
INTERNATIONAL STANDARD



2769

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

Modular units for machine tool construction — Wing bases for slide units

First edition — 1973-05-15

STANDARDSISO.COM : Click to view the full PDF of ISO 2769:1973

UDC 621.9-112

Ref. No. ISO 2769-1973 (E)

Descriptors : machine tools, elements, modular structures, dimensions, interchangeability.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

International Standard ISO 2769 was drawn up by Technical Committee ISO/TC 39, *Machine tools*, and circulated to the Member Bodies in June 1972.

It has been approved by the Member Bodies of the following countries:

Belgium	Japan	Spain
Czechoslovakia	Netherlands	Switzerland
France	New Zealand	Thailand
Germany	Poland	Turkey
Hungary	Romania	United Kingdom
Ireland	South Africa, Rep. of	

No Member Body expressed disapproval of the document.

Modular units for machine tool construction — Wing bases for slide units

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies certain dimensions relating to the interchangeability of wing bases for slide units used in special machines constructed from modular units.

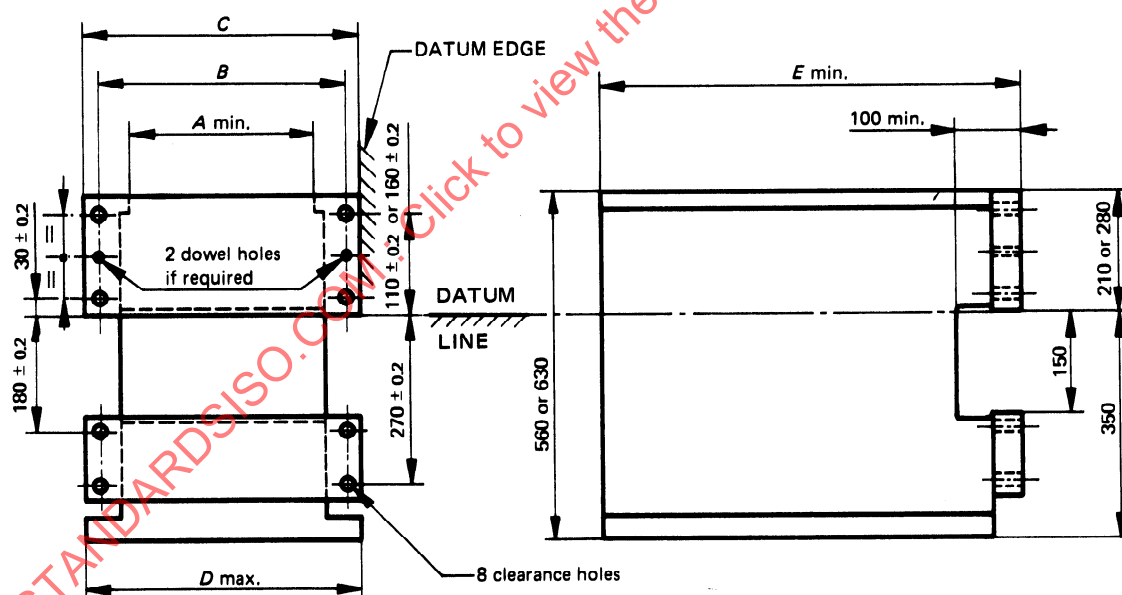
2 NOMINAL SIZE AND DESIGNATION

The nominal size is given by the nominal width of the saddle on the related slide unit. The following six sizes have been adopted : 250, 320, 400, 500, 630 and 800 mm.

The designation is given by the nominal size.

3 DIMENSIONS

Dimensions in millimetres



Dimensions in millimetres

Nominal size	Seating width of slide unit A min.	Bolt hole centres B $\pm 0,2$	Flange width C	Base width D max.	Overall length E min.	Clearance holes to suit thread
250	270	395	450	450	850	M 20
320	340	465	520	520	1 100	M 20
400	420	545	600	600	1 300	M 20
500	520	645	700	700	1 500	M 20
630	650	775	830	830	1 750	M 20 or M 24
800	820	945	1 000	1 000	2 100	M 20 or M 24