

Third edition  
2010-06-15

**AMENDMENT 1**  
2016-03-15

---

---

**Implants for surgery — Partial and  
total hip joint prostheses —**

**Part 4:  
Determination of endurance  
properties and performance of  
stemmed femoral components**

**AMENDMENT 1**

*Implants chirurgicaux — Prothèses partielles et totales de  
l'articulation de la hanche —  
Partie 4: Détermination des propriétés d'endurance et des  
performances des tiges fémorales*

*AMENDEMENT 1*



Reference number  
ISO 7206-4:2010/Amd.1:2016(E)

© ISO 2016

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 7206-4:2010/Amd 1:2016](https://standards.iteh.ai/catalog/standards/sist/0a7559d0-0fd7-4f0c-85e2-caced218b158/iso-7206-4-2010-amd-1-2016)  
<https://standards.iteh.ai/catalog/standards/sist/0a7559d0-0fd7-4f0c-85e2-caced218b158/iso-7206-4-2010-amd-1-2016>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Ch. de Blandonnet 8 • CP 401  
CH-1214 Vernier, Geneva, Switzerland  
Tel. +41 22 749 01 11  
Fax +41 22 749 09 47  
copyright@iso.org  
www.iso.org

## 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 150, *Implants for surgery*, Subcommittee SC 4, *Bone and joint replacements*.

ISO 7206-4:2010/Amd 1:2016

<https://standards.iteh.ai/catalog/standards/sist/0a7559d0-0fd7-4f0c-85e2-caced218b158/iso-7206-4-2010-amd-1-2016>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO 7206-4:2010/Amd 1:2016

<https://standards.iteh.ai/catalog/standards/sist/0a7559d0-0fd7-4f0c-85e2-caced218b158/iso-7206-4-2010-amd-1-2016>

# Implants for surgery — Partial and total hip joint prostheses —

Part 4:

## Determination of endurance properties and performance of stemmed femoral components

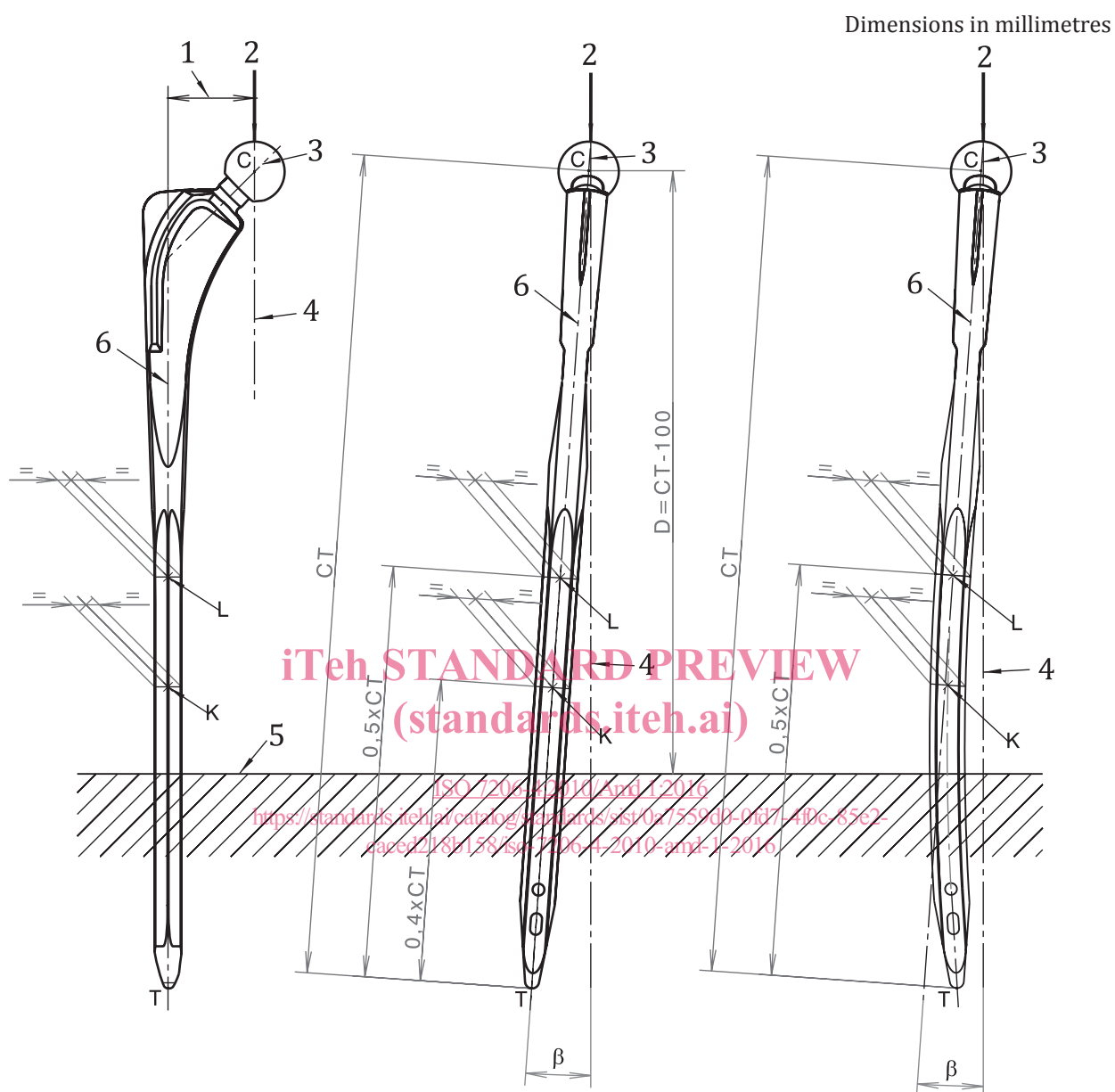
### AMENDMENT 1

*Page 12, Annex A*

Replace Figure A.6 with the figure below:

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 7206-4:2010/Amd 1:2016](https://standards.iteh.ai/catalog/standards/sist/0a7559d0-0fd7-4f0c-85e2-caced218b158/iso-7206-4-2010-amd-1-2016)  
<https://standards.iteh.ai/catalog/standards/sist/0a7559d0-0fd7-4f0c-85e2-caced218b158/iso-7206-4-2010-amd-1-2016>



**Key**

- |   |              |         |  |
|---|--------------|---------|--|
| 1 | head offset  | T       | most distal point of stem  |
| 2 | load point   | C       | centre of head   |
| 3 | neck axis    | K,L     | points at specific distances from T, which define the stem axis  |
| 4 | load axis    | $\beta$ | angle in the lateral plane perpendicular to CKL between the load axis 4 and the proximal part of stem axis 6 |
| 5 | cement level |         |  |
| 6 | stem axis KL |         |  |

**Figure A.6 — Orientation of specimen under test — Long stem hip joint component with a CT distance > 250 mm, straight and curved**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO 7206-4:2010/Amd 1:2016

<https://standards.iteh.ai/catalog/standards/sist/0a7559d0-0fd7-4f0c-85e2-caced218b158/iso-7206-4-2010-amd-1-2016>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO 7206-4:2010/Amd 1:2016  
<https://standards.iteh.ai/catalog/standards/sist/0a7559d0-0fd7-4f0c-85e2-caced218b158/iso-7206-4-2010-amd-1-2016>