
INTERNATIONAL STANDARD



3940

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

Tapered die-sinking cutters with parallel shanks

Fraises à matrices, coniques, à queue cylindrique

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Sample Document

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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 3940 was developed by Technical Committee ISO/TC 29, *Small tools*, and was circulated to the member bodies in November 1975.

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

Australia	Hungary	South Africa, Rep. of
Austria	India	Sweden
Belgium	Israel	Turkey
Bulgaria	Italy	United Kingdom
Egypt, Arab Rep. of	Korea, Rep. of	U.S.S.R.
France	Mexico	
Germany	Romania	

The member bodies of the following countries expressed disapproval of the document on technical grounds :

Czechoslovakia
Japan
Poland

Tapered die-sinking cutters with parallel shanks

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the dimensions of tapered die-sinking cutters with plain parallel or parallel flatted shanks.

These cutters are in particular intended for directly obtaining clearances of moulds, patterns and dies, when these exceed $2^{\circ} 52'$.

This International Standard applies to flat-end cutters and ball-nosed cutters.

Three types of cutters are standardized: short type, medium type, and long type in conjunction with the useful length l .

Parallel shanks are in accordance with ISO 3338/I and II.

2 REFERENCES

ISO 3338/I, *Parallel shanks for milling cutters — Part I: Dimensional characteristics of plain parallel shanks.*

ISO 3338/II, *Parallel shanks for milling cutters — Part II: Dimensional characteristics of parallel flatted shanks.*