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**INTERNATIONAL STANDARD**



**3476**

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

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**Modular units for machine tool construction — Tenon drive  
and flanges for mounting multi-spindle heads**

*Éléments standard pour la construction des machines-outils — Entraînement par tenon et brides de fixation de têtes  
multibroches*

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**Descriptors** : machine tools, modular structures, modules, multi-spindle heads, mounting flanges, dimensional coordination.

## 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 3476 was drawn up by Technical Committee ISO/TC 39, *Machine tools*, and circulated to the Member Bodies in June 1974.

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

Australia	Hungary	Spain
Austria	India	Sweden
Belgium	Italy	Thailand
Brazil	Japan	Turkey
Czechoslovakia	Mexico	United Kingdom
Egypt, Arab Rep. of	Poland	U.S.S.R.
France	Romania	Yugoslavia
Germany	South Africa, Rep. of	

No Member Body expressed disapproval of the document.

# Modular units for machine tool construction – Tenon drive and flanges for mounting multi-spindle heads

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies dimensions of tenon drive and flanges for mounting multi-spindle heads on modular units such as :

- quill feed units,
- quill feed units with adjusting slide for tool changing.

## 2 REFERENCE

ISO 3590, *Modular units for machine tool construction – Spindle units.*<sup>1)</sup>

## 3 DIMENSIONS

Dimensions shall be in accordance with the table.

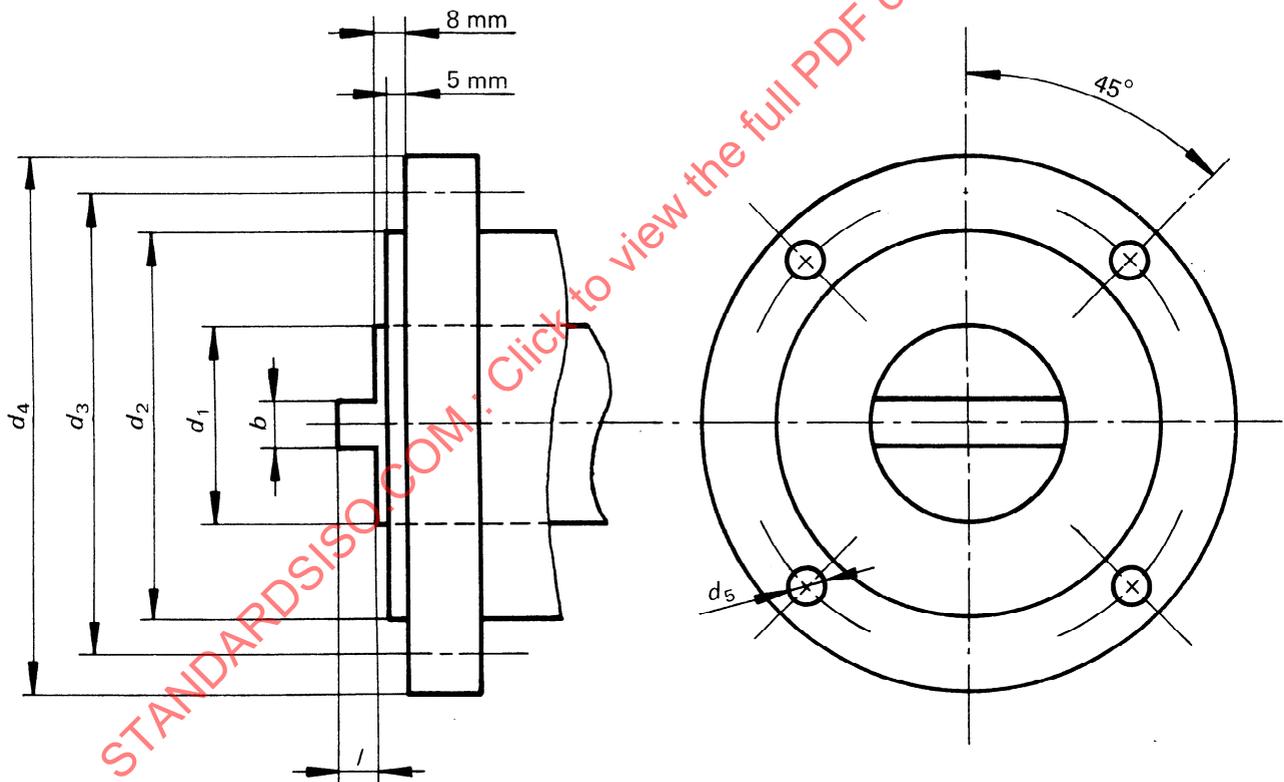


TABLE – Dimensions of flanges for mounting multi-spindle heads

Dimensions in millimetres

Nominal drive shaft diameter $d_1$	Spigot diameter $d_2$ j6	Pitch circle diameter $d_3$	Outside diameter $d_4$	Clearance holes $d_5$ to suit bolt sizes	Width of drive tenon $b$ e8	Length of drive tenon $l$
25	80	95	112	M 8	8	6
32	80	95	112	M 8	8	6
40	100	120	140	M 10	12	10
50	100	120	140	M 10	12	10

1) At present at the stage of draft.