

# NA NAIL-IN ANCHOR



## FEATURES

- Offer greater holding than Nylon Nail expanders.
- Large diameter head for greater pull-over strength.
- Flush fitting expander nail head for vandal proof fixing.
- Zinc alloy body for corrosion protection.
- Hardened steel expander nail.
- Fully assembled.

## APPLICATIONS

- Galvanised brick ties, electrical trunking, sign, hanger straps, switch boxes, shelf brackets, attaching flashing on roofs, etc. structure and safety.

**RANGE OF LOADING**  
up to 1000N



## BASE MATERIALS



Concrete



Concrete block  
solid stone



Solid brick

## ▶ ORDERING DETAILS

ANCHOR SIZE	FIXTURE HOLE DIAMETER, $d_{fix}$ (mm)	MAX FIXTURE THICKNESS, $t_{fix}$ (mm)	PACKING CONTENT (PCs.)	PRODUCT PART NO.
M6 x 30	6.5	10	100	NA630
M6 x 40	6.5	20	100	NA640
M6 x 50	6.5	30	100	NA650



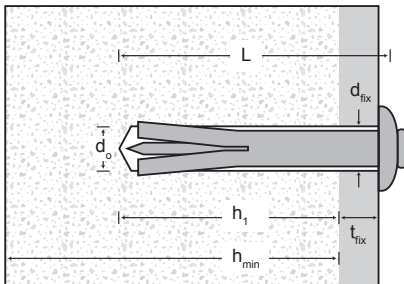
## ▶ INSTALLATION PERIMETER & LOADING DATA

ANCHOR SIZE	ANCHOR LENGTH (mm)	DRILLED HOLE DIAMETER (mm)	MINIMUM HOLE DEPTH (mm)	HEAD DIAMETER (mm)	MINIMUM CONCRETE THICKNESS (mm)	ABSOLUTE MINIMUM SPACING & EDGE DISTANCE (mm)		RECOMMENDED LOAD (kN)			
								CONCRETE <sup>1</sup>		SOLID BRICK <sup>2</sup>	
	L	$d_o$	$h_1$		$h_{min}$	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR
M6	30	6	22	13	50	25	25	1.0	1.3	0.5	0.5
M6	40	6	22	13	50	25	25	1.0	1.3	0.5	0.5
M6	50	6	22	13	50	25	25	1.0	1.3	0.5	0.5

<sup>1</sup> Loading based on standard embedment depth and non-cracked concrete,  $f_{ck,cube} = 25 \text{ N/mm}^2$  (C20/25)

<sup>2</sup> Load test is recommended to verify anchor performance on actual substrate.

## ▶ SETTING DIAGRAM



## ▶ INSTALLATION PROCEDURE

