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## ISO 7-1:1994 Dimensions, tolerances and designation

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Abbreviation

ISO 7-1:1994

Amendment

ISO 7-1:1994/Cor 1:2007

Valid from

12/05/1994

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Information provider

Standards New Zealand

Author

International Organization for Standardization

Information type

ISO Standard

Format

PDF

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Cited By

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**Description**

Specified the designation and lays down the dimensions and tolerances of pipe threads. Gives terms and definition as well as symbols and explanations including examples of the complete designation for a thread. Figures 1 to 4 illustrate details. Tabulates thread dimensions from 1/16 up to and including 6 inch.

**Scope**

This part of ISO 7 specifies the requirements for thread form, dimensions, tolerances and designation for jointing pipe threads, sizes 1/16 to 6 inclusive, for joints made pressure-tight by the mating of the threads. These threads are taper external, parallel internal or taper internal and are intended for use with pipes suitable for threading and for valves, fittings or other pipeline equipment interconnected by threaded joints.

An appropriate jointing medium should be used on the thread to ensure pressure-tight joints.

## NOTES

1. Parallel external pipe threads are not suitable as jointing threads.
2. For pipe threads where pressure-tight joints are not made on the threads, see ISO 228-1.
3. ISO 7-2 gives details of methods of verification of jointing thread dimensions and form and recommended gauging systems.

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This document is CITED BY:

- [AS 3688:2005](#)

ISO 7-1:1994 is cited by AS 3688:2005 Water supply - Metallic fittings and end connectors

- [BS EN 10241:2000](#)

ISO 7-1:1994 is cited by BS EN 10241:2000 Steel threaded pipe fittings

- [BS EN 1567:1999](#)

ISO 7-1:1994 is cited by BS EN 1567:1999 Building valves. Water pressure reducing valves and combination water reducing valves. Requirements and tests.

- [BS EN 1490:2000](#)

ISO 7-1:1994 is cited by BS EN 1490:2000 Building valves. Combined temperature and pressure relief valves. Tests and requirements

- [BS EN 1491:2000](#)

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