

International Standard



8992

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Fasteners — General requirements for bolts, screws, studs and nuts

Éléments de fixation — Prescriptions générales relatives aux boulons, vis, goujons et écrous

First edition — 1986-12-01

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UDC 621.88

Ref. No. ISO 8992-1986 (E)

Descriptors : fasteners, bolts, screws, studs, nuts (fasteners), specifications.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8992 was prepared by Technical Committee ISO/TC 2, *Fasteners*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Fasteners — General requirements for bolts, screws, studs and nuts

1 Scope and field of application

This International Standard specifies the general requirements for standardized bolts, screws, studs and nuts; it complements the International Standards on dimensional and tolerance requirements, and the International Standards on mechanical and functional requirements.

It is recommended that this International Standard be used also for non-standardized bolts, screws, studs and nuts.

2 References

ISO 898, *Mechanical properties of fasteners —*

Part 1: Bolts, screws and studs.

Part 2: Nuts with specified proof load values.

Part 5: Set screws and similar threaded fasteners not under tensile stresses.

Part 6: Nuts with specified proof load values — Fine pitch thread.¹⁾

ISO 3269, *Fasteners — Acceptance inspection.*

ISO 3506, *Corrosion-resistant stainless steel fasteners — Specifications.*

ISO 4042, *Threaded components — Electroplated coatings components.¹⁾*

ISO 4759, *Tolerances for fasteners —*

Part 1: Bolts, screws and nuts with thread diameters $\geq 1,6$ and ≤ 150 mm and product grades A, B and C.

Part 2: Bolts, screws and nuts with thread diameters from 1 up to 3 mm and product grade F, for fine mechanics.

ISO 6157, *Fasteners — Surface discontinuities —*

Part 1: Bolts, screws and studs for general requirements.¹⁾

Part 2: Nuts with thread sizes M5 to M39.¹⁾

Part 3: Bolts, screws and studs for special requirements.¹⁾

ISO 8839, *Mechanical properties of fasteners — Bolts, screws, studs and nuts made of non-ferrous metals.*

¹⁾ At present at the stage of draft.