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Connections for fluid power and general use — Hydraulic couplings for diagnostic purposes —

Part 1:

Coupling not for connection under pressure

Raccordements pour transmissions hydrauliques et pneumatiques et usage général — Raccords hydrauliques pour diagnostics —

Partie 1: Raccord pour connexion n'étant pas sous pression



Reference number
ISO 15171-1:1999(E)

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 15171-1 was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 4, *Connectors and similar products and components*.

ISO 15171 consists of the following parts, under the general title *Connections for fluid power and general use — Hydraulic couplings for diagnostic purposes*:

- *Part 1: Coupling not for connection under pressure*
- *Part 2: Coupling with M16 × 2 end for connection under pressure*

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Introduction

In hydraulic fluid power systems, power is transmitted and controlled through a liquid under pressure within an enclosed circuit. In general applications, a fluid may be conveyed under pressure.

Components are equipped with ports providing diagnostic points in a hydraulic system. Diagnostic couplings may be installed to aid in the diagnosis of hydraulic systems.