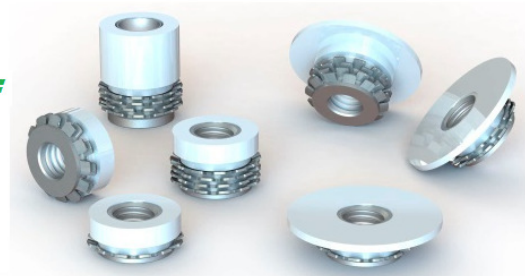




STONE-FIX THREADED INSERTS:

is a revolutionary press-in insert with mechanical anchoring to create threaded seat on panels, even thin, made of marble, granite or other stone materials, and moreover on composite, carbon, Corian®, HPL, glass and others compact materials.

is manufactured in stainless steel and it's made of a threaded bush with a set of elastic crowns and a plastic ring for holding the complete set of parts.



APPLICATIONS

Ventilated facades, wall-coverings, décor and interiors, furniture, kitchen and sanitary elements, funerary art, etc.

ADVANTAGES

1

Cylindrical hole easy to be drilled, also executable work in progress with standard tools.



2

Quick assembly by pressure.



3

No needs for resins or adhesives.



4

Allows an internal assembly without any external dimensions, facilitating the handling and storage of the panels.



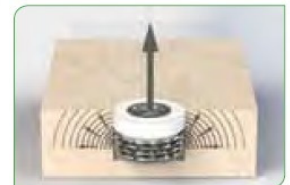
5

No tensile force on the receiving material when the insert is not pulled-out.



6

On use, the elastic crowns are solicited by an axial force, acting radially against the hole walls due to the bending and pressure, avoiding the leakage of the system.



7

The "not through" threading of the internal bush, assures fastening without the extraction effect due to the possible exceeding length of the screw.





STONE -FIX THREADED INSERTS

APPLICATION:



1 Prepare the hole in the receiving material.



2 Check the correct hole dimension with a go/no go gauge.



3 Install the insert by pressure.



4 The insert is ready for the assembling.



5 The insert is structurally fastened and assembled.



For a proper assembly it is recommended to screw the pin on the total length of the useful thread and that the element to be fixed is in contact with the internal metal bush of the insert Keep-Nut.



STONE-FIX THREADED INSERTS

APPLICATION

Marble, granite and stone materials, as well as on composites, carbon, Corian®, HPL, glass and other compact materials.

ASSEMBLY

By pressure.



SERIES IM (without flange)

CODE	Min. thicknesses	Thread	Thread length	Hole diameter	Hole depth	Crowns number	Average assembly press-in force*	Average pull-out strenght *
	(S)**	(d1)	(h1)	(d2) +0,2/-0,2	(l2) +1,0/-0,0		(kN)	(kN)
IM1S/M 5/H5	8	M 5	4,5	12	5,5	1	0,2	0,9
IM1S/M 6/H5	8	M 6	4,5	12	5,5	1	0,2	0,9
IM2S/M 5/H6	8,5	M 5	5,5	12	6,5	2	0,4	2,5
IM2S/M 6/H6	8,5	M 6	5,5	12	6,5	2	0,4	2,5
IM4S/M 5/H8.5	11	M 5	7,5	12	9	4	1	3,5
IM4S/M 6/H8.5	11	M 6	7,5	12	9	4	1	3,5
IM4S/M 6/H15	17,5	M 6	14	12	15,5	4	1	4,2

SERIES IM (with flange)

CODE	Min. thicknesses	Thread	Thread length	Hole diameter	Hole depth	Crowns number	Average assembly press-in force*	Average pull-out strenght *
	(S)**	(d1)	(h1)	(d2) +0,2/-0,2	(l2) +1,0/-0,0		(kN)	(kN)
IM1T/M 5/H5	7	M 5	4,5	12	4,5	1	0,2	0,5
IM1T/M 6/H5	7	M 6	4,5	12	4,5	1	0,2	0,5
IM2T/M 5/H6	7,5	M 5	5,5	12	5,5	2	0,4	1,7
IM2T/M 6/H6	7,5	M 6	5,5	12	5,5	2	0,4	1,7
IM4T/M 5/H8.5	10	M 5	7,5	12	8	4	1	2,9
IM4T/M 6/H8.5	10	M 6	7,5	12	8	4	1	2,9

* Values reported above are indicative and not binding as results from laboratory tests that might not be repeatable in different conditions.

** "S" value is variable and related to the characteristics of the receiving material. It is recommended to perform assembly test to define the correct value.

MATERIAL

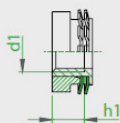
Bush: stainless steel Natural
Crowns: stainless steel Natural
Body: plastic



1 crown type



2 crown type



4 crown type

