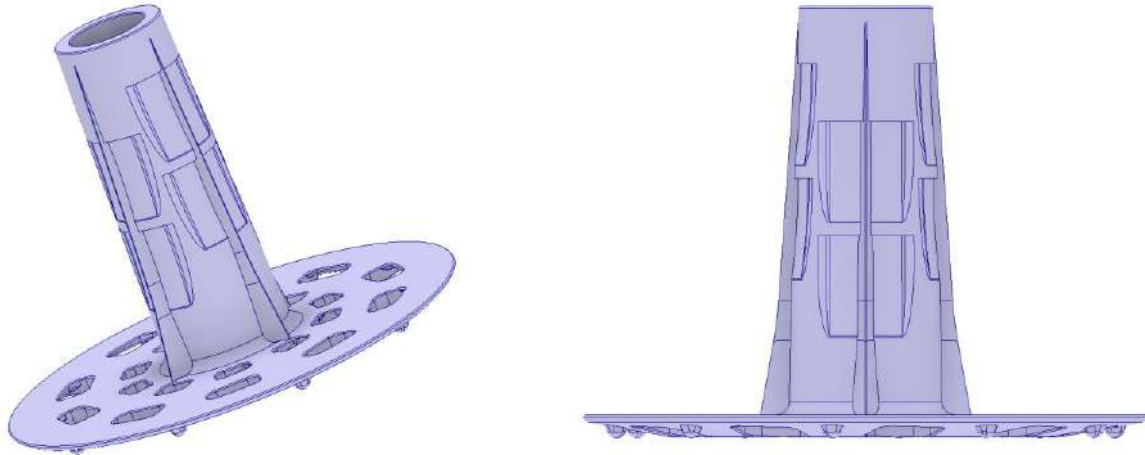


FIXINGS FOR BOW CONNECTION SYSTEMS

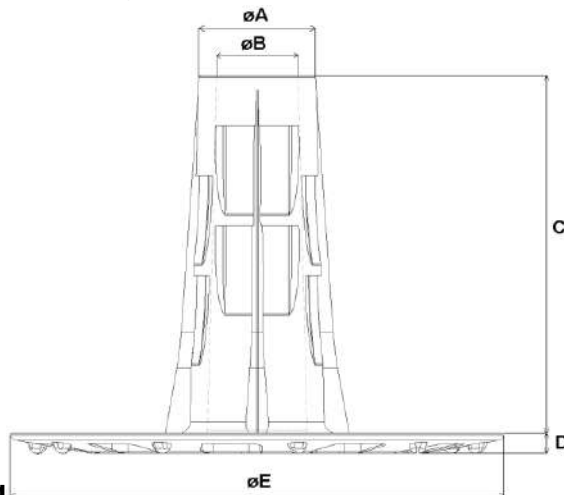


Generality

The FHF fastening system is used for anchoring steel fiber staple connection systems in structural reinforcements. The fastening consists of a cylindrical dowel ending with a large diameter flange. The solid structure and the moulding made of glass-filled polypropylene guarantee a remarkable resistance to impact and erosion, an excellent durability and a high thermal resistance.

Materials

PP polypropylene with 30% glass fibre.



Dimensions Fixing

Code	øA	øB	C	D	øE
FHF20	20,5±0,5	14±0,5	62,5±0,5	3,5±0,5	86

Note: All dimensions are expressed in millimetres, unless otherwise stated.

Benefits

- High strength and durability
- Speed and ease of installation.
- Very good performance in the range from -40°C to $+80^{\circ}\text{C}$.

Product for professional use for:

- Realization of diatones for the connection of band reinforcement systems;
- Reinforcement of wall taps by diffuse insertion of steel fibre diatones;
- Reinforcement for cladding of masonry taps, vaults, domes or masonry arches made of steel fiber bands;
- Reinforcement of masonry arches through intradosal seam with steel fiber connectors.

Installation

First of all, a steel fiber fabric band of such length must be inserted to allow the predisposition inside the connector of the minimum number of strands needed to draw on the tensile strengths. The final part of the fabric band is then frayed, cutting the support net parallel to the strands for a length equal to that of the outfeed that you want to make on the front. For a connector with both sides of the connector, this must be done on both ends of the fiber strip. Once the cut of the fabric is finished, the band will be rolled up on itself, taking care to create a cylinder of appropriate diameter with respect to the hole made.

Loads

Load type	Permissible tensile load of a single dowel
Tensile strength	0,9 kN

Note: 1 kN = 100 kgf

CAUTION: IT IS ADVISABLE TO MAKE

A CORRECTED SAFETY COEFFICIENT AT THE REPORTED VALUES.