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INTERNATIONAL STANDARD



546

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

Drawn or extruded filler rods for welding, supplied in straight lengths — Lengths and tolerance

Métaux d'apport tréfilés livrés en longueurs droites — Longueurs et tolérance

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ISO 546:1975

<https://standards.iteh.ai/catalog/standards/sist/68fe5e97-9ffc-415e-8808-6d7fe79a9b34/iso-546-1975>

UDC 621.791.042-181

Ref. No. ISO 546-1975 (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 546 and found it technically suitable for transformation. International Standard ISO 546 therefore replaces ISO Recommendation R 546-1967 to which it is technically identical.

ISO Recommendation R 546 was approved by the Member Bodies of the following countries :

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

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

Canada*
Norway

No Member Body disapproved the transformation of ISO/R 546 into an International Standard.

* Subsequently, this Member Body approved the Recommendation.

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1 SCOPE AND FIELD OF APPLICATION

This International Standard lays down the lengths and tolerance for drawn or extruded filler rods for welding, supplied in straight lengths.

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2 LENGTHS

Dimensions in millimetres

Diameter	Length
< 2,5	500
	1 000
≥ 2,5	1 000

3 TOLERANCE ON LENGTHS

± 5 mm

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