

Ceiling Wire Anchor

Technical Data Sheet

Short Description

Heavy-duty ceiling wire anchor designed for secure suspension of threaded rods, wire systems, and overhead installations in concrete substrates. Manufactured from high-grade carbon steel with corrosion-resistant finishes, suitable for construction, MEP, HVAC, and industrial applications.

Product Overview

Ceiling Wire Anchors are mechanical expansion anchors engineered for overhead fixing in concrete. The anchor body expands within the drilled hole when installed, providing secure mechanical interlock. The integrated eyelet allows attachment of suspension wires, threaded rods, or hanging systems.

Canco Fasteners manufactures ceiling wire anchors according to international standards or customer-approved drawings, supporting OEM programs, distributor supply, and 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

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

Size Range

Available in multiple diameters and lengths to suit varying load requirements. Custom dimensions available subject to drawing approval.

Standards

Manufactured as per applicable international standards or customer specifications.

Compliance documentation available upon request.

Customisation Availability

- Custom dimensions
- Load rating adjustments
- Material grade modifications
- Special surface treatments
- Private-label packaging
- Bulk export configurations

Technical Specification Sheet

Product Description

Mechanical expansion anchor designed for overhead installations in solid concrete. Provides secure suspension point for ceiling applications.

Components

- Anchor body
- Expansion sleeve
- Eyelet / loop head
- Internal cone mechanism

Manufacturing Process

- Cold forming / machining (anchor body)
- Precision slotting for expansion
- Controlled heat treatment (where applicable)
- Surface finishing and coating

Material Grades

- Mild / Carbon Steel

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

Surface Finishes

- Zinc plated
- Yellow zinc plated
- Hot-dip galvanised
- Passivated stainless steel
- Custom finish upon request

Dimensional Control

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

Testing & Inspection

- Dimensional inspection
- Thread and expansion verification
- Visual surface inspection
- Material certification (EN 10204 3.1 available upon request)
- Load testing available upon request

Typical Applications

- Suspended ceiling systems
- HVAC duct suspension
- Electrical cable tray support
- Fire sprinkler system installations
- Mechanical and industrial overhead supports

Installation Note

Proper installation requires drilling to specified diameter and embedment depth in solid concrete. Anchor must be set using appropriate setting tool to ensure correct expansion. Load capacity depends on substrate condition and correct installation.

Export & Packaging

Available in:

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

Canco Fasteners manufactures ceiling wire anchors strictly to approved standards or customer drawings. Products are available for OEM programs, distributor supply, and containerised export shipments.

For bulk supply or OEM enquiries:

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