
International Standard



5828

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

Resistance welding equipment — Secondary connecting cables with terminals connected to water-cooled lugs — Dimensions and characteristics

Équipements de soudage par résistance — Câbles de raccordement secondaires avec extrémités raccordées à des plages refroidies par eau — Dimensions et caractéristiques

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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 developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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 5828 was developed by Technical Committee ISO/TC 44, *Welding and allied processes*, and was circulated to the member bodies in December 1981.

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

Belgium	Germany, F.R.	Romania
Brazil	India	Spain
Bulgaria	Italy	Sri Lanka
Canada	Korea, Dem. P. Rep. of	Sweden
Egypt, Arab Rep. of	Korea, Rep. of	Switzerland
Finland	New Zealand	USA
France	Norway	USSR

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

Ireland
Japan
United Kingdom

Resistance welding equipment — Secondary connecting cables with terminals connected to water-cooled lugs — Dimensions and characteristics

1 Scope and field of application

This International Standard specifies dimensions and characteristics of secondary connecting cables which are air-cooled over their length and with terminals connected to water-cooled lugs.

The secondary connecting cables are used for connection between the secondary terminals of a welding transformer and the electrode holders.

2 Reference

ISO 1337, *Wrought coppers (having minimum copper contents of 99,85 %) — Chemical composition and forms of wrought products.*

3 Classification

The secondary connecting cables are classified into flexible (F) and highly flexible types (HF) depending on diameter of wire (see clause 7).