



Hahn Rollenband AT for upstand situations



The desire for better thermal insulation values and an attractive look results in metalworkers opting for a system profile with an upstand. Dr. Hahn's Rollenband is the ideal solution for creating the most harmonious look possible for the entrance door. Dr. Hahn has now added a suitable version of the Hahn Rollenband AT to its extensive range of butt hinge-like designs.

Dimensionally stable even in case of extreme adjustments

The new version has almost the same performance characteristics as the well-known Rollenband AT that has been available for some time. It is adjustable in 6 directions:

- Horizontal adjustment without misalignment of the hinge barrels and without loosening the fastening screws ± 1.5 mm
- Vertical adjustment by a single person ± 3 mm
- Sealing compression adjustment by turning the bearing bushing ± 0.3 mm

Depending on the profile design, the door hinge can support a maximum of 120 kg when two hinges are used. All hinges can be used DIN left and DIN right.

Customised installation drawings upon request

If the profiles are not prepared in a machining centre, Dr. Hahn provides system-adapted drilling jigs for manual processing.

Hinge system for profile combinations
with an upstand



The Hahn Rollenband AT is a system-adapted hinge that have been developed in close co-operation with the profile manufacturers. Various profile combinations require special variants.

For the processing of enquiries and orders, it is therefore necessary to specify the exact profile combinations in use in each case. Upon request, the Dr. Hahn application engineering department can produce customised installation drawings for these cases.

Available in a wide range of colours

At 20 mm, the hinge barrel is very slim. A solid stainless steel bolt provides for a high degree of stability. The bearing made of a special high-quality material is almost abrasion-free and requires no maintenance by facility management.

Manufactured from extruded aluminium, the door maker is provided with a hinge in a wide range of colours.

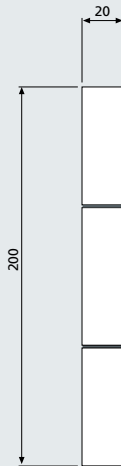
These include all RAL colours, various anodised shades and Hahn-Trinox, a customised surface that comes very close to the appearance of brushed stainless steel.

Suitable for heavy use

The version of the Hahn Rollenband AT with an upstand is used particularly in commercial construction, but also in private homes. Testing in accordance with EN 1935:2002 is in preparation for use in the mandated area.

The manufacturer anticipates that hinge class 13 will be achieved. This means that the door hinge will also be approved for elements with very heavy use.

Due to the exclusive use of high-quality materials, the Rollenband AT achieves the best possible results in terms of corrosion resistance.



Areas of application:

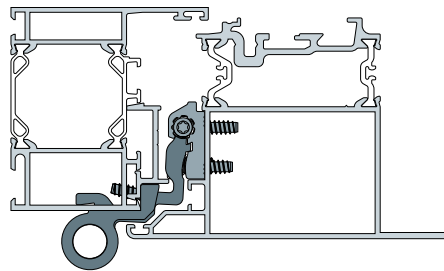
Doors made of aluminium sections, especially in commercial buildings:

- Main entrance doors
- Side entrance doors
- Interior doors
- Exterior doors
- Entrance doors for flats

Suited for use with aluminium systems with an upstand.

TECHNOLOGY/APPLICATION

- **Material:**
Made of extruded aluminium
- **Fastening method:**
Direct installation with screws
- **Versions:**
For in-swing upstand profile situations
- **Load capacity:**
Depending on profile section design
max. 120 kg (2 hinges)
- **Adjustability:**
Adjustable in 6 directions:
 - Horizontal adjustment ± 1.5 mm
 - Vertical adjustment ± 3 mm
 - Sealing pressure ± 0.3 mm
- **Certifications:**
CE-certified according to EN 1935:2002, hinge class 13 currently being prepared
- **Colours:**
Hinges available in anodised colours, RAL colours and Hahn Trinox



Hinge system for profile combinations with an upstand

