









## Rail system **TAURUS**

The **TAURUS** flexible rail system from **INNOTECH** for all substructures provides people in fall hazard locations with the option of securing themselves optimally to the mobile anchorage point or to the travelling fall arrest device. Rail connections and end seals can be installed very simply, and optionally available curve and bend elements adapt themselves

perfectly to the actual constructional conditions. Three different sliders ensure unimpeded movement along the entire length of rail: the "Speed Control", an automatic delay unit in the **ALLROUND** system, immediately recognises fall speeds. Should a fall occur, the "allround" slider blocks immediately in all directions.

-  flexible rail system for any structural design in indoor and outdoor applications
-  maximum freedom of movement along the entire length of rail
-  with corresponding rail slider also suitable for abseiling work
-  large fastening spacing possible on all surfaces
-  high-quality design, available in all colour versions
-  various slider types with ball bearings: horizontal, vertical, and allround sliders
-  the Allround slider blocks in all directions, traverses curves and bends, horizontally and vertically.

-  **SPEED CONTROL**  
The Allround slider is fitted with an automatic delay unit, which triggers immediately at a defined speed in the event of a fall.
-  **MAINTENANCE-FREE**  
The use of enclosed ball bearings means that the rail sliders do not require maintenance.
-  Certification to the latest state of the art:  
Horizontal system:  
EN 795:2012 TYPE D  
CEN/TS 16415:2013  
Vertical system:  
has already been certified according to the new standard EN 353-1:2014  
Allround system:  
EN 795:2012 TYPE D  
CEN/TS 16415:2013  
EN 353-1:2014

## HORIZONTAL RAIL SYSTEM

### TYPE RATING PLATE

#### TAURUS-TYP-10

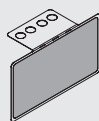
##### TAURUS RATING PLATE, HORIZONTAL (EN 795 D)

Dimensions: 160 x 92 mm

Material: stainless steel AISI 316, plastic

For the identification of a horizontal rail system

Various attachment options



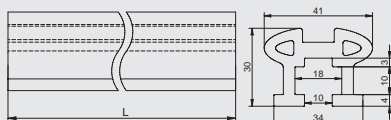
### RAIL RAIL

#### TAURUS-RAIL-10 ALUMINIUM RAIL, STRAIGHT RUN

L = 3000 mm / 6000 mm

Material: aluminium

Rail element with straight run



### BEF RAIL FASTENERS

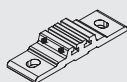
#### TAURUS-BEF-10

##### RAIL FASTENER for concrete

Substructure: concrete, façade, steel construction

Material: Aluminium

For fastening TAURUS-RAIL to concrete, façade and steel construction



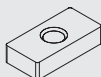
#### TAURUS-BEF-12

##### RAIL FASTENER, steel construction, sliding nut M10

Substructure: steel construction

Material: stainless steel AISI 304

For fastening TAURUS-RAIL to steel construction



#### TAURUS-BEF-20

##### RAIL FASTENER for façade

Substructure: concrete, façade

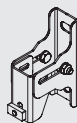
Hole spacing: 120 mm

Fastening for concrete: by means of 2x adhesive anchor

Fastening depth for concrete: at least 100 mm

Material: stainless steel AISI 304

For fastening TAURUS-RAIL to concrete and façade



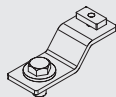
#### TAURUS-BEF-30

##### RAIL FASTENER, FASTENING BRACKET

Substructure: AIO-STA post

Material: Stainless steel AISI 304

For attaching TAURUS-RAIL to an AIO-STA post



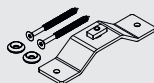
#### TAURUS-BEF-41

##### RAIL FASTENER for wood

Substructure: Wood (at least 16/16 cm, or according to installation instructions)

Material: Stainless steel AISI 304

For fastening TAURUS-RAIL to wood



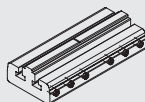
### VB RAIL CONNECTORS

#### TAURUS-VB-10

##### RAIL CONNECTOR

Material: aluminium

Connecting element for two TAURUS-RAIL rail elements

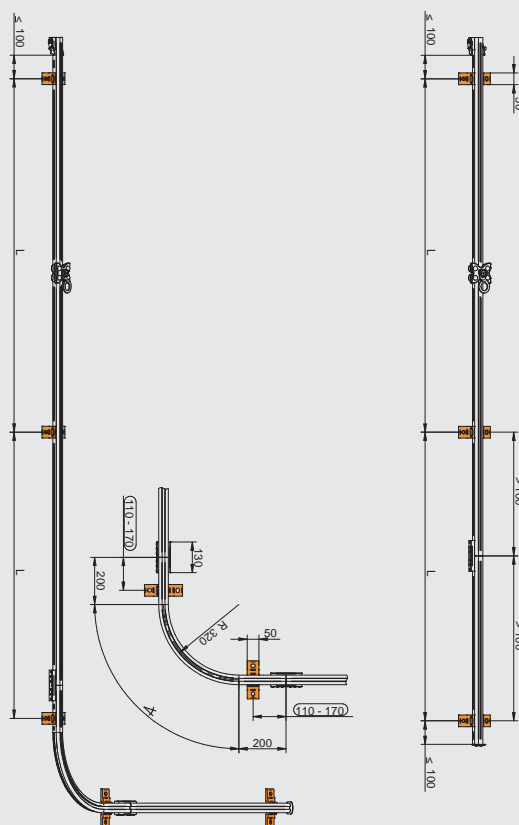
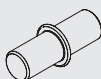


#### TAURUS-VB-12

##### RAIL CONNECTION

Material: galvanised steel

For the alignment of two TAURUS-RAIL rail elements may be used only in combination with TAURUS BEF-12.



### EA RAIL END CLOSURES

#### TAURUS-EA-10

##### RAIL END UNIT, FIXED

Material: stainless steel AISI 304

No entry possible (end seal for a rail section)

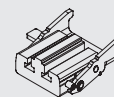


#### TAURUS-EA-11

##### RAIL END UNIT, VARIABLE

Material: stainless steel AISI 304, Aluminium

Entry/exit for TAURUS-GLEIT



### DW TURNTABLE GATE

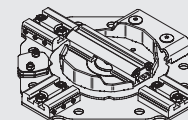
#### TAURUS-DW-10

##### RAIL TURNTABLE GATE

Material: aluminium, stainless steel AISI 304

Rotating hub for additional rail access (T application, 2 x 90°).

Can be installed as entry/exit in combination with TAURUS-EB-11 without having to interrupt the rail run.



### SLIDE RAIL SLIDER

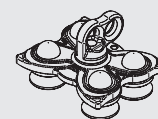
#### TAURUS-GLEIT-H-11

##### RAIL SLIDER, horizontal (EN 795 D)

Inclination range: +/- 5°

Material: Stainless steel AISI 304

Suitable for overhead systems!

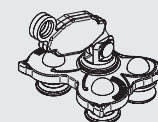


#### TAURUS-GLEIT-A-30

##### RAIL SLIDER, Allround (EN 353-1 / EN 795 D)

Material: Stainless steel AISI 304

Rail slider for horizontal or vertical use, including shock-absorbing element!

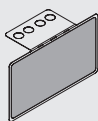


**VERTICAL RAIL SYSTEM**

**TYPE RATING PLATE**

**TAURUS-TYP-20  
TAURUS RATING PLATE, VERTICAL (EN 353-1)**

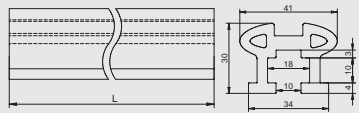
Dimensions: 160 x 92 mm  
Material: stainless steel AISI 316, plastic  
for the identification of a horizontal rail system  
Various attachment options



**RAIL RAIL**

**TAURUS-RAIL-10  
ALUMINIUM RAIL, STRAIGHT RUN**

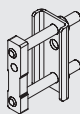
L = 3000 mm / 6000 mm  
Material: Aluminium  
Rail element with straight run



**BEF RAIL FASTENERS**

**TAURUS-BEF-90  
FASTENING ELEMENT for ladder**

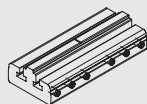
Substructure: Ladder rung, max. dimension of rung: Ø 45 mm  
Material: Stainless steel AISI 304  
for attaching TAURUS-RAIL to ladders



**VB RAIL CONNECTORS**

**TAURUS-VB-10  
RAIL CONNECTORS**

Material: Aluminium  
Connecting element for two TAURUS-RAIL rail elements



**EA RAIL END UNITS**

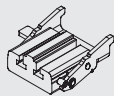
**TAURUS-EA-10  
RAIL END UNIT, FIXED**

Material: Stainless steel AISI 304  
No entry possible (end unit for a rail section)



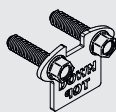
**TAURUS-EA-11  
RAIL END UNIT, VARIABLE**

Material: Stainless steel AISI 304, Aluminium  
Entry/exit for TAURUS-GLEIT



**TAURUS-EA-21  
DIRECTION GUIDING SAFETY PLATE**

Material: Stainless steel AISI 304,  
Direction guiding safety plate for TAURUS-GLEIT-H-21



**STEP ASCENT LADDER**

**TAURUS-STEP  
RAIL SYSTEM WITH INTEGRATED CLIMBING AID**

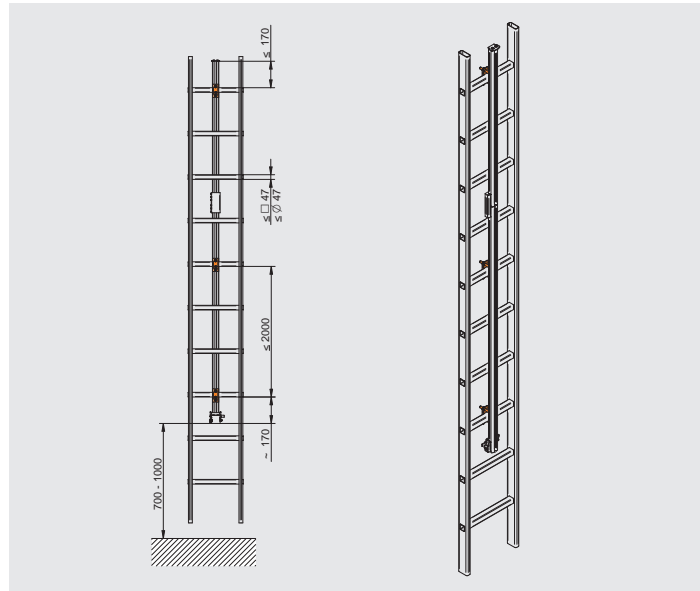
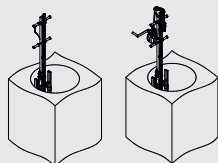
Material: aluminium  
Substructure: concrete, steel, etc.  
The TAURUS-STEP system is connected to the façade/substructure (steel, concrete, etc.) by means of a mounting bracket and serves as climbing aid.



**SCE MANHOLE**

**TAURUS-SCE  
MANHOLE (EN 353-1 / EN 795 A)**

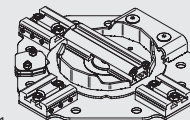
Material: Aluminium  
Substructure: ladder  
Optionally with rescue function



**DW ROTATING HUB**

**TAURUS-DW-10  
RAIL TURNTABLE GATE**

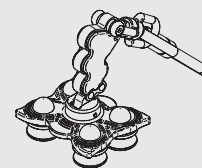
Material: aluminium, stainless steel AISI 304  
Rotating hub for additional rail access (T application, 2 x 90°).  
Can be done as entry/exit in combination with TAURUS-EB-11 without having to interrupt the rail run.



**SLIDE RAIL SLIDER**

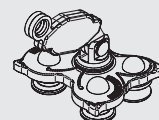
**TAURUS-GLEIT-V-21  
RAIL SLIDER, vertical (EN 353-1)**

Inclination range: +/- 3°  
Material: Stainless steel AISI 304  
Rail slider for vertical use including shock-absorbing element!

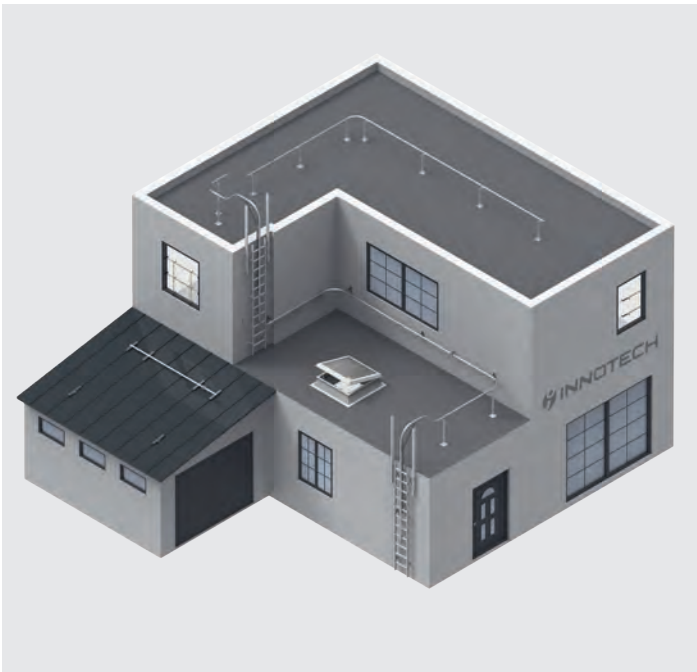


**TAURUS-GLEIT-A-30  
RAIL SLIDER, Allround (EN 353-1 / EN 795 D)**

Material: Stainless steel AISI 304  
Rail slider for horizontal or vertical use, including shock-absorbing element!



## ALLROUND RAIL SYSTEM

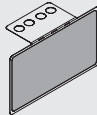


### TYPE RATING PLATES

#### TAURUS-TYP-30 TAURUS RATING PLATE, ALLROUND (EN 353-1 / EN 795 D)

Dimensions: 160 x 92 mm  
Material: stainless steel AISI 316, plastic

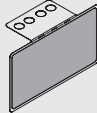
for the identification of an Allround rail system (vertical and horizontal)  
Various attachment options



#### TAURUS-TYP-35 TAURUS INFORMATION SIGN (EN 353-1 / EN 795 D)

Dimensions: 160 x 92 mm  
Material: stainless steel AISI 316, plastic

Information sign for an Allround rail system (vertical and horizontal),  
to be fixed at the transition from vertical to horizontal.

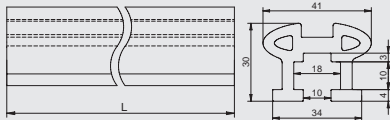


### RAIL RAIL

#### TAURUS-RAIL-10 ALUMINIUM RAIL, STRAIGHT RUN

L = 3000 mm / 6000 mm  
Material: aluminium

Rail element with straight run

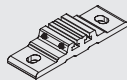


### BEF RAIL FASTENERS

#### TAURUS-BEF-10 RAIL FASTENER for concrete

Substructure: concrete, façade, steel construction  
Material: Aluminium

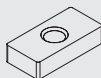
For fastening TAURUS-RAIL to concrete, façade and steel construction



#### TAURUS-BEF-12 RAIL FASTENER, steel construction, sliding nut M10

Substructure: steel construction  
Material: stainless steel AISI 304

For fastening TAURUS-RAIL to steel construction

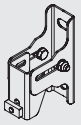


#### TAURUS-BEF-20

##### RAIL FASTENER for façade

Substructure: concrete, façade  
Hole spacing: 120 mm  
Fastening for concrete: by means of 2x adhesive anchor  
Fastening depth for concrete: min. 100 mm  
Material: stainless steel AISI 304

for fastening TAURUS-RAIL to concrete and façade

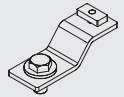


#### TAURUS-BEF-30

##### RAIL FASTENER, FASTENING BRACKET

Substructure: AIO-STA post  
Material: stainless steel AISI 304

for attaching TAURUS-RAIL to an AIO-STA post

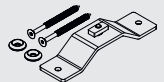


#### TAURUS-BEF-41

##### RAIL FASTENERS for wood

Substructure: wood (at least 16/16 cm,  
or as per installation instructions)  
Material: stainless steel AISI 304

for fastening TAURUS-RAIL to wood

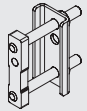


#### TAURUS-BEF-90

##### FASTENING ELEMENT for ladder

Substructure: ladder rung  
Rung dimension: max. Ø 45 mm  
Material: stainless steel AISI 304

for attaching TAURUS-RAIL to ladders

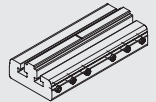


### VB RAIL CONNECTORS

#### TAURUS-VB-10 RAIL CONNECTOR

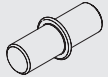
Material: aluminium

Connecting element for two TAURUS-RAIL rail elements



#### TAURUS-VB-12 RAIL CONNECTION

Material: galvanised steel  
For the alignment of two TAURUS-RAIL rail elements;  
may be used only in combination with TAURUS BEF-12.



### EA RAIL END CLOSURES

#### TAURUS-EA-10 RAIL END UNIT, FIXED

Material: stainless steel AISI 304

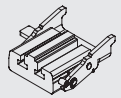
No entry possible (end unit for a rail section)



#### TAURUS-EA-11 RAIL END UNIT, VARIABLE

Material: stainless steel AISI 304, aluminium

Entry/exit for TAURUS-GLEIT

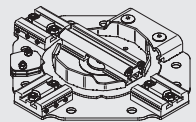


### DW ROTATING HUB

#### TAURUS-DW-10 RAIL TURNTABLE GATE

Material: aluminium, stainless steel AISI 304  
Rotating hub for additional rail access (T application, 2 x 90°).

Can be installed as entry/exit in combination with  
TAURUS-EB-11 without having to interrupt the rail run.



### SLIDE RAIL SLIDER

#### TAURUS-GLEIT-A-30 RAIL SLIDER, Allround (EN 353-1 / EN 795 D)

Material: stainless steel AISI 304

Rail slider for horizontal or vertical use,  
including shock-absorbing element!

