

Fasteners - Ends of parts with external ISO metric thread (ISO 4753:2011)

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NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 4753:2011 sisaldab Euroopa standardi EN ISO 4753:2011 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 4753:2011 consists of the English text of the European standard EN ISO 4753:2011.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 01.11.2011.	Date of Availability of the European standard is 01.11.2011.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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English Version

Fasteners - Ends of parts with external ISO metric thread (ISO 4753:2011)

Éléments de fixation - Extrémités des éléments à filetage
extérieur métrique ISO (ISO 4753:2011)

Mechanische Verbindungselemente - Enden von Teilen mit
metrischem ISO-Außengewinde (ISO 4753:2011)

This European Standard was approved by CEN on 31 October 2011.

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COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN ISO 4753:2011) has been prepared by Technical Committee ISO/TC 2 "Fasteners" in collaboration with Technical Committee CEN/TC 185 "Fasteners" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 4753:1999.

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Endorsement notice

The text of ISO 4753:2011 has been approved by CEN as a EN ISO 4753:2011 without any modification.

Fasteners — Ends of parts with external ISO metric thread

1 Scope

This International Standard specifies the form and dimensions of ends of parts with external ISO metric screw thread (e.g. bolt, screw and stud ends) recommended for use. They apply to standardized or non-standardized threaded parts.

For each end type, a symbol is specified and it is intended that these symbols be used when specifying one of the ends for threaded fasteners.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 225, *Fasteners — Bolts, screws, studs and nuts — Symbols and descriptions of dimensions*

ISO 4027, *Hexagon socket set screws with cone point*

3 Dimensions

3.1 General

See Figures 1 and 2 and Tables 1 to 4.

Symbols and descriptions of dimensions are specified in ISO 225.