



Pan Head Concrete Screws

DESCRIPTION

Pan Head Concrete Screws is a light duty fixing ideal for fastening. It has a T25 drive recess to reduce driver wear and prevent camming out. Serrated V-threads to achieve optimum insertion into all masonry types. This is the new alternative to the plastic plug.

TYPICAL APPLICATION

- ✓ Door Frame
- ✓ Windows Frame
- ✓ Shutters
- ✓ Air Condition
- ✓ Shelves Anchor
- ✓ Handrail
- ✓ Balcony Handrail
- ✓ Motorway Handrail
- ✓ Wooden Guardrail

FEATURES

- A rapid and effective light duty anchoring system for fixing into concrete and brick.
- Smaller hole diameter required, compared to other traditional light duty Fixings
- All metal, non-flammable fixing.
- Serrated V-threads to achieve optimum insertion into all masonry types
- Suitable for concrete, solid brick.
- Zinc plated and yellow passivated for increased corrosion resistance



MATERIAL SPECIFICATION

Component	Standard	Mechanical Properties
Screw Body	/	AISI 1022A
Corrosion protection	EN ISO 4042	Zinc plating, Min.5 µm

PRODUCT SELECTION

Part No	Size	Diameter (mm)	Length (mm)	Drill Dia (mm)	Box (pcs)
603306040	6.0 × 40	6.0	40	T25	100
603306060	6.0 × 60	6.0	60	T25	100
603306080	6.0 × 80	6.0	80	T25	100
603306100	6.0 × 100	6.0	100	T25	100

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TECHNICAL DATA

Size	d (mm)	L (mm)	d ₀ (mm)	h ₁ (mm)	t _{fix} (mm)
6.0 × 40	6.0	40	5.0	35	15
6.0 × 60	6.0	60	5.0	35	35
6.0 × 80	6.0	80	5.0	47	55
6.0 × 100	6.0	100	5.0	47	63

* d = Anchor diameter, L= Total length, d₀ = Drill hole diameter, h₁ = Min. Drill hole depth, t_{fix} = Fixture thickness, h_{ef} = Effective anchorage depth.

PERFORMANCE DATA

Substrate	Concrete C20/25	
Length (mm)	40-80	100
Rec. Tensile Load (KN) Nrec	1.0	1.5
Max Rec. Load (kg)	100	150
Rec. Shear Load (KN) Vrec	2..4	2.4