

Third edition
2012-06-01

Mechanical properties of fasteners made of carbon steel and alloy steel —

Part 5:

Set screws and similar threaded fasteners with specified hardness classes — Coarse thread and fine pitch thread

Caractéristiques mécaniques des éléments de fixation en acier au carbone et en acier allié —

Partie 5: Vis sans tête et éléments de fixation filetés similaires de classes de dureté spécifiées — Filetages à pas gros et filetages à pas fin



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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Symbols and abbreviated terms	2
5 Designation system	3
6 Materials	3
7 Mechanical and physical properties	4
8 Applicability of test methods	5
8.1 Manufacturer's inspection	5
8.2 Supplier's inspection	5
8.3 Purchaser's inspection	5
9 Test methods	6
9.1 Hardness test	6
9.2 Decarburization test	7
9.3 Carburization test	10
9.4 Proof torque test for hexagonal socket set screws and hexalobular socket set screws of hardness class 45H	11
10 Marking	13
10.1 General	13
10.2 Manufacturer's identification mark	13
10.3 Marking set screws with hardness class	13
10.4 Marking of packages	13
Annex A (informative) Hydrogen embrittlement relief after electroplating of set screws	14
Bibliography	15

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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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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ISO 898-5 was prepared by Technical Committee ISO/TC 2, *Fastener*, Subcommittee SC 11, *Fasteners with metric external thread*.

This third edition cancels and replaces the second edition (ISO 898-5:1998), which has been technically revised.

ISO 898 consists of the following parts, under the general title *Mechanical properties of fasteners made of carbon steel and alloy steel*:

- *Part 1: Bolts, screws and studs with specified property classes — Coarse thread and fine pitch thread*
- *Part 2: Nuts with specified property classes — Coarse thread and fine pitch thread*
- *Part 5: Set screws and similar threaded fasteners with specified hardness classes — Coarse thread and fine pitch thread*
- *Part 6: Nuts with specified proof load values — Fine pitch thread*
- *Part 7: Torsional test and minimum torques for bolts and screws with nominal diameters 1 mm to 10 mm*