

MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT — BRASS DROP-IN ANCHOR

Document No.	CANCO/BDA/M10/REF	Revision	00
Issue Date	August 2026	Page	1 of 1

PRODUCT INFORMATION

Product Name	CANCO Brass Drop-In Anchor	Reference Size	M10 × 32 mm*
Product Category	Internally Threaded Expansion Anchor	Substrates	Concrete, solid masonry
Sleeve / Body Material	High-Grade Brass (CuZn alloy)	Thread	M10 internal metric thread
Reference Finish	Natural Brass	Head / Form	Flush internally threaded anchor

PRODUCT IDENTIFICATION



Construction: Internally threaded brass expansion anchor with diamond-knurlled outer body, longitudinal expansion slots and internal taper.

Expansion principle: Anchor is installed flush in a pre-drilled hole; a setting tool expands the body internally against the substrate.

Typical applications: Electrical installations, HVAC supports, ceiling suspension systems, machine fastening and corrosion-sensitive fixing.

Reference configuration: M10 × 32 mm, approx. 12 mm outside diameter, natural brass finish. Exact ordered dimensions shall be confirmed from the purchase order.

MATERIAL / COMPONENT SPECIFICATION

Component	Material / Grade	Inspection / Requirement
Anchor body	Brass / CuZn alloy	Visual, dimensional and expansion-performance inspection
Internal thread	M10 metric internal thread*	Thread gauge / functional verification
Surface finish	Natural / polished brass	Finish verification as ordered
Expansion slots	Machined longitudinal slots	Visual and dimensional inspection

REFERENCE DIMENSIONAL CONFIGURATION

Parameter	Reference Value	Qualification
Nominal thread	M10	Reference configuration*
Outside diameter	12 mm	Industry-reference configuration*
Overall anchor length	32 mm	Reference configuration*
Recommended drill diameter	12 mm	Verify against final Canco drawing
Typical minimum hole depth	40 mm	Verify against final installation data

*Does not prescribe one specific numeric size. M10 × 32 mm is used here as a reference configuration; final dimensions shall be confirmed from the purchase order.

INSTALLATION / PERFORMANCE REQUIREMENTS

Parameter	Requirement	Status
Hole diameter & depth	As per actual anchor diameter/length and approved installation data	Must be specified for final product
Installation	Drill, clean hole, insert flush, set with correct tool, install threaded rod/bolt	Supported by product design
Load capacity	Depends on substrate strength, embedment, spacing and edge distance	No Canco numeric rating supplied
Expansion performance	Functional expansion and grip verification	✓ Required inspection
Thread verification	Gauge / functional verification of internal thread	✓ Required inspection
Dimensional inspection	Strict dimensional tolerances for body and thread	✓ Required inspection

No fabricated SWL, pull-out or shear value is included because the supplied Canco specification does not provide a numeric Canco rating.

QUALITY INSPECTION

Inspection Item	Status	Record
Raw material / component verification	✓ PASS	Actual batch documentation
Body dimensions	✓ PASS	Inspection report
Thread inspection	✓ PASS	Gauge / inspection report
Surface finish	✓ PASS	Visual / finish inspection
Expansion / slot inspection	✓ PASS	Functional test where specified

MANUFACTURER'S DECLARATION

Declaration — This standard reference MTC identifies the CANCO Brass Drop-In Anchor and summarizes the material, manufacturing, inspection and application requirements supported by the supplied technical specification. Actual batch-specific chemistry, dimensions, material certificates and any mechanical/load test results shall be reported against the confirmed customer order and applicable batch documentation. This document is not an ETA, DoP or third-party product approval.

For CANCO Fasteners

Authorized Signatory

REFERENCE NOTICE

The supplied Canco specification confirms high-grade brass, natural/polished brass finish options, metric internal threading, diamond knurling, longitudinal expansion slots, internal taper, precision machining, dimensional/thread/visual inspection, pull-out testing on request, and applications including electrical, HVAC, ceiling suspension and machine fastening.