

Wing Screw – Technical Data Sheet

◆ Short Description (Beside Product Image)

Wing screws are hand-tightened fasteners featuring two extended wings for easy grip and manual operation without tools. Commonly used in applications requiring frequent assembly and disassembly, such as fixtures, panels, and light-duty clamping. Manufactured in carbon steel and stainless steel with various protective finishes.

◆ Product Overview

Wing screws are externally threaded fasteners with a wing-shaped head that allows tightening and loosening by hand. They are ideal for applications where quick adjustments or repeated removal is required. Canco Fasteners manufactures wing screws as per standard specifications or custom drawings for OEM and export supply.

◆ Quick Specifications

Material Options

- Carbon Steel
- Stainless Steel (AISI 304)
- Stainless Steel (AISI 316)
- Other materials on request

Surface Finish Options

- Zinc Plated
- Hot-Dip Galvanised
- Plain Finish
- Passivated (Stainless Steel)
- Custom coatings

Size Range

Available in various thread sizes and lengths suitable for different applications. Custom sizes available as per drawings.

Standards

DIN 316 (typical reference)
Or manufactured as per customer specification
Compliance available upon request

Customisation Availability

- Custom thread sizes and lengths
- Material grade changes
- Special coatings
- Private-label packaging
- Bulk export supply

Technical Specification Sheet

Product Description

Hand-operated fastener with wing head, used for quick tightening and loosening without tools. Suitable for light to medium duty fastening applications.

Components

- Threaded screw body
- Wing head

Manufacturing Process

- Cold forging or machining
- Thread rolling
- Surface finishing and coating

Material Grades

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

Surface Finishes

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

Dimensional Control

Manufactured in accordance with standard tolerances or approved customer drawings.

Testing & Inspection

- Dimensional inspection
- Thread verification
- Visual inspection
- Material certification (EN 10204 3.1 available)

Typical Applications

- Electrical panels
- Furniture assembly
- Industrial enclosures
- Machinery covers
- DIY and maintenance applications

Installation Note

Designed for hand tightening. Avoid over-tightening to prevent thread damage. Not recommended for high-load applications.

Export & Packaging

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

Discuss bulk supply or OEM programmes



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