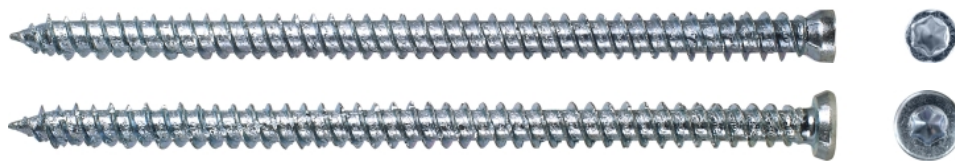


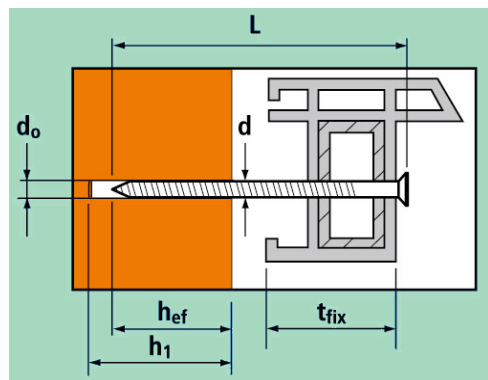
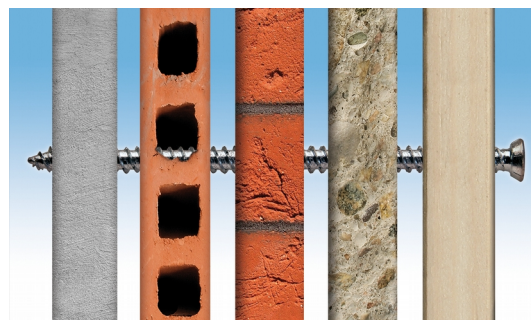
TECHNICAL DATASHEET
GETO frame screw self tapping screw for masonry

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Self tapping screw, for through fastening, Hi-Lo threading.

Available in two versions: with small cylindrical head and with wide countersunk head; countersunk version is also available with white painted head.

Base material
specific use

 concrete
 natural stone
 solid brick
 perforated brick
 hollow brick
 concrete hollow blocks
 lightweight concrete
 AAC

 d = screw diameter
 L = screw length
 d₀ = hole diameter
 h₁ = minimum hole depth
 h_{nom} = overall embedment depth
 h_{ef} = effective anchorage depth
 t_{fix} = fixable thickness

 h_{nom} = h_{ef}
GETO infisso

Wide countersunk head



art.	descr.	d mm	L mm	d ₀ mm	h ₁ mm	h _{ef} mm	t _{fix} mm	TORX n.
TVGS17	GS52	7.5	52	*	*	*	*	T30
TVGS31	GS62		62					
TVGS20	GS72		72					
TVGS29	GS82		82					
TVGS21	GS92		92					
TVGS18	GS102		102					
TVGS22	GS112		112					
TVGS28	GS122		122					
TVGS23	GS132		132					
TVGS24	GS152		152					
TVGS25	GS182		182					
TVGS30	GS212		212					
TVGS27	GS252		252					
TVGS32	GS302		302					

* see below

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GETO infisso

Wide countersunk head, white painted



art.	descr.	d mm	L mm	d ₀ mm	h ₁ mm	h _{ef} mm	t _{fix} mm	TORX n.
TVGSB31	GSB62	7,5	62	*	*	*	*	T30
TVGSB20	GSB72		72					
TVGSB29	GSB82		82					
TVGSB21	GSB92		92					
TVGSB18	GSB102		102					
TVGSB22	GSB112		112					
TVGSB28	GSB122		122					
TVGSB23	GSB132		132					
TVGSB24	GSB152		152					
TVGSB25	GSB182		182					

* see below

GETO infisso

Small cylindrical head with tapering



art.	descr.	d mm	L mm	d ₀ mm	h ₁ mm	h _{ef} mm	t _{fix} mm	TORX n.
TVGC07	GC5-62	5	62	*	*	*	*	T15
TVGC08	GC5-82		82					
TVGC01	GC5-102		82					
TVGC16	GC52	7.5	52					T30
TVGC23	GC62		62					
TVGC10	GC72		72					
TVGC17	GC82		82					
TVGC11	GC92		92					
TVGC18	GC102		102					
TVGC12	GC112		112					
TVGC19	GC122		122					
TVGC13	GC132		132					
TVGC14	GC152		152					
TVGC15	GC182		182					
TVGC21	GC212		212					
TVGC22	GC252		252					
TVGC20	GC302		302					

* see below

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GETO frame screw self tapping screw for masonry

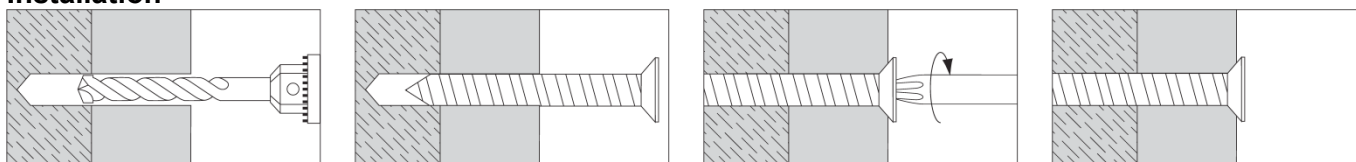
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Other setting parameters

d mm	d ₀ mm	
	concrete and stone	other materials ¹
5	4	4
7,5	6.5	6

¹ pre-drilling can be neglected on AAC

material	concrete	stone solid brick concrete block	hollow brick	lightweight concrete AAC
min. h _{ef} mm	30	40	60	80
h ₁ mm	h _{ef} + 20			
t _{fix} mm	L - h _{ef}			

Installation

Materials

material	coating
steel	white zinc ≥ 5 µm ISO 4042

Strength data

in daN (1 daN ≈ 1 kg)

Characteristic resistance

h _{ef} mm	material			
	concrete	solid brick	hollow brick	AAC
30	320			
40		120	20	
60			90	
80		750		50

An appropriate safety factor (3) is recommended.

Characteristic resistances derive from tests conducted in G&B Fissaggi's laboratories according to international guidelines. Load values are valid only if installation is performed accurately. Designer is responsible for the choice of size and number of anchors.

Recommended load

h _{ef} mm	material			
	concrete	solid brick	hollow brick	AAC
30	76			
40		29	5	
60			21	
80		179	12	12

Recommended loads include the above mentioned partial safety factor 3 and the further safety factor 1.4.