

ISO 10

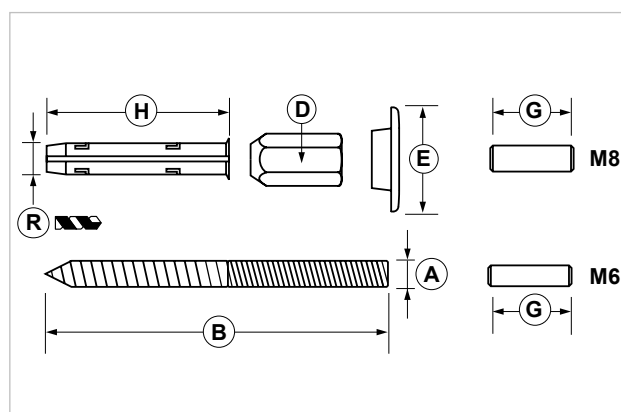
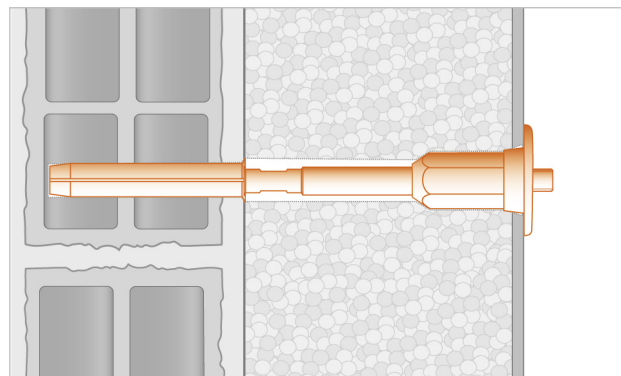
Heavy duty fixing for insulated walls

APPLICATION

Fixing on walls with insulating panels up to 180mm thick.

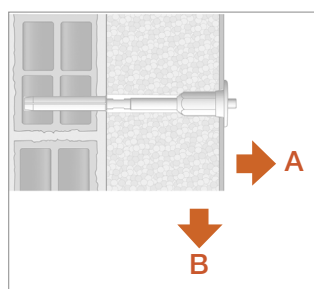
FEATURES AND BENEFITS

- > The use of several components **increases thermal insulation**.
- > The 35mm long ending joint is **shaped in order to simplify the item's insertion into the insulating panel** with M6 and M8 threads.
- > **Complete with cover washer** to guarantee the thermal closure of the hole.
- > The Giolli plug guarantees a **reliable and strong grip** on any kind of wall. Install it by using the so called "PTN 12" inserting tool (cod. 120012).



COD	TYPE	For insulation (mm)	Min. hole depth (mm)	A	B	D	E	G	H	R
120100	ISO 10X100	40 -65	140	M10	100	sw 17	40	32	70	12
120140	ISO 10X140	80 - 105	180	M10	140	sw 17	40	32	70	12
120180	ISO 10X180	120 - 145	220	M10	180	sw 17	40	32	70	12
120220	ISO 10X220	160 - 185	260	M10	220	sw 17	40	32	70	12

RECOMMENDED LOADS



TYPE	Insulation thickness	A				B
		Hollow brick	Solid brick	Concrete	Cellular concrete	
ISO 10X100	60 mm	55	133	190	14	25
ISO 10X140	100 mm	55	133	190	14	20
ISO 10X180	140 mm	55	133	190	14	15
ISO 10X220	180 mm	55	133	190	14	10

Recommended load is the average resistance loads with a safety coefficient. Data in daN - 1daN=1kg.

ANCHORS AND SEALANTS

ANCHORS FOR INSULATED WALLS

MATERIALS TECHNICAL DATA

SCREW AND JOINT = Steel 4.8 EN ISO 898-1 with electro zinc plating 7-8 µm

PLUG = PP Polypropylene

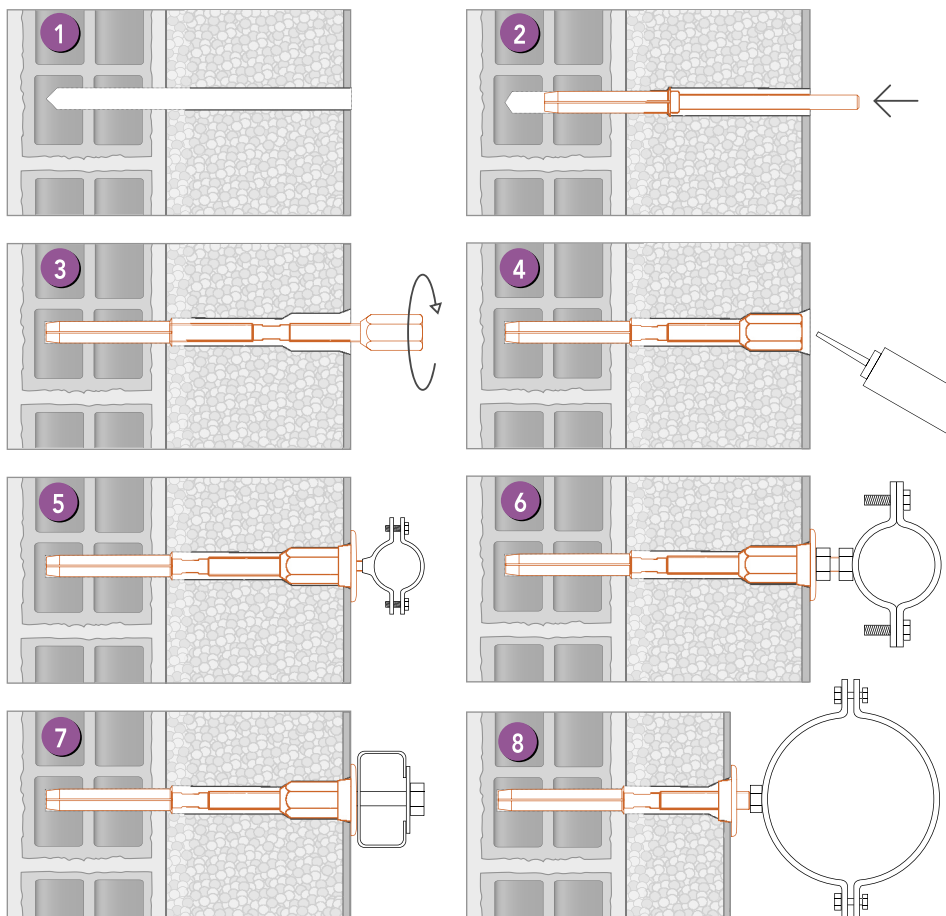
COVER WASHER = PP Polypropylene

THREADED STUDS AND NUT = Stainless steel AISI 304 - EN 10088

BASE MATERIAL

Solid masonry - Aerated cellular concrete (Gasbeton) - Hollow brick walls - Cement - Prestressed concrete

INSTALLATION PROCESS



WITH ISO 8 AND ISO 10

- 1- Drill insulating panel and wall with a drill bit of:
Ø 10 for ISO 8
Ø 12 for ISO 10
- 2- Insert TN plug using PTN inserting tool
- 3- Tighten the screw either with or without the reduction piece
- 4- Set screw and joint flush the insulating panel and seal the borders. Apply the insulating washer and the covering finish.
- 5- Fasten the product on the external wall using the M6 stud.

MOREOVER WITH ISO 10

- 6- Fasten the product on the external wall using the M8 stud
- 7- It is possible to install it with a bolt
- 8- It is possible to install it with M10

INSTALLATION TOOLS AND RECOMMENDATIONS

Drill with proper drill bit.

Do not use the impact drill to prevent breaking the internal bulkhead of the brick.

PACKAGING

In cardboard box

DATE 06-2023 REV. 01

The current technical data sheet substitutes and cancels the previous ones. The details provided fit 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.

This company is subject to "Ethica Global Investments S.p.A." management.

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