

No.	Name	Material
1	Metal Frame Anchor	Zinc plated steel

Building materials



Inspection report



Qualities



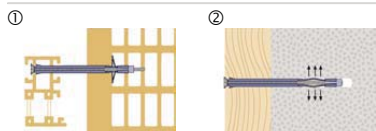
Characteristics



- ① End Caps
- Suitable for hollow masonry.
- Stress-free distance fixing.
- Zinc coated for optimum corrosion prevention.
- Fire proof up to F 120.

- Expansion cone is incaptavated in sleeve.
- Recessed-screw for Pozidrive and Phillips-screwdriver.
- Ideal for high tension and shear loads.
- Easy adjustment.

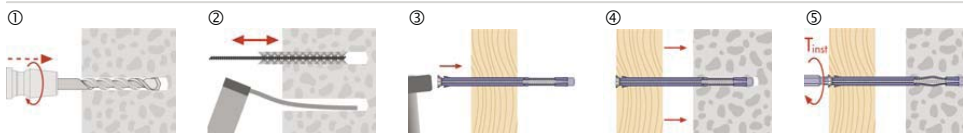
Applications



- ① Fixing in perforated brick.
- ② Fixing in solid building materials.
- Fixing in various base materials, after the expansion of the legs. It guarantees a positive-fit connection.

- Fast through fixing and distance assembling.
- Form fit – Shoulder on the plug neck locks behind the hollow section and holds it in place, see ①

Installation



- ① Take drill hole-Ø and drill hole depth from the table.
- ② Clean the drill hole with a brush, then blow it out with a purging pump (not necessary with perforated brick).
- ③ Drive the Metal Frame Anchor into the Building materials.
- ④ Position the Building materials with the Metal Frame Anchor in the drill hole and align it.
- ⑤ Tighten the screw with the predetermined T_{inst} .

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Recommended loads: ¹⁾							
N _{Emp}	- Concrete C25 - C55	kN	0.5				
	- Brick		0.4				
	- Perforated brick		0.3				
	- Aerated concrete		0.2				
Shear load			0.5				
M _{Emp}	Bending moment	Nm	2.6				
c	Min. distance to the edge	mm	100				
s	Min. distance betw. anchors	mm	200				
h _{min}	Min. thickness of foundation	mm	100				
h _{ef}	Effective anchorage depth	mm	65				
d _s	Screw-Ø	M	6				
T _{inst}	Torque at anchoring	Nm	8				
h ₁	Min. drill hole depth	mm	80				
d ₀	Drill hole -Ø in the building material	mm	10				
d _{cut}	Drill-Ø max	mm	10.45				
d _f	Hole-Ø in the attached part	mm	10.5				
d _k	Ø head	mm	13				
l	Sleeve length	mm	110	130	150	180	200
d _{nom}	Outside-Ø plug	mm	10				
t _{fix}	Assembling length usable	mm	45	65	85	115	135



Metal Frame Anchor

1) Without influence of anchor and edge distance / Safety factor 5