

Transformed

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 1057

INTERCHANGEABLE PUNCHED TAPE VARIABLE BLOCK FORMAT
FOR POSITIONING AND STRAIGHT-CUT
NUMERICALLY CONTROLLED MACHINES

1st EDITION

April 1969

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BRIEF HISTORY

The ISO Recommendation R 1057, *Interchangeable punched tape variable block format for positioning and straight-cut numerically controlled machines*, was drawn up by Technical Committee ISO/TC 97, *Computers and information processing*, the Secretariat of which is held by the American National Standards Institute (ANSI).

Work on this question led to the adoption of a Draft ISO Recommendation.

In August 1967, this Draft ISO Recommendation (No. 1317) 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 :

Australia	Israel	Sweden
Belgium	Japan	Switzerland
Czechoslovakia	Netherlands	Turkey
Denmark	New Zealand	U.A.R.
France	Poland	United Kingdom
Germany	Portugal	U.S.A.
Iran	Spain	

One Member Body opposed the approval of the Draft :

Italy

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in April 1969, to accept it as an ISO RECOMMENDATION.

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INTRODUCTION

The preparation of this ISO Recommendation has revealed the availability of a wide range of formats. Providing full interchangeability would lead, in many instances, to unwarranted and expensive equipment.

Accordingly, it was found better to draft two ISO Recommendations, namely :

- this ISO Recommendation, providing for interchangeability of input media for machines with compatible characteristics;

NOTE. – The degree of interchangeability will depend upon the conformity of machines with respect to function, capacity, range, horsepower, geometric relationship of the axes and preparatory, miscellaneous and tooling functions.

- ISO Recommendation R 1058, *Punched tape variable block format for positioning and straight-cut numerically controlled machines*, which is consistent with this ISO Recommendation, and which specifies the rules providing a minimum of uniformity in the manufacture of input media.

1. SCOPE

- 1.1 This ISO Recommendation concerns the variable block format punched tapes, with tabulation and addresses, for positioning and straight-cut machining; it is intended to
 - (a) recommend application of the rules providing interchangeability of input media between machines of compatible characteristics;
 - (b) inform users of numerically controlled machines on the potentialities of control systems.
- 1.2 This ISO Recommendation is consistent with ISO Recommendation R 1058, *Punched tape variable block format for positioning and straight-cut numerically controlled machines*.
- 1.3 The format characteristics are specified in section 3 and in Annexes C and D.
- 1.4 The technical terms used in this ISO Recommendation are based on the data processing vocabulary of ISO Recommendation R . . .¹⁾.

¹⁾ Now being drafted within Sub-Committee ISO/TC 97/SC 1, *Vocabulary*.