

Third edition  
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# Polygonal taper interface with flange contact surface —

## Part 1: Dimensions and designation of shanks

*Interfaces à cône polygonal avec face d'appui —*

*Partie 1: Dimensions et désignation des queues*



Reference number  
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## Foreword

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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)).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 9, *Tools with defined cutting edges, holding tools, cutting items, adaptive items and interfaces*.

This third edition cancels and replaces the second edition ISO 26623-1:2014, which has been technically revised.

The main changes compared to the previous edition are as follows:

- size 80X is removed;
- Figure 1 is divided in 6 figures to achieve better readability;
- internal design is changed to fit medium-transfer unit referenced (ISO 22402-2);
- information about medium-transfer unit is added;
- dimensions for dynamical balancing by design when used are added in [Annex A](#);

A list of all parts in the ISO 26623 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).