INTERNATIONAL STANDARD



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Implants for surgery — Skeletal pins and wires —

Part 2:

iTeh Steinmann skeletaR pins E Dimensions (standards.iteh.ai)

Implants chirurgicaux — Fils et broches pour os — ISO 5838-2:1991 https://standardsRantie 2:aBroches de type Steinmann 570Dimensions 8340ad54a3e2/iso-5838-2-1991

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Reference number ISO 5838-2:1991(E)

Foreword

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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.

International Standard ISO 5838-2 was prepared by Technical Committee ISO/TC 150, Implants for surgery.

ISO 5838 consists of the following parts, under the <u>igeneral title</u> mplants for surgery — Skeletal pins and wires and itelaids. itel. ai/catalog/standards/sist/0e3152fd-4ac5-4570-a810-

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- Part 1: Material and mechanical requirements
- Part 2: Steinmann skeletal pins Dimensions
- Part 3: Kirschner skeletal pins Dimensions

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125 to 300

Implants for surgery — Skeletal pins and wires —

Part 2:

Steinmann skeletal pins - Dimensions

1 Scope

This part of ISO 5838 specifies the dimensions of Steinmann skeletal pins. Material and mechanical requirements are covered by ISO 5838-1.

Table 1 — Main dimensions of skeletal pinsTable 1 — Main dimensions of skeletal pinsTable 1 — Main dimensions of skeletal pinsDiameterLengthImage: Image: Image

4,5

5

2 Dimensions

Dimensions shall be in accordance with figure 1 to figure 5 and table 1 to table 3. All dimensions in this part of ISO 5838 are given in millimetres.



Figure 1 — Main dimensions of skeletal pins

3 Ends

3.1 General

One end of the pin shall be formed into a point. The end opposite the point shall comply with one of the forms A, B or C as given in 3.2, 3.3 and 3.4.

NOTE 2 It is recommended that the pointed end is as shown in figure 2.



Figure 2 — Recommended point of Steinmann skeletal pin

Diameter	
d	5
0 0,048	0 0,01
3,5	2,7
4	3,15
4,5	3,55
5	4

Table 2 — Dimensions of form B end

3.4 Form C — Triangular



4 Marking of packages

The length and diameter of Steinmann skeletal pins and the shape of the end (i.e. circular, square, triangular) shall be stated on the packaging.

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