

**CATALOGUE 2025**

 **Bartolucci**<sup>®</sup>  
Fixing System

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## COMPANY

**Bartolucci** is an Italian company with a great experience in the sector of light fixing systems. It is specialized in the injection moulding and technical plastic products for over 30 years.



## BARTOLUCCI FIXINGS

**Bartolucci Fixing Systems** has developed its own line of products under the Bartolucci brand and hence the production and marketing of plugs and anchoring systems.



## ORIGIN

At the beginning **Bartolucci** started producing the plugs for the most important international brands with their own logo and customization.



## MARKETS

Besides covering the Italian market , **Bartolucci** plugs are mostly exported to Europe, the Middle East and North Africa.

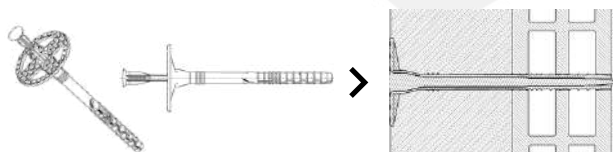
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## INSULATION FIXINGS WITH PA6 +30% GF PIN

The FMN plug system is used for the installation of insulation systems, technically called ETICS (External Thermal Insulation Composite System). The plug is CE certified in accordance with the ETAG 014:2011. The plug consists of a HDPE plug and a PA6 and 30% fibreglass reinforced pin which proves to be very resistant to the impact with the hammer.



### INSTALLATION



### APPLICATION



### INSULATION FIXINGS WITH PA6 + 30% GF PIN

CODE	FIXING Ø X L	PCS/BOX	BOXES /PALLET
FMN10X060	10x60	250	128
FMN10X070	10x70	250	128
FMN10X090	10x90	250	96
FMN10X110	10x110	250	64
FMN10X130	10x130	250	64
FMN10X150	10x150	250	45
FMN10X180	10x180	250	45
FMN10X210	10x210	250	35
FMN10X240	10x240	250	35

### ETA CERTIFICATE IN PROCESS

FMN10X270	10x270	150	35
FMN10X300	10x300	150	35

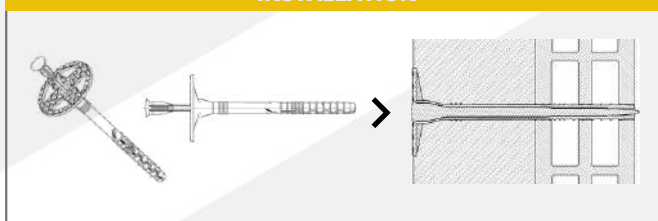
Material :	Applications:	Benefits :
<ul style="list-style-type: none"> <li>Plug: HDPE - High density polyethylene</li> <li>Pin: PA66 + GF30 - 30% glass fiber reinforced Polyamide PA66</li> </ul>	<ul style="list-style-type: none"> <li>Concrete</li> <li>Stone</li> <li>Solid brick</li> <li>Hollow walls</li> </ul>	<ul style="list-style-type: none"> <li>CE certified plug</li> <li>High quality and resistant materials</li> <li>Wide range of lengths ( 60 to 300 mm.)</li> <li>Wide range of temperatures ( between -40° and +80° C)</li> </ul>

## GREEN INSULATION FIXINGS WITH PA6 +30% GF PIN

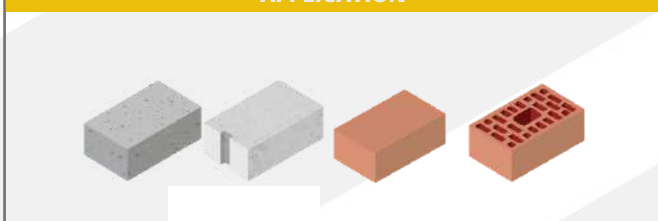
The FMN plug is used for the installation of insulation systems, technically called ETICS (External Thermal Insulation Composite System). The plug consists of a HDPE plug and a PA6 and a 30% fibreglass reinforced pin which proves to be very resistant to the impact with the hammer. The "second life plastic" (PSV) certification is the first Italian and European brand dedicated to recycled plastic which certifies the percentage of recycled material the product is made of, from which traceability follows.



### INSTALLATION



### APPLICATION



### ETA CERTIFICATE IN PROCESS

#### INSULATION FIXINGS WITH PA6 30% FG

CODE	FIXING Ø X L	PCS/BOX	BOXES /PALLET
FMN10X060-PSV	10x60	250	128
FMN10X070-PSV	10x70	250	128
FMN10X090-PSV	10x90	250	96
FMN10X110-PSV	10x110	250	64
FMN10X130-PSV	10x130	250	64
FMN10X150-PSV	10x150	250	45
FMN10X180-PSV	10x180	250	45
FMN10X210-PSV	10x210	250	35
FMN10X240-PSV	10x240	250	35
FMN10X270-PSV	10x270	150	35
FMN10X300-PSV	10x300	150	35

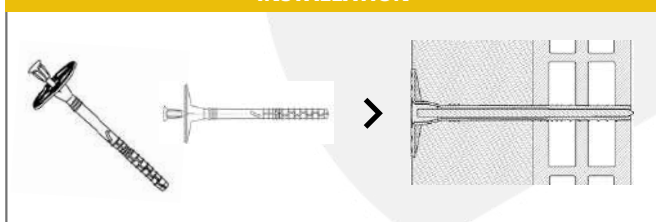
Material :	Applications:	Benefits :
<ul style="list-style-type: none"> <li>Plug: HDPE - High density polyethylene</li> <li>Pin: PA66 + GF30 - 30% glass fiber reinforced Polyamide PA66</li> </ul>	<ul style="list-style-type: none"> <li>Concrete</li> <li>Stone</li> <li>Solid brick</li> <li>Hollow walls</li> </ul>	<ul style="list-style-type: none"> <li>High quality and resistant materials</li> <li>Wide range of lengths ( 60 to 240 mm.)</li> <li>Wide range of temperatures ( between -40° and +80° C)</li> </ul>

## INSULATION FIXINGS WITH STEEL PIN

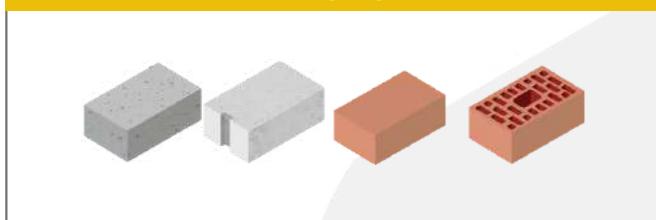
The FMM plug is used for the installation of insulation systems, technically called ETICS (External Thermal Insulation Composite System) on very durable wall mounts. The plug consists of a HDPE plug and a galvanized steel pin with a PA6 hood cap covering the thermal bridge, which proves to be very resistant to the impact with the hammer.



### INSTALLATION



### APPLICATION



### INSULATION FIXINGS WITH STEEL PIN

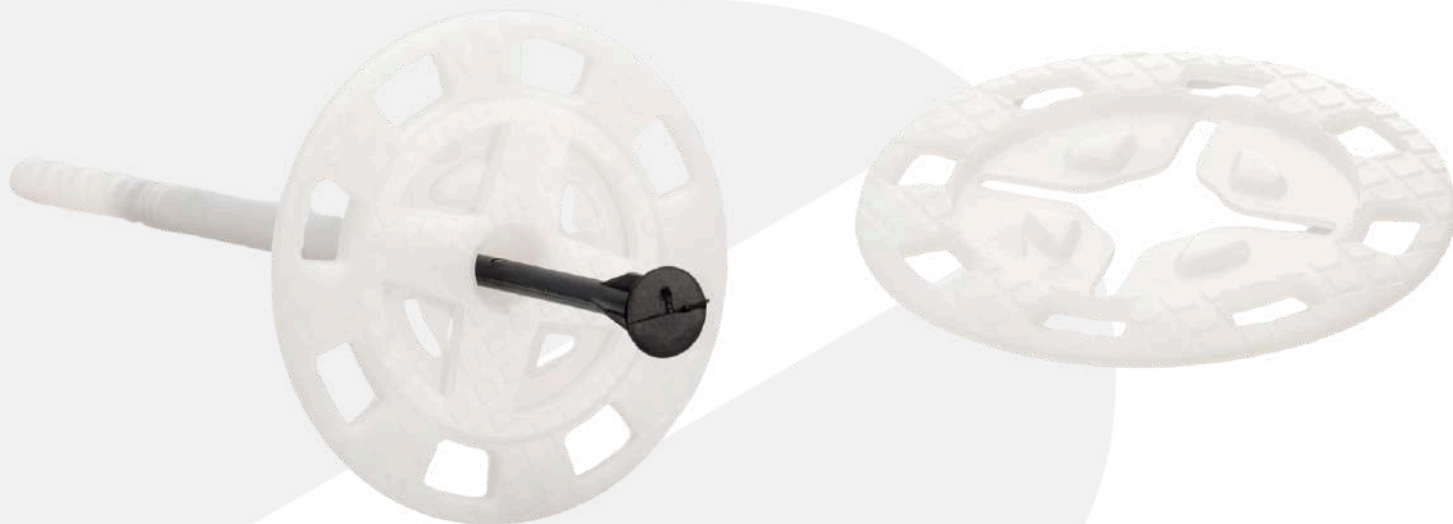
CODE	FIXING Ø X L	PCS/BOX	BOXES /PALLET
<b>FMM10X130</b>	10x130	250	64
<b>FMM10X150</b>	10x150	250	45
<b>FMM10X180</b>	10x180	250	45
<b>FMM10X210</b>	10x210	250	35
<b>FMM10X240</b>	10x240	250	35
<b>FMM10X270</b>	10x270	200	35
<b>FMM10X300</b>	10x300	200	35

Material :	Applications:	Benefits:
<ul style="list-style-type: none"> <li>• Plug: HDPE - High density polyethylene</li> <li>• Pin: Galvanized steel</li> </ul>	<ul style="list-style-type: none"> <li>• Concrete</li> <li>• Stone</li> <li>• Solid brick</li> <li>• Hollow walls</li> </ul>	<ul style="list-style-type: none"> <li>• Fast and easy installation</li> <li>• Wide range of temperatures (between -40°C and +80°C)</li> </ul>

## OVERSIZED WASHER

The oversize fastening system FMR, thanks to its size and shape, ensures a greater surface contact. Its 90 mm diameter makes it perfect to fix panels and insulation materials with low resistance to compression.

Adaptable to our thermal insulation plugs (art FMN and art FMM) and to our fixing kit composed by disc FST + screw+ plug (art FSTFZ).



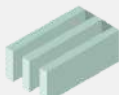
### INSTALLATION



### APPLICATION



POLYSTYRENE



DRYWALL



CONCRETE

### PEHD OVERSIZED WASHER 90 mm .

CODE	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FMR90</b>	25	24	30

### BULK

CODE	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FMRI90</b>	500	24	30

Material :	Benefits:
<ul style="list-style-type: none"> <li>PEHD - High density polyethylene</li> </ul>	<ul style="list-style-type: none"> <li>The FMR series fixing is adaptable to all our thermal insulation hardware</li> <li>Ideal for fixing soft insulation materials, where a greater contact surface with low compressive strength is required)</li> </ul>

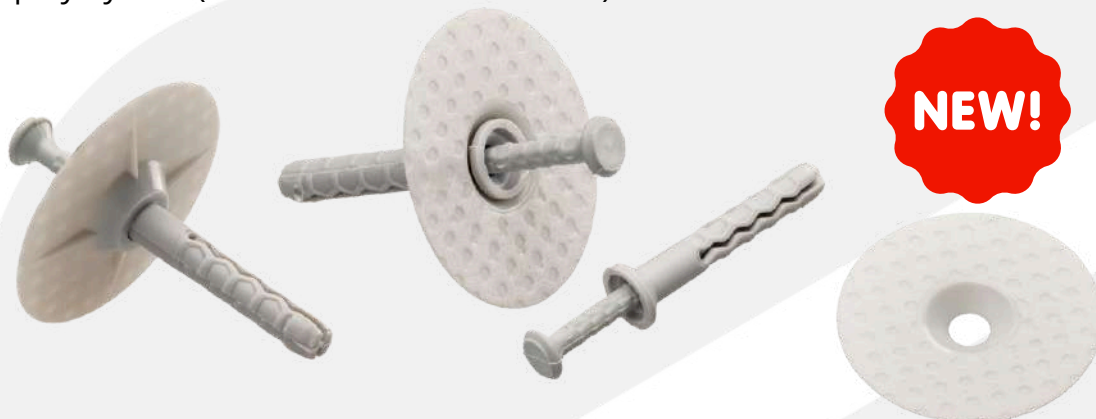


# HAMMER FIXINGS FOR THE INSTALLATION OF INTERNAL THERMAL INSULATION

New Nylon fixing with countersunk head and pre-assembled nail made of glass fibre thermoplastic composite is provided with polyamide washer. Percussion installation. This fixing is specifically designed to support the application of plaster on internal insulation walls in polystyrene (internal thermal insulation).



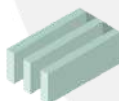
VIDEO



## APPLICATION



SOLID BRICK



PLASTERBOARD

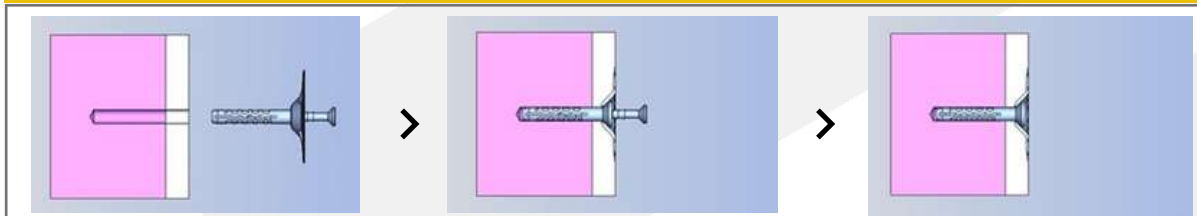


HOLLOW BRICK

## FIXING FOR INTERNAL INSULATION

CODE	PCS/BOX	BOXES/CARTON	BOXES/PALLET
FDT	100	24	30

## INSTALLATION



### Material :

- Plug body: Polyamide
- Nail: Fiber-composite Polyamide PA6
- Washer: Polyamide

### Benefits:

- Easy and quick installation
- High strenght
- Free of metal parts
- Mould resistant
- Highly recommended for exposure to wet areas
- Low thermal conductivity

### Applications :

- Solid masonry
- Specific for external use, plumbing and gutter
- Specific for internal use, electric fixing
- Maximum thickness insulation panels 12 mm

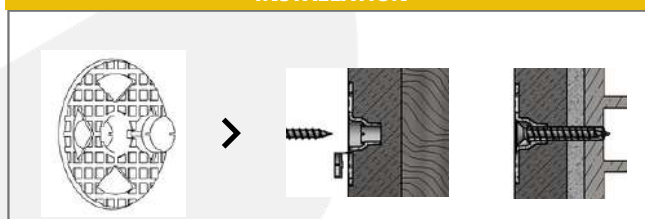
## INSULATION FIXING DISCS

The disc is affixed to the support with a Ø 6 mm self-tapping flathead screw or an Ø 8 mm hammering plug. It is indicated for fixing rock wool or cellular glass insulation panels. The sealing cap creates a complete insulation from the thermicbridge making the wall perfectly smooth.

Available also in HD polyethylene or Nylon PA6.



### INSTALLATION



### BULK

CODE	PCS/BOX	BOXES /PALLET
<b>FSTIPA6GRI</b>	500	64

### NYLON INSULATION DISK

CODE	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FSTPA6GRI</b>	25	24	30

### BULK

CODE	PCS/BOX	BOXES /PALLET
<b>FSTIPEHD</b>	500	64

### PEHD INSULATION DISK

CODE	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FSTPEHD</b>	25	24	30

Material :	Benefits:
<ul style="list-style-type: none"> <li>PEHD - Nylon PA6</li> </ul>	<ul style="list-style-type: none"> <li>The closure cap provides complete insulation of the thermal bridge and allows a perfect shave</li> <li>The clamping of the self-tapping screw of the hammer plug, inserted in the center of the disc create the right pressure for the attachment of the insulator</li> </ul>

## **INSULATION FIXING DISCS**

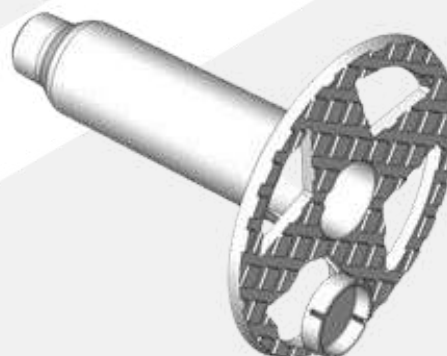
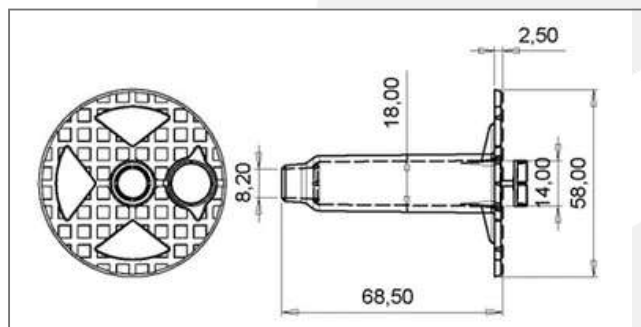


BULK		
CODE	PCS/BOX	BOXES /PALLET
<b>FSTXLIPA6GR</b>	300	64

BULK		
CODE	PCS/BOX	BOXES /PALLET
<b>FSTXLIPEHD</b>	300	64

EXTENDED DISK D.58 PEHD			
CODE	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FSTXLPEHD</b>	15	30	30

EXTENDED DISK D.58 NYLON			
CODE	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FSTXLPA6GRI</b>	15	30	30



Materials :	Applications:
<ul style="list-style-type: none"> <li>Available in neutral HDPE or PA6 grey RAL 7035</li> </ul>	<ul style="list-style-type: none"> <li>With the hammer plug FG / universal dowels FZTASS / extended plugs FZGXL (all 8mm diameter) can be applied on concrete, Solid brick and drilled brick</li> <li>The surface of the disc allows to fix insulating panels of various types (polystyrene, polyurethane, cellular glass, mineral wool, compression-resistant insulation materials)</li> </ul>

## MILLED WASHER FOR FIXING COUPLED SHEETS

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 fibre). The FTT plug consists of a glass fibre 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, is able to remove the material from the surface flushing it down the wall by placing a screwdriver in the central hexagonal impression.

The combination of a FTT washer, an expansion plug (Bartolucci's FZTASS08 plug recommended) and a 5 mm chipboard screw of adequate length produces the FTTVTFZ system.



### INSTALLATION



### INSULATION DISC

CODE	DISC Ø	MATERIAL	PCS/BOX	BOXES /CARTON	BOXES /PALLET
<b>FTT60X16</b>	60mm	PA6630%GF	25	24	30

### BULK

CODE	DISC Ø	MATERIAL	BOXES/ CARTON	BOXES /PALLET
<b>FTTI60X16</b>	60mm	PA6630%GF	500	24

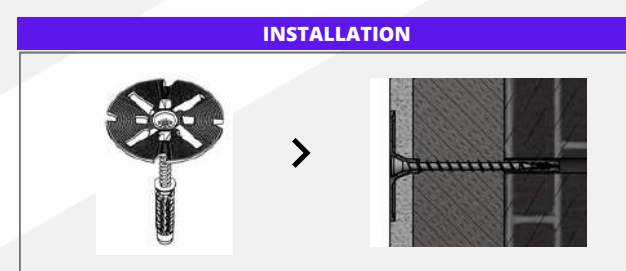
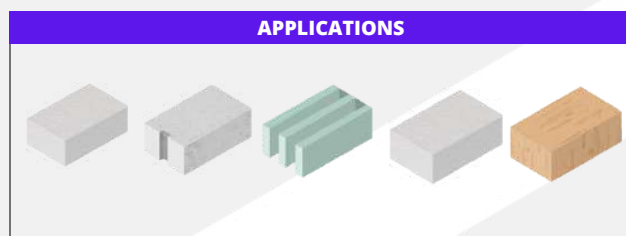
Material :	Benefits:
<ul style="list-style-type: none"> <li>PA66 + GF30 - 30% glass fibre reinforced Polyamide PA66</li> </ul>	<ul style="list-style-type: none"> <li>High quality and resistant materials</li> <li>The rotation of the disc, which is done by placing the tool of an electric screwdriver in the central socket, allows the clearing of superficial material in order to smooth the wall</li> <li>Fast and easy installation</li> </ul>

## SET FOR FIXING COUPLED PLATES, DISC/WASHER+SCREW+PLUG

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 fibre). The FTT plug consists of a glass fibre reinforced PA66 disc, which has a double function: it is used both as a fixing system and as a cutting tool. The combination of a FTT washer, an expansion plug (Bartolucci's FZTASS08 plug recommended) and a 5 mm chipboard screw of adequate length produces the FTTVTFZ system.



SET FOR FIXING COUPLED PLATES, DISC/WASHER+SCREW+PLUG				
CODE	SCREW Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
FTTVTFZ5X60	5X60	50	8	24
FTTVTFZ5X70	5X70	50	8	24
FTTVTFZ5X80	5X80	50	8	24
FTTVTFZ5X90	5X90	50	8	24
FTTVTFZ5X100	5X100	50	8	24
FTTVTFZ5X110	5X110	50	8	24
FTTVTFZ10X120	6X120	50	8	24
FTTVTFZ10X130	6X130	50	8	24



Material :	Benefits:	Applications :
<ul style="list-style-type: none"> <li>PA66 + GF30 - 30% glass fibre reinforced Polyamide PA66</li> <li>Plug made in PA6</li> </ul>	<ul style="list-style-type: none"> <li>High quality and resistant materials.</li> <li>Fast and easy installation</li> </ul>	<ul style="list-style-type: none"> <li>Able to fix pre-coupled thermoacoustic insulation panels made of gypsum fiber and supports made of concrete, solid brick, hollow wall and chipboard plates</li> </ul>



## SELF-DRILLING FIXINGS

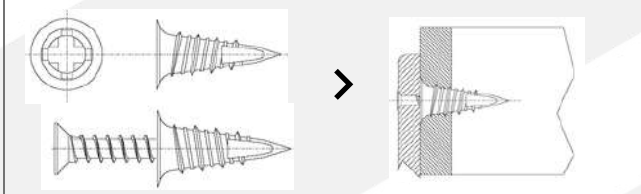
The self-drilling FCV plug is a plug for plasterboard slabs which does not require any preliminary perforation. The plastic material used (PA66 fibreglass 30%) makes its performance highly stable over time, even in critical environmental conditions.

It can be provided with a chipboard screw standard type DIN 7505, countersunk white galvanized cross-cut PZ2 head.

As such, the FCV can still be used when the width of the panel and the depth of the space are unknown.



### INSTALLATION



### APPLICATION



### SELF-DRILLING FIXINGS PA66 FG

CODE	SCREW Ø X L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FCV</b>	4,5X40	200	24	30

### BULK

CODE	PCS/BOX	BOXES /PALLET
<b>FCVI</b>	10.000	24

### SELF-DRILLING FIXINGS PA66 FG + SCREW

CODE	SCREW Ø X L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FCVW</b>	4,5X40	150	24	30

Material :	Benefits:	Applications :
<ul style="list-style-type: none"> <li>PA66 + GF30 - 30% glass fibre reinforced Polyamide PA66</li> </ul>	<ul style="list-style-type: none"> <li>Suitable for plasterboard walls</li> <li>Plug made of PA66 30% glass fiber</li> <li>No preliminary perforation is required</li> <li>It stays flush with the board</li> </ul>	<ul style="list-style-type: none"> <li>Polystyrene</li> <li>Drywall</li> </ul>

## SPECIAL FIXINGS

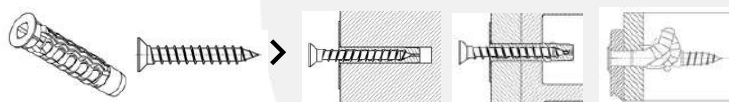
Thanks to the expansion of the sectors in four directions, the FZTASS plug guarantees great resistance on any type of support, both solid and hollow. It can be provided with a chipboard screw standard type DIN 7505, countersunk white galvanized cross-cut PZ2 head.



INSTALLATION



INSTALLATION



APPLICATION



UNIVERSAL FIXINGS

CODE	FIXING Ø X L	SCREW Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
FZTASS05	5x25	3,5	300	72	30
FZTASS06	6x30	4,5	200	72	30
FZTASS08	8x40	5	100	72	30
FZTASS10	10x50	6	50	36	30

UNIVERSAL FIXINGS + COUNTERSUNK HEAD SCREW ROUND

CODE	FIXING Ø X L	SCREW Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
FZTASSW05C	5x25	3,5x30	200	72	30
FZTASSW06C	6x30	4,5x40	100	72	30
FZTASSW08C	8x40	5x50	50	72	30
FZTASSW10C	10x50	6x60	25	36	30

BULK

CODE	FIXING Ø X L	SCREW Ø mm	PCS/BOX	BOXES /PALLET
FZTASSI05	5x25	3,5	30.000	36
FZTASSI06	6x30	4,5	25.000	30
FZTASSI08	8x40	5	12.500	24
FZTASSI10	10x50	6	5.000	30

UNIVERSAL FIXINGS + COUNTERSUNK HEAD SCREW

CODE	FIXING Ø X L	SCREW Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
FZTASSW05	5x25	3,5x30	200	72	30
FZTASSW06	6x30	4,5x40	100	72	30
FZTASSW08	8x40	5x50	50	72	30
FZTASSW10	10x50	6x60	25	36	30

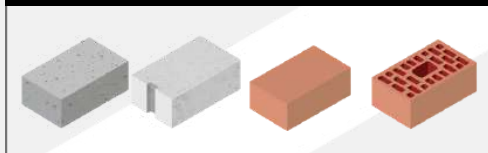
Material :	Benefits:	Applications:
<ul style="list-style-type: none"> <li>PA6 - Polyamide PA6</li> </ul>	<ul style="list-style-type: none"> <li>Optimal distribution of the tensions on the support, thanks to the expansion of the sectors in four directions</li> <li>Wide range of temperatures (between -40°C and +80°C)</li> <li>Fast and easy installation</li> </ul>	<ul style="list-style-type: none"> <li>Concrete and aerated concrete</li> <li>Solid and hollow bricks</li> <li>Plasterboard walls</li> </ul>

## UNIVERSAL FIXINGS AVANT SPECIAL WITH RIM

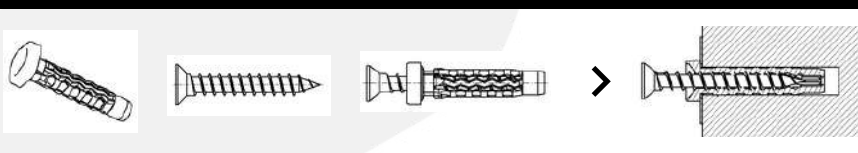
The universal plug (FAS) in Nylon PA6, thanks to the expansion of the sectors on four directions, allows high sealing values on all types of support both solid and hollow. It can be supplied also with white galvanized steel screw (FASW).



### APPLICATION



### INSTALLATION



### FIXING AVANT SPECIAL WITH COLLAR

CODE	FIXING Ø X L	SCREW Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FQ6X30</b>	6x30	4,5	200	24	30

### BULK

CODE	FIXING Ø X L	SCREW Ø mm	PCS/BOX	BOXES /PALLET
<b>FQI6X30</b>	6x30	4,5	20.000	42

### FIXING AVANT SPECIAL WITH COLLAR + SCREW

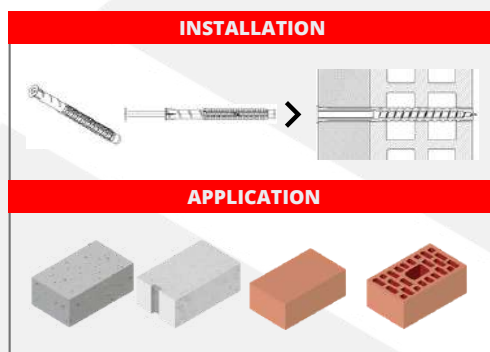
CODE	FIXING Ø X L	SCREW Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FQW6X30</b>	6x30	4,5x40	200	24	30

Material :	Benefits:	Applications:
PA6 - Polyamide PA6	<ul style="list-style-type: none"> <li>• It can fix minimum thicknesses on very light perforated façades</li> <li>• The plug reaches the maximum expansion underneath the head</li> <li>• Extremely robust collar</li> <li>• Wide range of temperatures (between -40°C and +80°C)</li> <li>• Fast and easy installation</li> </ul>	<ul style="list-style-type: none"> <li>• Concrete and aerated concrete</li> <li>• Solid and hollow bricks</li> <li>• Plasterboard walls</li> </ul>



## INTERMEDIATE FIXINGS

The FZGXL universal frame fixing with collar is a very versatile plug and it is capable of a double expansion in four directions thanks to its particular shape. Made out in PA6 nylon which provides great durability and resistance to all weather conditions. Available with and without galvanized countersunk-head TORX screw in three diameters (code FZGXLWT).



INTERMEDIATE FIXINGS				
CODE	FIXING Ø X L	PCS/BOX	BOXES/ CARTON	BOXES / PALLET
FZGXL6X60	6X60	50	24	30
FZGXL8X60	8X60	50	24	30
FZGXL10X60	10X60	50	24	30
FZGXL12X60	12X60	50	24	30
FZGXL14X75	14X75	50	11	30
FZGXL14X100	14X100	50	11	30
FZGXL14X145	14X145	25	11	30

INTERMEDIATE FIXINGS WITH SCREW					
CODE	FIXING Ø X L	SCREW Ø X L	PCS/BOX	BOXES/ CARTON	BOXES / PALLET
FZGXLWT6X60	6X60	5x65	50	24	30
FZGXLWT8X60	8X60	6x65	50	24	30
FZGXLWT10X60	10X60	7x65	50	24	30
FZGXLWT12X60	12X60	8x65	50	24	30

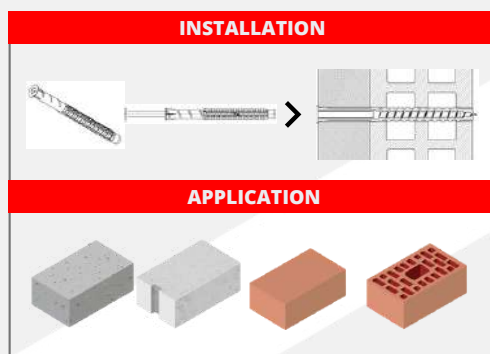
Material :	Benefits:	Applications:
<ul style="list-style-type: none"> <li>Body: PA6 nylon, RAL 7035</li> <li>Screw: white galvanized steel countersunk-head TORX</li> </ul>	<ul style="list-style-type: none"> <li>The two sectors expansion in four directions greatly distributes the grip on the support</li> <li>Plug collar prevents the body to completely fill in the hole during installation</li> <li>Rapid and easy to install</li> <li>Excellent performances between -40°C and +80°C</li> </ul>	<ul style="list-style-type: none"> <li>Concrete</li> <li>Stone</li> <li>Full brick - Hollow wall</li> </ul>

## FRAME FIXINGS

The FZGXL universal frame fixing is a very versatile plug and it is capable of a double expansion in four directions thanks to its particular shape. Made out in PA6 nylon which provides great durability and resistance to all weather conditions. Available with and without galvanized countersunk-head TORX screw in three diameters (code FZGXLWT).



VIDEO



ETA CERTIFICATE IN PROCESS

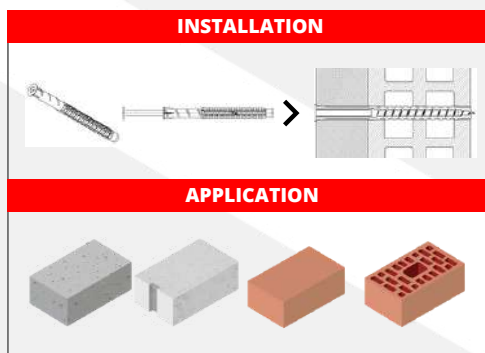
FRAME FIXINGS				
CODE	FIXING Ø X L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
FZGXL8X80	8X80	100	24	30
FZGXL8X100	8X100	100	24	30
FZGXL8X120	8X120	100	24	30
FZGXL8X140	8X140	100	11	30
FZGXL8X160	8X160	100	11	30
FZGXL10X80	10X80	50	24	30
FZGXL10X100	10X100	50	11	30
FZGXL10X120	10X120	50	11	30
FZGXL10X140	10X140	100	11	30
FZGXL10X160	10X160	100	11	30
FZGXL10X200	10X200	50	11	30
FZGXL10X240	10X240	50	11	30
FZGXL10X260	10X260	25	11	30

FRAME FIXINGS WITH SCREW					
CODE	FIXING Ø X L	SCREW Ø X L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
FZGXLWT8X80	8X80	5,5x85	50	24	30
FZGXLWT8X100	8X100	5,5x105	50	24	30
FZGXLWT8X120	8X120	5,5x125	50	24	30
FZGXLWT8X140	8X140	5,5x145	50	11	30
FZGXLWT8X160	8X160	5,5x165	50	11	30
FZGXLWT10X80	10X80	7x85	50	24	30
FZGXLWT10X100	10X100	7x105	25	11	30
FZGXLWT10X120	10X120	7x125	25	11	30
FZGXLWT10X140	10X140	7x145	50	11	30
FZGXLWT10X160	10X160	7x165	50	11	30
FZGXLWT10X200	10X200	7x205	25	11	30
FZGXLWT10X240	10X240	7x245	25	11	30
FZGXLWT10X260	10X260	7x265	25	11	30

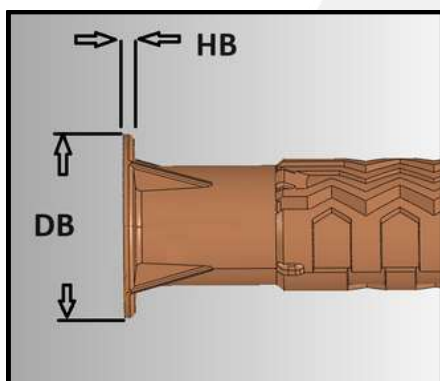
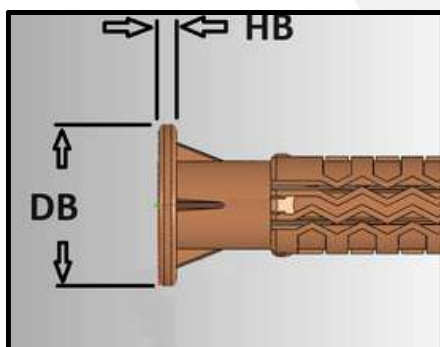
Material:	Benefits:	Applications :
<ul style="list-style-type: none"> <li>Body: Nylon PA6 con master RAL 7035</li> <li>Screw: TORX in acciaio zincato bianco con testa svasata</li> </ul>	<ul style="list-style-type: none"> <li>It can fix minimum thicknesses on very light perforated façades</li> <li>The plug reaches the maximum expansion underneath the head</li> <li>Extremely robust collar</li> <li>Wide range of temperatures (between -40°C and +80°C)</li> <li>Fast and easy installation</li> </ul>	<ul style="list-style-type: none"> <li>Concrete and aerated concrete</li> <li>Solid and hollow bricks</li> <li>Plasterboard walls</li> </ul>

## FRAME FIXINGS WITH COLLAR

The FZGXL universal frame fixing with collar is a very versatile plug and it is capable of a double expansion in four directions thanks to its particular shape. Made out in PA6 nylon which provides great durability and resistance to all weather conditions. Available with and without galvanized countersunk-head TORX screw in three diameters (code FZGXLWT).



	DB	HB
FZGXL8X...	13	1.5
FZGXL10X...	15	1.5
FZGXL8X...	16	2
FZGXL10X...	18	2



FRAME FIXINGS WITH COLLAR				
CODE	FIXING Ø X L	PCS/BOX	BOXES/ CARTON	CARTONS/ PALLET
FZGXL8X80	8X80	100	24	30
FZGXL8X100	8X100	100	24	30
FZGXL8X120	8X120	100	24	30
FZGXL8X140	8X140	100	11	30
FZGXL10X80	10X80	100	24	30
FZGXL10X100	10X100	100	11	30
FZGXL10X120	10X120	50	11	30
FZGXL10X140	10X140	100	11	30
FZGXL10X160	10X160	100	11	30
FZGXL10X200	10X200	50	11	30
FZGXL10X240	10X240	50	11	30
FZGXL10X260	10X260	25	11	30

Material :	Benefits:	Applications:
<ul style="list-style-type: none"> <li>Body: PA6 nylon, RAL 7035</li> <li>Screw: white galvanized steel countersunk-head TORX</li> </ul>	<ul style="list-style-type: none"> <li>The two sectors expansion in four directions greatly distributes the grip on the support</li> <li>Plug collar prevents the body to completely fill in the hole during installation</li> <li>Rapid and easy to install</li> <li>Excellent performances between -40°C and +80°C</li> </ul>	<ul style="list-style-type: none"> <li>Concrete</li> <li>Stone</li> <li>Full brick. □ Hollow wall</li> </ul>

# FIXINGS FOR SCREWS WITH ROLLING METRIC PITCH

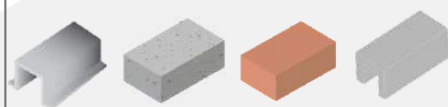
ROLLER fixings are designed to be fixed by means of screws with metric pitch. The type of thread allows a wide flexibility of applications as it can be drawn on all standardized products on the fastening and bolting market (Esagonal head, Allen, threaded bars,...) and as regards materials, burnished, galvanized or stainless steel screws.



**NEW!**

**PATENT  
PENDING**

## APPLICATION



## INSTALLATION



## ROLLER FIXINGS

CODE	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FROLM4X30</b>	200	36	30
<b>FROLM5X35</b>	200	24	30
<b>FROLM6X40</b>	200	36	30
<b>FROLM8X50</b>	50	24	30

## BULK

CODE	PCS/BOX	BOXES /PALLET
<b>FROLMI4X30</b>	30.000	30
<b>FROLMI5X35</b>	25.000	30
<b>FROLMI6X40</b>	12.500	30
<b>FROLMI8X50</b>	10.000	30

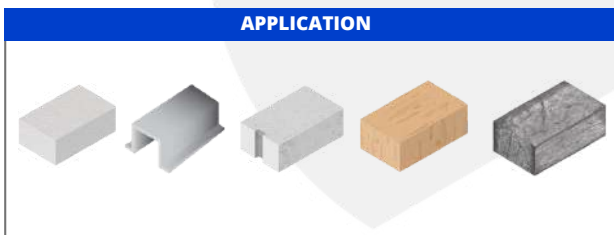
Material :	Benefits:	Applications :
PA6 - Polyamide Colour : Grey RAL 7035	Nylon plug with innovative design Maximum expansion already under the head The robust head plug ensures a strong and safe clamping It can fix minimum fixings (profiles and sheets) on perforated even lighter ones	<ul style="list-style-type: none"> <li>• Concrete</li> <li>• Solid brick</li> <li>• Empty walls</li> <li>• Metal profiles</li> </ul>

## FIXINGS WITH HELICAL BARS FOR STRUCTURAL REINFORCEMENT

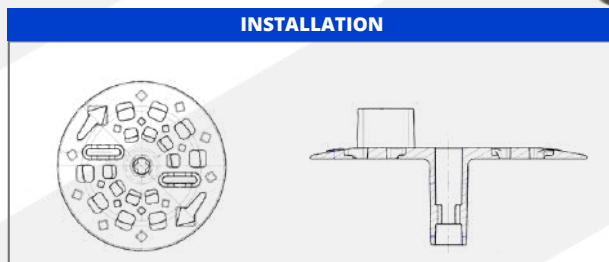
The FHD fastening system is used for anchoring steel helical bars in structural reinforcements. The fixing consists of a cylindrical plug that ends with a flange from which two little wings emerge, ensuring speed and ease of installation.



APPLICATION



INSTALLATION



STRUCTURAL SYSTEMS

CODE	PCS / BOX	BOXES / PALLET
<b>FHD08</b>	100	128
<b>FHD10</b>	100	128
<b>FHD12</b>	100	128

STRUCTURAL SYSTEMS

CODE	PCS / BOX	BOXES / PALLET
<b>FHDI08</b>	250	64
<b>FHDI10</b>	250	64
<b>FHDI12</b>	225	64

Material :	Benefits:	Applications :
Polypropylene PP Fiberglass 30%	The construction of polypropylene loaded with fiberglass ensures a high impact and erosion resistance, excellent durability and high thermal resistance. Fast and easy installation	<ul style="list-style-type: none"> <li>• Connections for structural reinforcement systems by band plating</li> <li>• Connections for structural reinforcement systems by diffuse plating</li> <li>• Mechanical anchors for guidance systems for floors with breakthrough problems</li> <li>• Seams of facade coverings</li> <li>• Roll-over connections for infill walls</li> </ul>



## PLUGS FOR BOW CONNECTION SYSTEMS

Polyethylene plugs for the realization of staple connection systems. The chemical composition of polyethylene ensures high durability, excellent abrasion and impact resistance. They are specific to create connections between structural networks and masonry in seismic adaptations and structural reinforcements.



STRUCTURAL SYSTEMS		
CODE	PCS/BOX	BOXES /PALLET
<b>FHF20</b>	50	128

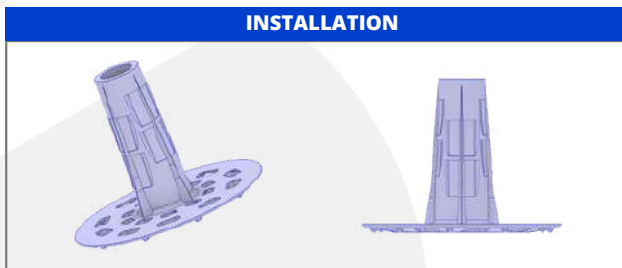
STRUCTURAL SYSTEMS		
CODE	PCS/BOX	BOXES /PALLET
<b>FHF120</b>	250	30

### INSTALLAZIONE

#### INSTALLATION



#### INSTALLATION

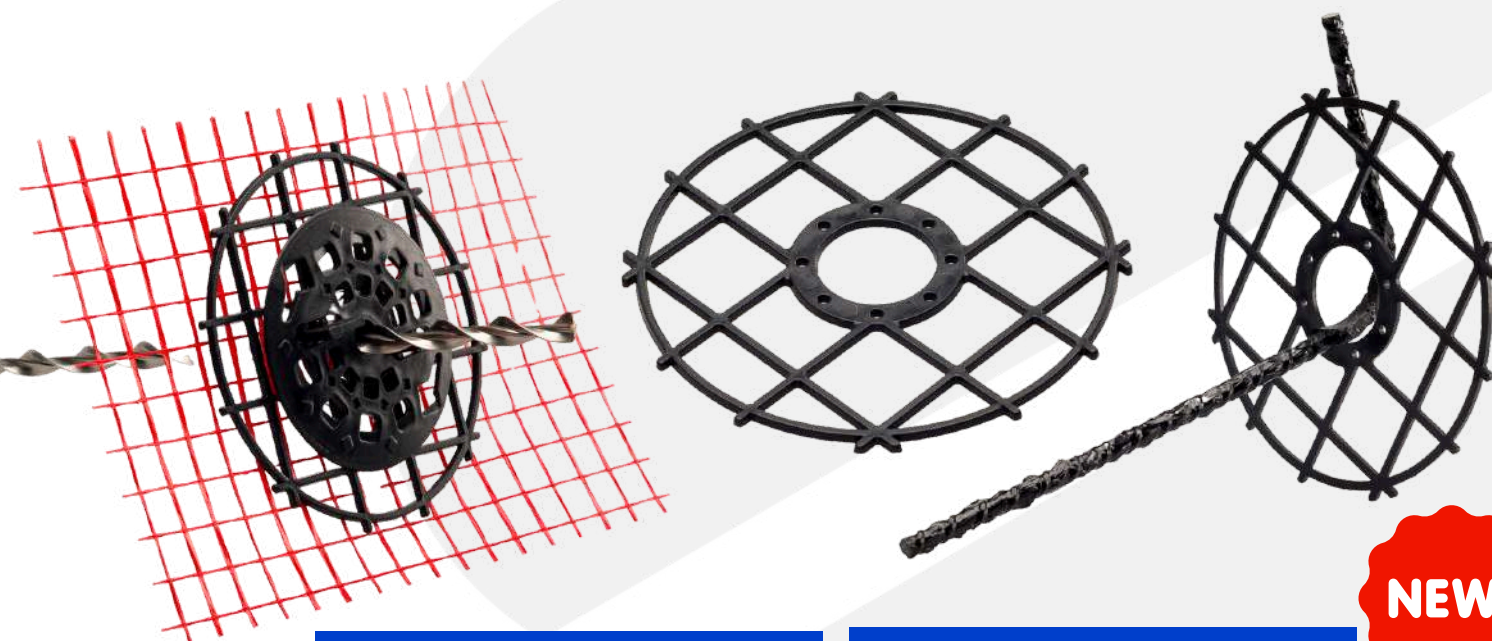


Material :	Benefits:	Applications :
PP polypropylene with 30% glass fibre	<ul style="list-style-type: none"> <li>• High strength and durability</li> <li>• Speed and ease of installation</li> <li>• Very good performance in the range from -40° C to +80° C</li> </ul>	<ul style="list-style-type: none"> <li>• Adaptation and improvement of the static and seismic behaviour of masonry and reinforced concrete buildings</li> <li>• Anti-tipping systems internal partitions and external infill</li> <li>• Structural reinforcement of reinforced concrete infrastructure</li> <li>• Structural reinforcement of masonry infrastructure</li> </ul>

## ACCESSORY FOR ANCHORING NETS

The FLTR 125-30 fixing is created to improve the adherence of the net for structural reinforcement to the connector, in order to increase the collaborating surface with the mortar. The reinforcement accessory is made of PP reinforced glass fibre resistant to alkaline environments.

It is created to distribute the anchor on a larger surface.



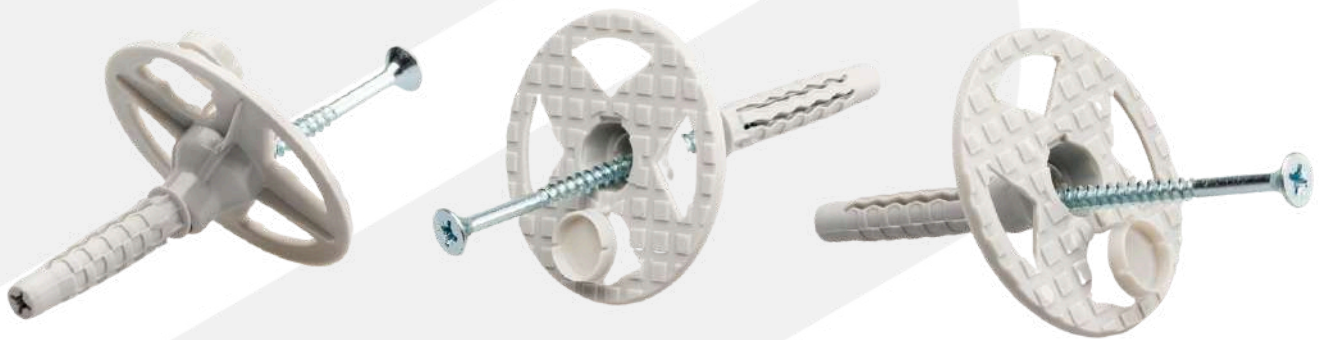
STRUCTURAL REINFORCEMENT			BULK		
CODE	PCS/BOX	BOXES /PALLET	CODE	PCS/BOX	BOXES /PALLET
FHR125-30	20	128	FHR125-30	150	64

**NEW!**

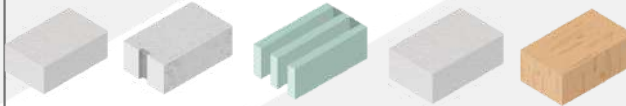
Benefits:	Applications:
<ul style="list-style-type: none"> <li>• Increased collaboration with the net</li> <li>• Easy insertion</li> <li>• Operating temperatures (between -20 and +50 °C)</li> <li>• Speed of installation</li> <li>• On request, the central fixing system can be customized</li> <li>• Resistant to alkaline chemicals</li> </ul>	<ul style="list-style-type: none"> <li>• It is suitable for improving the adhesion of existing roofs, structural reinforcements FRP and SRG</li> <li>• Adaptable to different construction solutions and different dry or resin fixing systems</li> </ul>

## SET FOR FIXING SAFETY CEILING SYSTEM, DISC+SCREW+PLUG

The FSTFZ compound fixing system is used for securing brick ceilings or false ceilings. The fixing system consists of a disc (D.68mm complete with cap) and a four-sector plug in PA6 nylon and a galvanised steel screw with a countersunk head and cross cut. To make the structure safe, the system allows fiber-reinforced meshes to be fixed to the ceiling which can then be completed with plaster, made up of special mortars or resins, or can be left exposed.



### APPLICAZIONE



### INSTALLAZIONE





SET FOR FIXING SAFETY CEILING SYSTEM, DISC+SCREW+PLUG				
CODE	SCREW Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
FSTFZ08X060	5X60	50	15	16
FSTFZ08X070	5X70	50	15	16
FSTFZ08X080	5X80	50	15	16
FSTFZ08X090	5X90	50	15	16
FSTFZ08X100	5X100	50	15	16
FSTFZ08X110	5X110	50	15	16
FSTFZ10X060	6X60	50	15	16
FSTFZ10X070	6X70	50	15	16
FSTFZ10X080	6X80	50	15	16
FSTFZ10X090	6X90	50	15	16
FSTFZ10X100	6X100	50	8	16
FSTFZ10X110	6X110	50	8	16
FSTFZ10X120	6X120	50	8	16
FSTFZ10X130	6X130	50	8	16

Material :	Benefits:	Applications :
PP polypropylene with 30% glass fibre	The plug of the FST series is very economical and is suitable for any type of support. The closure cap also provides complete insulation of the thermal bridge and allows a perfect shave Galvanized steel chipboard screw ensures good mechanical and oxidation resistance The plug, with the expansion of the sectors on four directions, distributes the seal optimally on any type of support allowing its use both on solid supports and in perforated supports	<ul style="list-style-type: none"> <li>• Concrete</li> <li>• Solid brick</li> <li>• Hollow brick</li> <li>• Sheets of chipboard and wood</li> </ul>

## INSULATION FIXING DISCS

The FRT fixation consists of a gray PA6 disc which is fixed to the support by a self-tapping countersunk head screw 5-6 mm or a hammer plug 6 or 8 mm.

The clamping of the self-tapping screw or of the hammer plug are inserted in the center of the disc and create the right pressure for the attachment of the insulator.

The FRT is characterized by a remarkable strength-excellent in case of structural reinforcement.



### INSTALLATION



### INSULATION DISC

CODE	DISC Ø	MATERIAL	PCS/BOX	BOXES /PALLET
<b>FRT</b>	60mm	PA6	25	30
<b>FRT</b>	80mm	PA6	25	30

### BULK

CODE	DISC Ø	MATERIAL	PCS/BOX	BOXES /PALLET
<b>FRT</b>	60mm	PA6	500	30
<b>FRT</b>	80mm	PA6	500	30

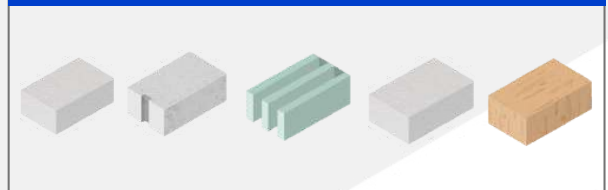
Materials:	Advantages:
PA6 color RAL 7035	<ul style="list-style-type: none"> <li>The plug of the FRT series is suitable for any type of support</li> <li>Its reduced thickness makes shaving much easier and faster</li> </ul>

## SET FOR FIXING SAFETY CEILING SYSTEM DISC+SCREW+PLUG

The fastening system FRT consists in a disc made in grey PA6 which is fixed on support through a Ø 6 mm self-drilling countersunk-head screw or through a Ø 6 or Ø 8 mm hammer plug. The tightening of the self-drilling screw or of the hammer plug, inserted in the central disc, create the right pressure for fixing the insulation. The FRT is characterized by a remarkable sturdiness - excellent in case of structural reinforcement.



### APPLICATION



### INSTALLATION



### DISC+SCREW+PLUG Ø8

CODE	SCREW Ø X L	PCS/BOX	BOX/ CARTONS	BOXES /PALLET
FRTFZ08X060	5X60	50	15	16
FRTFZ08X070	5X70	50	15	16
FRTFZ08X080	5X80	50	15	16
FRTFZ08X090	5X90	50	15	16
FRTFZ08X100	5X100	50	15	16
FRTFZ08X110	5X110	50	15	16
FRTFZ08X120	5X120	50	15	16
FRTFZ08X130	5X130	50	15	16

### DISC+SCREW+PLUG Ø10

CODE	SCREW Ø X L	PCS/BOX	BOX/ CARTONS	BOXES /PALLET
FRTFZ10X060	6X60	50	15	16
FRTFZ10X070	6X70	50	15	16
FRTFZ10X080	6X80	50	15	16
FRTFZ10X090	6X90	50	15	16
FRTFZ10X100	6X100	50	15	16
FRTFZ10X110	6X110	50	15	16
FRTFZ10X120	6X120	50	15	16
FRTFZ10X130	6X130	50	15	16

Material:	Benefits:	Applications
<ul style="list-style-type: none"> <li>Disk made in PA6</li> <li>Plug made in PA6</li> <li>Galvanized steel Pozi imprint 2</li> </ul>	<ul style="list-style-type: none"> <li>The clamping of the self-tapping screw or the hammer plug, inserted in the center of the disc create the right pressure for the attachment of the insulator</li> <li>Due to its reduced thickness makes shaving much easier and faster</li> </ul>	<p>with self-tapping screw on:</p> <ul style="list-style-type: none"> <li>wooden supports</li> <li>condensed</li> <li>chipboard</li> </ul> <p>with hammer plug 6/8:</p> <ul style="list-style-type: none"> <li>concrete</li> <li>brick</li> <li>pierced brick</li> </ul> <p>with screw and plug:</p> <ul style="list-style-type: none"> <li>masonry floors</li> <li>suspended ceilings</li> </ul>

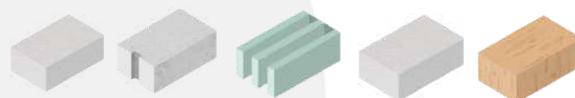
## THROUGH FIXING KIT FOR PANELS AND ANTI-SHATTER SYSTEMS

The FRTFZGXL fixing kits are designed for the through fixing of insulating panels or for anti-shatter systems of brick and cement floors.

The kit is composed of the FZGXL8 frame anchor, a special countersunk head screw with TORX T30 key and a low thickness FRT sealing washer in polymeric material.



### APPLICATION



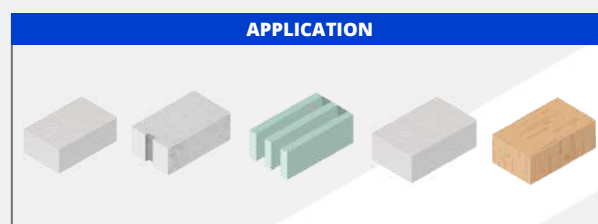
### THROUGH FIXING KIT FOR PANELS AND ANTI-SHATTER

CODE	SCREW Ø X L	PCS/BOX	BOX/ CARTONS	BOXES /PALLET
<b>FRTFZGXL8X60</b>	6X65	50	24	30
<b>FRTFZGXL8X80</b>	6X85	50	24	30
<b>FRTFZGXL8X100</b>	6X105	50	24	30
<b>FRTFZGXL8X120</b>	6X125	50	24	30
<b>FRTFZGXL8X140</b>	6X145	50	11	30
<b>FRTFZGXL8X160</b>	6X165	50	11	30

Material:	Benefits:	Applications
<ul style="list-style-type: none"> <li>Disk made in PA6</li> <li>Plug made in PA6</li> <li>C1006-1008 steel zinc plated (3-5 µm) countersunk TORX T30</li> </ul>	<ul style="list-style-type: none"> <li>is characterized by considerable robustness</li> <li>available in different lengths to adapt to the different thicknesses of the panels and/or to anchor in depth of structural elements</li> </ul>	<ul style="list-style-type: none"> <li>Insulating panels</li> <li>Anti-shatters systems</li> </ul>

## THROUGH HAMMER FIXING KIT FOR PANELS

The FRTFH fixing kits are designed for the through fixing of insulating panels. The kit consists of the 8mm diameter FI rabbet plug and the low thickness FRT sealing washer in polymeric material.

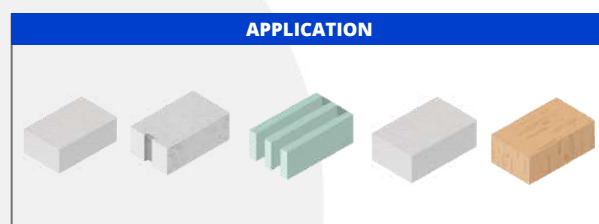


THROUGH HAMMER FIXING KIT FOR PANELS				
CODE	Fixing Ø x L	PCS/BOX	BOX/ CARTONS	BOXES /PALLET
<b>FRTFH8X80</b>	8x80	50	24	30
<b>FRTFH8X100</b>	8x100	50	24	30
<b>FRTFH8X120</b>	8x120	50	24	30
<b>FRTFH8X140</b>	8x140	50	24	30

Material:	Benefits:	Applications
<ul style="list-style-type: none"> <li>Disk made in PA6</li> <li>Plug made in PA6</li> <li>C1006-1008 steel zinc plated (3-5 µm) countersunk Philips</li> </ul>	<ul style="list-style-type: none"> <li>allows for very quick installation and is particularly suitable for very brittle support materials where the tightening torque can be a problem</li> <li>are available in different lengths to adapt to the different thicknesses of the panels</li> </ul>	<ul style="list-style-type: none"> <li>Insulating panels</li> </ul>

## NON-THROUGH FIXING KIT FOR PANELS AND ANTI-SHATTER SYSTEMS FOR SOFT BASE MATERIALS

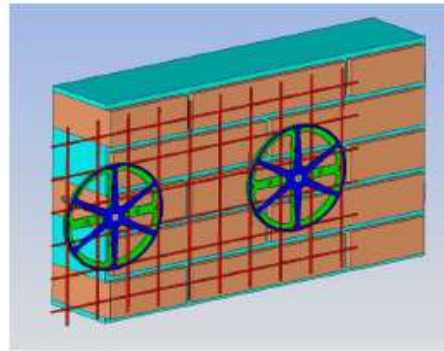
The FRTFAP fixing kits are designed for the non-through fixing of insulating panels. The kit is composed of the FAP plug, self-tapping screw and low-thickness FRT sealing washer in polymeric material.



NON-THROUGH FIXING KIT FOR PANELS				
CODE	SCREW Ø X L	PCS/BOX	BOX/ CARTONS	BOXES /PALLET
FRTFAP08X060	5X60	50	15	16
FRTFAP08X070	5X70	50	15	16
FRTFAP08X080	5X80	50	15	16
FRTFAP08X090	5X90	50	15	16
FRTFAP08X100	5X100	50	15	16
FRTFAP08X110	5X110	50	15	16

Material:	Benefits:	Applications
<ul style="list-style-type: none"> <li>Disk made in PA6</li> <li>Plug made in PEHD</li> <li>C1006-1008 steel zinc plated (3-5 µm) countersunk Philips</li> </ul>	<ul style="list-style-type: none"> <li>available with screws of different lengths to adapt to the different thicknesses of the panels to be fixed</li> <li>allows for non-invasive fixing on light and easily brittle materials such as gasbeton and tuff</li> </ul>	<ul style="list-style-type: none"> <li>Insulating panels</li> </ul>

## FDK : NET-FIX modular system for fixing reinforcement mesh



### Features

NET-FIX system is composed of a series of articles that allow the fixing of structural meshes (Steel, Fiberglass, Carbon, Basalt) at a distance determined from the surface of the wall support to be reinforced. In order for the reinforcement meshes to express the performances as per the design, it is necessary that they are correctly positioned with respect to the elements to be reinforced. The system allows for rapid and precise installation of the reinforcement in order to facilitate the subsequent phase of depositing the binding mortar. The strength of the system lies in the possibility of ordering the products based on the positioning distance of the meshes determined by the design and in the considerable variety of applicable fastenings. NET-FIX is designed to facilitate operations on site both for the assembly of the reinforcement meshes and for optimal installation of the binding mortars. NET-FIX is also the ideal solution for the execution of the so-called "reinforced coats", that is, the application of a 2-2.5 cm layer of reinforced mortar (depending on the fire resistance of the products used) above the external insulating coat of the building with the aim of increasing the external durability of the work and its fire resistance. In the case of sufficiently rigid EPS type insulation, it is possible to couple the NET-FIX system with fixing mushrooms for coats.

### Advantages

- Wide flexibility of fastening usable.
- Freedom to choose the distance of positioning of mesh.
- Fast and easy installation.
- Excellent resistance to alkaline agents.

### Base Material

- Concrete.
- Hollow brick walls.
- Solid brick walls.
- Stone walls.

### Applications

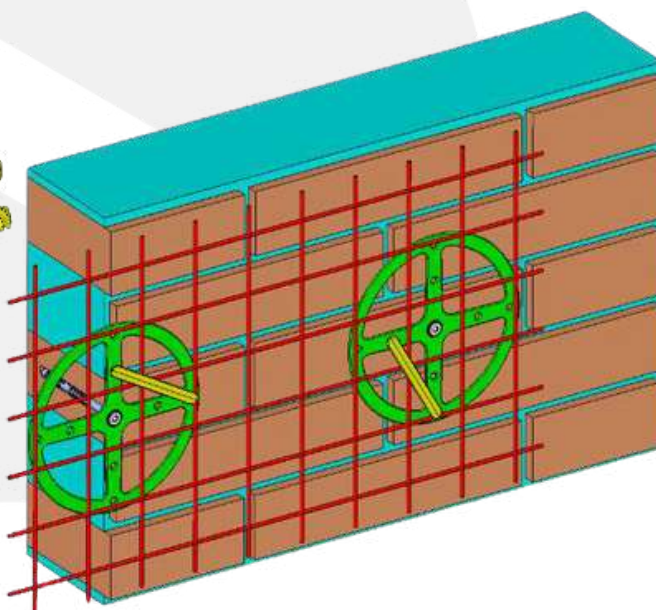
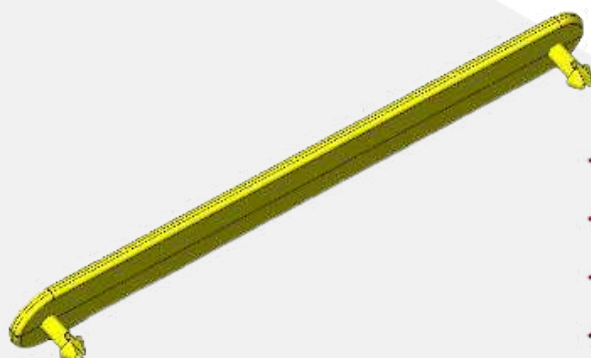
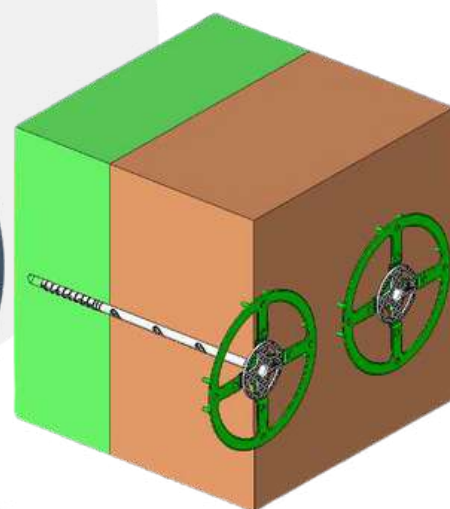
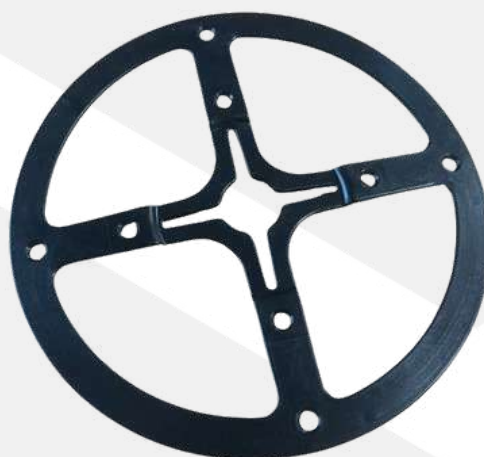
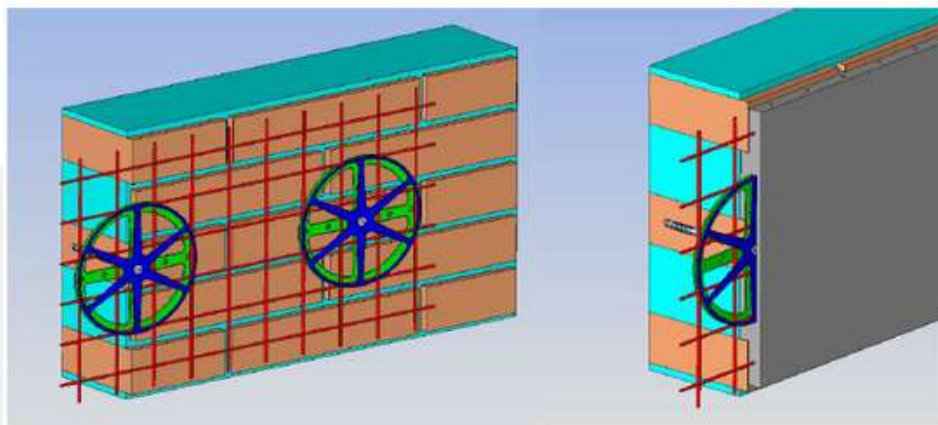
- Structural reinforcement.
- FRCM.
- CRM.
- Concr.Armored coats over ETICS.





## FDK : NET-FIX modular system for fixing reinforcement mesh

**NEW!**





# FDK : NET-FIX modular system for fixing reinforcement mesh

## Technical Features

*SPACER washers with fixing hole D 8mm*

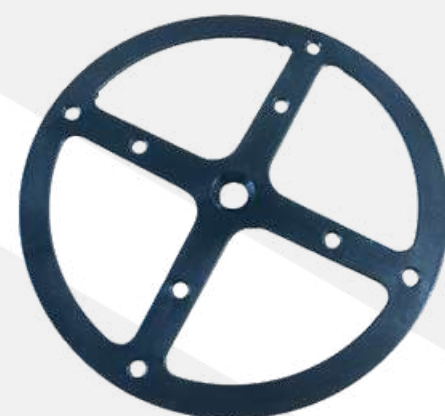
Code	External Diameter	Hole for fixing housing	Net positioning height
FDKDS160-D08-4	160 mm	8 mm	4 mm
FDKDS160-D08-5	160 mm	8 mm	5 mm
FDKDS160-D08-6	160 mm	8 mm	6 mm
FDKDS160-D08-7	160 mm	8 mm	7 mm
FDKDS160-D08-10	160 mm	8 mm	10 mm
FDKDS160-D08-12	160 mm	8 mm	12 mm
FDKDS160-D08-15	160 mm	8 mm	15 mm
FDKDS160-D08-20	160 mm	8 mm	20 mm



On request, spacer washers with a net positioning height of up to 30 mm can be supplied

*SPACER washers with fixing hole D 10mm*

Code	External Diameter	Hole for fixing housing	Net positioning height
FDKDS160-D10-4	160 mm	10 mm	4 mm
FDKDS160-D10-5	160 mm	10 mm	5 mm
FDKDS160-D10-6	160 mm	10 mm	6 mm
FDKDS160-D10-7	160 mm	10 mm	7 mm
FDKDS160-D10-10	160 mm	10 mm	10 mm
FDKDS160-D10-12	160 mm	10 mm	12 mm
FDKDS160-D10-15	160 mm	10 mm	15 mm
FDKDS160-D10-20	160 mm	10 mm	20 mm



On request, spacer washers with a net positioning height of up to 30 mm can be supplied

# FDK : NET-FIX modular system for fixing reinforcement mesh

*SPACER washers with seat for fixing mushrooms and hole D 19mm*

Code	External Diameter	Hole for fixing housing	Net positioning height
<b>FDKDS160-F19-6</b>	<b>160 mm</b>	<b>Sede per funghi - D19mm</b>	<b>6 mm</b>
<b>FDKDS160-F19-7</b>	<b>160 mm</b>	<b>Sede per funghi - D19mm</b>	<b>7 mm</b>
<b>FDKDS160-F19-10</b>	<b>160 mm</b>	<b>Sede per funghi - D19mm</b>	<b>10 mm</b>
<b>FDKDS160-F19-12</b>	<b>160 mm</b>	<b>Sede per funghi - D19mm</b>	<b>12 mm</b>
<b>FDKDS160-F19-15</b>	<b>160 mm</b>	<b>Sede per funghi - D19mm</b>	<b>15 mm</b>
<b>FDKDS160-F19-20</b>	<b>160 mm</b>	<b>Sede per funghi - D19mm</b>	<b>20 mm</b>

On request, spacer washers with a net positioning height of up to 30 mm can be supplied



*SPACER washers with passage hole D 14mm and centering for threaded rods*

Code	External Diameter	Hole for fixing housing	Net positioning height
<b>FDKDS160-RS14-4</b>	<b>160 mm</b>	<b>14 mm</b>	<b>4 mm</b>
<b>FDKDS160-RS14-5</b>	<b>160 mm</b>	<b>14 mm</b>	<b>5 mm</b>
<b>FDKDS160-RS14-6</b>	<b>160 mm</b>	<b>14 mm</b>	<b>6 mm</b>
<b>FDKDS160-RS14-7</b>	<b>160 mm</b>	<b>14 mm</b>	<b>7 mm</b>
<b>FDKDS160-RS14-10</b>	<b>160 mm</b>	<b>14 mm</b>	<b>10 mm</b>
<b>FDKDS160-RS14-12</b>	<b>160 mm</b>	<b>14 mm</b>	<b>12 mm</b>
<b>FDKDS160-RS14-15</b>	<b>160 mm</b>	<b>14 mm</b>	<b>15 mm</b>
<b>FDKDS160-RS14-20</b>	<b>160 mm</b>	<b>14 mm</b>	<b>20 mm</b>

On request, spacer washers with a net positioning height of up to 30 mm can be supplied



# FDK : NET-FIX modular system for fixing reinforcement mesh

## CLOSING washers

Code	External Diameter	Hole for fixing housing	Co-molded Stainless Steel Nut	Stainless Steel Threaded Bushing
FDKCH080-08	80 mm	8 mm	-	-
FDKCH080-10	80 mm	10 mm	-	-
FDKCH080-12	80 mm	12 mm	-	-
FDKCH080-M6	80 mm	-	M6	-
FDKCH080-B6	80 mm	-	-	VBI-FDK-M6
FDKCH080-B8	80 mm	-	-	VBI-FDK-M8
FDKCH160-08	160 mm	8 mm	-	-
FDKCH160-10	160 mm	10 mm	-	-
FDKCH160-12	160 mm	12 mm	-	-
FDKCH160-M6	160 mm	-	M6	-
FDKCH160-B6	160 mm	-	-	VBI-FDK-M6
FDKCH160-B8	160 mm	-	-	VBI-FDK-M8

FDKCH160-08



FDKCH160-10



FDKCH160-B6



FDKCH160-12



FDKCH160-M6 (con dado M6)



## Closing Belt

Code	Diameter of coupling pins	Wheelbase	Maximum mesh diameter
FDKCN82	5 mm	82 mm	3 mm



## FDK : NET-FIX modular system for fixing reinforcement mesh

### Packaging

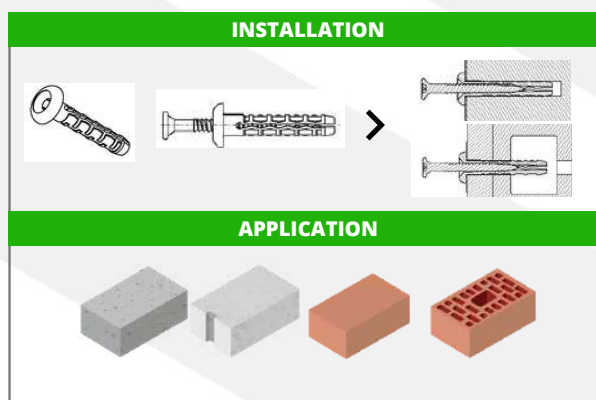
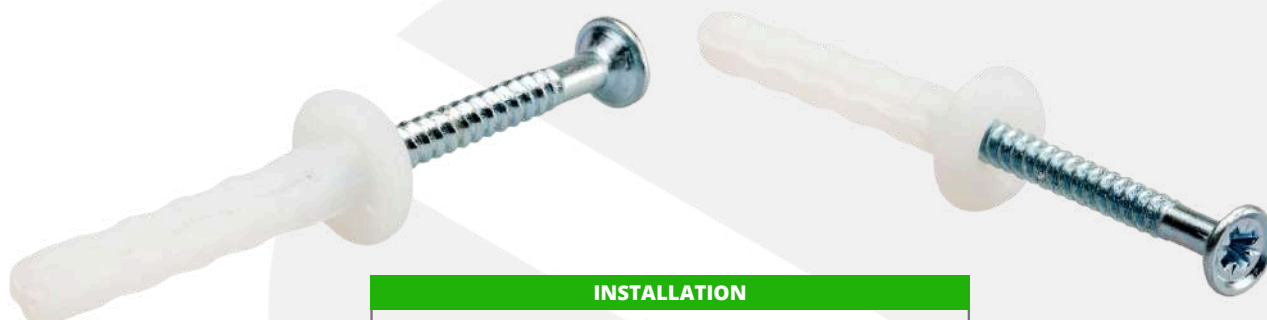
Code	Pcs. / Carton	Carton / Pallet	Pcs / Pallet
<b>SPACER WASHERS</b>			
<b>FDKDS160....</b>	<b>50</b>	<b>60</b>	<b>3000</b>
<b>CLOSING washers external diameter 80mm</b>			
<b>FDKCH080...</b>	<b>50</b>	<b>60</b>	<b>3000</b>
<b>CLOSING washers external diameter 160mm</b>			
<b>FDKCH160...</b>	<b>50</b>	<b>60</b>	<b>3000</b>
<b>Closing Belt</b>			
<b>FDKCN82</b>	<b>100</b>	<b>60</b>	<b>6000</b>

EURO pallets 80x120 , maximum height of 1.45 meters.

The dimensions of the packages may be subject to variations or be modified according to logistical optimizations or specific customer needs.

## HAMMER PLUGS AVANT MUSHROOM HEAD

The Nylon plug has high performance grip, AVANT series with a round-head and "wolf-tooth" galvanized steel nail. Particularly suited for concrete, solid brick, and hollow brick. Available colours: Neutral, Blue, Green and Red



HAMMER FIXINGS AVANT MUSHROOM HEAD				
Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FAV5X27</b>	5x27	200	36	30
<b>FAV6X30</b>	6x30	200	24	30
<b>FAV6X37</b>	6x37	200	24	30
<b>FHAV6X40</b>	6x40	200	24	30
<b>FHAV6X50</b>	6x50	100	24	30
<b>FHAV6X60</b>	6x60	100	24	30

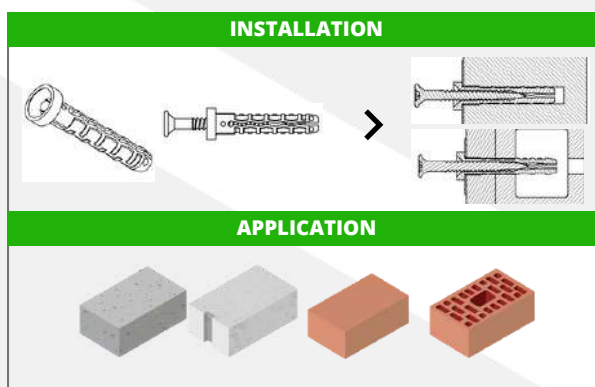
STAINLESS STEEL HEAD SCREW				
Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FAV5X27I</b>	5x27	200	36	30
<b>FAV6X30I</b>	6x30	200	24	30
<b>FAV6X37I</b>	6x37	200	24	30
<b>FHAV6X40I</b>	6x40	200	24	30
<b>FHAV6X50I</b>	6x50	100	24	30
<b>FHAV6X60I</b>	6x60	100	24	30

BULK			
Code	Plug Ø x L	PCS/BOX	BOXES /PALLET
<b>FAVI5X27</b>	5x27	10.000	36
<b>FAVI6X30</b>	6x30	6.000	36
<b>FAVI6X37</b>	6x37	5.000	36
<b>FHAVI6X40</b>	6x40	5.000	36
<b>FHAVI6X50</b>	6x50	4.000	36
<b>FHAVI6X60</b>	6x60	3.000	36

BULK			
Code	Plug Ø x L	PCS/BOX	BOXES /PALLET
<b>FAVI5X27I</b>	5x27	10.000	24
<b>FAVI6X30I</b>	6x30	6.000	24
<b>FAVI6X37</b>	6x37	5.000	24
<b>FHAVI6X40</b>	6x40	5.000	24
<b>FHAVI6X50</b>	6x50	4.000	24
<b>FHAVI6X60</b>	6x60	3.000	24

## HAMMER FIXINGS AVANT ROUND HEAD

The Nylon plug has high performance grip, AVANT series with a round head and "wolf-tooth" threaded galvanized steel nail. Particularly suited for concrete, solid brick, and hollow brick.



HAMMER FIXINGS AVANT ROUND HEAD				
Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES/ PALLET
<b>FGAV5X27</b>	5x27	200	36	30
<b>FGAV6X40</b>	6x40	200	24	30
<b>FGAV6X50</b>	6x50	100	24	30
<b>FGAV6X60</b>	6x60	100	24	30

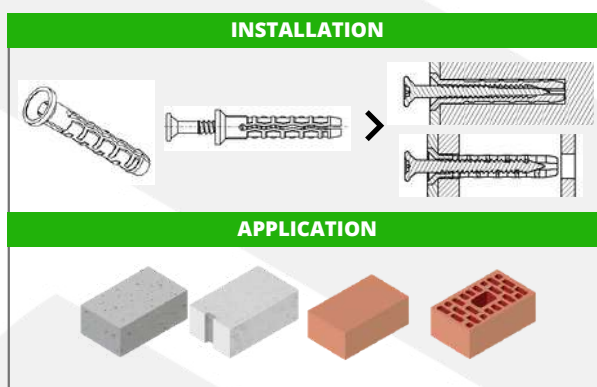
BULK			
Code	Plug Ø x L	PCS/BOX	BOXES/ PALLET
<b>FGAVI5X27</b>	5x27	10.000	36
<b>FGAVI6X40</b>	6x40	5.000	36
<b>FGAVI6X50</b>	6x50	4.000	36
<b>FGAVI6X60</b>	6x60	3.000	36

STAINLESS STEEL HEAD SCREW				
Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES/ PALLET
<b>FGAV5X27I</b>	5x27	200	36	30
<b>FGAV6X40I</b>	6x40	200	24	30
<b>FGAV6X50I</b>	6x50	100	24	30
<b>FGAV6X60I</b>	6x60	100	24	30

BULK			
Code	Plug Ø x L	PCS/BOX	BOXES/ PALLET
<b>FGAVI5X27I</b>	5x27	10.000	36
<b>FGAVI6X40I</b>	6x40	5.000	36
<b>FGAVI6X50I</b>	6x50	4.000	36
<b>FGAVI6X60I</b>	6x60	3.000	36

## HAMMER FIXINGS AVANT COUNTERSUNK HEAD

This Nylon plug is part of the high performance grip AVANT series, with a flathead, wolftooth, galvanized steel nail. Particularly suited for concrete, solid brick, and hollow brick.



HAMMER FIXINGS AVANT COUNTERSUNK HEAD				
Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES/ PALLET
<b>FIAV5X27</b>	5x27	200	36	30
<b>FIAV6X40</b>	6x40	200	24	30
<b>FIAV6X50</b>	6x50	100	24	30
<b>FIAV6X60</b>	6x60	100	24	30

BULK			
Code	Plug Ø x L	PCS/BOX	BOXES/ PALLET
<b>FIAVI5X27</b>	5x27	10.000	36
<b>FIAVI6X40</b>	6x40	6.000	36
<b>FIAVI6X50</b>	6x50	4.000	36
<b>FIAVI6X60</b>	6x60	3.000	36

STAINLESS STEEL SCREW				
Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES/ PALLET
<b>FIAV5X27I</b>	5x27	200	36	30
<b>FIAV6X40I</b>	6x40	200	24	30
<b>FIAV6X50I</b>	6x50	100	24	30
<b>FIAV6X60I</b>	6x60	100	24	30

BULK			
Code	Plug Ø x L	PCS/BOX	BOXES/ PALLET
<b>FIAVI5X27I</b>	5x27	10.000	36
<b>FIAVI6X40I</b>	6x40	6.000	36
<b>FIAVI6X50I</b>	6x50	4.000	36
<b>FIAVI6X60I</b>	6x60	3.000	36



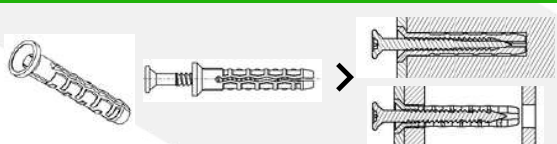
## HAMMER FIXING WITH HIGH PERFORMANCE COMPOSITE POLYMER NAIL

Brand new nylon plug with mushroom head and a hammer pre-assembled nail made from composite thermoplastic and fibre glass.

Designed for wet environments and/or salt sprays. Created to solve the problem of oxidation of fixings metal parts. Perfect to fix gutters. Available in brown for copper tinsmithing.



### INSTALLATION



### APPLICATION



### HAMMER FIXING COMPOSITE POLYMER NAIL

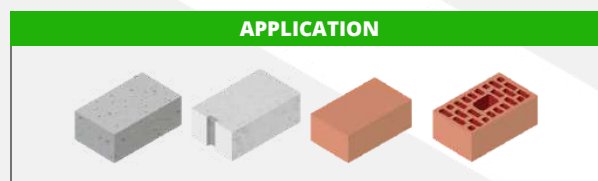
Code	Plug Ø X L	PCS./BOX	BOXES /CARTONS	BOXES /PALLET
<b>FAV5X27P</b>	5X27	200	24	30
<b>FFAV5X27P</b>	5X27	200	24	30
<b>FAV6X30P</b>	6X30	200	24	30
<b>FFAV6X30P</b>	6x30	200	24	30
<b>FAV6X37P</b>	6x37	200	24	30
<b>FFAV6X37P</b>	6X37	200	24	30

Material:	Benefits:	Applications :
<ul style="list-style-type: none"> <li>Plug body polyamide</li> <li>Nail: fiber-composite polyamide PA6</li> </ul>	<ul style="list-style-type: none"> <li>Easy and quick installation</li> <li>High sturdiness</li> <li>High oxidation and weathering resistance</li> <li>Highly recommended for salt weathers</li> </ul>	<ul style="list-style-type: none"> <li>Solid masonry</li> <li>Outdoor use, tinsmithery</li> <li>Indoor use, electric systems</li> </ul>



# HAMMER FIXINGS WITH NAIL WITH THREADED HEAD M6

Nylon fixing with threaded head and with pre-assembled nail in thermoplastic- glass fibre composite for percussion installation. Designed for mounting flanges with M6 fixing.



## HAMMER FIXINGS WITH NAIL WITH CHAMFERED HEAD M6

Code	Plug Ø X L	Pcs./BOX	BOXES /CARTONS	BOXES /PALLET
<b>FIAV6X40PM6</b>	6X39	200	36	30

## BULK - CHAMFERED HEAD

Code	Plug Ø X L	BOXES /CARTONS	BOXES /PALLET
<b>FIAVI6X40PM6</b>	6X39	6.000	36

## HAMMER FIXINGS WITH NAIL WITH MUSHROOM HEAD M6

Code	Plug Ø X L	Pcs./BOX	BOXES /CARTONS	BOXES /PALLET
<b>FFAV6X37PM6</b>	6X39	200	36	30

## BULK - MUSHROOM HEAD

Code	Plug Ø X L	BOXES /CARTONS	BOXES /PALLET
<b>FFAVI6X37PM6</b>	6X39	6.000	36

Materials:	Advantages:	Application :
<ul style="list-style-type: none"> <li>Plug body: Polyamide PA6</li> <li>Nail: fibro-composite with PA6 matrix</li> </ul>	<ul style="list-style-type: none"> <li>Maximum resistance to moisture</li> <li>Elimination of the thermal bridge compared to hammer plugs with metal screw</li> <li>Wide range of operating temperatures -40 somebody/+80 somebody</li> <li>Speed of installation</li> </ul>	<ul style="list-style-type: none"> <li>Solid and perforated masonry</li> <li>Specific for outdoor use, gutter</li> <li>Specific for indoor use, electrical hardware</li> </ul>

# HAMMER FIXINGS WITH BLACK GALVANISED SCREW AVANT

Hammer fixing with pre-assembled nail that is quickly put into action by beating it with a hammer.

The head of the nail has the cross impression that allows unscrewing after installation. Made of Nylon to allow its use at temperatures in the range of -40 C and +80 C.

Screw resistant to oxidation and aesthetically similar to the structure Zamak plug with superior mechanical characteristics.



## INSTALLATION



## APPLICATIONS



## FIXINGS MUSHROOM HEAD+BLACK GALVANIZED SCREW

Code	Plug Ø X L	PCS/BOX	BOXES /CARTONS	BOXES /PALLET
<b>FFAV5X27N</b>	5x27	200	36	30
<b>FFAV6X30N</b>	6x30	200	24	30
<b>FFAV6X37N</b>	6x37	200	24	30
<b>FFAV6X40N</b>	6x40	200	24	30
<b>FFAV6X50N</b>	6x50	100	24	30
<b>FFAV6X60N</b>	6x60	100	24	30

## BULK

Code	Plug Ø X L	BOXES /CARTONS	BOXES /PALLET
<b>FFAVI5X27N</b>	5x27	10.000	36
<b>FFAVI6X30N</b>	6x30	6.000	36
<b>FFAVI6X37N</b>	6x37	5.000	36
<b>FFAVI6X40N</b>	6x40	5.000	36
<b>FFAVI6X50N</b>	6x50	4.000	36
<b>FFAVI6X60N</b>	6x60	3.000	36

## FIXINGS MUSHROOM HEAD+COPPER CLAD STAINLESS STEEL SCREW

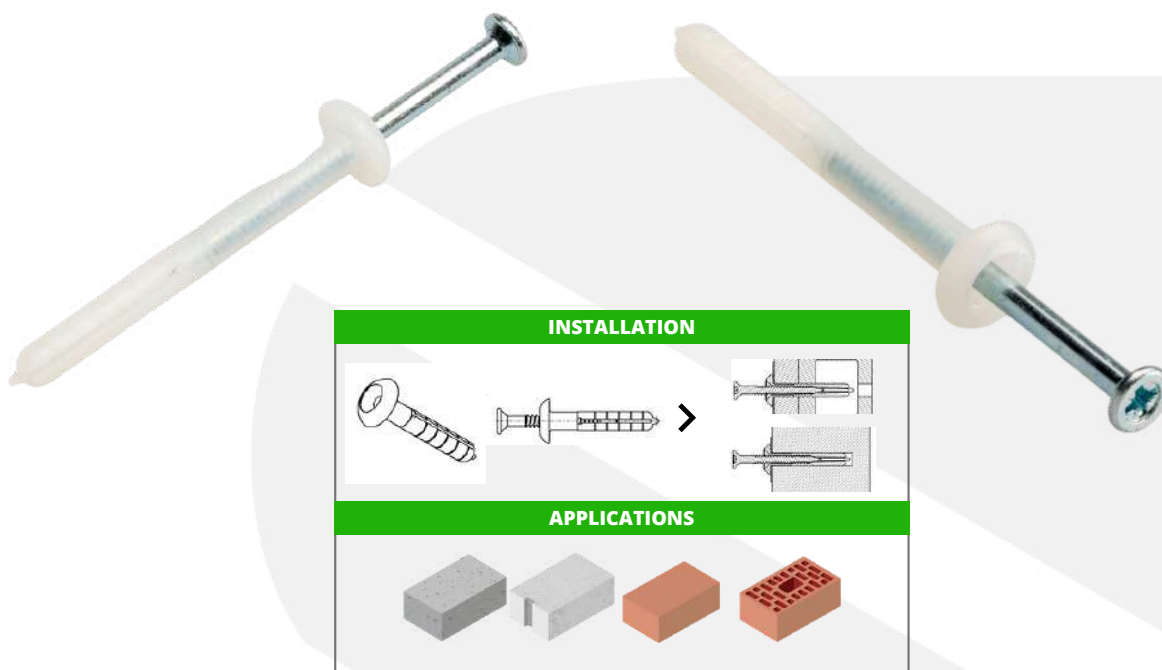
Code	Plug Ø X L	PCS/BOX	BOXES /CARTONS	BOXES /PALLET
<b>FFAV5X27RT</b>	5x27	200	36	30
<b>FFAV6X30RT</b>	6x30	200	24	30
<b>FFAV6X37RT</b>	6x37	200	24	30
<b>FFAV6X40RT</b>	6x40	200	24	30
<b>FFAV6X50RT</b>	6x50	100	24	30
<b>FFAV6X60RT</b>	6x60	100	24	30

## BULK

Code	Plug Ø X L	BOXES /CARTONS	BOXES /PALLET
<b>FFAVI5X27RT</b>	5x27	10.000	36
<b>FFAVI6X30RT</b>	6x30	6.000	36
<b>FFAVI6X37RT</b>	6x37	5.000	36
<b>FFAVI6X40RT</b>	6x40	5.000	36
<b>FFAVI6X50RT</b>	6x50	4.000	36
<b>FFAVI6X60RT</b>	6x60	3.000	36

## HAMMER FIXINGS MUSHROOM HEAD

Nylon plug with a high performance grip design, galvanized steel nail with mushroom head, buttress threaded, (FH).



### HAMMER FIXINGS MUSHROOM HEAD

Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES/ PALLET
<b>FH6X40</b>	6X40	200	36	30
<b>FH6X50</b>	6x50	100	24	30
<b>FH6X60</b>	6x60	100	24	30
<b>FH6X80</b>	6x80	100	24	30
<b>FH8X60</b>	8x60	50	24	30
<b>FH8X80</b>	8x80	50	24	30
<b>FH8X100</b>	8x100	50	24	30
<b>FH8X120</b>	8x120	50	24	30
<b>FH8X140</b>	8x140	50	24	30

### BULK

Code	Plug Ø x L	PCS/BOX	BOXES/ PALLET
<b>FHI6X40</b>	6X40	5000	36
<b>FHI6X50</b>	6x50	4000	36
<b>FHI6X60</b>	6x60	3000	36
<b>FHI6X80</b>	6x80	2000	36
<b>FHI8X60</b>	8x60	2.500	36
<b>FHI8X80</b>	8x80	1.500	36
<b>FHI8X100</b>	8x100	1.200	36
<b>FHI8X120</b>	8x120	1.000	36
<b>FHI8X140</b>	8x140	1.000	36

### HAMMER FIXINGS MUSHROOM HEAD+STAINLESS STEEL SCREW

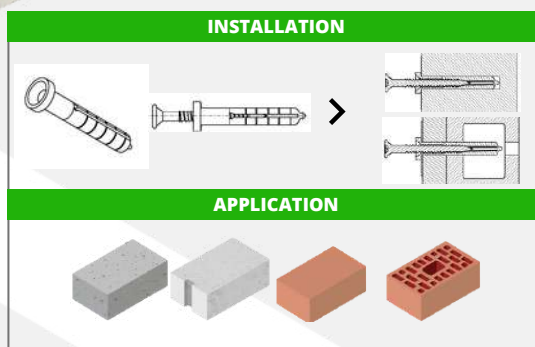
Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES/ PALLET
<b>FH6X40I</b>	6X40	200	36	30
<b>FH6X50I</b>	6x50	100	24	30
<b>FH6X60I</b>	6x60	100	24	30

### BULK

Code	Plug Ø x L	PCS/BOX	BOXES/ PALLET
<b>FHI6X40I</b>	6X40	5000	36
<b>FHI6X50I</b>	6x50	4000	36
<b>FHI6X60I</b>	6x60	3000	36

## HAMMER FIXINGS ROUND HEAD

Nylon plug with a high performance grip design, galvanized steel nail with pan head, buttress threaded (FG).



### HAMMER FIXINGS ROUND HEAD

Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FG5X27</b>	5X30	200	36	30
<b>FG6X40</b>	6x40	200	24	30
<b>FG6X50</b>	6x50	100	24	30
<b>FG6X60</b>	6x60	100	24	30
<b>FG6X70</b>	6X70	100	24	30
<b>FG6X80</b>	6X70	100	24	30
<b>FG8X45</b>	8x45	100	24	30
<b>FG8X60</b>	8x60	50	24	30
<b>FG8X80</b>	8x80	50	24	30
<b>FG8X100</b>	8x100	50	24	30
<b>FG8X120</b>	8x120	50	24	30
<b>FG8X140</b>	8x140	50	24	30

### BULK

Code	Plug Ø x L	PCS/BOX	BOXES /PALLET
<b>FGI5X27</b>	5X30	10.000	36
<b>FGI6X40</b>	6x40	5.000	36
<b>FGI6X50</b>	6x50	4.000	36
<b>FGI6X60</b>	6x60	3.000	36
<b>FGI6X70</b>	6x70	2.500	36
<b>FGI6X80</b>	6x80	2.000	36
<b>FGI8X45</b>	8x45	2.500	36
<b>FGI8X60</b>	8x60	2.500	36
<b>FGI8X80</b>	8x80	1.500	36
<b>FGI8X100</b>	8x100	1.200	36
<b>FGI8X120</b>	8x120	1.000	36
<b>FGI8X140</b>	8x140	1.000	36

### STAINLESS STEEL SCREW

Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FG5X27I</b>	5X30	200	36	30
<b>FG6X40I</b>	6x40	200	24	30
<b>FG6X50I</b>	6x50	100	24	30
<b>FG6X60I</b>	6x60	100	24	30

### BULK

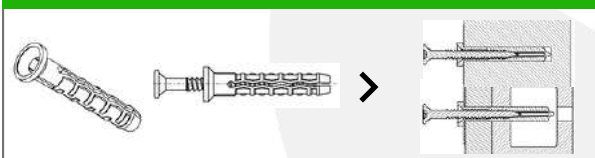
Code	Plug Ø x L	PCS/BOX	BOXES /PALLET
<b>FGI5X27I</b>	5X30	5.000	36
<b>FGI6X40I</b>	6x40	5.000	36
<b>FGI6X50I</b>	6x50	4.000	36
<b>FGI6X60I</b>	6x60	3.000	36

## HAMMER FIXINGS COUNTERSUNK HEAD

Nylon plug with a high performance grip design, galvanized steel nail with flat head, buttress threaded (FI).



### INSTALLATION



### APPLICATION



### HAMMER FIXINGS COUNTERSUNK HEAD

Code	Plug Ø X L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FI5X27</b>	5X27	200	36	30
<b>FI6X40</b>	6x40	200	24	30
<b>FI6X50</b>	6x50	100	24	30
<b>FI6X60</b>	6x60	100	24	30
<b>FI6X80</b>	6x80	100	24	30
<b>FI8X45</b>	8x45	100	24	30
<b>FI8X60</b>	8x60	50	24	30
<b>FI8X80</b>	8x80	50	24	30
<b>FI8X100</b>	8x100	50	24	30
<b>FI8X120</b>	8x120	50	24	30
<b>FI8X140</b>	8x140	50	24	30

### BULK

Code	Plug Ø X L	PCS/BOX	BOXES /PALLET
<b>FII5X27</b>	5X27	10.000	36
<b>FII6X40</b>	6x40	5.000	36
<b>FII6X50</b>	6x50	4.000	36
<b>FII6X60</b>	6x60	3.000	36
<b>FII6X80</b>	6X80	2.500	36
<b>FII8X45</b>	8x45	2.300	36
<b>FII8X60</b>	8x60	2.500	36
<b>FGI8X80</b>	8x80	1.500	36
<b>FII8X100</b>	8x100	1.200	36
<b>FII8X120</b>	8x120	1.000	36
<b>FII8X140</b>	8x140	1.000	36

### STAINLESS STEEL SCREW

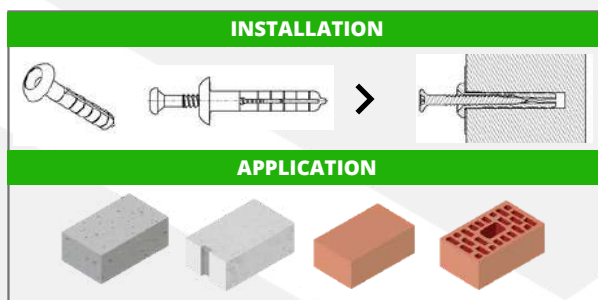
Code	Plug Ø X L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FI5X27I</b>	5X27	200	36	30
<b>FI6X40I</b>	6x40	200	24	30
<b>FI6X50I</b>	6x50	100	24	30
<b>FI6X60I</b>	6x60	100	24	30

### BULK

Code	Plug Ø X L	PCS/BOX	BOXES /PALLET
<b>FII5X27I</b>	5X27	5.000	36
<b>FII6X40I</b>	6x40	5.000	36
<b>FII6X50I</b>	6x50	4.000	36
<b>FII6X60I</b>	6x60	3.000	36

## HAMMER FIXINGS WITH BLACK GALVANISED SCREW

The FF series bar plugs are very fast to install and are particularly suitable for installation in gutters, slabs and various structures that must withstand exposure outdoor environments. The materials used for PA6 Nylon plastics, copper metal screws, stainless steel, stainless steel with subsequent copper plating and steel with black galvanization, guarantee tightness and durability.



### HAMMER FIXINGS MUSHROOM HEAD+BLACK GALVANIZED SCREW

Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FF6X40N</b>	6x40	200	24	30
<b>FF6X50N</b>	6x50	100	24	30
<b>FF6X60N</b>	6x60	100	24	30

### BULK

Code	Plug Ø x L	PCS/BOX	BOXES /PALLET
<b>FFI6X40N</b>	6x40	5.000	36
<b>FFI6X50N</b>	6x50	4.000	36
<b>FFI6X60N</b>	6x60	3.000	36

### HAMMER FIXINGS MUSHROOM HEAD +COPPER CLA STAINLESS STEEL SCREW

Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FF6X40RT</b>	6x40	200	24	30
<b>FF6X50RT</b>	6x50	100	24	30
<b>FF6X60RT</b>	6x60	100	24	30

### BULK

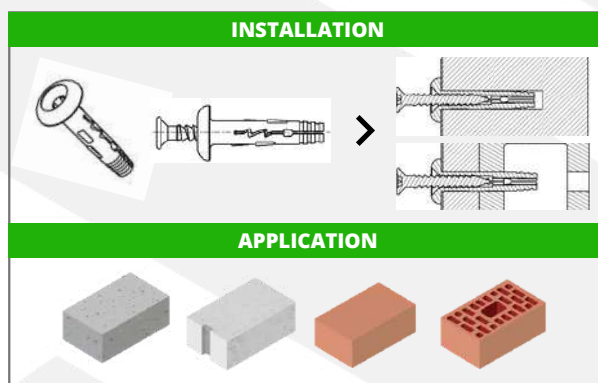
Code	Plug Ø x L	PCS/BOX	BOXES /PALLET
<b>FFI6X40RT</b>	6x40	5.000	36
<b>FFI6X50RT</b>	6x50	4.000	36
<b>FFI6X60RT</b>	6x60	3.000	36



## HAMMER FIXINGS FLASH SERIES

The "Flash" series hammer plugs are innovative thanks to their shape, which guarantees maximum grip on any type of material.

The plug consists of a roundhead galvanized steel screw with buttress thread and a grey Nylon body.



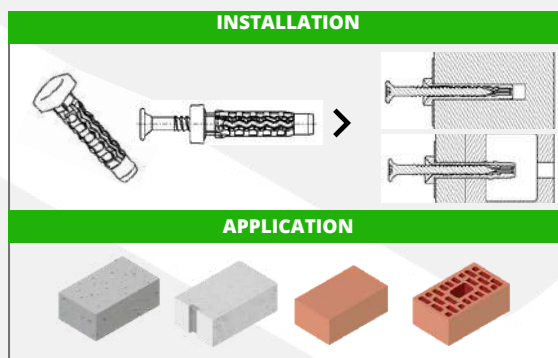
HAMMER FIXINGS FLASH				
Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FFL5X27</b>	5x27	200	36	30
<b>FFL6X32</b>	6x32	200	24	30

BULK			
Code	Plug Ø x L	PCS/BOX	BOXES /PALLET
<b>FFLI5X27</b>	5x27	10.000	24
<b>FFLI6X32</b>	6x32	6.000	24

Material:	Benefits:	Applications :
<ul style="list-style-type: none"> <li>Nylon PA6 conditioned</li> <li>Screw: DIN 1.1133 steel</li> <li>cross garlic, imprint PZ2</li> <li>Fillet with wolf tooth</li> </ul>	<ul style="list-style-type: none"> <li>Hammer plug with pre-assembled nail that is quickly put into action</li> <li>More performing compared to classic dowels</li> <li>Nail with updated geometry to have maximum resistance to the stroke. The head with</li> <li>Cross footprint and wolf tooth thread allow unscrewing after installation</li> <li>Made of Nylon and Galvanized Steel to allow use at temperatures in the range -40 C +80 C</li> </ul>	<ul style="list-style-type: none"> <li>Suitable for Concrete, Stone, Solid Bricks and Plastered Perforated Bricks</li> <li>Allow to fix metal frames for plasterboard sheets, wooden and metal substructures,</li> <li>light panels and plates</li> </ul>

## HAMMER FIXINGS AVANT SPECIAL REINFORCED HEAD

The hammer plug FAS Avant is a high performing type of fixing and is suitable for all types of walls. Thanks to the materials used and to its design, this plug can be employed in those applications where standard hammer plugs do not offer sufficient guarantees or fail.



### HAMMER FIXINGS AVANT SPECIAL REINFORCED HEAD

Code	Plug Ø X L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FAS6X30</b>	6x30	200	24	30

### BULK

Code	Plug Ø X L	PCS/BOX	BOXES /PALLET
<b>FASI6X30</b>	6x30	6.000	42

Material:	Benefits:	Applications :
<ul style="list-style-type: none"> <li>Plug body: Nylon PA6 colour Ral 7035</li> <li>Nail: steel C1006-1008; cross cut head, PZ imprint white galvanization thickness 3-5 m.</li> </ul>	<ul style="list-style-type: none"> <li>Nylon plug with innovative design</li> <li>Maximum expansion underneath the head</li> <li>Extremely robust collar</li> <li>Square collar for space optimization</li> <li>Galvanized nail with excellent resistance to rust</li> </ul>	<ul style="list-style-type: none"> <li>Concrete walls</li> <li>Solid and perforated bricks</li> <li>Metal profiles fixing</li> </ul>

## LIGHT WEIGHT FIXINGS WITH NO COLLAR

The Nylon (FA) and high density polyethylene (FAP) plugs without collar are equipped with effective anti-rotation wings that lock the plug to the hole during installation.

They can be supplied, in the FAW and FAPW series, with countersunk and cross-cut galvanized screw.



### NYLON LIGHT WEIGHT FIXINGS WITH NO COLLAR

Code	PLUG Ø XL	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FA05</b>	5x25	300	72	30
<b>FA06</b>	6x30	200	72	30
<b>FA08</b>	8x40	100	36	30
<b>FA10</b>	10x50	100	36	30
<b>FA12</b>	12x60	50	36	30

### BULK

Code	PLUG Ø XL	PCS/BOX	BOXES /PALLET
<b>FAI05</b>	5x25	30.000	30
<b>FAI06</b>	6x30	25.000	30
<b>FAI08</b>	8x40	12.500	30
<b>FAI10</b>	10x50	7.000	30
<b>FAI12</b>	12x60	4.000	30

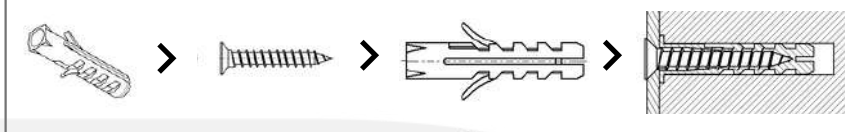
### PEHD LIGHT WEIGHT FIXINGS WITH NO COLLAR

Code	PLUG Ø XL	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FAP05</b>	5x25	300	72	30
<b>FAP06</b>	6x30	200	72	30
<b>FAP08</b>	8x40	100	36	30
<b>FAP10</b>	10x50	100	36	30
<b>FAP12</b>	12x60	50	36	30

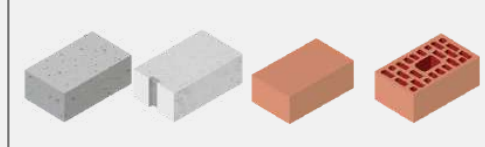
### BULK

Code	PLUG Ø XL	PCS/BOX	BOXES /PALLET
<b>FAPI05</b>	5x25	30.000	30
<b>FAPI06</b>	6x30	25.000	30
<b>FAPI08</b>	8x40	12.500	30
<b>FAPI10</b>	10x50	7.000	30
<b>FAPI12</b>	12x60	4.000	30

## INSTALLATION



## APPLICATION



### NYLON LIGHT WEIGHT FIXINGS WITH NO COLLAR + SCREW

Code	PLUG Ø XL	Screw Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FAW05</b>	5x25	3,5x30	200	72	30
<b>FAW06</b>	6x30	4,5x40	100	72	30
<b>FAW08</b>	8x40	5x50	50	36	30
<b>FAW10</b>	10x50	6x60	25	36	30

### PEHD LIGHT WEIGHT FIXINGS WITH COLLAR + SCREW

Code	PLUG Ø XL	Screw Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FAPW05</b>	5x25	3,5x30	200	72	30
<b>FAPW06</b>	6x30	4,5x40	100	72	30
<b>FAPW08</b>	8x40	5x50	50	36	30
<b>FAPW10</b>	10x50	6x60	25	36	30

Material:	Benefits:	Applications :
PA6 or PEHD	<ul style="list-style-type: none"> <li>• Plug with universal expansion</li> <li>• Expansion in two directions</li> <li>• Nylon of excellent quality</li> <li>• PEHD with excellent quality/ price ratio</li> <li>• Galvanized screw with high resistance to rust</li> </ul>	<ul style="list-style-type: none"> <li>• Concrete</li> <li>• Solid bricks</li> <li>• Stone</li> <li>• Able to fix medium-low loads such as: chandeliers, bathroom fixtures, pictures, electrical panels</li> </ul>

## LIGHT WEIGHT FIXINGS WITH COLLAR

The Nylon (FC) and high density polyethylene (FCP) plugs with collar are equipped with effective anti-rotation wings that lock the plug to the hole during installation.

They can be supplied, in the FCW and FCPW series, with countersunk and cross-cut galvanized screw.



### NYLON LIGHT WEIGHT FIXING WITH COLLAR

Code	PLUG Ø XL	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FC05</b>	5x25	300	72	30
<b>FC06</b>	6x30	200	72	30
<b>FC08</b>	8x40	100	36	30
<b>FC10</b>	10x50	100	36	30
<b>FC12</b>	12x60	50	36	30

### BULK

Code	PLUG Ø XL	PCS/BOX	BOXES /PALLET
<b>FCI05</b>	5x25	30.000	30
<b>FCI06</b>	6x30	25.000	30
<b>FCI08</b>	8x40	12.500	30
<b>FCI10</b>	10x50	7.000	30
<b>FCI12</b>	12x60	4.000	30

### PEHD LIGHT WEIGHT FIXINGS WITH COLLAR

Code	PLUG Ø XL	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FCP05</b>	5x25	300	72	30
<b>FCP06</b>	6x30	200	72	30
<b>FCP08</b>	8x40	100	36	30
<b>FCP10</b>	10x50	100	36	30
<b>FCP12</b>	12x60	50	36	30

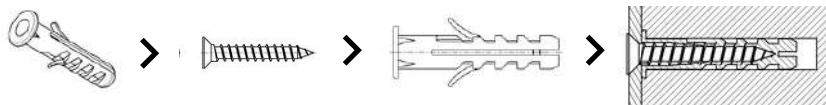
### BULK

Code	PLUG Ø XL	PCS/BOX	BOXES /PALLET
<b>FCPI05</b>	5x25	30.000	30
<b>FCPI06</b>	6x30	25.000	30
<b>FCPI08</b>	8x40	12.500	30
<b>FCPI10</b>	10x50	7.000	30
<b>FCPI12</b>	12x60	4.000	30

## APPLICATION



## INSTALLATION



### NYLON LIGHT WEIGHT FIXINGS WITH COLLAR + SCREW

Code	PLUG Ø XL	Screw Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FCW05</b>	5x25	3,5x30	200	72	30
<b>FCW06</b>	6x30	4,5x40	100	72	30
<b>FCW08</b>	8x40	5x50	50	36	30
<b>FCW10</b>	10x50	6x60	25	36	30

### PEHD LIGHT WEIGHT FIXINGS WITH COLLAR + SCREW

Code	PLUG Ø XL	Screw Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FCPW05</b>	5x25	3,5x30	200	72	30
<b>FCPW06</b>	6x30	4,5x40	100	72	30
<b>FCPW08</b>	8x40	5x50	50	36	30
<b>FCPW10</b>	10x50	6x60	25	36	30

Material:	Benefits:	Applications :
PA6 or PEHD	<ul style="list-style-type: none"> <li>• Economic solution</li> <li>• • The expansion on two directions allows the plug, with expansions parallel to the edge line, to fix loads even near edges.</li> <li>• • Effective anti-rotation wings</li> <li>• • Wide range of temperatures (between -40°C and +80°C)</li> <li>• • Fast and easy installation</li> </ul>	<ul style="list-style-type: none"> <li>• Concrete</li> <li>• Solid bricks</li> <li>• Stone</li> <li>• Able to fix medium-low loads such as: chandeliers, bathroom fixtures, pictures, electrical panels</li> </ul>



## SPECIAL FIXINGS FOR HOLLOW WALLS

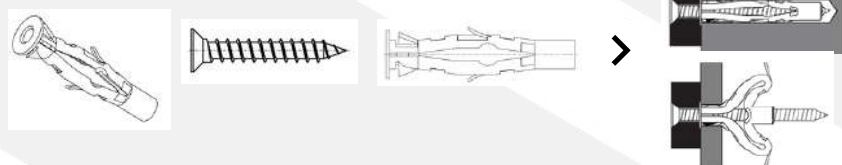
The FJ plug is a special plug in nylon PA6 which can be used on full and on empty supports. It can be supplied with a galvanized countersunk head screw and cross cut (FJW).



### APPLICATION



### INSTALLATION



### SPECIAL FIXINGS FOR HOLLOW WALLS

Code	Plug Ø x L	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FJ06</b>	6x40	200	36	30
<b>FJ08</b>	8x50	200	36	30
<b>FJ10</b>	10x60	50	24	30

### BULK

Code	Plug Ø x L	PCS/BOX	BOXES /PALLET
<b>FJI06</b>	6x40	12.000	30
<b>FJI08</b>	8x50	6.500	30
<b>FJI10</b>	10x60	3.500	30




## SPECIAL FIXINGS FOR HOLLOW WALLS + SCREW

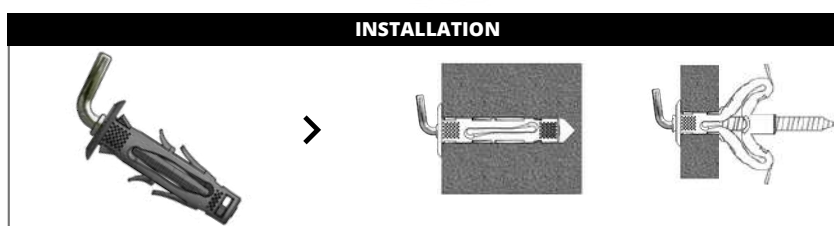
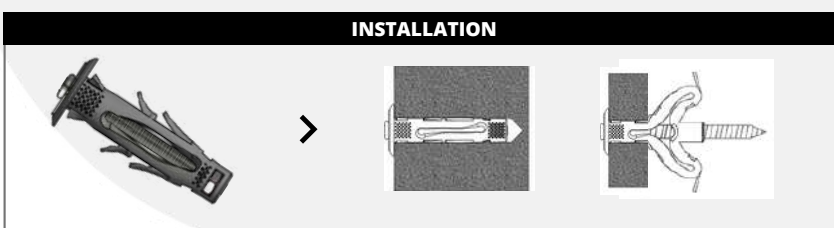
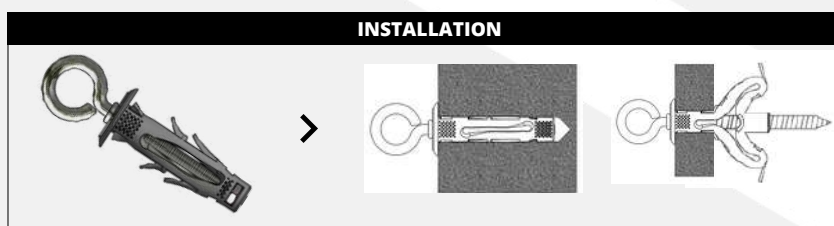
Code	Plug Ø x L	Screw Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FJW06</b>	6x40	4x50	200	36	30
<b>FJW08</b>	8x50	4,5x60	100	36	30
<b>FJW10</b>	10x60	6x80	50	24	30

Material:	Benefits:	Applications :
<ul style="list-style-type: none"> <li>PA6 - Polyamide PA6</li> </ul>	<ul style="list-style-type: none"> <li>The expansion of the plug and the subsequent knotting ensure sufficient tightness on solid walls,</li> <li>such as solid bricks and concrete, and excellent sealing on empty walls and slabs such as perforated bricks and</li> <li>plasterboard.</li> <li>Effective anti-rotation wings lock the plug to the hole during installation.</li> <li>Made of Nylon with elastomer allows the use at temperatures in the range -40 C to +80 C. C</li> <li>The collar prevents the plug from penetrating the hole</li> <li>Galvanized screw has excellent resistance to rust formation</li> </ul>	<ul style="list-style-type: none"> <li>Concrete</li> <li>Solid bricks</li> <li>Stone</li> <li>Able to fix medium-low loads such as: chandeliers, bathroom fixtures, pictures, electrical panels</li> </ul>

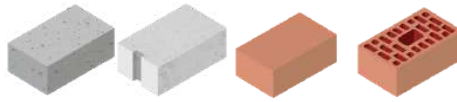
## NYLON SPECIAL FIXINGS FOR HOLLOW WALLS

The special plug FSH is a universal plug to be used in multiple applications. It is supplied in a complete kit of metal accessories which are closed eyehook, short hook, or the screw.

FSH12X60OC	FSH12X60GC	FSH12X60VT
		
<b>PLUG 12X60 GREY 7035 CLOSED LOOP 5 MAX 60</b>	<b>PLUG 12X60 GREY 7035 SHORT HOOK 5 MAX 60</b>	<b>PLUG 12X60 GREY 7035 SCREW 5 MAX 60</b>
Composed of: plug 12 x 59 in PA6 color RAL 7035 Stainless steel eyelet SOMEBODY 13 5MA x 60 galvanized screw Galvanized 5x20x1.5 wide band flat washer Galvanized hexagonal nut M5	Composed of: plug 12 x 59 in PA6 color RAL 7035 Short hook steel screw 5MA x 60 galvanized Galvanized 5x20x1.5 wide band flat washer Galvanized hexagonal nut M5	Composed of: plug 12 x 59 in PA6 color RAL 7035 5MA x 60 galvanized steel screw Galvanized 5x20x1.5 wide band flat washer Galvanized hexagonal nut M5



## APPLICATION



### NYLON SPECIAL FIXINGS FOR HOLLOW WALLS WITH CLOSET EYELET

Code	Plug Ø x L	Screw Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FSH12X60OC</b>	12X59	M5x60	10	36	30

### NYLON SPECIAL FIXINGS FOR HOLLOW WALLS WITH CLOSET LOOP

Code	Plug Ø x L	Screw Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FSH12X60GC</b>	12X59	M5x60	10	36	30

### NYLON SPECIAL FIXINGS FOR HOLLOW WALLS - SCREW

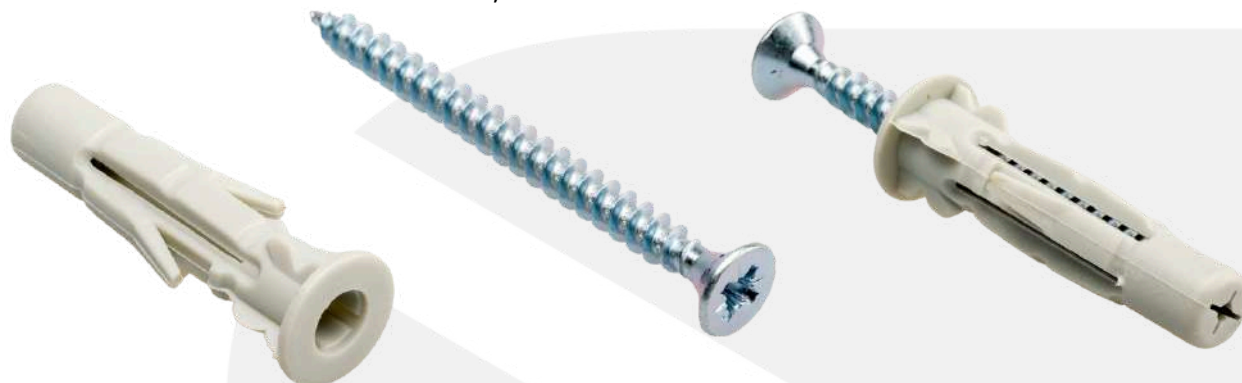
Code	Plug Ø x L	Screw Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FSH12X60VT</b>	12X59	M5x60	10	36	30

APPLICAZIONE

Material:	Benefits :	Applications :
<ul style="list-style-type: none"> <li>PA6 - Polyamide PA6</li> </ul>	<ul style="list-style-type: none"> <li>The two wings and the retainer under his head allow optimal anti-rotation effects during the installation.</li> <li>His seal adjusts to the thickness of the wall.</li> <li>Wide range of temperatures (between -40°C and +80°C).</li> <li>The head of the plug is in contact with the support's surface, that allows to improve the sealing and resistance to rotation.</li> </ul>	<ul style="list-style-type: none"> <li>Concrete.</li> <li>Solid bricks.</li> <li>Hollow walls.</li> <li>Stone.</li> <li>Optimal for the use on single or double plasterboard walls.</li> <li>Able to fix heavy loads such as: wall furniture, shelves, bathroom accessories, glasses, sticks and supports for curtains and awnings, hanging elements</li> </ul>

## NYLON SPECIAL FIXINGS FOR HOLLOW WALLS

The FS plug is a special plug to be used for multiple applications. It is made of nylon PA6 of excellent quality to guarantee the durability. It can be provided with a galvanized, countersunk and cross-cut head screw, which is encoded as FSW.



### APPLICATION



### INSTALLATION



### NYLON SPECIAL FIXINGS FOR HOLLOW WALLS

Code	Plug Ø x L	Screw Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FS06</b>	6x35	4	200	36	30
<b>FS08</b>	8x40	4,5	100	36	30
<b>FS10</b>	10x50	6	50	24	30

### BULK

Code	Plug Ø x L	Screw Ø mm	PCS/BOX	BOXES /PALLET
<b>FSI06</b>	6x35	4	20.000	30
<b>FSI08</b>	8x40	4,5	10.000	30
<b>FSI10</b>	10x50	6	5.000	30

### NYLON SPECIAL FIXINGS FOR HOLLOW WALLS + SCREW

Code	Plug Ø x L	Screw Ø mm	PCS/BOX	BOXES/ CARTON	BOXES /PALLET
<b>FSW06</b>	6x35	4x50	100	36	30
<b>FSW08</b>	8x40	4,5x60	50	36	30
<b>FSW10</b>	10x50	6x70	50	24	30

Material:	Benefits :	Application:
<ul style="list-style-type: none"> <li>PA6 - Polyamide PA6</li> </ul>	<ul style="list-style-type: none"> <li>The anti-rotation wings the wings make the fixing stable during installation.</li> <li>The collar at the bottom of the plug does not allow the plug to penetrate the hole completely.</li> <li>Wide range of temperatures (between -40°C and +80°C).</li> </ul>	<ul style="list-style-type: none"> <li>Hollow walls</li> <li>Concrete.</li> <li>Able to fix medium-low loads such as: chandeliers, bathroom fixtures, pictures, electrical panels</li> </ul>

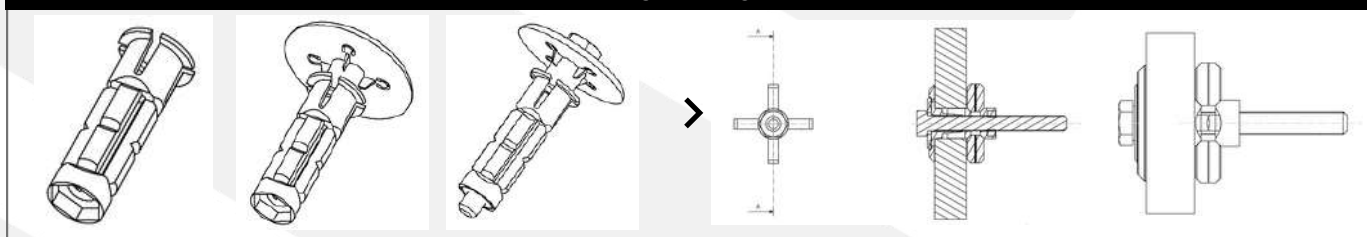
## NYLON SPECIAL FIXINGS FOR HOLLOW WALLS

The special plug FXM is studied and projected to suit on fibre cement panels, plasterboard and hollow walls, since it is able to make anchorages on both the external and internal surface of the wall or panel and even on the hole surface. This is possible because the washer/flange pushes through the main body, ensuring excellent fastening without damaging the support. It is supplied in a complete kit with metal accessories, assembled or not.



VIDEO

### INSTALLATION



### NYLON SPECIAL FIXINGS FOR HOLLOW WALLS

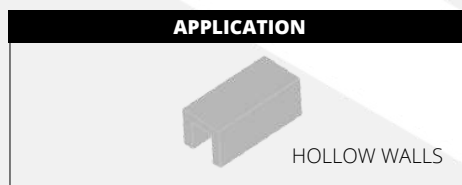
Code	Plug Ø x L	Screw Ø mm	Head Ø mm	Hole Ø mm	PCS/BOX	BOXES/ CARTON	BOXES/ PALLET
FXMA6X40	12x39	M6	35	12	10	36	30

Material:	Benefits :	Application:
<ul style="list-style-type: none"> <li>PA6 - Polyamide PA6.</li> </ul>	<ul style="list-style-type: none"> <li>The two wings and the retainer under his head allow optimal anti-rotation effects during the installation</li> <li>Its seal adjusts to the thickness of the wall</li> <li>Wide range of temperatures (between -40°C and +80°C)</li> <li>The head of the plug is in contact with the support's surface, that allows to improve the sealing and resistance to rotation</li> </ul>	<ul style="list-style-type: none"> <li>Fibre cement panels</li> <li>Plasterboard panels</li> <li>Hollow walls</li> <li>Chipboard panels</li> <li>Able to fix heavy loads such as: outdoor units, furniture components, external units, supports, profiles, supports for false ceilings</li> </ul>

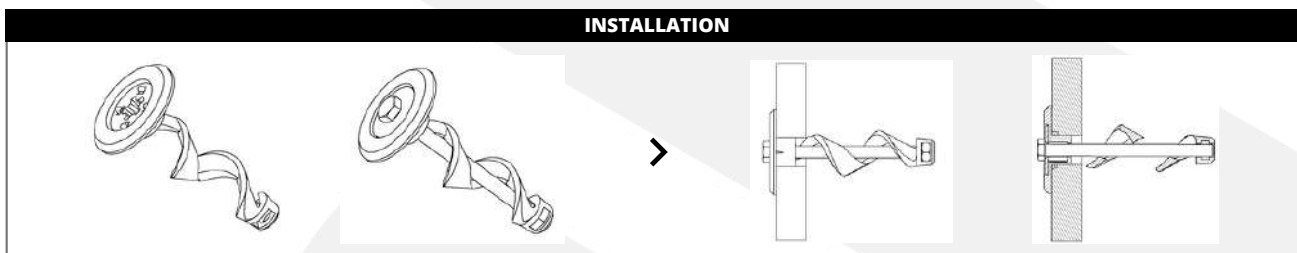


## NYLON SPECIAL FIXINGS FOR HOLLOW WALLS

The FBOA plug is a spiral plug made of nylon PA6 for any type of support. It is particularly suitable for fibre cement panels, plasterboard and hollow walls. It is supplied in a complete kit with metal accessories.



### INSTALLATION



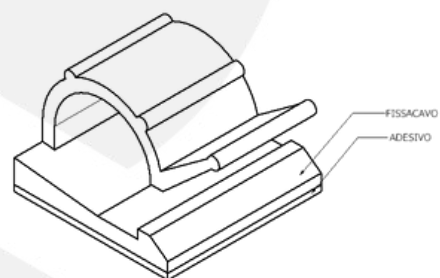
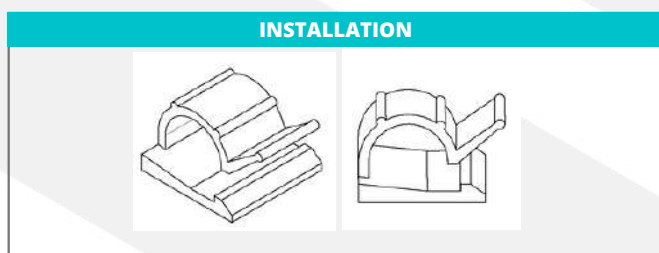
### NYLON SPECIAL FIXINGS FOR HOLLOW WALLS

Code	Plug Ø x L	Screw Ø mm	Head Ø mm	Hole Ø mm	PCS/BOX	BOXES/ CARTON	BOXES/ PALLET
FBOA5X40	12x70	M5	38	12	10	36	30

Material:	Benefits :	Application:
<ul style="list-style-type: none"> <li>PA6 - Polyamide PA6</li> </ul>	<ul style="list-style-type: none"> <li>The head of the plug has a good contact surface with the support surface, which allows to improve the tightness and resistance to rotation</li> <li>Wide range of temperatures (between - 40°C and +80°C)</li> <li>Designed to be used even with a minimum depth of vacuum of 27 mm (conventional minimum depth of "warping" on the walls in fibre cement)</li> </ul>	<ul style="list-style-type: none"> <li>Fibre cement panels</li> <li>Plasterboard</li> <li>Hollow walls</li> <li>Non-compact materials. It allows to fix medium loads such as: furniture components, external units, supports, profiles</li> </ul>

## NYLON CABLE CLAMPS

Self-adhesive cable fixation for fixing cables on shiny surfaces.



NYLON CABLE CLAMPS		
Code	PCS/BOX	BOXES /PALLET
<b>F8</b>	50	30
<b>F8G</b>	50	30

BULK		
Code	PCS/BOX	BOXES /PALLET
<b>F8I</b>	5.000	30
<b>F8GI</b>	4.000	30

**Material:** PA6

**Adhesive:** Double-sided acrylic foam  
0.8mm thickness



## BARTOLUCCI BOX

- Bartolucci box
- Bartolucci label




## CUSTOMIZED BOX

- Customized box
- Private label

CONTACT SALES DEPT. FOR MINIMUM ORDER QUANTITY ( MOQ )




## PACKAGING CASE

- Bartolucci Case card
- Customized Case card
-  Fixing Colour on request

CONTACT SALES DEPT. FOR MINIMUM ORDER QUANTITY ( MOQ )




## PACKAGING EXPOSITOR

- Bartolucci Expositor
- Customized Expositor
-  Fixing Colour on request

CONTACT SALES DEPT. FOR MINIMUM ORDER QUANTITY ( MOQ )




## BUCKET PACKAGING 0.3 L

- Bartolucci Brand Bucket
- Customized Bucket
-  Fixing Colour on request

CONTACT SALES DEPT. FOR MINIMUM ORDER QUANTITY ( MOQ )




## TUB PACKAGING 1,6 L code (A)

- Bartolucci Brand Bucket
- Customized Bucket
-  Fixing Colour on request

CONTACT SALES DEPT. FOR MINIMUM ORDER QUANTITY ( MOQ )




## BUCKET PACKAGING 2 L code (C)

- Bartolucci Brand Bucket
- Customized Bucket
-  Fixing Colour on request

CONTACT SALES DEPT. FOR MINIMUM ORDER QUANTITY ( MOQ )




## SQUARE BUCKET PACKAGING 5,5 L code (D)

- Bartolucci Brand Bucket
- Customized Square Bucket
-  Fixing Colour on request

CONTACT SALES DEPT. FOR MINIMUM ORDER QUANTITY ( MOQ )



## BUCKET PACKAGING 8 L code (G)

- Bartolucci Brand Bucket
- Customized Square Bucket
-  Fixing Colour on request

CONTACT SALES DEPT. FOR MINIMUM ORDER QUANTITY ( MOQ )



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