z/pecialin/ert

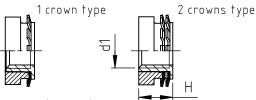
PRESS IN SELF-ANCHORING THREADED INSERTS

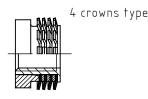
KEEP -NUT® Series IM

marble, granite and stone materials, as well as on composites, carbon, Application:

Corian[®], HPL, glass and other compact materials.

by pressure. Assembly:

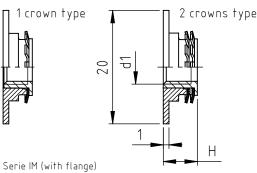


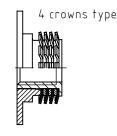


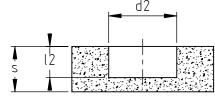
d2

Series IM (flat head)

code ²⁾	thread ³⁾ d1	min. thicknesses S	insert length H	hole diameter d2 +0,2/-0,2	hole depth l2 +1,0/-0,0	number of crowns	average assembly press-in force kN	average pull-out strength kN
IM1S//H5	M4 M5 M6	8	5	12	5,5	1	0,2	0,9
IM2S//H6	M4 M5 M6	8,5	6	12	6,5	2	0,4	2,5
IM4S//H8.5	M4 M5 M6	11	8	12	8,5	4	1	3,5
IM4S//H15	M6	17,5	14,5	12	15,5	4	1	4,2







code ²⁾	thread ³⁾ d1	min. thicknesses S	insert length H	hole diameter d2 +0,2/-0,2	hole depth 12 +1,0/-0,0	number of crowns	average assembly press-in force kN	average pull-out strength kN
IM1T//H5	M4 M5 M6	7	5	12	4,5	1	0,2	0,5
IM2T//H6	M4 M5 M6	7,5	6	12	5,5	2	0,4	1,7
IM4T//H8.5	M4 M5 M6	10	8	12	8	4	1	2,9

Non binding dimensions, expressed in mm.

- Values reported above are indicative and not binding as results from laboratory tests that might not be repeatable in different conditions.
 - It is recommended to perform assembly test to define the correct value.
- 2) Reference to be completed by thread d1.

3) "No go" thread to avoid the bush extraction effect or breakage of panel caused by inappropriate screw length.

4) The proper use of the product is achieved by using our TKN gauge tool.

Standard On demand

Material: bush: stainless steel Finishing: natural stainless steel CCOWNS:

body: white color plastic



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IM10

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y pecialinert

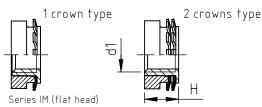
PRESS IN SELF-ANCHORING THREADED INSERTS (INCHES THREAD)

KEEP -NUT® Series IM (inches)

Application: marble, granite and stone materials, as well as on composites, carbon,

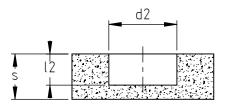
Corian[®], HPL, glass and other compact materials.

Assembly: by pressure.

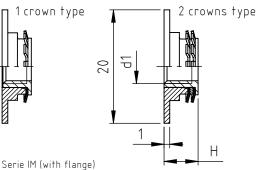


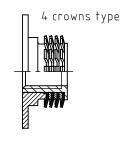


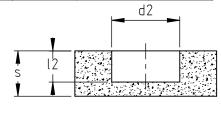
4 crowns type



code ²⁾	thread ³⁾ d1	min. thicknesses S	insert length H	hole diameter d2 +0,2/-0,2	hole depth l2 +1,0/-0,0	number of crowns	average assembly press-in force kN	average pull-out strength kN
IM1S/P/H5	10-24 1/4"-20	8	5	12	5,5	1	0,2	0,9
IM2S/P/H6	10-24 1/4"-20	8,5	6	12	6,5	2	0,4	2,5
IM4S/P/H8.5	10-24 1/4"-20	11	8	12	8,5	4	1	3,5
IM4S/P/H15	10-24 1/4"-20	17,5	14,5	12	15,5	4	1	4,2







2,9

Selle IM (WITH Italige)								
code ²⁾	thread ³⁾ d1	min. thicknesses S	insert length H	hole diameter d2 +0,2/-0,2	hole depth 12 +1,0/-0,0	number of crowns	average assembly press-in force kN	average pull-out strength kN	
IM1T/P/H5	10-24 1/4"-20	7	5	12	4,5	1	0,2	0,5	
IM2T/P/H6	10-24 1/4"-20	7,5	6	12	5,5	2	0,4	1,7	

12

Non binding dimensions, expressed in mm.

10-24

1/4"-20

_/H8.5

IM4T/P___

1) Values reported above are indicative and not binding as results from laboratory tests that might not be repeatable in different conditions. It is recommended to perform assembly test to define the correct value.

2) Reference to be completed by thread d1.

3) "No go" thread to avoid the bush extraction effect or breakage of panel caused by inappropriate screw length.

4) The proper use of the product is achieved by using our TKN gauge tool.

Standard On demand

Material: bush: stainless steel Finishing: natural stainless steel CCOWNS:

body: gray color plastic



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IM05

PRESS IN SELF-ANCHORING THREADED INSERTS

KEEP - NUT® Series IM METRIC AISI316L

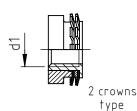
Application: marble, granite and stone materials,

by pressure.

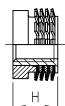
as well as on composites, carbon,

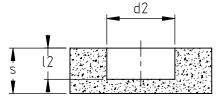
Corian[®], HPL, glass and other compact materials.





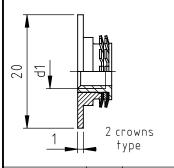
Assembly:

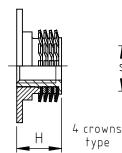


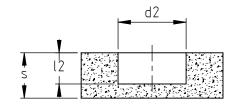


Crowns type

code **	thread ***d1	min. thicknesses S	insert height H	diameter hole d2 +0,2/-0,2	hole depth l2 +1,0/0	number crowns	average assembly press-in force * KN	average pull-out strenght * KN	certified pull-out on gres KN	certified shear on gres KN	\approx	*ETA*
IM2S//H6/K	M4 M5 M6	9	6	12	6,5	2	0,4	2,5	1,5	1,6	1	15/0615
IM4S//H8.5/K	M4 M5	12	8	12	8,5	4	1	3,5	1,8	1,6	1	15/0615







type			
hole	number	average assembly	average pull-out
depth l2	crowns	press-in	strenght

code **	thread ***d1	min. thicknesses S	insert height H	diameter hole d2 +0,2/-0,2	hole depth l2 +1,0/0	number crowns		average pull-out strenght * KN	certified pull-out on gres KN	certified shear on gres KN	Œ	*ETA*
IM2T//H6/K	M4 M5 M6	9	6	12	5,5	2	0,4	1,7	1,5	1,6	1	15/0615
IM4T//H8.5/K	M4 M5 M6	12	8	12	8	4	1	2,9	1,8	1,6	1	15/0615

Non binding dimensions, expressed in mm.

- Values reported above are indicative and not binding as results from laboratory tests that might not be repeatable in different conditions.
- It is recommended to perform ssembly test to define the correct value.
- Reference to be completed by thread d1.
- "No-go" thread to avoid the bush extraction effect or breakage of panel caused by inappropriate screw length.

Fasteners for the rear fixing of facade panels made of ceramic plates (stoneware) according to EN 14411:2012

ETA 15/0615 is downloadable at Specialinsert website

Standard On demand

stainless steel AISI316L Material: Finishing: natural bush:

stainless steel AISI316L Crowns: body: orange color plastic



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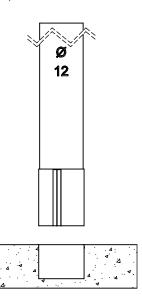
IM02

ASSEMBLY

Series IM

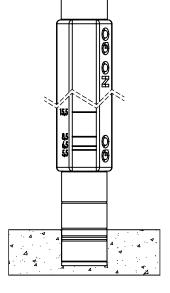
N.B. The use of the dedicate installation tools (pad and punch) is the basis for the proper functioning of the KEEP-NUT®. Specialinsert® cannot be held liable for improper installation.

Prepare the hole in the receiving material.

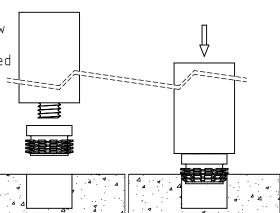


Check the correct hole size with the GO/NO GO gauge. On the GO side of the gauge there are reference marks to check the correct hole depth.

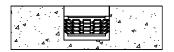
GAUGE SERIES: TKN12-IM S TKN12-IM



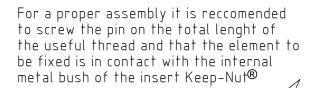
For a correct installation screw completely the insert on threaded mandrel.

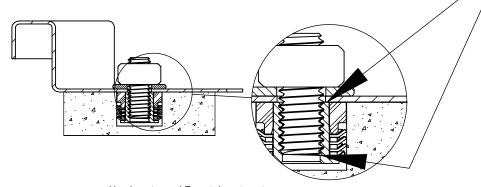


The insert is ready for the assembling.



The insert is structurally fastened and assembled.





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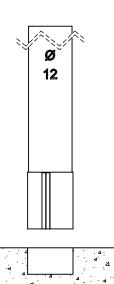
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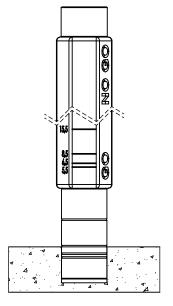
IM02

Prepare the hole in the receiving material.

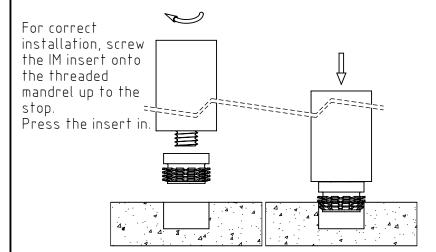


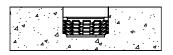
Check the correct hole size with the GO/NO GO gauge. On the GO side of the gauge there are reference marks to check the correct hole depth.

GAUGE SERIES: TKN12-IM S TKN12-IM

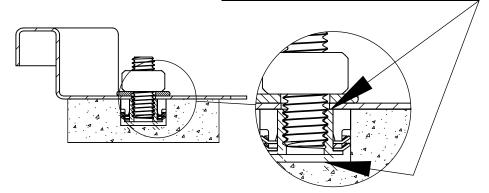


Mounted insert ready for assembly.





The insert is structurally fastened and assembled. For correct application it is recommended that the stud is screwed over the entire useful thread length and that the element to be fastened is in contact with the metal bush of the Keep-Nut®insert.



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