

U Bolt – Technical Data Sheet

◆ Short Description (Beside Product Image)

High-strength U bolts designed for secure clamping and support of pipes, tubes, and structural components in construction, industrial, automotive, and marine applications. Manufactured in carbon steel or stainless steel with corrosion-resistant finishes, available in a wide range of sizes.

◆ Product Overview

U bolts are U-shaped fasteners with threaded ends, used to support piping, tubing, or round objects. They are commonly used with nuts and washers to clamp objects securely to surfaces or support structures. Canco Fasteners manufactures U bolts as per international standards or customer drawings, supporting OEM, distribution, and export requirements.

◆ Quick Specifications

Material Options

- Carbon Steel
- Stainless Steel (AISI 304)
- Stainless Steel (AISI 316)
- Other grades as per specification

Surface Finish Options

- Electro-Galvanised (Zinc Plated)
- Hot-Dip Galvanised
- Plain / Self-colour
- Passivated (for stainless steel)
- Custom coatings available

Size Range

Available in multiple diameters and lengths to suit pipe sizes and application requirements. Custom dimensions available as per drawings.

Standards

DIN 3570 (typical reference)
Or manufactured as per customer specification
Compliance documentation available upon request

Customisation Availability

- Custom dimensions
- Material grade changes
- Special coatings
- Private-label packaging
- Bulk export supply

Technical Specification Sheet

Product Description

U-shaped threaded fastener used for clamping, holding, and supporting pipes or round structures. Suitable for both permanent and semi-permanent fastening applications.

Components

- U-shaped rod
- Threaded ends
- Hex nuts (with optional washers)

Manufacturing Process

- Rod bending and forming
- Thread rolling or cutting
- Heat treatment (if required)
- Surface finishing and coating

Material Grades

- Mild / Carbon Steel
- Stainless Steel 304
- Stainless Steel 316
- Other materials as specified

Surface Finishes

- Zinc plated
- Hot-dip galvanised
- Passivated stainless steel
- Custom finishes on request

Dimensional Control

Manufactured as per standard tolerances or approved customer drawings.

Testing & Inspection

- Dimensional inspection
- Thread verification

- Visual inspection
- Material certification (EN 10204 3.1 available)

Typical Applications

- Pipe support systems
- Automotive assemblies
- Structural fastening
- HVAC installations
- Marine and industrial usage


Installation Note


Proper tightening torque must be applied to ensure secure clamping. Load capacity depends on correct installation and application conditions.

Export & Packaging

- Loose cartons
- Palletised shipments
- Private-label packaging
- Bulk export supply

Discuss bulk supply or OEM programmes

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