

MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT — TIE ROD ANCHOR

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

PRODUCT INFORMATION

Product Name	CANCO Tie Rod Anchor	Reference Size	As per tie rod compatibility*
Product Category	Tie Rod Anchor / Formwork Anchoring Component	Substrates	Concrete, formwork and structural support systems
Body / Material	Carbon Steel / High Tensile Steel / Stainless Steel (304 / 316)	Thread	Threaded section; size as ordered
Reference Finish	Zinc Plated / Galvanised / Plain / Custom coating	Head / Form	Anchor body with bearing surface

PRODUCT IDENTIFICATION



Construction: Robust anchoring component used in conjunction with tie rods for formwork and structural support systems.

Load transfer principle: Provides strong load-bearing capability and secure fastening within concrete structures when correctly aligned and tightened.

Typical applications: Concrete formwork systems, structural anchoring, construction support systems and infrastructure projects.

Reference configuration: Available in multiple sizes as per tie rod compatibility. Exact ordered dimensions shall be confirmed from the purchase order.

MATERIAL / COMPONENT SPECIFICATION

Component	Material / Grade	Inspection / Requirement
Anchor body	Carbon Steel / High Tensile Steel / Stainless Steel	Visual, dimensional and material verification
Threaded section	As per ordered tie rod compatibility	Thread gauge / functional verification
Bearing surface	Integral anchor body	Visual and dimensional inspection
Surface finish	Zinc plated / galvanised / plain / custom finish	Finish verification as ordered

REFERENCE DIMENSIONAL CONFIGURATION

Parameter	Reference Value	Qualification
Tie rod compatibility	As ordered	Confirm against approved Canco drawing / purchase order
Anchor dimensions	Multiple sizes available	Exact dimensions to be confirmed from final order
Thread size	As per tie rod system	Verify against final product specification
Surface finish	As ordered	Verify against final finish requirement

INSTALLATION / PERFORMANCE REQUIREMENTS

Parameter	Requirement	Status
Alignment	Ensure proper alignment with tie rod system	Required
Installation	Securely tighten to achieve optimal load distribution	Supported by product design
Load capacity	Depends on substrate, embedment, spacing, edge distance and ordered configuration	No Canco numeric rating supplied
Thread verification	Gauge / functional verification of threaded section	✓ Required inspection
Dimensional inspection	Strict dimensional inspection of 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	✓ REQUIRED	Actual batch documentation
Body dimensions	✓ REQUIRED	Inspection report
Thread inspection	✓ REQUIRED	Gauge / inspection report
Surface finish	✓ REQUIRED	Visual / finish inspection
Load testing	ON REQUEST	Load test record where specified
Material certification	AVAILABLE	Material certification where specified

MANUFACTURER'S DECLARATION

Declaration — This standard reference MTC identifies the CANCO Tie Rod 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 carbon steel, high tensile steel and stainless steel material options; zinc plated, hot-dip galvanised, mechanical galvanised and plain finishes; anchor body, threaded section and bearing surface; forging/machining, thread rolling and surface finishing; dimensional, thread gauge, load testing on request and material certification; and applications including concrete formwork, structural anchoring,

