

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1302

TECHNICAL DRAWINGS

METHOD OF INDICATING SURFACE TEXTURE ON DRAWINGS

1st EDITION

January 1971

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BRIEF HISTORY

The ISO Recommendation R 1302, *Technical drawings – Method of indicating surface texture on drawings*, was drawn up by Technical Committee ISO/TC 10, *Drawings (General principles)*, the Secretariat of which is held by the Association Suisse de Normalisation (SNV).

Work on this question led to the adoption of Draft ISO Recommendation No. 1302, which was circulated to all the ISO Member Bodies for enquiry in August 1967. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Austria	Iran	Romania
Brazil	Israel	South Africa, Rep. of
Canada	Italy	Spain
Czechoslovakia	Japan	Sweden
Denmark	Korea, Rep. of	Switzerland
Finland	Netherlands	Thailand
Germany	New Zealand	U.A.R.
Greece	Norway	United Kingdom
Hungary	Poland	U.S.S.R.
India	Portugal	

The following Member Bodies opposed the approval of the Draft :

Australia
Belgium
France
U.S.A.

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

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TECHNICAL DRAWINGS

METHOD OF INDICATING SURFACE TEXTURE ON DRAWINGS

1. SCOPE

This ISO Recommendation specifies the symbols and additional indications of surface texture to be indicated on technical drawings.

NOTE. – For uniformity all figures in this ISO Recommendation are in first angle projection (Method E). It should be understood that the third angle projection (Method A) could equally well have been used without prejudice to the principles established.

2. SYMBOLS USED FOR INDICATION OF SURFACE TEXTURE

- 2.1 The basic symbol consists of two legs of unequal length inclined at approximately 60° to the line representing the considered surface as shown in Figure 1.

This symbol alone has no meaning except as in clauses 4.4 and 4.6.

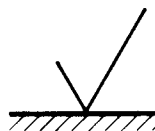


FIG. 1

- 2.2 If the removal of material by machining is required, a bar is added to the basic symbol, as shown in Figure 2.



FIG. 2

- 2.3 If the removal of material is not permitted, a circle is added to the basic symbol, as shown in Figure 3.



FIG. 3