



ISO 7689

**Aerospace series — Bolts, with
MJ threads, made of alloy steel,
strength class 1 100 MPa —
Procurement specification**

*Série aérospatiale — Vis à filetages MJ, en acier allié, de classe de
résistance 1 100 MPa — Spécification d'approvisionnement*

**Third edition
2025-05**



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Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Quality assurance	3
4.1 General.....	3
4.2 Qualification inspection conditions.....	3
4.3 Acceptance inspection conditions.....	4
4.4 Use of "statistical process control (SPC)".....	4
5 Requirements	4
Annex A (informative) Cross sectional areas and formulae for tensile loads	18
Annex B (informative) Cross sectional areas and formulae for double shear loads	20
Bibliography	21

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

This third edition cancels and replaces the second edition (ISO 7689:2008), which has been technically revised.

The main changes compared to the previous edition are as follows:

- new tables for sampling;
- additional requirements in [Table 1](#), item no 2 "Dimensions";
- additional requirements in [Table 1](#), item no .4-1 "Tensile strength";
- additional requirements in [Table 1](#), item no 4-3 "Hardness";
- additional requirements in [Table 1](#), item no 4-4 "Recess removal torque";
- additional values in [Table 8](#) "Minimum loads for tensile and double shear tests" for protruding head;
- update of normative references.

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