



BSI Standards Publication

Connections for fluid power and general use - Ports and stud ends with ISO 261 metric threads and O-ring sealing

Part 4: Dimensions, design, test methods and requirements for external hex and internal hex port plugs (ISO 6149-4:2017)

National foreword

This British Standard is the UK implementation of EN ISO 6149-4:2017. It is identical to ISO 6149-4:2017. It supersedes BS EN ISO 6149-4:2014, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/18/-/4, Connectors and associated components.

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.

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Amendments/corrigenda issued since publication

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English Version

Connections for fluid power and general use - Ports and
stud ends with ISO 261 metric threads and O-ring sealing -
Part 4: Dimensions, design, test methods and
requirements for external hex and internal hex port plugs
(ISO 6149-4:2017)

Raccordements pour transmissions hydrauliques et
applications générales - Orifices et éléments mâles à
filetage métrique ISO 261 et joint torique - Partie 4:
Dimensions, conception, méthodes d'essai et exigences
des bouchons d'orifice à six pans externes et à six pans
internes (ISO 6149-4:2017)

This European Standard was approved by CEN on 7 September 2017.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 6149-4:2017) has been prepared by Technical Committee ISO/TC 131 “Fluid power systems” in collaboration with Technical Committee ECISS/TC 110 “Steel tubes, and iron and steel fittings” the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by March 2018 and conflicting national standards shall be withdrawn at the latest by March 2018.

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

This document supersedes EN ISO 6149-4:2014.

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Endorsement notice

The text of ISO 6149-4:2017 has been approved by CEN as EN ISO 6149-4:2017 without any modification.

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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).

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This document was prepared by ISO/TC 131, *Fluid power systems, SC 4, Connectors and similar products and components*.

This second edition cancels and replaces the first edition (ISO 6149-4:2006), of which it constitutes a minor revision.

The main change since last version is the addition of a warning statement about the hazards of intermixing of stud ends with the various port types.