
International Standard



273

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Fasteners — Clearance holes for bolts and screws

Éléments de fixation — Trous de passage pour boulons et vis

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Descriptors : fasteners, screws, dimensions, bolts, hole size, dimensional tolerances.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 273 was developed by Technical Committee ISO/TC 2, *Fasteners*, and was circulated to the member bodies in December 1977.

It has been approved by the member bodies of the following countries :

Australia	Hungary	New Zealand
Belgium	India	Norway
Bulgaria	Ireland	Romania
Canada	Italy	Spain
Czechoslovakia	Japan	Sweden
Denmark	Korea, Dem. P. Rep. of	Switzerland
Finland	Korea, Rep. of	Turkey
France	Mexico	USA
Germany, F. R.	Netherlands	Yugoslavia

The member bodies of the following countries expressed disapproval of the document on technical grounds :

South Africa, Rep. of
United Kingdom
USSR

This International Standard cancels and replaces ISO Recommendation R 273-1962 of which it constitutes a technical revision.

Fasteners — Clearance holes for bolts and screws

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies clearance hole diameters for general purpose applications. These values result from bearing area calculations in connection with ISO bolt and nut product standards.

NOTE — Clearance holes for special applications should be selected on the basis of design requirements.