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English Version

## Industrial valves - Mounting kits for part-turn valve actuator attachment (ISO 5640:2024)

Robinetterie industrielle - Kits de montage de  
raccordement des actionneurs à fraction de tour (ISO  
5640:2024)

Industriearmaturen - Montagesätze für Anschlüsse von  
Schwenkantrieben an Armaturen (ISO 5640:2024)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

**EN ISO 5640:2024 (E)**

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## **European foreword**

The text of ISO 5640:2024 has been prepared by Technical Committee ISO/TC 153 "Valves" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 5640:2024 by Technical Committee CEN/TC 69 "Industrial valves" the secretariat of which is held by AFNOR.

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The text of ISO 5640:2024 has been approved by CEN as EN ISO 5640:2024 without any modification.



# International Standard

**ISO 5640**

## Industrial valves — Mounting kits for part-turn valve actuator attachment

*Robinetterie industrielle — Kits de montage de raccordement des  
actionneurs à fraction de tour*

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CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

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**ISO 5640:2024(en)****Foreword**

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 153, *Valves*.

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](http://www.iso.org/members.html).

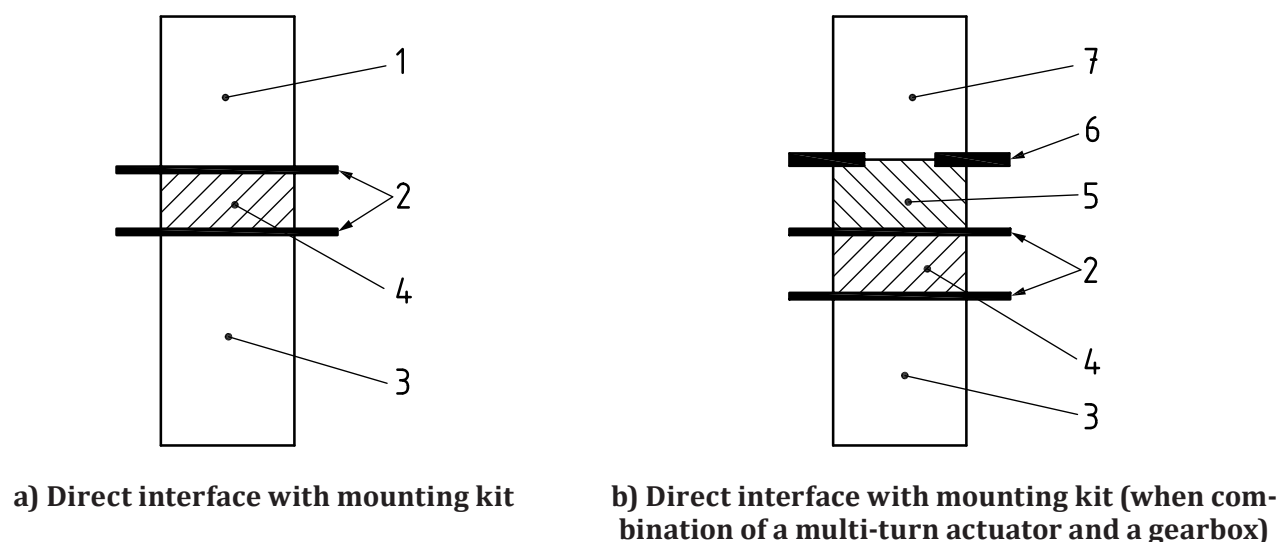
# Industrial valves — Mounting kits for part-turn valve actuator attachment

## 1 Scope

This document provides requirements for metallic mounting kits for part-turn valves and actuator attachments.

It includes all components transmitting torques from actuators to valves with a maximum flange torque up to 16 000 Nm (up to F30 flange type).

It applies to mounting kits for part-turn valves and actuators with integral attachment flanges and drive components as described in ISO 5211 (see [Figure 1](#)), when direct mounting of the actuator on valve is not practical. [Figure 1](#) illustrates the two different types of mounting kits in the scope of this document.



### Key

1	part-turn actuator	5	gearbox
2	interface (see ISO 5211)	6	interface (see ISO 5210)
3	valve	7	multi-turn actuator
4	mounting kit		

**Figure 1 — Mounting kit between part-turn actuator and valve**

Stacking of mounting kits/intermediate supports is not within the scope of this document.

This document specifies methods for design and environmental corrosion protection.

When a reference is made to this document, all the requirements apply, unless otherwise agreed between the purchaser and the manufacturer/supplier, prior to order.

In this document, the term "valve" covers valve or shaft extension top-flange, and the term "actuator" covers part-turn actuator or combination of multi-turn actuator and gearbox.

Control valves are excluded from this document.

**ISO 5640:2024(en)****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 5211, *Industrial valves — Part-turn actuator attachments*

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