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Industrial valves — Part-turn actuator attachments

Robinetterie industrielle — Raccordement des actionneurs à fraction de tour

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This fourth edition cancels and replaces the third edition (ISO 5211:2023), which has been technically revised.

The main changes are as follows:

— Figure 2 and Table 2 were updated for through bolting;

— editorial changes were made.

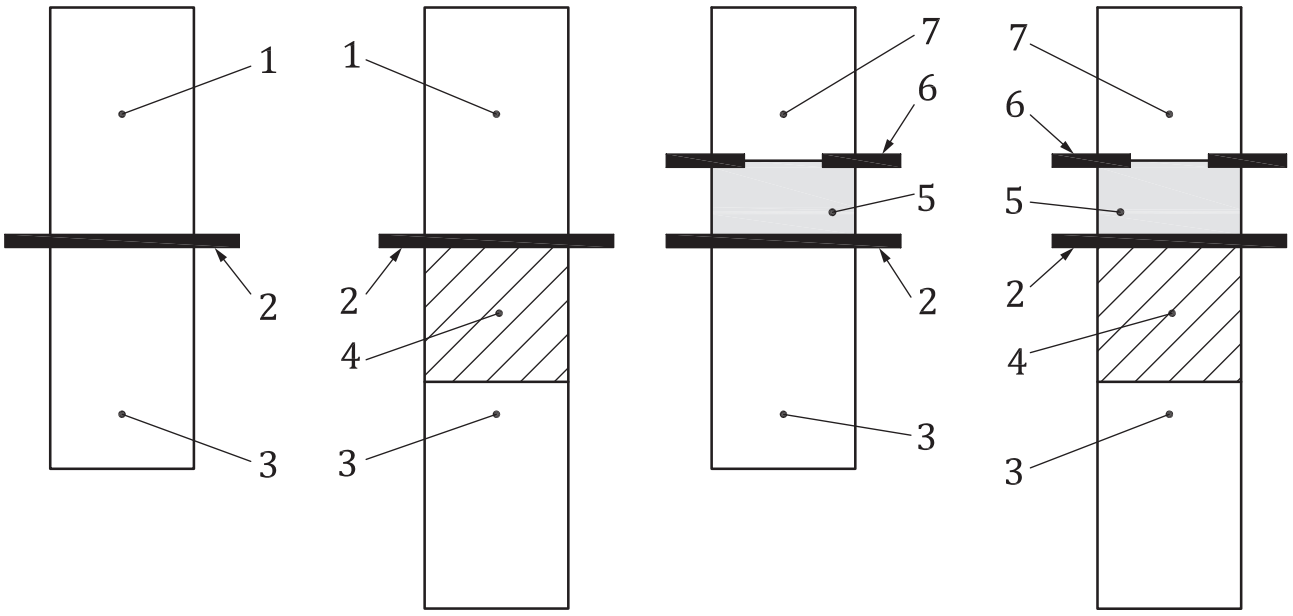
Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

The purpose of this document is to establish certain basic requirements for the attachment of part-turn actuators, in order to define the interface between actuator and valve.

This document is, in general, considered in conjunction with the specific requirements which may be agreed between the parties concerned.

NOTE 1 In this document, the term “valve” can also be understood to include “valve with an intermediate support” [see Figure 1 b)].

NOTE 2 When a combination of a multi-turn actuator and separate part-turn gearbox is coupled to form a part-turn actuator, the multi-turn attachment to the gearbox is in accordance with ISO 5210:2026, Figures 1 c) and 1 d). A combination of a multi-turn actuator with integral part-turn gearbox supplied as a part-turn actuator is in accordance with Figures 1 a) and 1 b).



a) Direct interface | **b) Intermediate support interface** | **c) Direct interface (when combination of a multi-turn actuator and a gearbox)** | **d) Intermediate support interface (when combination of a multi-turn actuator and a gearbox)**

Key

1	part-turn actuator
2	interface (see this document)
3	valve
4	intermediate support
5	gearbox
6	interface (see ISO 5210)
7	multi-turn actuator

Figure 1 — Interface between part-turn actuator and valve