



TRUSTED NAME IN QUALITY FIXING SYSTEMS - GOVERNMENT RECOGNISED EXPORT HOUSE - EST. 1967

## MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT

|              |                     |          |        |
|--------------|---------------------|----------|--------|
| Document No. | CANCO-MTC-EHA4L-REF | Revision | 00     |
| Issue Date   | August 2026         | Page     | 1 of 1 |

### PRODUCT INFORMATION

|                                    |                                                                      |                       |                                       |
|------------------------------------|----------------------------------------------------------------------|-----------------------|---------------------------------------|
| Product Name                       | CANCO Eye Hook Expansion Anchor (4 Leaf)                             | Reference Size        | Multiple diameters & lengths          |
| Product Category                   | Mechanical Four-Leaf Expansion Anchor                                | Base Material         | Carbon Steel / SS 304 / SS 316        |
| Application                        | Overhead fixing / suspension in solid concrete                       | Manufacturing Process | Mechanical expansion anchor assembly  |
| Surface Finish                     | Electro-Galvanised / Yellow Zinc / HDG / Plain / Passivated          | Custom Sizes          | Available subject to drawing approval |
| Reference Standard / Specification | Manufactured to applicable customer specification / approved drawing |                       |                                       |

### DESCRIPTION OF PARTS

| Item No. | Quantity (Pcs) | Product Type / Components                                                                    | Material                        | Finish       | Product Image                                                                       |
|----------|----------------|----------------------------------------------------------------------------------------------|---------------------------------|--------------|-------------------------------------------------------------------------------------|
| 1        | As Per Actual  | Eye Hook Expansion Anchor<br>4-Leaf Expansion Body + Eye Hook Head + Internal Cone Mechanism | Carbon Steel<br>SS 304 / SS 316 | As per order |  |

### CHEMICAL COMPOSITION (REFERENCE)

### MECHANICAL PROPERTIES / TESTING

| Element        | Specification                     | Verification            | Property / Test              | Requirement / Status                    |
|----------------|-----------------------------------|-------------------------|------------------------------|-----------------------------------------|
| Carbon (C)     | As per selected material grade    | Actual heat certificate | Dimensional Inspection       | PASS — approved drawing / specification |
| Manganese (Mn) | As per selected material grade    | Actual heat certificate | Visual Inspection            | PASS                                    |
| Silicon (Si)   | As per selected material grade    | Actual heat certificate | Thread / Eye Hook Inspection | PASS — as applicable                    |
| Phosphorus (P) | Applicable material specification | Actual heat certificate | Expansion Sleeve Inspection  | PASS                                    |
| Sulphur (S)    | Applicable material specification | Actual heat certificate | Surface Finish Inspection    | PASS — as ordered                       |

The supplied technical data sheet defines material options, finishes, size range, components and applications, but does not provide a product-specific chemical analysis or numerical mechanical test values. Actual heat/lot values shall be stated on the order-specific certificate where applicable.

### ANCHOR PERFORMANCE - REFERENCE / PROJECT-SPECIFIC

| Load Type | Characteristic Load, NRk         | Design Load, NRd                       | Recommended Load, NRec |
|-----------|----------------------------------|----------------------------------------|------------------------|
| Tension   | Project-specific / test required | Project-specific / design verification | Project-specific       |
| Shear     | Project-specific / test required | Project-specific / design verification | Project-specific       |

The technical sheet does not state numerical anchor load ratings. Final capacity depends on anchor geometry, embedment, concrete grade, edge distance, spacing and installation, and shall be established by applicable design/test documentation.

### QUALITY INSPECTION

|                         |                     |                              |        |
|-------------------------|---------------------|------------------------------|--------|
| Raw Material Inspection | ✓ PASS / AS ORDERED | Surface Finish Inspection    | ✓ PASS |
| Dimensional Inspection  | ✓ PASS              | Eye Hook / Thread Inspection | ✓ PASS |
| Visual Inspection       | ✓ PASS              | Four-Leaf Expansion Sleeve   | ✓ PASS |

Manufacturer's Declaration — This standard reference certificate describes the Canco Eye Hook Expansion Anchor (4 Leaf) product and the quality-control requirements stated in the supplied technical specification. Final material grade, chemical composition, dimensions, coating and test values shall be those stated on the actual order-specific certificate where applicable.

For CANCO Fasteners



Authorized Signatory

REFERENCE NOTICE — This Material Test Certificate is a standard reference document for technical evaluation and product information. The supplied technical specification confirms the product description, four-leaf expansion construction, material options, finishes, size range and applications. Batch-specific MTCs reflecting actual heat/lot analysis are issued with confirmed customer orders and are available on request.

Office: B-6/2, DDA Shopping Complex, Opp. Deer Park, Safdarjung Enclave, New Delhi - 110029 | Factory: A-63/2, G.T. Karnal Road Industrial Area, Azadpur, Delhi - 110033, India  
Tel: +91-11-42525500 | Email: vasu@cancofasteners.com | Web: www.cancofasteners.com