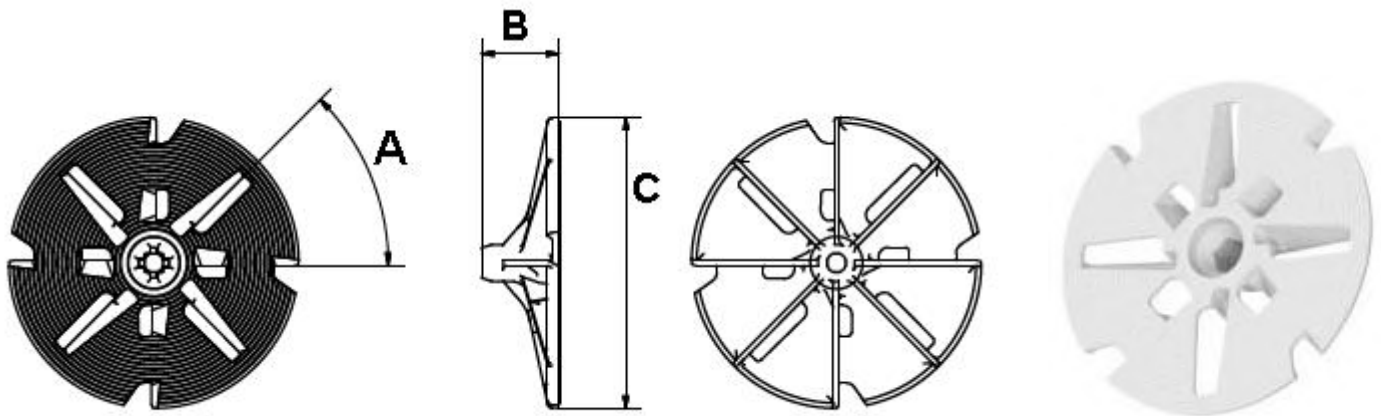


FTT FIXING



Overview

Thanks to its special shape, the FTT washer is used for the installation on mural supports or walls of pre-coupled slabs (composed of insulating and gypsum fiber). The FTT anchor consists of a glass fiber reinforced PA66 disc, which has a double function: it is used both as a fixing system and as a cutting tool. Thanks to its ribs, the rotation of the disc, which occurs by placing the tool of a screwdriver in the central hexagonal impression, is able to remove material from the surface to bring it flush with the wall. The combination of the FTT washer, an expansion plug (Bartolucci's FZTASS08 plug recommended) and a 5 mm chipboard screw of adequate length produces the FTTVTFZ system.

Material

PA66 + GF30 - 30% glass fibre reinforced Polyamide PA66.

Plug Dimensions

CODE	A	B	C	Hole Ø	Fixable thickness
FTT60X16	45°	16	60	8	30-60*

Note: All measurements are in millimeters, unless otherwise stated.

*The values are indicative, because the fixable thickness depends on the length of the screw used.

Benefits

- High quality and resistant materials.
- Fast and easy installation.

Applications

Able to fix pre-coupled thermoacoustic insulation panels made of gypsum fiber and supports made of concrete, solid brick, hollow wall and chipboard plates.



Loads

MECHANICAL STRENGTH [kN]			
Code	Tensile strength on solid brick	Tensile strength on concrete R250	Tensile strength on hollow wall
FA05-FC05	0,300	0,410	0,400

Note: 1 kN = 100 kgf

The reported values are mean values obtained from internal tests.

WE RECOMMEND USING APPROPRIATE SAFETY COEFFICIENTS.

Installation

- Place the pre-coupled plate on the wall;
- Make an 8 millimeters diameter hole of adequate depth, knowing that it cannot be lower than the thickness of plate and plug together;
- Place the disc in the center of the hole;
- Insert the tip of the screwdriver with a 6 millimeters hexagonal tool into the footprint of the plug;
- Rotate the plug at a low number of revolutions, giving a moderate pressure, as it is shown in Figure 2;
- Remove material until the disc is flush with the wall;
- Remove the disc and clean the hole;
- Insert the expansion plug on the support wall, as it is shown in Figure 3;
- Insert the screw into the FTT disc, as it is shown in Figure 4;
- Insert it into the hole;
- Tighten the screw until the pre-coupled plate is fixed, as it is shown in Figure 5 and 6.



Figure 1



Figure 2

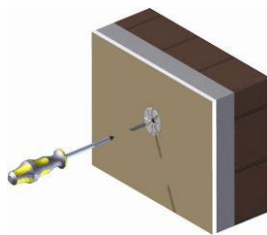


Figure 3

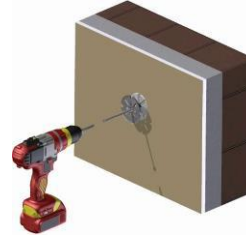


Figure 4



Figure 5