

# INTERNATIONAL STANDARD

ISO  
5822

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

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## **Spot welding equipment — Taper plug gauges and taper ring gauges**

*Matériel de soudage par points — Calibres coniques mâles et calibres coniques femelles*

Reference number  
ISO 5822 : 1988 (E)

## 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 5822 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*.

This second edition cancels and replaces the first edition (ISO 5822 : 1982), clause 4 of which has been technically revised.

# Spot welding equipment — Taper plug gauges and taper ring gauges

## 1 Scope

This International Standard specifies requirements for taper plug and ring gauges used for the checking of type A, B and C tapers according to ISO 1089.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 286-1 : 1988, *ISO system of limits and fits — Part 1: Bases of tolerances, deviations and fits.*

ISO 1089 : 1980, *Electrode taper fits for spot welding equipment — Dimensions.*

ISO 1302 : 1978, *Technical drawings — Method of indicating surface texture on drawings.*

ISO 1947 : 1973, *System of cone tolerances for conical workpieces from  $C = 1 : 3$  to  $1 : 500$  and lengths from 6 to 630 mm.*

ISO 3670 : 1979, *Blanks for plug gauges and handles (taper lock and trilock) and ring gauges — Design and general dimensions.*

## 3 Definitions

**3.1 type A tapers:** Type A tapers are those suitable for straight thrust.

**3.2 type B tapers:** Type B tapers are those suitable for eccentric loading.

**3.3 type C tapers:** Type C tapers are those suitable for electrode caps.