

---

International Standard



5835 / 4

---

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

---

**Implants for surgery — Metal bone screws —  
Dimensions —  
Part 4: Screws with symmetrical thread, conical  
under-surfaces**

*Implants chirurgicaux — Vis métalliques pour os — Dimensions — Partie 4: Vis à filet symétrique, embase conique*

First edition — 1983-07-01

---

UDC 615.465 : 621.882.2

Ref. No. ISO 5835/4-1983 (E)

Descriptors : surgical implants, screws, screw threads, dimensions, dimensional tolerances.

Price based on 4 pages

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 5835/4 was developed by Technical Committee ISO/TC 150, *Implants for surgery*, and was circulated to the member bodies in May 1982.

It has been approved by the member bodies of the following countries:

Austria	India	Romania
Canada	Ireland	South Africa, Rep. of
China	Korea, Rep. of	Spain
Egypt, Arab Rep. of	Mexico	United Kingdom
France	New Zealand	USA
Germany, F.R.	Poland	USSR

The member body of the following country expressed disapproval of the document on technical grounds:

Australia

# Implants for surgery — Metal bone screws — Dimensions — Part 4: Screws with symmetrical thread, conical under-surfaces

## 1 Scope and field of application

This part of ISO 5835 specifies dimensions and tolerances for metal bone screws used in surgery, having symmetrical threads and heads with conical under-surfaces.

Both single slot and cruciate recess (which may be a modified Phillips socket) are specified as drive elements but not as alternatives.

## 2 Reference

ISO 1478, *Tapping screws thread*.

## 3 Code for screw thread

The following code shall be used to distinguish the type of thread of screws conforming to this International Standard:

Type of thread	Code
Symmetrical thread	HC