

EXPANSION ANCHOR Ø 10



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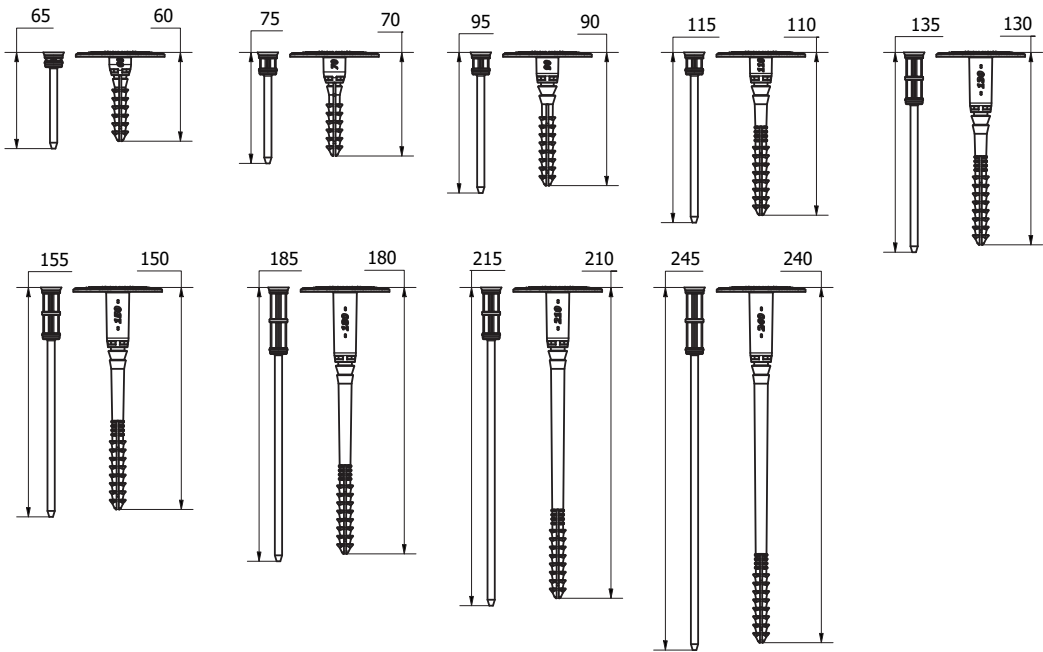
1. REGISTRY CODE

Code	Description	Measures (mm)	Fixable thickness (S _{fix})	Weight	Color	Pkg. / Pallet
TER11-4060	TDK Expansion Anchor Ø 10 mm	60 x Ø 60	max 30 mm	7 gr./pcs.	White	250 pcs. / 32.000 pcs.
TER11-4070	TDK Expansion Anchor Ø 10 mm	70 x Ø 60	max 40 mm	7,5 gr./pcs.	White	250 pcs. / 32.000 pcs.
TER11-4090	TDK Expansion Anchor Ø 10 mm	90 x Ø 60	max 60 mm	8 gr./pcs.	White	250 pcs. / 24.000 pcs.
TER11-4110	TDK Expansion Anchor Ø 10 mm	110 x Ø 60	max 80 mm	9 gr./pcs.	White	250 pcs. / 16.000 pcs.
TER11-4130	TDK Expansion Anchor Ø 10 mm	130 x Ø 60	max 100 mm	12 gr./pcs.	White	250 pcs. / 16.000 pcs.
TER11-4150	TDK Expansion Anchor Ø 10 mm	160 x Ø 60	max 120 mm	13 gr./pcs.	White	250 pcs. / 11.250 pcs.
TER11-4180	TDK Expansion Anchor Ø 10 mm	180 x Ø 60	max 150 mm	15 gr./pcs.	White	250 pcs. / 11.250 pcs.
TER11-4210	TDK Expansion Anchor Ø 10 mm	210 x Ø 60	max 180 mm	18 gr./pcs.	White	250 pcs. / 8.750 pcs.
TER11-4240	TDK Expansion Anchor Ø 10 mm	240 x Ø 60	max 210 mm	20 gr./pcs.	White	250 pcs. / 8.750 pcs.

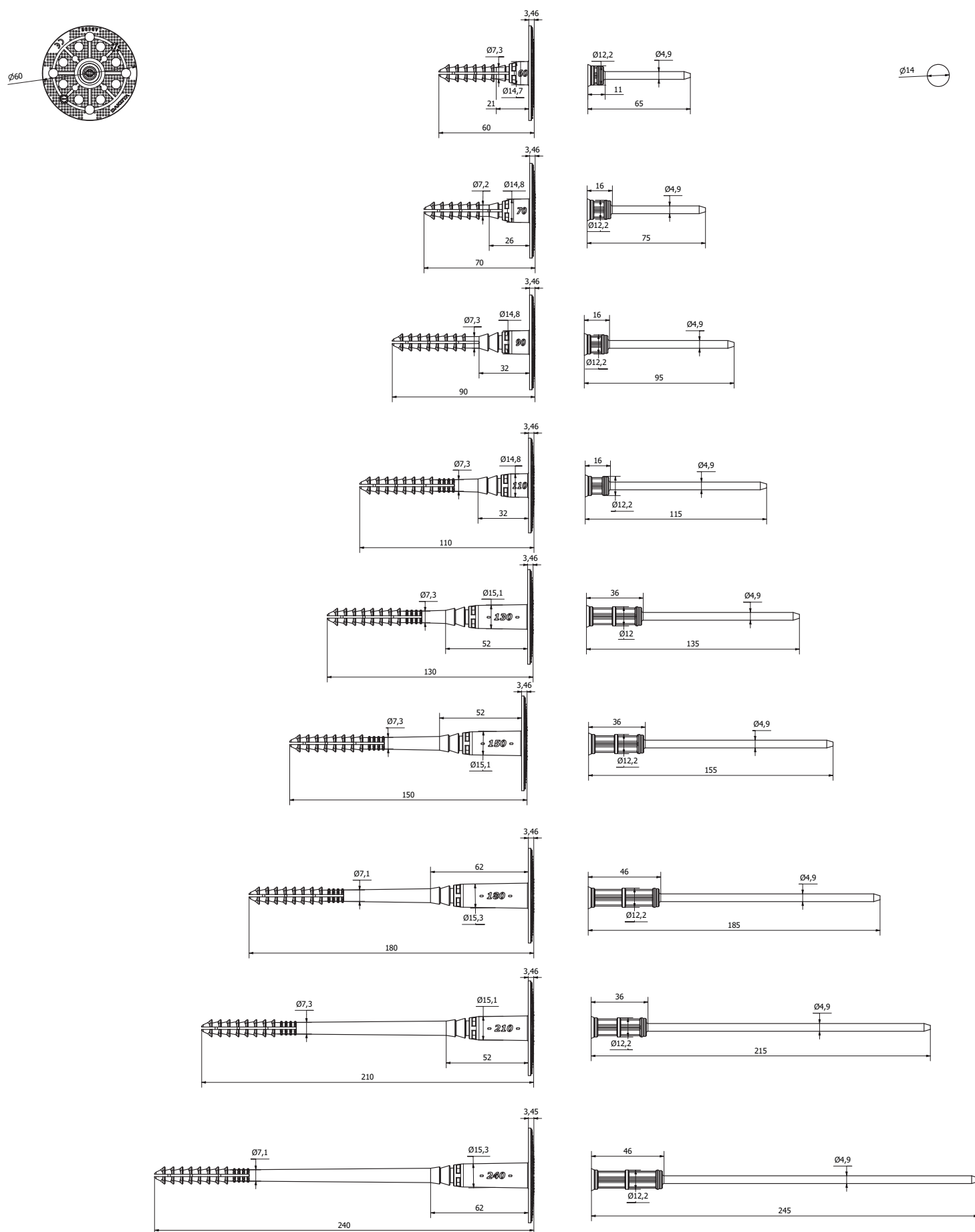
MATERIAL Made of PE-HD (polypropylene), pre-assembled black nile made of polyammyde and glassfiber.

2. DESCRIPTION

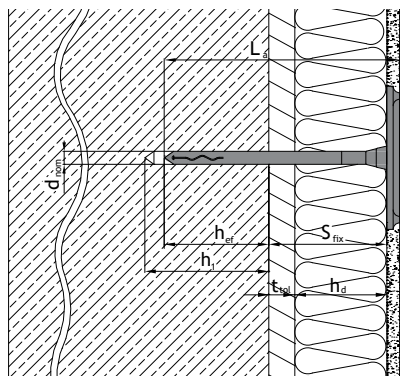
Hammering anchor hole 10 mm, with pre-assembled black nail made of polyamide and fiberglass, into the anchor's body. Compliant with ETAG with EAD certificate 330196-01-0604. The diameter of the head 60 mm with improved adherence. It has also been optimized for packaging, with a reduced pack size of 250 pcs/box for all sizes.



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Legenda:

- h_i = Profondità del foro = 50 mm
- h_{ef} = Profondità di ancoraggio = 40 mm
- d_{nom} = Diametro del tassello = 8 mm
- S_{fix} = Spessore fissabile ($h_d + t_{tol}$)
- h_d = Spessore del pannello isolante
- t_{tol} = Spessore del collante più dell'eventuale vecchio intonaco
- L_a = Lunghezza del tassello

Lunghezza del tassello $L_a = S_{fix} + h_{ef} = h_d + t_{tol} + h_{ef}$

La lunghezza del tassello (L_a) deve essere tale da garantire la profondità minima di ancoraggio al supporto caratteristica del tassello (h_{ef}) e deve necessariamente considerare la presenza di strati di intonaco preesistenti e del collante (t_{tol}).

Spessore massimo del pannello isolante $h_{dmax} = L_a - t_{tol} - h_{ef}$

3. USE

Used for the mechanical anchoring of insulating panels, mineral wool on the main types of masonry. The pre-assembled nail facilitates the installation of the anchor.

4. CERTIFICATIONS



Certified according to ETAG014.
EAD 330196-01-0604
The categories of substrates that have been certified are:
cat. A (concrete)
cat. B (solid brick)
cat. C (perforated brick)

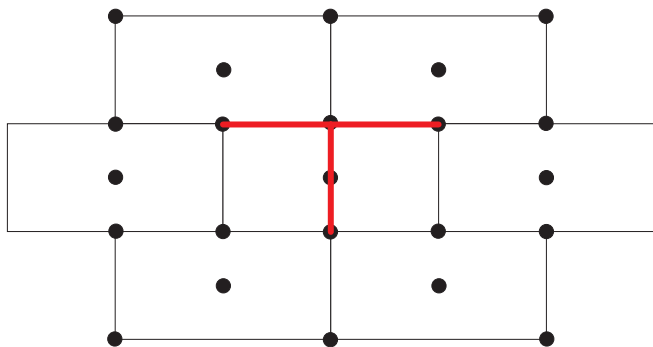
DECLARED PERFORMANCE		
N_{RK} in support categories	KN	Technical specification
Cat. A Concrete - C 12/15 (EN 206-1) - C 16/20-C50/60 (EN 206-1)	0,39 0,42	EAD 330196-01-0604
Cat. B Solid brick (EN 771-1)	0,47	EAD 330196-01-0604
Cat. C Hollow brick (EN 771-1)	0,22	EAD 330196-01-0604

N_{RK} Characteristic resistance to load tension

5. LAYING

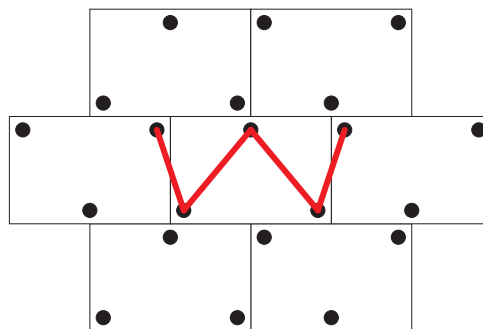
The anchors must be installed where the adhesive has been applied. In this way, the crushing force generated by the dowel effectively increases the cohesive force of the adhesive. The anchors can be positioned according to the following patterns.

ANCHORING SCHEME "T"



Polystyrene panels (EPS) with 6 dowels/sqm
In the T-shaped layout, one anchor is placed at each intersection of the slabs, plus one anchor in the center of each slab.

ANCHORING SCHEME "W"



Rock wool panels (MW) with 6 anchors/sqm
In the W pattern, each insulation board is fixed with three anchors.

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6. TECHNICAL SPECIFICATION

Item	Description	U.M.	Price
Dak.B.TER11.40xx	Supply and installation of 10 mm diameter percussion mechanical anchors, with 60 mm head for improved adhesion and black polyamide and fiberglass expansion nail. Compliant with ETAG014 with EAD certificate 330196-01-0604 and subsequent extension. The categories of substrates that have been certified are: cat. A (concrete) cat. B (solid brick) cat. C (perforated brick) Made of PE-HD (high-density polyethylene), polyamide and fiberglass nail. The number per m2 and positioning of the anchors will be defined by the designer or site manager. Used for the mechanical anchoring of insulation panels on all types of masonry, supporting their load and tensile stress. The product must be delivered to the construction site in cardboard boxes bearing a control code.		
Dak.B.TER11.4060	Length 60 mm - Head 60 mm - Ø 10.....	pc.	-
Dak.B.TER11.4070	Length 70 mm - Head 60 mm - Ø 10.....	pc.	-
Dak.B.TER11.4090	Length 90 mm - Head 60 mm - Ø 10.....	pc.	-
Dak.B.TER11.4110	Length 110 mm - Head 60 mm - Ø 10.....	pc.	-
Dak.B.TER11.4130	Length 130 mm - Head 60 mm - Ø 10.....	pc.	-
Dak.B.TER11.4150	Length 160 mm - Head 60 mm - Ø 10.....	pc.	-
Dak.B.TER11.4180	Length 180 mm - Head 60 mm - Ø 10.....	pc.	-
Dak.B.TER11.4010	Length 210 mm - Head 60 mm - Ø 10.....	pc.	-
Dak.B.TER11.4240	Length 240 mm - Head 60 mm - Ø 10.....	pc.	-