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MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT — SLEEVE ANCHOR BOLT

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PRODUCT INFORMATION

Product Name	CANCO Sleeve Anchor Bolt	Anchor Type	Mechanical expansion type; hook end configuration; through-bolt installation design
Product Description	Heavy-duty hook sleeve anchor bolt for secure fastening and suspending applications in solid concrete and masonry substrates	Size Range	Typical diameter M6 to M24; various lengths available by embedment requirement
Material Options	Carbon Steel; Stainless Steel AISI 304; Stainless Steel AISI 316; other grades subject to customer specification	Surface Finish	Zinc Plated; Hot-Dip Galvanised; Plain / Self-colour; Passivated for stainless steel; special coatings as specified
Manufacturing	Cold forming / machining of stud; sleeve fabrication and slotting; thread rolling; surface finishing and controlled coating	Standards	Relevant international anchor standards where applicable, or customer drawings/specifications

DESCRIPTION OF PARTS

Item No.	Quantity	Product Type / Components	Material	Finish	Product Image
1	As Per Actual	Hooked threaded stud + expansion sleeve + hex nut + flat washer	Carbon Steel / SS 304 / SS 316	As ordered	

MATERIAL / MECHANICAL PROPERTIES / TESTING

Item	Specification / Requirement	Verification	Status
Material Grade	Carbon Steel / SS 304 / SS 316 / other specified grade	Material certification	AS ORDERED
Dimensions	As per approved drawing / specified diameter and embedment length	Dimensional inspection	PASS / AS ORDERED
Thread	Thread dimensions and form as specified	Thread verification	PASS
Surface Coating	Zinc plated / HDG / plain / passivated / specified coating	Surface coating inspection	PASS
Pull-out Performance	Where required by application / project	Pull-out testing	IF APPLICABLE

The supplied technical specification does not provide batch-specific chemical analysis or numerical mechanical test values. Actual heat/lot values and test results shall be stated on the order-specific certificate where applicable.

LOAD CONSIDERATION & INSTALLATION

Load Consideration	Requirement
Load Capacity	Depends on base material strength, embedment depth, anchor diameter, spacing and edge distance.
Safe Working Load	To be determined as per engineering standards and project requirements.
Installation	Drill specified hole; clean dust/debris; insert anchor through fixture; tighten nut to specified torque to activate sleeve expansion.
Critical Parameters	Proper installation torque and embedment depth are critical for rated performance.

TESTING & INSPECTION

Inspection Item	Requirement	Status
Dimensional Inspection	Verify dimensions against approved drawing / specification	REQUIRED
Thread Verification	Verify thread form and dimensional conformity	REQUIRED
Surface Coating Inspection	Verify coating / passivation / surface condition	REQUIRED
Pull-out Testing	Conduct where required	IF APPLICABLE
Material Certification	EN 10204 3.1 available upon request	AVAILABLE

QUALITY INSPECTION

Raw Material Inspection	✓ PASS / AS ORDERED	Surface Coating Inspection	✓ PASS
Dimensional Inspection	✓ PASS	Thread Verification	✓ PASS
Visual Inspection	✓ PASS	Pull-out Testing	Where required / project-specific

Manufacturer's Declaration — This standard reference certificate describes the CANCO Sleeve Anchor Bolt and the product, material, manufacturing and inspection requirements stated in the supplied technical specification. Final material grade, dimensions, finish, traceability and test results 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.

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