
International Standard



5827

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

Spot welding — Electrode back-ups and clamps

Machines à souder par points — Équipements inférieurs et brides de serrage

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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.

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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 5827 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*.

Spot welding — Electrode back-ups and clamps

1 Scope and field of application

This International Standard lays down the dimensions and specifies characteristics of spot welding electrode back-ups and clamps.

2 References

ISO 426/2, *Wrought copper-zinc alloys — Chemical composition and form of wrought products — Part 2 : Leaded copper-zinc alloys*.

ISO 1302, *Technical drawings — Method of indicating surface texture on drawings*.

ISO 5182, *Materials for resistance welding electrodes and ancillary equipment*.

3 Dimensions

3.1 Back-up profile (semi-finished product)

The dimensions of the back-up profile (semi-finished product) shall be as shown in figure 1.

3.1.1 Material

The material shall be A 1/1, as specified in ISO 5182.

3.1.2 Designation

The designation shall consist, in order, of the words "back-up profile", the number of this International Standard, the form letter and the length of the back-up profile.

Example : a back-up profile form A and a length of 2 000 mm :

Back-up profile ISO 5827 A 2 000

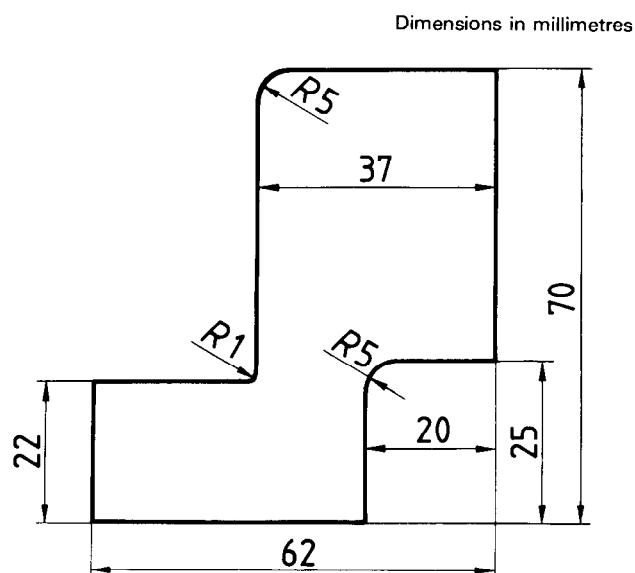


Figure 1 — Dimensions of the back-up profile — Form A