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STANDARD

9974-1

First edition
1996-04-15

**Connections for general use and fluid
power — Ports and stud ends with ISO 261
threads with elastomeric or metal-to-metal
sealing —**

Part 1:
Threaded ports

*Raccordements pour applications générales et transmissions hydrauliques
et pneumatiques — Orifices et éléments mâles à filetage ISO 261 et joint
en élastomère ou étanchéité métal sur métal —*

Partie 1: Orifices filetés



Reference number
ISO 9974-1:1996(E)

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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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9974-1 was prepared jointly by Technical Committees ISO/TC 5, *Ferrous metal pipes and metallic fittings*, Subcommittee SC 5, *Threaded or plain end butt-welding fittings, threads, gauging of threads*, and ISO/TC 131, *Fluid power systems*, Subcommittee SC 4, *Connectors and similar products and components*.

ISO 9974 consists of the following parts, under the general title *Connections for general use and fluid power — Ports and stud ends with ISO 261 threads with elastomeric or metal-to-metal sealing*.

- *Part 1: Threaded ports*
- *Part 2: Stud ends with elastomeric sealing (type E)*
- *Part 3: Stud ends with metal-to-metal sealing (type B)*

The performance requirements, dimensions and designs are defined for port and stud end connections for the L and S series in ISO 9974-2 and for the LL, L and S series in ISO 9974-3. Significant testing over more than 30 years of use has confirmed the performance requirements of these port and stud end connections.

Stud ends conforming to ISO 9974-2 and 9974-3 are identical to those conforming to DIN 3852-1. ISO 9974-2 stud ends are used on ISO 8434-1 and ISO 8434-4 fittings, and ISO 9974-3 stud ends are used on ISO 8434-1 fittings.

Annex A of this part of ISO 9974 is for information only.

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