

## 4-Leaf Eye Hook Expansion Anchor (MAS)

### ◆ Short Description

Heavy-duty 4-Leaf Eye Hook Expansion Anchor (MAS type) designed for secure anchoring in concrete, brick, and solid masonry. The four-segment expansion mechanism provides uniform radial expansion, ensuring high load-bearing capacity and secure fixation for lifting, suspension, and structural applications.

### ◆ Product Overview

The 4-Leaf Eye Hook Expansion Anchor (MAS) consists of a forged eye bolt, expansion sleeve with four-leaf segments, cone, hex nut, and washer assembly. When tightened, the internal cone pulls into the sleeve, causing the four segments to expand evenly against the base material, creating strong mechanical interlock.

Manufactured by Canco Fasteners to strict quality standards, suitable for OEM programs, project supply, distributor networks, and bulk export shipments.

### ◆ Quick Specifications

#### Material Options

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

#### Surface Finish Options

- Zinc Plated (White / Yellow)
- Hot-Dip Galvanised
- Mechanical Galvanised
- Plain / Self Colour
- Custom coatings upon request

#### Size Range

Available in various diameters and lengths to suit application requirements. Typical sizes: M6, M8, M10, M12, M16, M20 (custom sizes available subject to drawing approval).

### Standards

Manufactured as per industry standards or customer-approved drawings.

Compliance documentation available upon request.

### Customisation Availability

- Custom dimensions
- Material grade modification
- Special surface treatments
- Private-label packaging
- Bulk export configurations

### Technical Specification Sheet

### Product Description

Mechanical four-segment expansion anchor with eye hook head, designed for secure anchoring and suspension in solid base materials.

### Components

- Forged Eye Bolt
- 4-Leaf Expansion Sleeve
- Expansion Cone
- Hex Nut
- Flat Washer

### Manufacturing Process

- Cold forming / Hot forging (eye bolt)
- Precision thread rolling
- Sleeve forming with controlled expansion slots
- Assembly and surface finishing as specified

### Material Grades

- Mild / Carbon Steel
- High Tensile Steel
- Stainless Steel 304
- Stainless Steel 316

- Other materials upon request

#### **Surface Finishes**

- Zinc Plated
- Hot-Dip Galvanised
- Passivated Stainless Steel
- Custom finishes available

#### **Dimensional Control**

Manufactured within specified tolerances in accordance with approved drawings or applicable engineering standards.

#### **Testing & Inspection**

- Dimensional inspection
- Thread verification (Go / No-Go gauges)
- Visual surface inspection
- Pull-out testing (upon request)
- Material Test Certificate (EN 10204 3.1 available upon request)

#### **Typical Applications**

- Suspension of pipes and cable trays
- Hanging fixtures and lighting systems
- Industrial equipment anchoring
- Safety line attachment points
- Structural fastening in concrete

#### **Installation Note**

Drill hole to specified diameter and depth. Clean hole thoroughly before insertion. Insert anchor into drilled hole and tighten nut to recommended torque to achieve full four-leaf expansion. Ensure load direction is aligned with eye hook axis.

#### **Export & Packaging**


Available in:


- Loose cartons
- Small retail packs
- Palletised loads

- Private-label packaging
- Containerised bulk shipments

Canco Fasteners manufactures 4-Leaf Eye Hook Expansion Anchor (MAS) strictly to approved standards or customer drawings. Products are available for OEM programs, distributor supply, and export markets.

Discuss bulk supply or OEM programs:

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