

This is a preview of "ISO 13405-1:2015". [Click here to purchase the full version from the ANSI store.](#)

Second edition
2015-01-15

Prosthetics and orthotics — Classification and description of prosthetic components —

Part 1: Classification of prosthetic components

*Prothèses et orthèses — Classification et description des composants
de prothèses —*

Partie 1: Classification des composants de prothèses



Reference number
ISO 13405-1:2015(E)

© ISO 2015

This is a preview of "ISO 13405-1:2015". [Click here to purchase the full version from the ANSI store.](#)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2015

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
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

This is a preview of "ISO 13405-1:2015". [Click here to purchase the full version from the ANSI store.](#)

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Terms and definitions	1
3 Classification	2
3.1 General.....	2
3.2 Interface components.....	2
3.3 Functional components.....	2
3.4 Alignment components.....	3
3.5 Structural components (prosthetic construction).....	3
3.6 Finishing (cosmetic) components.....	3

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).

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).

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 168, *Prosthetics and orthotics*.

This second edition cancels and replaces the first edition (ISO 13405-1:1996), which has been technically revised with the following changes:

- a) liner added to the list of interface components;
- b) functional components divided into lower and upper limb and listed.

ISO 13405 consists of the following parts, under the general title *Prosthetics and orthotics — Classification and description of prosthetic components*:

- *Part 1: Classification of prosthetic components*
- *Part 2: Description of lower limb prosthetic components*
- *Part 3: Description of upper limb prosthetic components*

This is a preview of "ISO 13405-1:2015". [Click here to purchase the full version from the ANSI store.](#)

Introduction

This part of ISO 13405 was the first internationally accepted standard method of classifying the components of prostheses. It is designed to permit the users to classify systematically each component which is incorporated in a finished prosthesis. This part of 13405 is envisaged as being suitable for use by both manufacturers producing literature describing their products and practitioners who are reporting on the components used in the treatment of persons requiring prosthesis.