

CANCO ANCHOR BOLT – 3 LEAF

📄 Short Description

Heavy-duty 3 Leaf Anchor Bolt designed for secure anchoring in concrete, brick, and solid masonry applications. The expansion mechanism provides strong holding power through mechanical grip when tightened. Suitable for structural, industrial, and construction fastening applications.

📄 Product Overview

The CANCO Anchor Bolt – 3 Leaf is a mechanical expansion anchor consisting of a threaded bolt, expansion sleeve (3-leaf design), nut, and washer. When tightened, the three expansion leaves spread uniformly against the base material, ensuring high pull-out resistance and secure fixation.

Manufactured by Canco Fasteners to strict quality standards, this product is suitable for OEM programs, distributor supply, and bulk export requirements.

📄 Quick Specifications

Material Options

- Carbon Steel
- High Tensile Steel (as specified)
- Stainless Steel (AISI 304 / AISI 316)
- Other grades subject to customer requirement

Surface Finish Options

- Zinc Plated (Yellow / White)
- Hot-Dip Galvanised
- Mechanical Galvanised
- Plain / Self Colour
- Custom coating upon request

Size Range

Available in various diameters and lengths.

Typical sizes: M6, M8, M10, M12, M16, M20 (custom sizes available).

Standards

Manufactured as per industry standards or customer-approved drawings.

Customisation Availability

- Custom dimensions
- Material grade modification
- Special surface treatments
- Private-label packaging
- Bulk export configuration

Technical Specification Sheet

Product Description

Mechanical expansion anchor bolt with 3-leaf sleeve mechanism.

Components

Threaded Bolt

3-Leaf Expansion Sleeve

Hex Nut

Flat Washer

Manufacturing Process

- Cold forming / Hot forging
- Precision thread rolling
- Controlled expansion sleeve forming
- Surface finishing

Material Grades

- Carbon Steel
- High Tensile Steel
- Stainless Steel 304 / 316

Surface Finishes

- Zinc Plated
- Hot-Dip Galvanised
- Passivated Stainless Steel

Testing & Inspection

- Dimensional inspection
- Thread verification
- Visual inspection
- Pull-out testing (optional)

Typical Applications

- Structural steel fixing
- Machinery installation
- Construction anchoring

- Industrial support systems

Installation Note

Drill hole, insert anchor, tighten nut to expand sleeve.

Export & Packaging

- Loose cartons
- Retail packs
- Palletised loads
- Private-label packaging

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