



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

MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT

Document No.	CANCO-MTC-BDIA-REF	00	
Issue Date	August 2026		1 of 1

PRODUCT INFORMATION

Product Name	CANCO Brass Drop-In Anchor	Reference Size	Multiple internal thread sizes; final dimensions as per approved drawing / order
Product Category	Internally Threaded Expansion Anchor	Base Material	Brass alloy suitable for the approved product specification / order
Application	Flush fixing point in concrete for bolts and threaded rods in non-cracked solid base material	Manufacturing Process	Precision machining / thread tapping; longitudinal slotting; knurling; inspection
Surface Finish	Natural brass finish; other requirements subject to approved order / specification	Customisation	Custom dimensions, internal thread, packaging and private branding subject to approval
Standards / Specification	Manufactured as per approved customer drawing / applicable anchor specification; intended for correct installation using the specified setting method		

DESCRIPTION OF PARTS

Item No.	Quantity (Pcs)	Product Type / Components	Material	Finish	Product Image
1	As Per Actual	Brass Anchor Sleeve + Internal Thread + Longitudinal Expansion Slots + Knurled Outer Surface	Brass alloy as specified on approved order / drawing	Natural brass	

CHEMICAL COMPOSITION (REFERENCE) / MECHANICAL PROPERTIES / TESTING

Element	Specification	Verification	Property / Test	Requirement / Status
Copper (Cu)	As per selected brass alloy grade	Actual material certificate	Dimensional Inspection	PASS — approved drawing / specification
Zinc (Zn)	As per selected brass alloy grade	Actual material certificate	Internal Thread Verification	PASS — thread gauge / functional check
Lead (Pb), if applicable	Only as permitted by selected alloy / order	Actual material certificate	Expansion / Setting Verification	PASS — functional check
Other Alloying Elements	As per selected brass alloy grade	Actual material certificate	Visual / Surface Inspection	PASS — clean and free from harmful defects
Mechanical Properties	As per selected material grade	Actual material / batch certificate	Load / Pull-Out Testing	Where required / project-specific

This standard reference certificate does not state batch-specific chemical analysis, mechanical values, exact dimensions or load ratings because these depend on the selected brass alloy, size and approved application. Actual heat/lot values and verified 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 Brass Drop-In Anchor and the quality-control framework for technical evaluation. Final brass alloy 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 material/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