

## BSA SQ Flush Mount Anchor

Technical card of the product (english version)



### Description

BSA SQ anchor is shaped kind of connections that requires to make a hole of correct undercut geometry. Thanks to the correct match the BSA anchor in undercut this construction guarantees maximum safety and minimum distances from the edge of the material and in between the axes of the anchors. Shaped connection largely eliminates dowel pressure (BSA is not a pressure anchor). The undercut hole is performed using dedicated tools and machinery, which are responsible for giving the required geometry. Sitting the anchor in the hole is performed using a MFX360 tool, which does not damage the tile (impact free technique). BSA SQ is designed for flush mount.

### Ingredients

BSA anchors consist of the following elements:

- screw M6x10mm alternatively M4x10mm,
- washer,
- conical nut M6 or M4,
- sleeve anchor.

### Types of anchors

BSA anchors are made in two sizes:

- internal thread M4 for depth of 7mm,
- internal thread M6 for depth of 7mm.

### **Corrosion resistance.**

Depending on the corrosivity of the environment anchor are made of one of the following materials:

-Corrosion-resistant carbon steel for resistance C3 and C4 according to EN ISO 12944-2,

-Stainless steel A2 group (304): 1.4301 (X5CrNi18-10, OH18N9), 1.4307 (X2CrNi18-9, OOH18N10), 1.4367 (X3CrNiCu18-9-4),

-Stainless steel Group A4 (316): 1.4401 (X5CrNiMo17-2-2, H17N13M2T), 1.4404 (X2CrNiMo17-12-2, OOH17N14M2), 1.4578 (X3CrNiCuMo17-11-3-2), 1.4436 (OH17N12M2T)

-Stainless Steel Grade A5 (on special request): 1.4571 (X6CrNiMoTi17-13-5, H17N13M2T).

### **Areas of application**

BSA anchor is dedicated for mounting plates with a thickness of 8mm min, both inside and outside. Anchor pullout strength depends on the diameter (S10. .. / S12 ...), depth of installation and type of material.

BSA anchors can be used for the following types of materials (producer)

- Natural stone: granite, marble, sandstone, limestone, travertine ...
- Ceramics: Petraluxe, Mirage, Lapitec, Cotto d'Este, SMG ...
- Conglomerate stone: Compac, Technistone, Quarella, Silestone ...
- Porcelanogres: Porcelaingres, Marazzi, Ariostea, Porcelanosa ...
- Solid Surface: Corian, HiMacs, Staron, Montelli, Mistral, GetaCore, Kerrock, Hanex, Avonite, Durat, Wilsonart, Minerelle, GetaCore, EOS, GEOS ...
- Glassceramic: Stoneglass, Hecker Glaskeramik / keramikglas,
- HPL laminates: Trespa, VETISOL, Prodema, FunderMax, Abet SpA, Kronospan ...
- architectural concrete: HPC, GRC, FGRC, Rieder, Fydro, Polycon, Leg-Tur, KRK, Hering ...
- Fiber-cement: Euronit, Cembrit, VETISOL, Carea, Minerit, Swisspearl ...
- And others: Rockpanel,

### **Related Products**

Anchor BSA requires the use of the following equipment and tools:

- Diamond drill bits and cutting,
- fitting tool MFX360 (compatible with electro tools),
- daVID hand driller,
- Goliath automatic drilling head.

Note:

BSA anchor is covered by EU patent protection and registered as an industrial design in Alicante. Company Blick Ltd reserves the right to alter specifications without prior notice. Use anchors BSA requires a pull out tests made in independent institutions. Made tearing and shearing tests BSA anchors are available on request.