



International
Standard

ISO 26622-4

**Modular taper interface with ball
track system —**

**Part 4:
Dimensions of receivers for
interface utilizing four locking
elements**

Interfaces à cône modulaire avec système de serrage à billes —

*Partie 4: Dimensions des nez de broche pour une interface
utilisant quatre éléments de verrouillage*

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Foreword

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This document was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 9, *Tools with defined cutting edges, holding tools, cutting items, adaptive items and interfaces*. A list of all parts in the ISO 26622 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Modular taper interface with ball track system —

Part 4:

Dimensions of receivers for interface utilizing four locking elements

1 Scope

This document specifies dimensions of tapered receivers for modular taper interfaces with ball track system with four locking elements for automatic and manual tool exchange to be applied on machine tools (e.g. lathe machines, drilling machines, milling machines and turn/milling machine centres). A range of receiver sizes is specified.

The torque is transmitted by friction and locking elements.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 8015, *Geometrical product specifications (GPS) — Fundamentals — Concepts, principles and rules*

ISO 22081, *Geometrical product specifications (GPS) — Geometrical tolerancing — General geometrical specifications and general size specifications*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

4 Dimensions

4.1 General

Tolerances shall be in accordance with ISO 8015.

General tolerances shall be in accordance to ISO 22081, such that the surface profile be within a tolerance of 0,2 mm with respect to the primary datum A. Additionally, the permissible deviations for linear dimensions not otherwise specified shall be in accordance to the values defined in [Table 1](#) and the permissible deviations for angular dimensions not otherwise specified shall be in accordance to the values defined in [Table 2](#).