INTERNATIONAL STANDARD

ISO 5857

Second edition 2008-08-15

Aerospace — Bolts, with MJ threads, made of alloy steel, strength class 1 250 MPa — Procurement specification

Aéronautique et espace — Vis à filetages MJ, en acier allié, de classe de résistance 1 250 MPa — Spécification d'approvisionnement

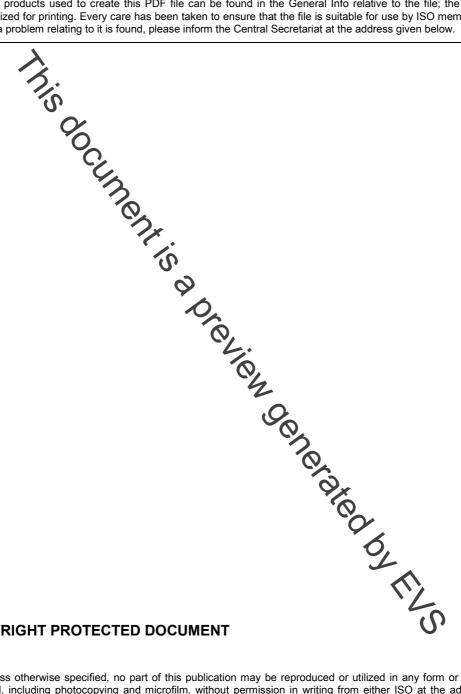


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Published in Switzerland

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reas and formulae

Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 5857 was prepared by Technical Committee ISO/TC 20, Aircraft and space vehicles, Subcommittee SC 4, Aerospace fastener systems.

This second edition cancels and replaces the first edition (ISO 5857:1988) which has been technically revised.

Aerospace — Bolts, with MJ threads, made of alloy steel, strength class 1 250 MPa — Procurement specification

1 Scope

This International Standard specifies the characteristics and quality assurance requirements for MJ thread bolts made of alloy steel, of strength class 1 250 MPa, for aerospace construction.

It is applicable whenever it is referenced in a definition document.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 2859-1:1999, Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

ISO 4288, Geometrical Product Specifications (GPS) — Surface texture: Profile method — Rules and procedures for the assessment of surface texture

ISO 5855-2, Aerospace — MJ threads — Part 2: Limit dimensions for bolts and nuts

ISO 6507-1, Metallic materials — Vickers hardness test — Rat.1: Test method

ISO 6508-1, Metallic materials — Rockwell hardness test — Party Test method (scales A, B, C, D, E, F, G, H, K, N, T)

ISO 6892, Metallic materials — Tensile testing at ambient temperature

ISO 7870-1, Control charts — Part 1: General guidelines

ISO 7961, Aerospace — Bolts — Test methods

ISO 7966, Acceptance control charts

ISO 8258, Shewhart control charts

ISO/TR 13425, Guidelines for the selection of statistical methods in standardization and specification

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