

Foundation Bolt

◆ Short Description (Beside Product Image)

High-strength foundation bolt designed for anchoring structural elements to concrete foundations. Manufactured from premium-grade carbon steel or stainless steel with corrosion-resistant finishes. Suitable for industrial, commercial, and infrastructure applications.

◆ Product Overview

Foundation bolts are used to secure structural steel columns, machinery bases, towers, and heavy equipment to concrete foundations. The L-type foundation bolt provides strong mechanical anchorage through its bent profile embedded into concrete.

Canco Fasteners manufactures foundation bolts according to international standards or customer drawings, supporting OEM programmes, project supply, and bulk export requirements.

◆ Quick Specifications

Material Options

- Carbon Steel
- High Tensile Steel
- Stainless Steel (AISI 304)
- Stainless Steel (AISI 316)
- Other grades subject to customer specification

Surface Finish Options

- Electro-Galvanised (Zinc Plated)
- Hot-Dip Galvanised
- Plain / Black Finish
- PTFE / Special Coatings (on request)
- Passivated (for stainless steel)

Size Range

Available in various diameters and lengths as per project requirement. Common diameter range: M8 to M64 (or as specified). Custom thread lengths and bend dimensions available upon drawing approval.

Standards

- IS 5624 (where applicable)
- DIN / ASTM equivalent standards (as required)
- Manufactured to customer specification

- Compliance documentation available upon request

Customisation Availability

- Custom dimensions and threading
- Material grade modifications
- Special surface coatings
- Project-based packaging
- Private-label export packaging

Technical Specification Sheet

Foundation Bolt – Technical Data

Product Description

L-shaped anchor bolt designed to provide strong anchorage between structural members and concrete foundations. Suitable for static and dynamic load applications.

Components

- L-type bolt body
- Hex nuts (as required)
- Flat washers / Spring washers (as required)

Manufacturing Process

- Hot forging or cold bending (as applicable)
- Thread rolling or thread cutting
- Heat treatment (if required)
- Surface finishing and coating

Material Grades

- Mild / Carbon Steel
- High Tensile Grades (8.8 / 10.9)
- Stainless Steel 304
- Stainless Steel 316
- Other materials as specified

Surface Finishes

- Zinc Plated
- Hot-Dip Galvanised
- Black Finish
- Custom coatings upon request

Dimensional Control

Manufactured to specified dimensional tolerances in accordance with applicable standards or approved customer drawings.

Testing & Inspection

- Dimensional inspection
- Thread gauge verification
- Mechanical property testing (if required)
- Material Test Certificate (EN 10204 3.1 available upon request)

Typical Applications

- Structural steel column anchoring
- Machinery foundation fixing
- Industrial equipment installation
- Infrastructure and construction projects
- Pre-engineered buildings (PEB)

Installation Note


Proper embedment depth and alignment must be ensured during concrete pouring. Load capacity depends on correct installation, concrete grade, and bolt specification.


Export & Packaging

- Loose cartons
- Gunny bags
- Palletised loads
- Bulk export containers
- Private-label packaging

Canco Fasteners manufactures foundation bolts strictly to approved standards or customer drawings. Products are available for OEM programmes, distributor supply, and containerised export shipments.

Discuss bulk supply or OEM programmes

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