

2017

INTERNATIONAL STANDARD



545

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

## Filler rods, other than drawn or extruded, for welding — Lengths and tolerance

*Métaux d'apport non tréfilés — Longueurs et tolérance*

First edition — 1975-06-01 **iTeh STANDARD PREVIEW**  
(standards.iteh.ai)

[ISO 545:1975](https://standards.iteh.ai/catalog/standards/sist/c7c0a89d-1166-4454-b62b-bf525b1a8e37/iso-545-1975)

<https://standards.iteh.ai/catalog/standards/sist/c7c0a89d-1166-4454-b62b-bf525b1a8e37/iso-545-1975>

UDC 621.791.042-181

Ref. No. ISO 545-1975 (E)

**Descriptors** : welding, filler metal, welding rods, dimensions, length, dimensional tolerances.

Price based on 1 page

## 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.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 44 has reviewed ISO Recommendation R 545 and found it technically suitable for transformation. International Standard ISO 545 therefore replaces ISO Recommendation R 545-1967 to which it is technically identical.

ISO Recommendation R 545 was approved by the Member Bodies of the following countries :

Australia	Germany	Poland
Austria	India	Romania
Belgium	Israel	South Africa, Rep. of
Bulgaria	Italy	Spain
Denmark	Japan	Sweden
Finland	Netherlands	Switzerland
France	Norway	United Kingdom

The Member Bodies of the following countries expressed disapproval of the Recommendation on technical grounds :

Canada\*  
U.S.S.R.

No Member Body disapproved the transformation of ISO/R 545 into an International Standard.

\* Subsequently, this Member Body approved the Recommendation.

# Filler rods, other than drawn or extruded, for welding — Lengths and tolerance

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard lays down the lengths and tolerance for filler rods, other than drawn or extruded, for welding.

<https://standards.iteh.ai/catalog/standards/sist/c7c0a89d-1166-4454-b62b-bf525b1a8e37/iso-545-1975>

## 2 LENGTHS

Dimensions in millimetres

Length
315
500
630
1 000

## 3 TOLERANCE ON LENGTHS

± 5 %.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 545:1975](#)

<https://standards.iteh.ai/catalog/standards/sist/c7c0a89d-1166-4454-b62b-b525b1a8e37/iso-545-1975>