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MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT

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PRODUCT INFORMATION

Product Name	CANCO Projection Anchor (3 Leaf)	Reference Size	M6, M8, M10, M12, M16, M20 typical; various lengths
Product Category	Mechanical Expansion Anchor Bolt	Base Material	Carbon Steel / High Tensile Steel / Stainless Steel AISI 304 / AISI 316
Application	Structural steel fixing, machinery installation, construction anchoring, industrial support systems and heavy-duty fastening in concrete	Manufacturing Process	Cold forming / hot forging as applicable; precision thread rolling; controlled 3-leaf expansion sleeve forming; surface finishing & coating
Surface Finish	Zinc Plated (Yellow / White) / Hot-Dip Galvanised / Mechanical Galvanised / Plain / Self Colour / Custom coating	Customisation	Custom dimensions, material grade modification, special surface treatments, private-label packaging and bulk export configuration
Standards / Specification	Manufactured as per industry standards or customer-approved drawings; compliance documentation available upon request		

DESCRIPTION OF PARTS

Item No.	Quantity (Pcs)	Product Type / Components	Material	Finish	Product Image
1	As Per Actual	Threaded Bolt + 3-Leaf Expansion Sleeve + Hex Nut + Flat Washer + Cap	Carbon Steel / High Tensile Steel / Stainless Steel 304 / Stainless Steel 316	Zinc Plated / HDG / Mechanical Galvanised / Plain / 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	Thread Verification (Go / No-Go)	PASS
Silicon (Si)	As per selected material grade	Actual heat certificate	Visual Surface Inspection	PASS
Chromium (Cr)	As per selected material grade	Actual heat certificate	Pull-Out Testing	Upon request / project-specific
Nickel (Ni)	As per selected material grade	Actual heat certificate	Surface Finish Inspection	PASS — as ordered

The supplied technical specification defines the 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	Thread Verification	✓ PASS
Visual Inspection	✓ PASS	Pull-Out Testing	Where required
Expansion Sleeve Verification	✓ PASS — functional check	Material Certification	EN 10204 3.1 available upon request

Manufacturer's Declaration — This standard reference certificate describes the Canco Projection Anchor (3 Leaf) 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 Projection Bolt – 3 Leaf 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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