



TRA

CHARACTERISTICS

- For batten fixings to concrete floors.
- Its geometry, C shape, allows a slight movement between the express nail and the floor itself, avoiding the nail breakage
- Batten is fixed to the floor because of its spring effect, provided by heat treatment of the express nail.
- New design with 3 mounts that increases the anchor adherence.
- Zinc-plated coating.
- Available in $\varnothing 6$ y $\varnothing 8$, with different lengths (different batten thickness).

BASE MATERIAL



APPLICATION EXAMPLES



1. RANGE

ITEM	CODE	SIZES	PHOTO	COATING
1	TRA	From 6 x 30 to 8 x 150		

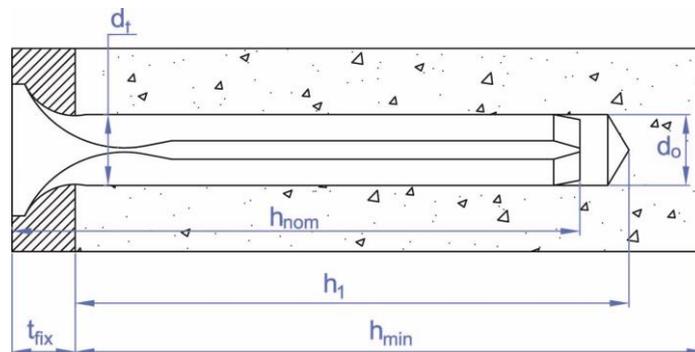
2. INSTALLATION DATA

2.1. TRA Express Nail

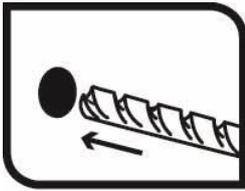


Installation Data

CODE	Installation Data										
	TRA6030	TRA6050	TRA6060	TRA6080	TRA8070	TRA8090	TRA8110	TRA8130	TRA8150		
Size	[mm]	6x30	6x50	6x60	6x80	8x70	8x90	8x110	8x130	8x150	
d ₀ : drill bit	[mm]	6					8				
l: anchor length	[mm]	30	50	60	80	70	90	110	130	150	
h ₁ : drill depth ≥	[mm]	35	40			50					
h _{nom} : embedment depth ≥	[mm]	27	30			40					
h _c : base material thickness ≥	[mm]	32	35			45					
t _{fix} : fixture thickness ≤	[mm]	3	20	30	50	30	50	70	90	110	
Maximum recommended loads											
Tension	[kg]	35	40	40	40	50	50	50	50	50	
Shear	[kg]	27	30	30	30	40	40	40	40	40	



3. INSTALLATION PROCEDURE

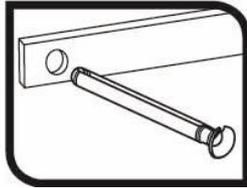


1. DRILLING

Check concrete is well compacted and porosity insignificant.

Drilling must be performed at the specified minimum depth and diameter in the previous table.

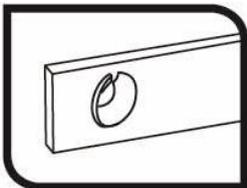
Switch drill to hammer mode in case of drilling in concrete.



2. BLOW AND CLEAN

Clean hole of dust and debris.

Use blow-pump and cleaning brushes.



3. INSTALL

Install the express nail using a hammer until the head arrives to the batten

