

Hook Sleeve Anchor Bolt

◆ Short Description (Beside Product Image)

Heavy-duty hook sleeve anchor bolt designed for secure fastening into concrete, brick, and solid masonry applications. Engineered for reliable expansion anchoring, manufactured in carbon steel or stainless steel with corrosion-resistant finishes. Available in multiple diameters and embedment lengths to meet structural and industrial fastening requirements.

◆ Product Overview

Hook sleeve anchor bolts are mechanical expansion anchors consisting of a threaded stud with hook end, expansion sleeve, nut, and washer. When tightened, the sleeve expands against the base material, creating a secure and vibration-resistant fixing.

Canco Fasteners manufactures hook sleeve anchor bolts in accordance with applicable international standards or customer drawings, supporting OEM programmes, distributor supply, and bulk export requirements.

◆ Quick Specifications

Material Options

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

Surface Finish Options

- Zinc Plated
- Hot-Dip Galvanised
- Plain / Self-colour
- Passivated (for stainless steel)
- Special coatings subject to specification

Size Range

Typical diameter range: M6 to M24.

Various lengths available depending on embedment depth requirements.

Custom dimensions available subject to drawing approval.

Anchor Type

- Mechanical expansion type
- Hook end configuration
- Through-bolt installation design

Standards

- Manufactured to relevant international anchor standards (where applicable)
- Or produced to customer drawings/specifications
- Compliance documentation available upon request

Customisation Availability

- Custom hook dimensions
- Special sleeve design
- Special material grades
- Private-label packaging
- Bulk export configurations

Technical Specification Sheet

Hook Sleeve Anchor Bolt – Technical Data

Product Description

Mechanical expansion anchor with hook end, designed for anchoring and suspending applications in solid concrete and masonry substrates.

Components

- Hooked threaded stud
- Expansion sleeve
- Hex nut
- Flat washer

Manufacturing Process

- Cold forming / machining (stud)
- Sleeve fabrication and slotting
- Thread rolling
- Surface finishing and controlled coating

Material Grades

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

Load Consideration

Load capacity depends on base material strength, embedment depth, anchor diameter, spacing, and edge distance. Safe Working Load (SWL) to be determined as per engineering standards and project requirements.

Installation Method

- Drill hole to specified diameter and depth
- Clean hole from dust and debris
- Insert anchor through fixture into base material
- Tighten nut to specified torque to activate sleeve expansion

Testing & Inspection

- Dimensional inspection
- Thread verification
- Surface coating inspection
- Pull-out testing (where required)
- Material certification (EN 10204 3.1 available upon request)

Typical Applications

- Suspension systems
- Ceiling installations
- HVAC supports
- Industrial anchoring
- Construction fastening in concrete and masonry

Installation Note

Proper installation torque and embedment depth are critical for achieving rated performance. Installation must follow recommended guidelines and engineering practices.


Export & Packaging


Available in:

- Loose cartons
- Palletised loads
- Private-label cartons
- Bulk export quantities

Canco Fasteners manufactures hook sleeve anchor 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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