Fig. 3: rail outside curve 90°
type TAURUS-RAIL-30



Fig. 4: rail inside curve 90°
type TAURUS-RAIL-40



Fig. 5: aluminium rail, torsion
type TAURUS-RAIL-50

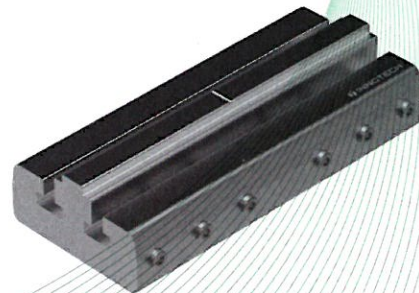


Fig. 6: rail connector
type TAURUS-VB-10



Fig. 7: rail glider horizontal
type TAURUS-GLEIT-H-11



Fig. 8: rail glider vertical
type TAURUS-GLEIT-V-21



Fig. 9: rail glider horizontal
type TAURUS-GLEIT-A-30



Fig. 10: rail glider horizontal
type TAURUS-GLEIT-S-40

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Fig. 11: rail fastener for concrete, type TAURUS-BEF-10

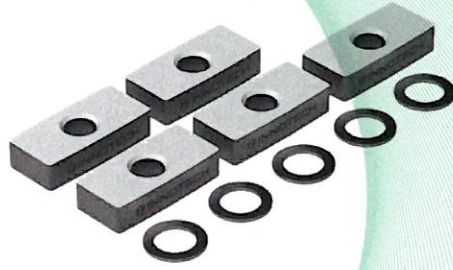


Fig. 12: rail fastener for steel (sliding nut M10), type TAURUS-BEF-12



Fig. 13: rail fastener for face of building, type TAURUS-BEF-20

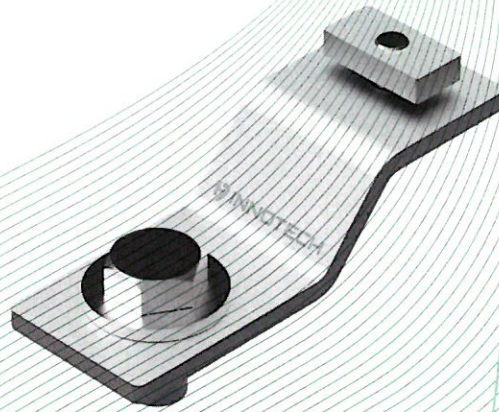


Fig. 14: rail fastener fastening ankle, type TAURUS-BEF-30



Fig. 15: rail fastener for wood, type TAURUS-BEF-41



Fig. 16: fastening element for ladders, type TAURUS-BEF-90

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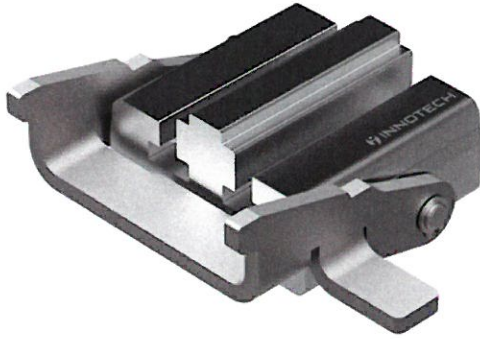


Fig. 17: rail closing element with removal option, type TAURUS-EA-11



Fig. 18: rail closing element fix type TAURUS-EA-10

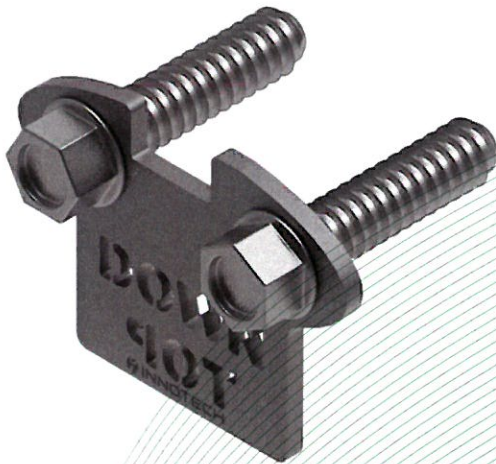


Fig. 19: rail guide type TAURUS-EA-21

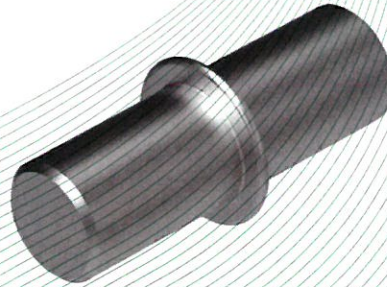


Fig. 20: rail guide type TAURUS-VB-12

(16) Test and Assessment Report

PB 18-011 dd. 2018-02-05