



BSI Standards Publication

**Assembly tools for screws and nuts —
Single-head engineer's wrenches for lower
torque applications — Maximum outside
dimensions of heads and test torques**

National foreword

This British Standard is the UK implementation of ISO 4229:2017. It supersedes BS ISO 4229:2009, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MTE/15, Hand tools.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

ISBN 978 0 580 89994 2

ICS 25.140.30

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 April 2017.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

INTERNATIONAL STANDARD

ISO
4229

Third edition
2017-04-01

Assembly tools for screws and nuts — Single-head engineer's wrenches for lower torque applications — Maximum outside dimensions of heads and test torques

*Outils de manoeuvre pour vis et écrous — Clés à fourche simples
pour applications aux couples plus faibles — Dimensions extérieures
maximales d'encombrement des têtes et couples d'essai*



Reference number
ISO 4229:2017(E)
Documents
Document Sharing Hub
© ISO 2017



COPYRIGHT PROTECTED DOCUMENT

© ISO 2017, 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

Contents

Page

Foreword	1
1 Scope	1
2 Normative references	2
3 Terms and definitions	2
4 Maximum outside dimensions of heads	2
5 Technical specifications	4
5.1 Hardness	4
5.2 Torque testing	4
6 Designation	4
7 Marking	4
Bibliography	5