



This is a preview of ISO 4027:2026. [Click here to purchase the full version from the ANSI store.](#)

Fasteners — Hexagon socket set screws with truncated cone point

Fixations — Vis sans tête à six pans creux, à bout tronconique

ISO 4027

**Fourth edition
2026-02**



COPYRIGHT PROTECTED DOCUMENT

© ISO 2026

All rights reserved. Unless otherwise specified, or required in the context of its implementation, 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
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

This is a preview of ISO 4027:2026. [Click here to purchase the full version from the ANSI store.](#)

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Dimensions	2
5 Requirements and reference International Standards	5
6 Marking and labelling	6
6.1 Marking on product.....	6
6.2 Labelling on package.....	6
7 Designation	6
Bibliography	7

This is a preview of ISO 4027:2026. [Click here to purchase the full version from the ANSI store.](#)

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 document 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).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

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

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.

This document was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 11, *Fasteners with metric external thread*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 185, *Fasteners*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 4027:2003), which has been technically revised.

The main changes are as follows:

- Title and Scope have been changed from “cone point” to “truncated cone point”;
- M30 has been added for steel hexagon socket set screws;
- the determination of $d_{t,\min}$ has been defined by formulae and logical tolerance classes according to the ranges of $d_{t,\max}$ have been applied;
- approximate masses have been deleted in [Table 2](#);
- non-ferrous metal screws have been deleted (as a consequence of the withdrawal of ISO 8839);
- for stainless steel fasteners, “Plain” has been changed to “Clean and bright”, and “Passivated” has been added in [Table 3](#);
- specifications for marking and labelling have been added as [Clause 6](#).

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.