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Third edition  
2013-03-01

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# Implants for surgery — Metallic skeletal pins and wires —

## Part 1: General requirements

*Implants chirurgicaux — Fils et broches pour os —*

*Partie 1: Matériaux et propriétés mécaniques*



Reference number  
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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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 5838-1 was prepared by Technical Committee ISO/TC 150, *Implants for surgery*, Subcommittee SC 5, *Osteosynthesis and spinal devices*.

This third edition cancels and replaces the second edition (ISO 5838-1:1995), which has been technically revised to add to the requirements for finish ([Clause 6](#)), to add a reference to ISO 14630 and to introduce new requirements for sterilization ([Clause 7](#)), packaging ([Clause 8](#)) and information supplied by the manufacturer ([Clause 9](#)).

ISO 5838 consists of the following parts, under the general title *Implants for surgery — Metallic skeletal pins and wires*:

- *Part 1: General requirements*
- *Part 2: Steinmann skeletal pins - Dimensions*
- *Part 3: Kirschner skeletal wires*