

Manufacturer

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TECHNICAL DATA SHEET

GW0094 — GW0100 Stainless Steel and Brass Studs



1. PRODUCT DESCRIPTION AND APPLICATIONS

- **Intended use:** A surface-mounted tactile warning stud / dome. The product is used to warn visually impaired and other pedestrians of approaching stairs or other level changes.
- **Accessibility and warning function:** When installed on the floor, the studs form a clearly detectable raised pattern that acts as a tactile indicator with the help of footwear or a white cane.
- **Functionality:** The products are permanently attached to the floor surface. They are purely tactile in nature and do not contain a photoluminescent property.

2. DIMENSIONS AND MATERIAL PROFILE

Material and dimensions are determined according to the specific product code. The products are available in two different profile heights (3.5 mm and 5 mm).

Material	Product Code	Dimensions (Diameter x Height)
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Stainless Steel (RST)	GW0097, GW0099	25 x 3.5 mm
Stainless Steel (RST)	GW0098, GW0100	25 x 5 mm
Brass	GW0094, GW0096	25 x 3.5 mm
Brass	GW0095	25 x 5 mm

- **Fire rating (all metal models):** Non-combustible / Euroclass A1.

3. STRUCTURAL PROVISIONS AND DESIGN REQUIREMENTS

- **Installation method:** The product is installed into drilled holes and fastened to the floor with mounting pins and adhesive.
- **Drilling provisions and sizing:** 8 mm holes can be water-jet cut or drilled into the base (e.g., stone or ceramic tile) for the mounting pins. The fixing pin of the studs is 5.9 mm wide.
- **Base preparation and cleaning:** After drilling, the installation holes must be cleaned extremely carefully from drilling dust using compressed air (e.g., Würth blow-out spray). Vacuuming the surface alone is not sufficient to clean the bottom of the hole.
- **Recommended adhesive compound:** To secure the installation, a chemical anchor or Würth polymer adhesive and sealant is recommended. The adhesive must be dispensed into the hole so that it covers the fixing pin part and completely seals the structure.
- **Installation depth:** The stud is installed so that the bottom of the flange (the wide part of the stud) sits completely flush with the floor surface, leaving only the intended 3.5 mm or 5 mm raised profile above the floor surface.

4. CLEANING AND MAINTENANCE

- **Cleanability:** The normal cleaning recommendations for metal (stainless steel and brass) building components apply to the products.
- **Maintenance:** Dispensing the adhesive into the installation hole according to the instructions prevents washing water and dirt from penetrating between the stud and the stone, which secures the weather and wash resistance of the installation over the long term.

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