

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 369

SYMBOLS FOR INDICATIONS
APPEARING ON MACHINE TOOLS

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BRIEF HISTORY

The ISO Recommendation R 369, *Symbols for Indications Appearing on Machine Tools*, was drawn up by Technical Committee ISO/TC 39, *Machine Tools*, the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

Work on this question by the Technical Committee began in 1953 and led, in 1960, to the adoption of a Draft ISO Recommendation.

In October 1961, this Draft ISO Recommendation (No. 481) 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	Greece	Poland
Austria	Hungary	Portugal
Belgium	India	Sweden
Colombia	Ireland	Switzerland
Czechoslovakia	Italy	United Kingdom
France	Japan	U.S.A.
Germany	Norway	U.S.S.R.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in April 1964, to accept it as an ISO RECOMMENDATION.

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INTRODUCTION

SCOPE

This ISO Recommendation defines the symbols which may appear on machine-tool indicator plates or control buttons in order to give the operator all useful indications for the use of the machine.

These conventional symbols have been chosen so as to be understood in all countries, independently of the language spoken in each individual country.

They may be later supplemented by other symbols (see note below).

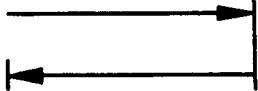
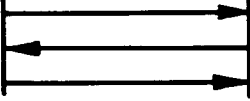
The existence of this ISO Recommendation, which includes a relatively large number of symbols, does not mean that all these symbols should appear on the machines. On the contrary, it is essential that a choice be made among the standardized symbols so as to use only those symbols which are strictly required for the use of each particular machine.

IMPORTANT NOTE

This ISO Recommendation should be considered only as a preliminary step, for immediate application.

When it is revised later, taking account of the results of its application, it will be supplemented with other symbols which may appear as being necessary, and it may possibly be slightly amended in order to make some symbols more easily understood by the machine operators.

1. SYMBOLS FOR MOVEMENTS AND SPEEDS

No.	Designations	Symbols	Observations
1	Direction of continuous rectilinear motion		
2	Rectilinear motion in two directions		
3	Interrupted rectilinear motion		
4	Limited rectilinear motion		
5	Limited rectilinear motion and return		
6	Oscillating rectilinear motion (continuous)		
7	Direction of continuous rotation		
8	Rotation in two directions		
9	Direction of interrupted rotation		
10	Limited rotation		