

Frame Fixing Anchor

Short Description (Beside Product Image)

High-performance frame fixing anchor designed for secure fastening of door frames, window frames, wooden battens, and structural sections into concrete, brick, and masonry. Supplied with high-grade screw and engineered nylon sleeve for strong expansion grip.

Product Overview

Frame Fixing Anchors are through-fixing fasteners used for rapid and secure installation of frames and structural members into solid base materials. The nylon sleeve expands within the substrate when the screw is tightened, ensuring firm anchorage and load stability.

Canco Fasteners manufactures frame fixing anchors suitable for OEM supply, distributor networks, infrastructure projects, and export requirements.

Quick Specifications

Material Options

- Nylon (PA6) Sleeve
- Carbon Steel Screw
- Stainless Steel Screw (Optional)
- Other materials subject to specification

Surface Finish Options (Screw)

- Zinc Plated
- Yellow Zinc
- Hot-Dip Galvanised (on request)
- Stainless Steel Plain Finish

Size Range

Available in multiple diameters and lengths to suit various frame thicknesses and base materials. Common diameter range: 6mm to 14mm. Custom lengths available upon request.

Standards

- Manufactured as per internal quality standards
- Conforming to applicable international fastening standards
- Custom production as per approved drawings

Customisation Availability

- Custom sleeve colours
- Custom screw head types (CSK / Hex / Pan)
- Private-label packaging
- Project-based bulk supply

Technical Specification Sheet

Frame Fixing Anchor – Technical Data

Product Description

Through-type expansion anchor consisting of a nylon sleeve and matching screw. Designed for fixing frames and sections directly into concrete, solid brick, and masonry.

Components

- Nylon expansion sleeve
- High-strength steel screw
- Countersunk or hex head (as specified)

Manufacturing Process

- Injection moulded nylon sleeve
- Cold forged screw manufacturing
- Thread rolling process
- Controlled surface finishing

Material Grades

- PA6 Nylon Sleeve
- Carbon Steel (Grade 4.8 / 5.8)
- Stainless Steel AISI 304 / 316 (optional)

Surface Finishes

- Zinc Plated
- Yellow Zinc Passivated
- Hot-Dip Galvanised (on request)
- Plain Stainless Steel

Dimensional Control

Manufactured under strict dimensional tolerances to ensure proper expansion, grip strength, and installation performance.

Testing & Inspection

- Dimensional inspection
- Expansion performance testing
- Thread gauge verification
- Material certification available upon request

Typical Applications

- Door frame installation
- Window frame fixing
- Wooden battens and brackets
- Light structural fixing

- Electrical and plumbing installations

Installation Note

Drill recommended hole diameter and depth as per anchor size. Insert anchor through the fixture into the substrate and tighten screw to activate expansion. Load capacity depends on base material strength and embedment depth.

Export & Packaging

- Poly bags
- Printed cartons
- Bulk packaging
- Palletised export shipments
- Private-label packaging available

Canco Fasteners supplies frame fixing anchors for OEM programmes, construction projects, and international export markets.

Discuss bulk supply or OEM programmes

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