



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

MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT — ANCHOR BOLT (3 LEAF)

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PRODUCT INFORMATION

Product Name	CANCO Anchor Bolt - 3 Leaf	Anchor Type	Mechanical expansion anchor bolt with 3-leaf sleeve mechanism
Description	Heavy-duty 3 Leaf Anchor Bolt for secure anchoring in concrete, brick and solid masonry applications. The expansion mechanism provides mechanical grip and strong holding power when tightened.	Typical Sizes	M6, M8, M10, M12, M16, M20; custom sizes available
Material Options	Carbon Steel; High Tensile Steel; Stainless Steel AISI 304 / AISI 316; other grades subject to customer requirement	Surface Finishes	Zinc Plated (Yellow / White); Hot-Dip Galvanised; Mechanical Galvanised; Plain / Self Colour; custom coating
Applications	Structural steel fixing, machinery installation, construction anchoring and industrial support systems	Standards	Manufactured as per industry standards or customer-approved drawings

DESCRIPTION OF PARTS

Item No.	Quantity	Product Type / Components	Material	Finish	Product Image
1	As Per Actual	Threaded Bolt + 3-Leaf Expansion Sleeve + Hex Nut + Flat Washer	Carbon Steel / High Tensile Steel / SS 304 / SS 316	As ordered	

MATERIAL / MECHANICAL PROPERTIES / TESTING

Item	Specification / Requirement	Verification	Status
Material Grade	Carbon Steel / High Tensile Steel / SS 304 / SS 316	Material certification	AS ORDERED
Dimensions	As per approved drawing / specified diameter and length	Dimensional inspection	PASS / AS ORDERED
Thread	Thread form and dimensions as specified	Thread verification	PASS
Expansion Sleeve	3-leaf sleeve formed for uniform expansion against base material	Visual / functional inspection	PASS
Pull-out Performance	Pull-out testing optional / where required	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.

TESTING & INSPECTION

Inspection Item	Requirement	Status
Dimensional Inspection	Verify dimensions against approved drawing / specification	REQUIRED
Thread Verification	Verify thread form and dimensional conformity	REQUIRED
Visual Inspection	Inspect surface, sleeve and component condition	REQUIRED
Pull-out Testing	Conduct where required by application / project	OPTIONAL

INSTALLATION & APPLICATIONS

Installation	Drill hole, insert anchor, tighten nut to expand sleeve.
Expansion Action	Three expansion leaves spread uniformly against the base material to provide mechanical grip and secure fixation.
Applications	Structural steel fixing; machinery installation; construction anchoring; industrial support systems.

QUALITY INSPECTION

Raw Material Inspection	✓ PASS / AS ORDERED	Surface Finish Inspection	✓ PASS
Dimensional Inspection	✓ PASS	Thread Verification	✓ PASS
Visual Inspection	✓ PASS	Pull-out Testing	Optional / project-specific

Manufacturer's Declaration — This standard reference certificate describes the CANCO Anchor Bolt - 3 Leaf 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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