



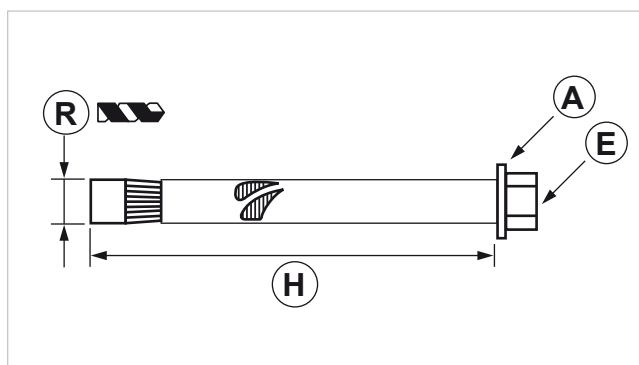
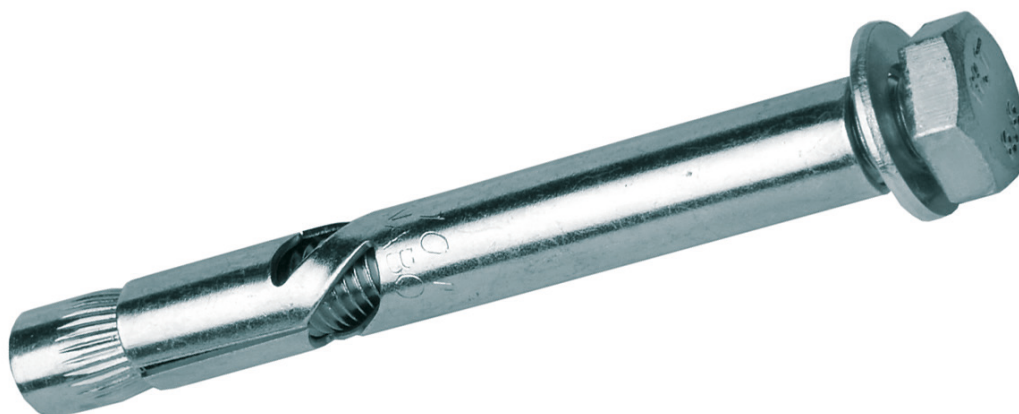
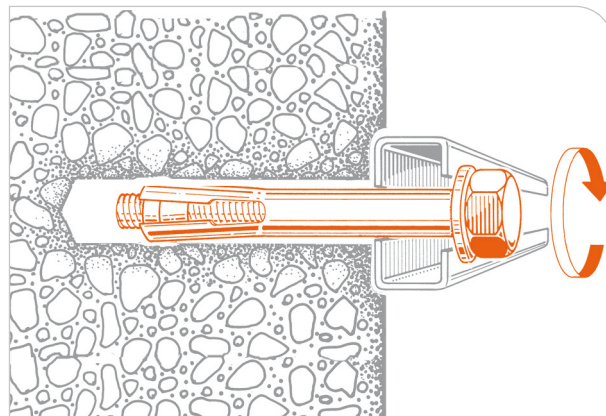
TBF Medium duty steel anchor

APPLICATION

Through fixing for medium-heavy loads which have to be fastened on solid materials (wood, chipboard, concrete, solid bricks, stone).

FEATURES AND BENEFITS

- > **Wide and uniform expansion** thanks to its different body sections.
- > The knurled expansive cone helps preventing useless rotations during anchoring, and it guarantees a uniform expansion on different areas.
- > Fast installation.
- > The item's body can be put out of shape in order to guarantee perfect object adherence on the base material.
- > It is used to fix plumbing devices, brackets, carpentry, canalizations, tracks, etc.



COD	TYPE	Application	Min. hole depth (mm)	Max. fixable thickness	A	E	H	R
100310	TBF 10X55	PA - PA30 - PA2 - PA40 - PAP - PAP50	50	8	19x8,5x1,5	M8x55	55	10
100311	TBF 10X80	SAT - SAT1 - SA2 - PF - PF1 - PF5	50	35	19x8,5x1,5	M8x80	80	10
100321	TBF 12X105	PAP - PF2 - PF3 - PF7 - PAP50 - SAT2	65	45	23x10,5x2	M10x105	105	12



ANCHORS AND SEALANTS

METAL ANCHORS

MATERIALS TECHNICAL DATA

MATERIAL

Steel 4.8 EN ISO 898-1 with electro zinc plating 7-8 µm

BASE MATERIAL

Concrete | Masonry | Stone | Solid bricks

RECOMMENDED LOADS

TYPE	A
TBF 10X55	210
TBF 10X80	280
TBF 12X105	440

A= tensile strength.

Recommended load is the average resistance loads with a safety coefficient.

Data expressed in daN. 1 daN=1kg.

Tested on concrete of 3000 psi (20,67 Mpa).

INSTALLATION TOOLS AND RECOMMENDATIONS

Drill, with proper drill bit.

Make a hole with the required diameter and depth, and remove drilling dust. Insert both the object you have to fix and the anchor. Fasten the item.

PACKAGING

In cardboard box

DATA 09-2020 REV. 00

The current technical data sheet substitutes and cancels the previous ones. Information correspond with our current knowledge of the product. It cannot lead us to any sort of responsibility or compensation.

Gia S.p.A. reserves the right of changing technical features and molds without notice.

Gia S.p.A. – Via Sac. A. Cremona, 12 – 28069 Trecate (NO) – www.gia.it

T 05.33.166 REV 0

