INNOTECH
HOW YOU PROTECT LIVES

Rail safety system

TAURUS

Vertikal

Rail system for vertical use

AUSTRIA TRUSTED EXPERTISE

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.
- 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.

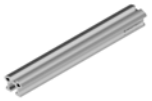
Ascent aid
By means of our TAURUS-STEP components with integrated ladder rungs, the TAURUS-RAIL system be used as an ascent aid.

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-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-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!

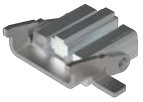
TAURUS-VB-10
Rail connector VB-10 for rail systems

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!

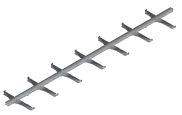
TAURUS-EA-21
Entry plate TAURUS-EA-21

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

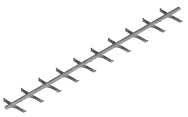
Material: galvanised steel, aluminium
Substructure: concrete, wood, steel construction
Length: 1425 mm
vertical rail system with integrated ladder rungs.
2 holding brackets (TAURUS-BEF-100) necessary (not included in the delivery)!

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)!

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)!

Components

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)!

TAURUS-AS-20

TAURUS-AS-10

Material: stainless steel (AISI 304), aluminium
for the vertical step-out of a ladder

Accessory items

TAURUS-BEND-10

Taurus bending device for Taurus rail

Bending device for TAURUS-RAIL-20/-30/-40
Bending angle = 0° - 85°
flexible installation of the rails directly on site
space saving packaging in a case and easy to transport

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

Accessory items

TAURUS-STEP-SO-2019-10

REST PLATFORM TAURUS-STEP-SO-2019-10

Material: galvanised steel
Mountable on: TAURUS-STEP
Available on request only!

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.

INNOTECH
HOW YOU PROTECT LIVES

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