
INTERNATIONAL STANDARD



3610

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

Modular units for machine tool construction — Support brackets

Éléments standard pour la construction des machines-outils — Consoles

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Descriptors : machine tools, modular structures, modules, brackets, specifications, dimensions, dimensional tolerances.

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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 3610 was drawn up by Technical Committee ISO/TC 39, *Machine tools*, and was circulated to the Member Bodies in January 1975.

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

Australia	Hungary	Spain
Austria	India	Sweden
Belgium	Israel	Switzerland
Bulgaria	Italy	Turkey
China	Mexico	United Kingdom
Czechoslovakia	Poland	U.S.A.
France	Romania	Yugoslavia
Germany	South Africa, Rep. of	

The Member Body of the following country expressed disapproval of the document on technical grounds :

Japan



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AMENDMENT SLIP

Published 1981-12-01

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MODIFICATION TO FOREWORD *(Inside front cover)*

The ISO member body for China has now approved this International Standard. China should therefore be included in the list of countries whose member bodies have approved the document.

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Modular units for machine tool construction – Support brackets

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1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies certain dimensions relating to the interchangeability of support brackets used in special purpose machines constructed from modular units.

2 REFERENCE

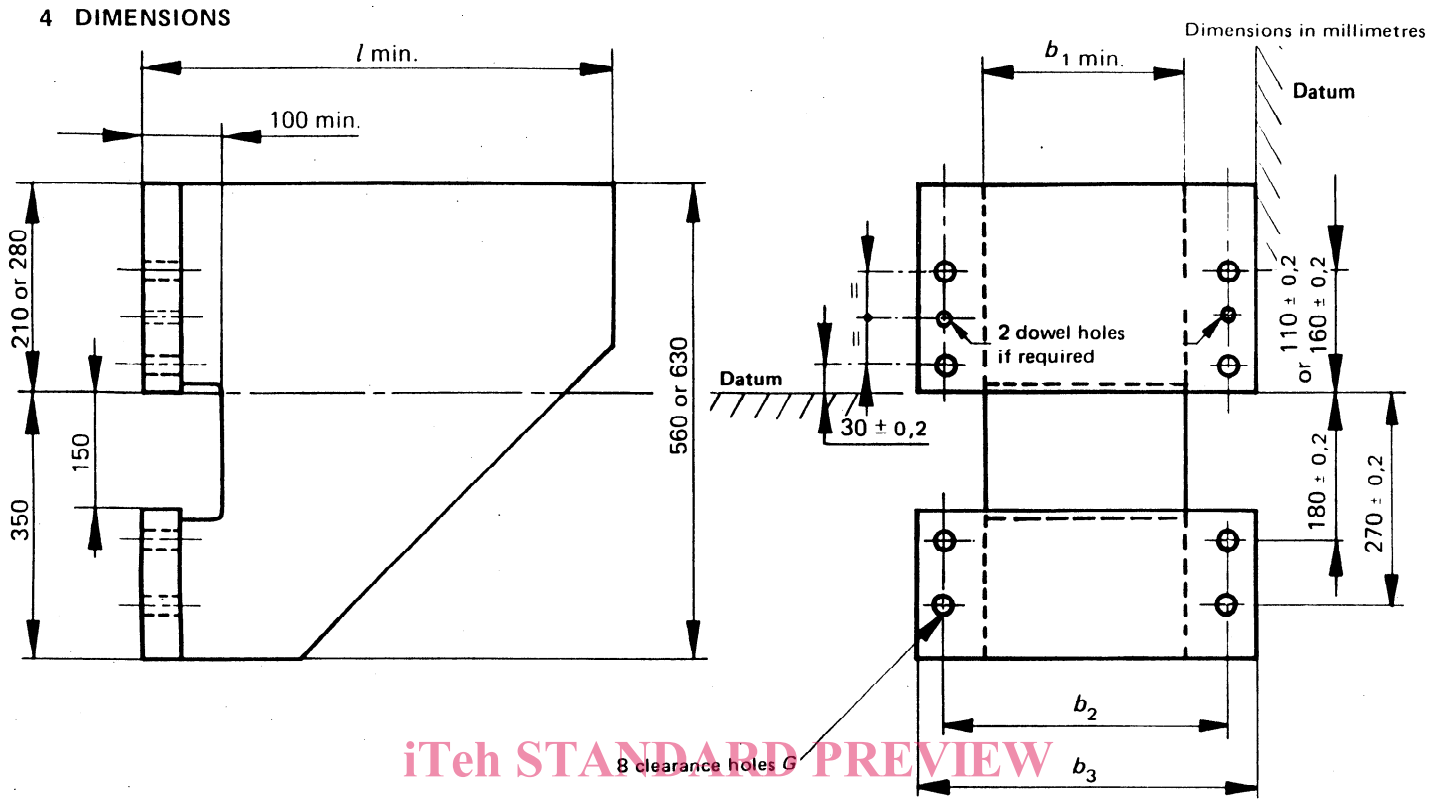
ISO 2562, *Modular units for machine tool construction – Slide units.*

3 NOMINAL SIZE AND DESIGNATION

The nominal size is given by the nominal width of the saddle on the related slide unit.

The following five sizes have been adopted : 125, 160, 200, 250 and 320 mm.

The designation is given by the nominal size.



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FIGURE – Support bracket
TABLE – Dimensions of support brackets

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Dimensions in millimetres

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Nominal size	Seating width of slide unit b_1 min.	Bolt hole centres $b_2 \pm 0,2$	Flange width b_3	Overall length l min.	Clearance hole G to suit thread
125	140	270	320	630	M 16
160	180	305	360	630	M 16
				800	
200	220	345	400	630	M 16
				800	
				1 000	
250	270	395	450	630	M 20
				800	
				1 000	
320	340	465	520	630	M 20
				800	
				1 000	
				1 250	