

## GSS Safe - GSS Bracket



**8 PIECES**

### PURPOSE

- Mount the GSS Safety Post to solid walls, beams, or other vertical surfaces.
- As an aid for forming ceilings with slabs and boards when the use of steel formwork is not possible or permitted.

### TECHNICAL DATA

- Steel sheet 4 mm, subsequently hot-dip galvanised.
- Machine punched and crimped for all types of applications.

### PACKAGING DETAILS

| Item Number | Quantity per Pack | Weight | Length | Width  | Height |
|-------------|-------------------|--------|--------|--------|--------|
| GSS3007     | 8 Pieces          | 5.5 kg | 0.17 m | 0.22 m | 0.1 m  |

### USE

The GSS bracket can be mounted on various substrates and provides a distance of 5 cm between the wall and the post. Depending on the substrate, it can be fastened with concrete bolts, a wall hook, a screw with a washer (roundel) M16 or M18, a wooden dowel, or other equivalent anchors. It should always be anchored in 2 places to prevent the bracket and therefore also the post from twisting. The user is responsible if the wrong type of anchor was used (to be checked with the anchor supplier) or if the substrate is too weak! The GSS bracket is reusable at any time.

#### Some examples of use:

- Use the GSS bracket to formwork and immediately secure staircases. Screw it in with two concrete bolts 10 cm below the top edge. Use 2 Hilti HUS-H 8 concrete screw anchors per bracket (see calculation on the website) or a mathematically proven equivalent alternative. Anchor the post in the usual way. Insert a wooden plate and a reinforcement board between the posts and beams. Hammer the whole thing down with a wedge so that the board can be easily detached later. Place the boards in the brackets and secure them as high as possible. The distance between the posts depends on the thickness of the concrete to be poured and ranges from 0.8 to 1.2 metres (Figure 1). Here's a link to the video (in the video, the brackets were anchored with the GSS wall hook).
- This application is also possible to form beams where GSS beams cannot be used (see Figure 2).
- On Steel Beams: Take a piece of flat steel 8 cm wide and 6 mm thick (or thicker, depending on the height of the beam). Hold the bracket against the steel and mark 2 holes 10 mm above each other and weld them to the upper and lower flanges of the beam. Attach the bracket with 2 M10 screws and nuts (see Figure 3).
- As a Railing Support on the Side of Precast Concrete Stairs (or other precast concrete elements): Fold up an M16 or M18 threaded sleeve and use a corresponding screw and washer for fastening.

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- Figure 4: A and C are holes for one concrete anchor or an equivalent element each. Always space the bolts or concrete screws as far apart as possible. This means inserting the 2nd concrete screw as deep as possible into the hole. Hole B is for an M16 - 18 screw. When using a steel screw in a threaded sleeve, a washer with an outer diameter of at least 50 mm and a minimum thickness of 3 mm must be used. Hole D is intended for use with the spacer bracket No. 3017.
- Always use the wall hook for hollow blocks! (Item 3021).

Here's a link to a video: [Item 3007 GSS Bracket](#)



Figure 1



Figure 2



Figure 3

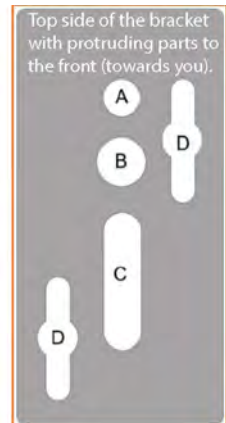


Figure 4

### CAUTION!!

**GSS nv assumes no responsibility for anchoring the bracket to the wall or in the concrete if the wrong type of anchor has been used or if the concrete is not in perfect condition, without cracks!**  
**Minimum distance of 5 cm between the drill hole and the edge of the concrete!!!**

**The quality of the concrete (BENOR) and the anchoring of a beam to the building are entirely the responsibility of the builder.**  
**Always use the wall hook with hollow blocks! (Item 3021)**