



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

MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT

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

PRODUCT INFORMATION

Product Name	CANCO Ceiling Anchor	Reference Size	Multiple diameters and lengths; typical M6, M8, M10, M12; custom sizes available
Product Category	Expansion Type Ceiling Anchor	Base Material	Carbon Steel / High Tensile Steel / Stainless Steel AISI 304 / AISI 316
Application	Overhead fastening in concrete and solid masonry; false ceiling, HVAC, cable tray and lighting support	Manufacturing Process	Cold forming / machining; precision slot cutting; assembly of expansion system; surface finishing
Surface Finish	Zinc Plated (White / Yellow) / Hot-Dip Galvanised / Mechanical Galvanised / Plain / Custom coating	Customisation	Custom sizes and dimensions, material grade options, special coatings, private branding and bulk packaging
Standards / Specification	Manufactured as per industry standards or customer specifications; compliance documents available		

DESCRIPTION OF PARTS

Item No.	Quantity (Pcs)	Product Type / Components	Material	Finish	Product Image
1	As Per Actual	Anchor Body + Internal Expansion Mechanism + Collar / Flange Head	Carbon Steel / High Tensile Steel / Stainless Steel 304 / Stainless Steel 316	Zinc plated / Galvanised / Passivated / Custom	

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	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

The supplied technical specification defines material options, finishes, size range, components, manufacturing process and inspection requirements, but does not provide 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

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

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	Thread / Machining Verification	PASS — as applicable

Manufacturer's Declaration — This standard reference certificate describes the Canco Ceiling Anchor and the quality-control requirements stated in the supplied technical specification. 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. The supplied CAN Ceiling Anchor technical specification confirms the product description, components, material options, finishes, size range, manufacturing process and inspection requirements. Batch-specific MTCs reflecting actual heat/lot analysis are issued with confirmed customer orders and are available on request.

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