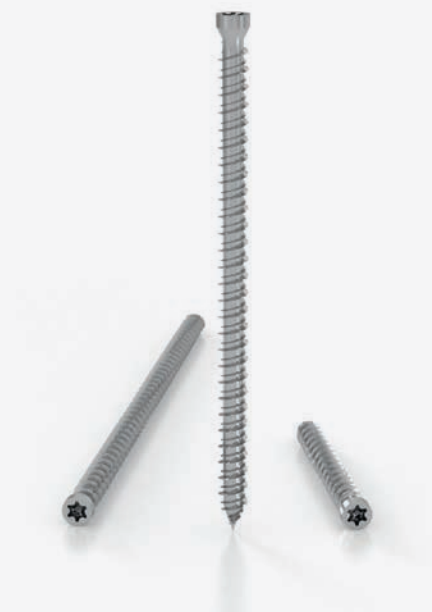


MBS

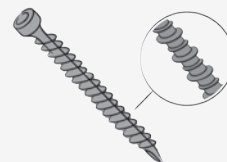
Cylindrical-head self-threading screw for brickwork

Carbon steel with white galvanic zinc coating



HI-LOW THREADING

Appropriate for direct fastening on compact and semi-solid materials: natural stone, concrete, solid bricks and hollow bricks



WOOD FRAMES

Thanks to the cylindrical head, it is ideal for fastening wood frames directly to brickwork supports



DOOR AND WINDOW FASTENINGS

The hi-low thread allows for safe fastening even near the edges of the support, thanks to the reduced tension induced on the material, ideal for frames

FAST INSTALLATION

Once the support has been drilled (with a reduced drilling dimension), the screw finds its place directly in the frame, ensuring that the required distance from the brickwork is maintained

Codes and dimensions

d ₁ [mm]	code	L [mm]	pcs/pkg
7,5 TX30	FE210086	72	100
	FE210087	92	
	FE210088	112	
	FE210089	132	
	FE210090	152	
	FE210091	182	

Also available with a flat countersunk head: ideal for fastening to PVC and aluminium frames

Geometry



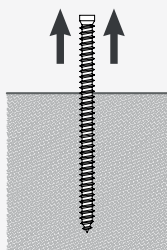
MBS SELF-THREADING SCREW

Nominal diameter	d_1 [mm]	7,5
Head diameter	d_k [mm]	8

INSTALLATION PARAMETERS

Diameter pre-bored hole brickwork/concrete	d_0 [mm]	6,0
Diameter hole in the element to be fastened	d_f [mm]	6,2

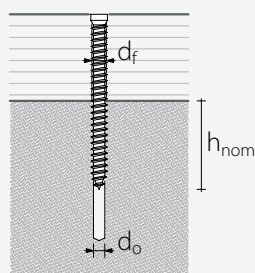
EXTRACTION RESISTANCE - RECOMMENDED VALUES



Support type	$h_{nom,min}$ [mm]	N [kN]
concrete	30	1,07
concrete block	40	-
solid brick	40	0,40
hollow brick	80	2,50
lightweight concrete	60	0,30
	80	-

The recommended extraction values are obtained considering a safety coefficient of 3.

Installation



KEY

- d_0 = Diameter of pre-bored hole concrete/brickwork
- h_{nom} = Nominal anchoring depth
- d_f = Diameter of hole in element to be fastened

