



Rail safety system

TAURUS

Vertikal

Rail system for vertical use



+43 7619 22 1 22 - 0

+49 271 23 41 94 - 0

+43 564 16 9 042 - 0

office@innotech.at

www.innotech.at

Laizing 10

A 4656 Kirchham

TAURUS VERTICAL

Rail system for vertical use

The TAURUS VERTICAL rail system is used wherever vertical ascents and descents require protection. Regardless whether ladder access, shelving/mast systems (with or without ladder), steel constructions with access systems, or as a means for shaft entry, it provides optimum fall protection. Using the matching TAURUS-GLEIT-V21 slider, deviations up to a maximum of 15° from the vertical can be secured without any problem. The slider's ease of movement enables trouble-free movement during ascent and descent, and also ensures an immediate stop in the event of a fall. Here, the integrated energy absorber reduces the forces working upon the user.

BENEFITS

- Broad range of applications thanks to the seamless transition from the vertical to the horizontal plane (without attachment or detachment).
- Flowing movement during vertical ascent and descent, thanks to the TAURUS GLEIT-V21.
- Safe shaft entry with the mobile TAURUS-SCE push-on support - enhancement with a rescue attachment for connecting a fall arrest device is also possible.
- Ascent aid in the form of the TAURUS-STEP, through combining the rail with integrated ladder rungs.



Currently no updates for this product

Technical product description

The TAURUS system consists of high-quality alloyed aluminium rails.
This rail, together with the various individual components, such as the specially developed connectors, entry elements, and the special exit and transfer solutions, combine to create a harmonised system.
The system can be attached to a large number of substructures.
If a ladder construction is present, then the rail system can be connected to it directly.
It is also compatible with many INNOTECH anchor points.



TECHNICAL BENEFITS

Reduction of installation effort

For installation, the maximum fastening separation of 2 metres along a ladder has a positive effect on the whole installation process. When connecting the system to a ladder (up to a maximum rung dimension of Ø 45 mm), a clamping solution is used for fastening, and therefore laborious drilling and damage to the ladder is unnecessary.

Reduction of fall force

The TAURUS-GLEIT-V21 has an integrated energy absorber which reduces the force acting on the user to 6 kN max.

Ascent aid

By means of our TAURUS-STEP components with integrated ladder rungs, the TAURUS-RAIL system be used as an ascent aid.

State of the art certification:

EN 353-1

DIBt

Components

TAURUS-TYP-20

Rating plate TYP-20 for vertical rail system

Dimensions: 160 x 92 mm
Material: stainless steel (AISI 316), plastic
for identifying a vertical rail system
Various fastening options!



TAURUS-TYP-40

Rating plate TYP-40 for Allround rail system

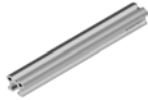
Dimensions: 160 x 92 mm
Material: stainless steel (AISI 316), plastic
for identifying an all-round rail system (vertical and
horizontal)
Various fastening options!



TAURUS-RAIL-10

Rail RAIL-10 for rail system

Length: 3000 / 6000 mm
Material: aluminium
rail element with a straight run



TAURUS-RAIL-30

Outer rail bend RAIL-30 for rail systems

Inclination: 90°
Material: aluminium
rail element for vertical and horizontal (facade) usage
Always install rail fastening (TAURUS-BEF) on the rail
curved corner!



TAURUS-VB-10

Rail connector VB-10 for rail systems

Packaging unit: 1 piece / 5 pieces
Material: aluminium
connecting element for alignment of two TAURUS-RAIL
elements



TAURUS-EA-10

Rail end closure EA-10 for rail systems

Material: stainless steel (AISI 304)
no access to the system possible (end of the rail)



TAURUS-EA-11

Rail end closure EA-11 for rail systems

Material: stainless steel (AISI 304), aluminium
To step-in and step-out of TAURUS-GLEIT!



TAURUS-EA-21

Entry plate TAURUS-EA-21

Packaging unit: 1 pieces
Material: stainless steel V2A (AISI 304)
To guarantee a correct and safe installation of a
TAURUS-GLEIT-V-21 in a TAURUS-vertical safety
system



TAURUS-STEP-10-1425

Vertical rail system STEP-10-1425

Material: galvanised steel, aluminium
Substructure: concrete, wood, steel construction
Length: 1425 mm
vertical rail system with integrated ladder rungs.
2 holding brackets (TAURUS-BEF-100) necessary (not
included in the delivery)!



TAURUS-STEP-10-1995

Vertical rail system STEP-10-1995

Material: galvanised steel, aluminium
Substructure: concrete, wood, steel construction
Length: 1995 mm
vertical rail system with integrated ladder rungs.
2 holding brackets (TAURUS-BEF-100) necessary (not
included in the delivery)!



TAURUS-STEP-10-2850

Vertical rail system STEP-10-2850

Material: galvanised steel, aluminium
Substructure: concrete, wood, steel construction
Length: 2850 mm
vertical rail system with integrated ladder rungs.
2 holding brackets (TAURUS-BEF-100) necessary (not
included in the delivery)!



Components

TAURUS-STEP-20

Exit aid STEP-20

Material: galvanised steel, aluminium, stainless steel (AISI 304)

Substructure: concrete, wood, steel construction
Alighting assistance for vertical rail systems with integrated ladder rungs.

2 holding brackets (TAURUS-BEF-101) necessary (not included in the delivery)!



TAURUS-STEP-50

Exit aid, rotatable, STEP-50

Material: galvanised steel, aluminium, stainless steel (AISI 304)

Substructure: concrete, wood, steel construction
Rotating alighting assistance for vertical rail systems with integrated ladder rungs.

2 holding brackets (TAURUS-BEF-101) necessary (not included in the delivery)!



Accessory items

TAURUS-BEF-90

Rail fastener BEF-90 for rail systems

Mountable on:

rungdimension: max. Ø 45 mm

Material: stainless steel (AISI 304)
for fastening TAURUS-RAIL on ladders



TAURUS-BEF-100

Fastening set TAURUS-BEF-100

Substructure: concrete, steel construction, wood
(according to installation instruction)

Material: galvanised steel
for fastening the TAURUS-STEP-10 on to a construction



TAURUS-BEF-101

Fastening set TAURUS-BEF-101

Substructure: concrete, steel construction, wood
(according to installation instruction)

Material: galvanised steel
for fastening the TAURUS-STEP-20/-50 on to a construction



TAURUS-STEP-SO-2019-10

REST PLATFORM TAURUS-STEP-SO-2019-10

Material: galvanised steel

Mountable on: TAURUS-STEP

Available on request only!



Accessory items

TAURUS-GLEIT-V-21

Rail slider TAURUS-GLEIT-V-21

Inclination range: see product description

Material: stainless steel V2A (AISI 304)

Rail slider for vertical use including shock-absorbing element.



TAURUS-GLEIT-A-31

Slider A-31 for rail systems

Material: stainless steel (AISI 304)

Rail slider including a shock absorbing element for the vertical usage and an additional anchorage eye for the horizontal usage.





Head office
INNOTECH® Arbeitsschutz GmbH

Laizing 10
A 4656 Kirchham
T +43 7619 22 1 22 - 0
office@innotech.at
www.innotech.at

Branch Office Switzerland
INNOTECH® Arbeitsschutz GmbH

Seestraße 14b
CH 5432 Neuenhof
T +41 56 41 69 040
office@innotechag.ch
www.innotechag.ch

Branch Germany
INNOTECH® Arbeitsschutz GmbH

In der Steinwiese 5
D 57074 Siegen
T +49 271 23 41 94 - 0
office@innotech.de
www.innotech.de