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Implants for surgery — Metal intramedullary nailing systems —

Part 1: Intramedullary nails

*Implants chirurgicaux — Systèmes d'enclouage intramédullaire en
métal —*

Partie 1: Clous intramédullaires



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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Materials	4
5 Surface requirements	4
6 Marking	4
7 Product label	4
8 Design requirements for insertion and removal	4
Annex A (informative) ANSI B1.1 threads	8
Bibliography	9

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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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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 15142-1 was prepared by Technical Committee ISO/TC 150, *Implants for surgery*, Subcommittee SC 5, *Osteosynthesis and spinal devices*.

ISO 15142 consists of the following parts, under the general title *Implants for surgery — Metal intramedullary nailing systems*:

- *Part 1: Intramedullary nails*
- *Part 2: Locking components*
- *Part 3: Connection devices and reamer diameter measurements*

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Introduction

Intramedullary nailing is a method of fixation for temporary stabilization of long bones with reduced strength due to fractures or disease or both. Because of the wide variety of the devices, some illustrations are provided in this part of ISO 15142. Medical and engineering considerations influence the design of the different devices and the choice of a device for a particular clinical situation.

Nails are often, but not always, removed when they have completed their intended purpose of temporary stabilization.