



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

## MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT

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

### PRODUCT INFORMATION

|                           |                                                                              |                       |                                                                                                  |
|---------------------------|------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------|
| Product Name              | CANCO Wedge Anchor                                                           | Reference Size        | Multiple diameters and lengths; final dimensions as per approved drawing / order                 |
| Product Category          | Mechanical Expansion Wedge Anchor                                            | Base Material         | Material grade as specified on order / approved drawing                                          |
| Application               | Structural, machinery and base plate fastening in solid concrete and masonry | Manufacturing Process | Cold forming / hot forging; precision thread rolling; clip assembly; surface finishing & coating |
| Surface Finish            | Zinc plated / hot-dip galvanised / passivated stainless / custom as ordered  | Customisation         | Custom dimensions, material grade, coatings, packaging and private branding                      |
| Standards / Specification | Manufactured as per industry standards or approved customer drawing          |                       |                                                                                                  |

### DESCRIPTION OF PARTS

| Item No. | Quantity (Pcs) | Product Type / Components | Material | Finish | Product Image |
|----------|----------------|---------------------------|----------|--------|---------------|
|----------|----------------|---------------------------|----------|--------|---------------|

1 As Per Actual Threaded Stud + Expansion Clip + Hex Nut + Flat Washer As per selected material grade / order As ordered



### 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 | Thread Verification                 | PASS — Go / No-Go gauges                |
| Silicon (Si)   | As per selected material grade | Actual heat certificate | Expansion / Functional Verification | PASS — functional check                 |
| Chromium (Cr)  | As per selected material grade | Actual heat certificate | Surface Finish Inspection           | PASS — as ordered                       |
| Nickel (Ni)    | As per selected material grade | Actual heat certificate | Load / Pull-Out Testing             | Where required / upon request           |

This standard reference certificate is based on the supplied product image and technical specification. Actual heat/lot chemical analysis, numerical mechanical values, exact dimensions and load-test results are not invented in this certificate. Order-specific values shall be stated on the applicable batch certificate.

### 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       |

Safe Working Load (SWL) is to be determined from project-specific testing and engineering requirements. Do not use a generic load value without verified test data.

### QUALITY INSPECTION

|                                 |                        |                                 |                        |
|---------------------------------|------------------------|---------------------------------|------------------------|
| Raw Material Inspection         | ✓ PASS / AS ORDERED    | Surface Finish Inspection       | ✓ PASS                 |
| Dimensional Inspection          | ✓ PASS                 | Visual Inspection               | ✓ PASS                 |
| Expansion Function Verification | ✓ PASS                 | Load / Pull-Out Testing         | Where required         |
| Material Certification          | Available upon request | Installation / Functional Check | ✓ PASS — as applicable |

Manufacturer's Declaration — This standard reference certificate describes the CANCO Wedge Anchor and the quality-control framework for technical evaluation. Final material grade, chemical composition, dimensions, finish 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. 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