

CAN PROJECTION BOLT – 3 LEAF

◆ Short Description

Heavy-duty 3 Leaf Projection 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 CAN Projection 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 to suit application requirements. Typical sizes: M6, M8, M10, M12, M16, M20 (custom sizes available subject to drawing approval).

Standards

Manufactured as per industry standards or customer-approved drawings.

Compliance documentation available upon request.

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 for secure anchoring in solid base materials.

Components

- Threaded Bolt
- 3-Leaf Expansion Sleeve
- Hex Nut
- Flat Washer
- Cap

Manufacturing Process

- Cold forming / Hot forging (as applicable)
- Precision thread rolling
- Controlled expansion sleeve forming
- Surface finishing & coating as specified

Material Grades

- Mild / Carbon Steel
- High Tensile Steel
- Stainless Steel 304
- Stainless Steel 316
- Other materials upon request

Surface Finishes

- Zinc Plated
- Hot-Dip Galvanised
- Passivated Stainless Steel
- Custom finishes available

Dimensional Control

Manufactured within specified tolerances in accordance with approved drawings or applicable engineering standards.

Testing & Inspection

- Dimensional inspection
- Thread verification (Go / No-Go gauges)
- Visual surface inspection
- Pull-out testing (upon request)
- Material Test Certificate (EN 10204 3.1 available upon request)

Typical Applications

- Structural steel fixing
- Machinery installation
- Construction anchoring
- Industrial support systems
- Heavy-duty fastening in concrete

Installation Note

Drill hole to recommended diameter and depth. Insert projection bolt into the hole and tighten nut to specified torque. Proper installation ensures full expansion of 3-leaf sleeve and optimal load performance.

Export & Packaging


Available in:


- Loose cartons
- Small retail packs
- Palletised loads
- Private-label packaging

- Containerised bulk shipments

Canco Fasteners manufactures CAN Projection Bolt – 3 Leaf strictly to approved standards or customer drawings. Products are available for OEM programs, distributor supply, and export markets.

Discuss bulk supply or OEM programs:

 +91-9717005153

 Vasu@cancofasteners.com