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MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT — HOLLOW BOLT

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PRODUCT INFORMATION

Product Name	CANCO Hollow Bolt	Product Type	Hollow threaded bolt for specialised fastening, internal passage and weight-reduction applications
Material Options	Carbon Steel; High Tensile Steel; Stainless Steel AISI 304 / AISI 316; other grades on requirement	Typical Sizes	M6, M8, M10, M12, M16, M20; custom diameters and lengths available
Surface Finish	Zinc Plated (Yellow / White); Hot-Dip Galvanised; Mechanical Galvanised; Plain / Self Colour; custom coating	Manufacturing	Cold forming / hot forging; precision machining of hollow core; thread rolling; surface finishing & coating
Applications	Hydraulic and fluid systems, industrial machinery, construction fastening, automotive assemblies and specialised engineering	Standards	Industry standards or customer-approved drawings; compliance documentation available on request

DESCRIPTION OF PARTS

Item No.	Quantity	Product Type / Components	Material	Finish	Product Image
1	As Per Actual	Hollow Threaded Bolt Body + Hex Head / Custom Head Type; Optional Washer / Nut if required	Carbon Steel / High Tensile Steel / SS 304 / SS 316	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 — approved drawing / specification
Manganese (Mn)	As per selected material grade	Actual heat certificate	Thread Verification	PASS
Silicon (Si)	As per selected material grade	Actual heat certificate	Visual Inspection	PASS
Phosphorus (P)	Applicable material specification	Actual heat certificate	Load Testing	Where required / project-specific
Sulphur (S)	Applicable material specification	Actual heat certificate	Material Test Certificate	Available upon request

The supplied Hollow Bolt technical specification provides material options, finishes, size range, components, manufacturing process, dimensional control and inspection requirements, but does not provide batch-specific chemical analysis or numerical mechanical values. Actual heat/lot values shall be stated on the order-specific certificate where applicable.

TESTING / INSPECTION REQUIREMENTS

Inspection Item	Requirement	Status
Dimensional Inspection	Verify specified dimensions and tolerances against applicable standard or approved drawing	REQUIRED
Thread Verification	Verify thread form and dimensional conformity	REQUIRED
Visual Inspection	Inspect finish and surface condition	REQUIRED
Load Testing	Conduct where required by project / application	IF APPLICABLE

Installation Note — Install using appropriate tools and recommended torque. Ensure the hollow bolt is compatible with the intended hydraulic, fluid, machinery, construction, automotive or specialised engineering application.

QUALITY INSPECTION

Raw Material Inspection	✓ PASS / AS ORDERED	Surface Finish Inspection	✓ PASS
Dimensional Inspection	✓ PASS	Thread Verification	✓ PASS
Visual Inspection	✓ PASS	Load Testing	Where required / project-specific

Manufacturer's Declaration — This standard reference certificate describes the CANCO Hollow Bolt 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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