
International Standard



7388/2

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

Tool shanks with 7/24 taper for automatic tool changers — Part 2 : Retention knobs for shanks Nos. 40, 45 and 50 — Dimensions and mechanical characteristics

Queues d'outils à conicité 7/24 pour changement automatique d'outils — Partie 2 : Embouts de tirage pour cônes nos 40, 45 et 50 — Dimensions et caractéristiques mécaniques

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Foreword

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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 7388/2 was developed by Technical Committee ISO/TC 39, *Machine tools*, and was circulated to the member bodies in February 1982.

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

Belgium	India	South Africa, Rep. of
China	Italy	Spain
Czechoslovakia	Korea, Dem. P. Rep. of	Sweden
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The member bodies of the following countries expressed disapproval of the document on technical grounds :

Japan
USA
USSR

Tool shanks with 7/24 taper for automatic tool changers — Part 2 : Retention knobs for shanks Nos. 40, 45 and 50 — Dimensions and mechanical characteristics

0 Introduction

Users of this part of ISO 7388 are advised that proprietary rights apply to tool shanks with a 7/24 taper for automatic tool changers. Patent holders have agreed to negotiate licenses on terms and conditions defined in statements that are available upon request from the ISO Central Secretariat.

1 Scope and field of application

This part of ISO 7388 lays down the dimensions of the retention knobs for shanks Nos. 40, 45 and 50 for tools to be fitted on machines using an automatic gripping system for feeding tools from the magazine to the spindle and vice-versa. Retention knobs are intended to hold the tools in the spindles.

This part of ISO 7388 specifies two distinct types of retention knobs :

- 1) type A, for use with a pull stud claw;
- 2) type B, for use for preference with a ball-type pull stud claw.

2 Reference

ISO 7388/1, *Tool shanks with 7/24 taper for automatic tool changers — Part 1 : Shanks Nos. 40, 45 and 50 — Dimensions.*