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**INTERNATIONAL STANDARD**



**6108**

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

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## **Double equal angle cutters with plain bore and key drive**

*Fraises isocèles à alésage lisse et entraînement par clavette*

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**Descriptors** : tools, cutting tools, milling cutters, key drives, dimensions.

## 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 6108 was developed by Technical Committee ISO/TC 29, *Small tools*, and was circulated to the member bodies in July 1977.

It has been approved by the member bodies of the following countries

Australia	India	South Africa, Rep. of
Austria	Israel	Spain
Belgium	Italy	Sweden
Brazil	Japan	Switzerland
Czechoslovakia	Korea, Rep. of	United Kingdom
France	Mexico	U.S.A.
Germany	Netherlands	U.S.S.R.
Hungary	Romania	Yugoslavia

No member body expressed disapproval of the document.

## Double equal angle cutters with plain bore and key drive

### 1 SCOPE AND FIELD OF APPLICATION

This International Standard lays down the dimensions of double equal angle cutters with plain bore and key drive of diameter range 50 to 100 mm.

The external diameters of these cutters are taken from ISO 523.

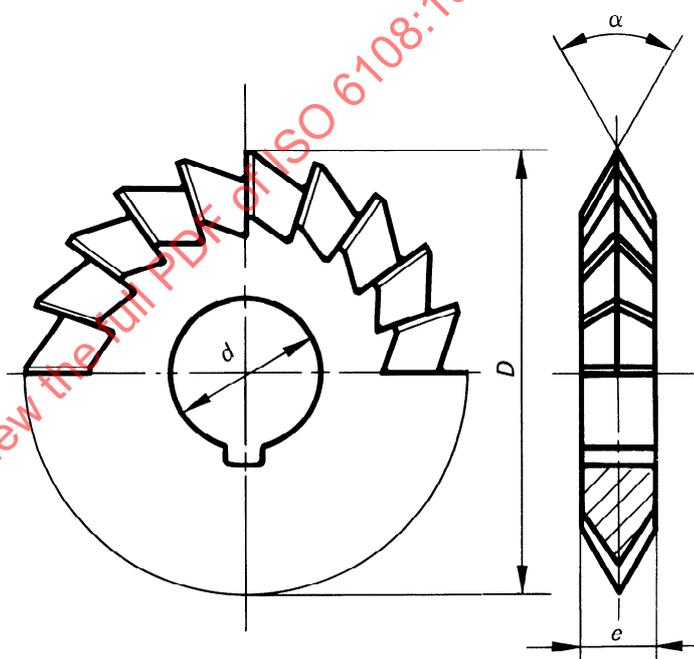
The keyway shall conform to ISO 240.

### 2 REFERENCES

ISO 240, *Milling cutters — Interchangeability dimensions for cutter arbors or cutter mandrels — Metric series and inch series.*

ISO 523, *Milling cutters — Recommended range of outside diameters.*

### 3 DIMENSIONS



Dimensions in millimetres

$D$ $j_s 16$	$d$ H7	$\alpha^\circ$ *	$e$ $j_s 16$
50	16	45	8
		60	10
		90	14
63	22	45	10
		60	14
		90	20
80	27	45	12
		60	18
		90	22
100	32	45	18
		60	25
		90	32

\* Tolerance on  $\frac{\alpha}{2} = \pm 15'$ .