

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 563

KNIFE SECTIONS OF MOWER CUTTER BARS

1st EDITION

April 1967

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BRIEF HISTORY

The ISO Recommendation R 563, *Knife sections of mower cutter bars*, was drawn up by Technical Committee ISO/TC 23, *Agricultural machines*, the Secretariat of which is held by Repartição de Normalização (IGPAI).

Work on this question by the Technical Committee began in 1952 and led, in 1961, to the adoption of a Draft ISO Recommendation.

In January 1965, this Draft ISO Recommendation (No. 776) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies:

Argentina	Morocco	Sweden
Austria	Netherlands	Switzerland
Chile	Poland	Turkey
France	Portugal	U.A.R.
Hungary	Romania	U.S.A.
Israel	Spain	U.S.S.R.

Seven Member Bodies opposed the approval of the Draft:

Canada	Italy
Czechoslovakia	Japan
Finland	United Kingdom
Germany	

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in April 1967, to accept it as an ISO RECOMMENDATION.

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KNIFE SECTIONS OF MOWER CUTTER BARS

1. SCOPE

This ISO Recommendation establishes the characteristics and dimensions of the knife sections of mower cutter bars.

2. CHARACTERISTICS OF STEEL

2.1 Carbon minimum: 0.70 %.

2.2 Rockwell hardness:

- (a) *Hardened zone*, 50 to 60 HRC measured parallel to the cutting edge, on a line 7 to 10 mm distant from the edge (see points 2, 3, 4, 5 and 6 of Fig. 2, page 6).
- (b) *Non-hardened zone*, 36 HRC maximum (see points 1, 7, 8 and 9 of Fig. 2).

3. KNIFE DIMENSIONS

The dimensions are those indicated in the Table on page 7, referring to Figure 1, page 6.

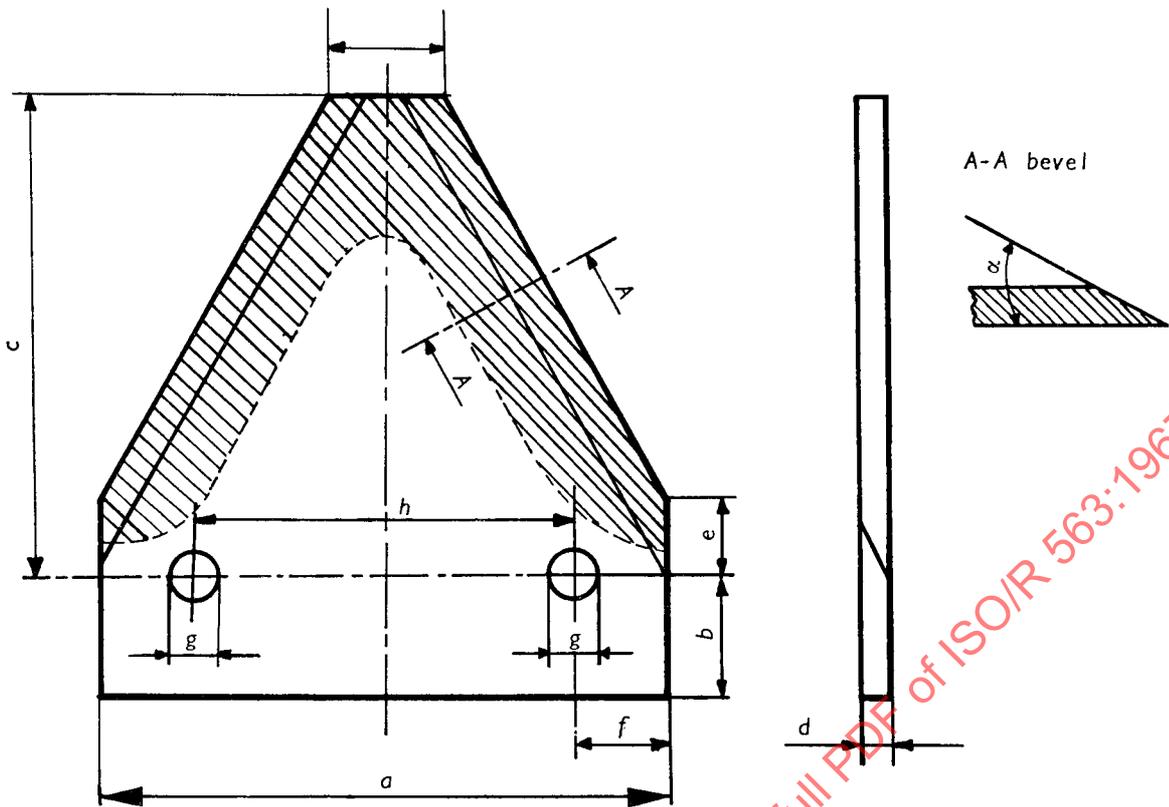


FIG. 1 — Knife dimensions

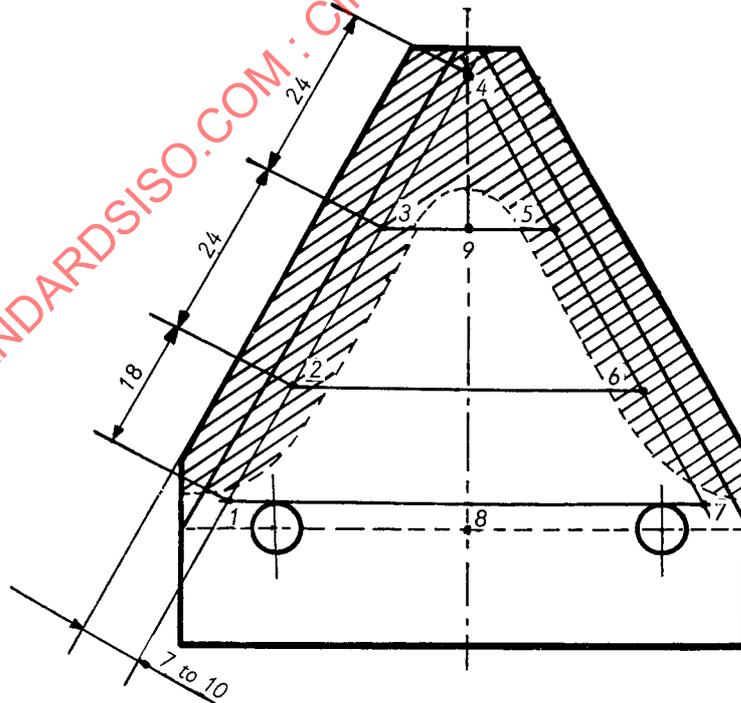


FIG. 2 — Points for measurements of hardness