INTERNATIONAL STANDARD



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

Carbide tips for brazing on turning tools

Plaquettes à braser en carbures métalliques pour outils de tour

First edition - 1975-02-15

Descriptors : tools, carbide tools, lathe tools, dimensions.

Ref. No. ISO 242-1975 (E)

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (160 Member Bodies). The work of developing International Standards is carried our 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 reginical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council. \Im

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 29 has reviewed ISO Recommendation 242 and found it technically suitable for transformation. International Standard 160 242 therefore replaces ISO Recommendation R 242-1961 and Amendment 1-1996 to which it is technically identical.

ISO Recommendation R 242 was approved by the Member Bodies of the lowing countries :

Austria Belgium Czechoslovakia France Germany Greece Hungary

India Italy Mexico Netherlands Pakistan Poland Portugal

South Africa, Re Sweden Switzerland United Kingdom U.S.A.

ated by FLY-The Member Body of the following country expressed disapproval of the Recommendation on Technical grounds :

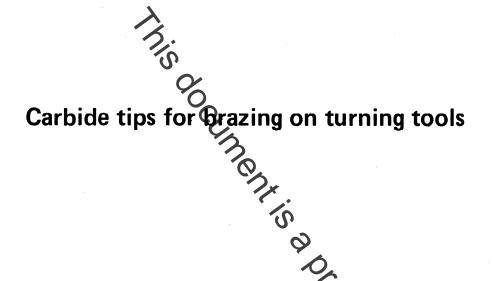
U.S.S.R.

The Member Bodies of the following countries disapproved the transformation of ISO/R 242 into an International Standard :

> Poland U.S.A.

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1 SCOPE AND FIELD OF APPLICATION

This International Standard lays down the dimensions of carbide tips for turning tools intended to be fixed on the shanks of tools by brazing.

NOTE - Throwaway carbide indexable inserts are the subject of ISO 883.

2 REFERENCES

ISO 241, Shanks for turning and planing tools – Types and dimensions one section.

ISO 513, Application of carbides for machining by chip removal – Designation of the main groups of chip removal and groups of application.

3 INTERCHANGEABILITY

The dimensions adopted are unified dimensions intended to permit interchangeability between the tips and the tool shanks on which they have to be mounted.