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Medium-transfer units for tool interfaces —

Part 1: Transfer units for hollow taper shanks in accordance with the ISO 12164 series

Unités de transfert de fluide pour les interfaces d'outils —

*Partie 1: Unités de transfert pour queues à cône creux-face conformes
à la série ISO 12164*



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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Transfer units for wet machining, types and dimensions	1
4.1 Transfer unit for automatic tool change, type A	1
4.2 Material and heat treatment	3
4.2.1 General	3
4.2.2 Hardness	3
4.3 Designation	3
5 Transfer units for machining with minimum quantity lubrication (MQL), types and dimensions	3
5.1 General	3
5.2 Transfer unit for automatic tool change	4
5.2.1 Transfer unit for automatic tool change, type B and C	4
5.2.2 Transfer unit for automatic tool change, Type D, E and F	6
5.2.3 Transfer unit, type D	6
5.2.4 Transfer unit, type E	7
5.2.5 Transfer unit, type F	8
5.2.6 Dimensions	9
5.3 Transfer units for machining with MQL and manual tool change	10
5.3.1 General	10
5.3.2 Transfer unit, type G and type H	10
5.3.3 Transfer unit with sealing element, type I	11
5.3.4 Transfer unit (steel version), type J	12
5.3.5 Dimensions	13
5.4 Material and heat treatment	14
5.4.1 Hardness	14
5.4.2 Sealing element	14
5.5 Designation	14
Annex A (informative)	15
Bibliography	16

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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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 22402 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.

This corrected version of ISO 22402-1:2021 incorporates the following corrections:

- in [Table 3](#), values for d_2 have been corrected;
- in [Tables 1](#) to [4](#), the headers have been corrected;
- in [Table 4](#), a separate line has been added for l_1 , transfer unit type I.

Medium-transfer units for tool interfaces —

Part 1: Transfer units for hollow taper shanks in accordance with the ISO 12164 series

1 Scope

This document specifies the dimensions of medium-transfer units for wet processing and interfaces machine tool with insert nuts, which are used in hollow taper shanks taper in accordance with the ISO 12164 series.

2 Normative references

There are no normative references in this document.

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 Transfer units for wet machining, types and dimensions

4.1 Transfer unit for automatic tool change, type A

The transfer unit of the form A shall be carried out according to [Figure 1](#) and [Table 1](#).