

INTERNATIONAL STANDARD

**ISO
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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ORGANISATION INTERNATIONALE DE NORMALISATION
МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

Machine tool tables — T-slots and corresponding bolts

Tables de machines-outils — Rainures à T et boulons correspondants

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 299 was prepared by Technical Committee ISO/TC 39, *Machine tools*.

This second edition cancels and replaces the first edition (ISO 299 : 1973), of which the dimensions in inches have been deleted and to which clause 5 has been added.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Machine tool tables — T-slots and corresponding bolts

1 Scope and field of application

This International Standard specifies, in millimetres, the dimensions and spacing of T-slots for machine tool tables.

It also specifies the metric dimensions of bolts to be used in these slots.

2 Dimensions of slots and bolts

The dimensions of T-slots and of the corresponding bolts are specified in table 1. The corresponding dimensions in inches,

except for the dimensions of bolts below 6 mm and above 36 mm for which there are no corresponding values, will form the subject of an addendum. The corresponding values will ensure practical interchangeability between machines made in either of the two measurement systems, as well as interchangeability with existing machines in many cases.

For reference or fixing slots, there is no interchangeability from one measurement system to the other, since the nominal dimension, A , will not be identical in this International Standard and its addendum.