
INTERNATIONAL STANDARD



2400

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

Welds in steel — Reference block for the calibration of equipment for ultrasonic examination

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Descriptors : welded joints, nondestructive tests, ultrasonic tests, calibrating, blocks.

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.

International Standard ISO 2400 was drawn up by Technical Committee ISO/TC 44, *Welding*.

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It was approved in November 1971 by the Member Bodies of the following countries :

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South Africa, Rep. of

Austria	India	Spain
Belgium	Ireland	Sweden
Canada	Israel	Switzerland
Czechoslovakia	Italy	Thailand
Egypt, Arab Rep. of	Netherlands	Turkey
Finland	New Zealand	United Kingdom
France	Norway	U.S.S.R.
Germany	Romania	

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

Japan
U.S.A.

Welds in steel – Reference block for the calibration of equipment for ultrasonic examination

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the characteristics of the reference block used for the calibration of equipment for ultrasonic examination of welds in steel.

- killed mild steel produced by open-hearth or electric furnace;
- normalized condition;
- grain size corresponding to McQuaid-Ehn No. 5 or finer.

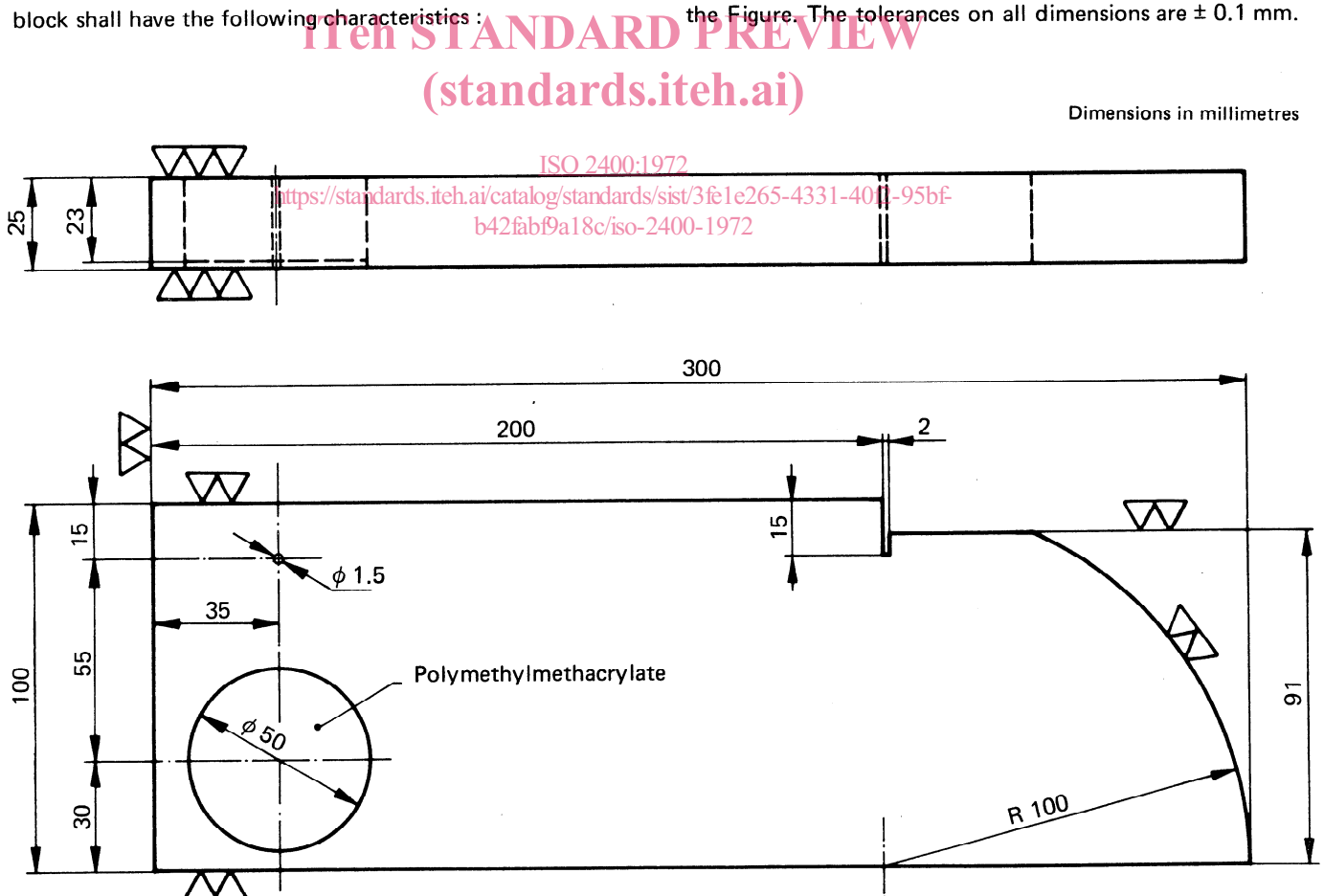
2 CHARACTERISTICS

2.1 Material

The steel to be used for manufacture of the reference block shall have the following characteristics:

2.2 Dimensions

The reference block shall have the dimensions indicated in the Figure. The tolerances on all dimensions are ± 0.1 mm.



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