

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION

### R 80

ROCKWELL HARDNESS TEST  
(B AND C SCALES)  
FOR STEEL

1st EDITION  
February 1959

ISO 6508

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Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

## BRIEF HISTORY

The ISO Recommendation R 80, *Rockwell Hardness Test (B and C Scales) for Steel*, was drawn up by Technical Committee ISO/TC 17, *Steel*, the Secretariat of which is held by the British Standards Institution (B.S.I.).

At the first meeting of ISO/TC 17, held in London, in June 1950, the Secretariat submitted a first draft proposal for the Rockwell hardness test, based on a document which had been drawn up by the former International Federation of the National Standardizing Associations (ISA). The Technical Committee instructed its Working Group No. 1, *Methods of Mechanical Testing for Steel*, to examine this draft proposal and to prepare a new version of it, taking into account certain observations put forward by Member Bodies.

In February 1952, the Working Group submitted a second draft proposal, which was discussed at the second plenary meeting of ISO/TC 17, held in New York, in June 1952, and which was passed back to the Working Group so that it might include therein data on tolerances.

The third draft proposal, submitted by the Working Group in August 1953, was studied by the Technical Committee during its third plenary meeting, held in London, in December 1953, along with the comments of the Member Bodies. The ISO/TC 17 Secretariat was then assigned to draw up a fourth draft proposal incorporating the changes voted during the meeting, and this was circulated in April 1954.

The comments of the Member Bodies on this fourth draft proposal were discussed at the fourth plenary meeting, held in Stockholm, in June 1955, and the Technical Committee decided to adopt it, subject to a few amendments, as a Draft ISO Recommendation.

On 28 September 1956, this Draft ISO Recommendation (No. 119) was distributed to all the ISO Member Bodies and was approved, subject to a few modifications of details, by the following Member Bodies:

|                |             |             |
|----------------|-------------|-------------|
| *Australia     | France      | Pakistan    |
| Belgium        | *Greece     | Poland      |
| Bulgaria       | Hungary     | Portugal    |
| *Canada        | *Ireland    | Spain       |
| Chile          | Italy       | Sweden      |
| Czechoslovakia | Japan       | Switzerland |
| Denmark        | Netherlands | U.S.S.R.    |
| Finland        | Norway      | Yugoslavia  |

One Member Body opposed the approval of the Draft: Austria.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in February 1959, to accept it as an ISO RECOMMENDATION.

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\* These Member Bodies stated that they had no objection to the Draft being approved.