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Fasteners — Reverse-taper grooved pins — One quarter-length progressive grooves on both sides

Fixations — Goupilles cannelées inversées — Cannelures progressives sur le quart de la longueur à chaque extrémité

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Fasteners — Reverse-taper grooved pins — One quarter-length progressive grooves on both sides

1 Scope

This document specifies the characteristics of reverse-taper grooved pins with one quarter-length progressive grooves on both sides (with closed ends), in steel and stainless steel, and with nominal diameters 2 mm to 25 mm.

These grooved pins are designed to fulfil the main following functions:

— relative rotation of the assembled parts,

— locking of two (or more) parts

with an easy installation (due to its symmetrical shape) and a medium level of pull-out resistance (due to the elastic fit behaviour of the pin).

The general requirements (including functional principles for grooved pins and assembly) are specified in ISO 13669.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1891-4, *Fasteners — Vocabulary — Part 4: Control, inspection, delivery, acceptance and quality*

ISO 3269, *Fasteners — Acceptance inspection*

ISO 3506-6, *Fasteners — Mechanical properties of corrosion-resistant stainless steel fasteners — Part 6: General rules for the selection of stainless steels and nickel alloys for fasteners*

ISO 4042, *Fasteners — Electroplated coating systems*

ISO 9717, *Metallic and other inorganic coatings — Phosphate conversion coating of metals*

ISO 10683, *Fasteners — Non-electrolytically applied zinc flake coating systems*

ISO 13669, *Fasteners — Grooved pins — General requirements*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 13669 apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

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