



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

MATERIAL TEST CERTIFICATE
STANDARD REFERENCE DOCUMENT

Document No.	CANCO-MTC-DIA-REF	00	
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PRODUCT INFORMATION

Product Name	CANCO MS/SS Drop-In Anchor	Reference Size	Multiple metric sizes; final dimensions as per approved drawing / order
Product Category	Mechanical Expansion Drop-In Anchor	Base Material	Mild / Carbon Steel or Stainless Steel 304 / 316 as ordered
Application	Concrete fixing for suspended structures, equipment and support systems	Manufacturing Process	Precision machining; internal thread tapping; expansion slotting; surface finishing & coating
Surface Finish	Zinc plated / HDG / passivated stainless / custom as ordered	Customisation	Custom dimensions, material grade, surface treatment, packaging and private branding
Standards / Specification	Manufactured to international anchor standards or according to approved customer drawings / specifications		

DESCRIPTION OF PARTS

Item No.	Quantity (Pcs)	Product Type / Components	Material	Finish	Product Image
1	As Per Actual	Drop-In Anchor Body + Internal Thread + Expansion Slots / Wedge Mechanism	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 — specified tolerances / approved drawing
Manganese (Mn)	As per selected material grade	Actual heat certificate	Thread Verification	PASS — thread gauge / functional check
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
The attached technical specification does not provide product-specific chemical analysis, numerical mechanical values, exact dimensions or batch test results. Accordingly, these values are not invented in this standard reference certificate. Actual heat/lot values, dimensions and test results 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 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 MS/SS Drop-In 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.



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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