

INTERNATIONAL STANDARD

**ISO
9461**

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Hydraulic fluid power — Identification of valve ports, subplates, control devices and solenoids

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*Transmissions hydrauliques — Identification des orifices des appareils,
embases, organes de commande et solénoïdes*

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ISO 9461:1992

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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 9461 was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Sub-Committee SC 5, *Control products and components*.

Annex A of this International Standard is for information only.

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Introduction

This International Standard complies as closely as possible with the rules for the identification of valve ports specified in previously published International Standards, in particular those concerning valves on subplates (i.e. ISO 4401, ISO 5781, ISO 6263 and ISO 6264).

These four International Standards are however, somewhat extensive as they were expected to cover most of the current marking practices.

To remedy this situation, this International Standard give rules corresponding to the recommended practice, to be applied as a first priority for the identification of any new valve.

In hydraulic fluid power systems, power is transmitted and controlled through a liquid under pressure within an enclosed circuit. Fluid distribution and regulation are achieved by means of hydraulic valves which may be mounted on subplates. Valves, subplates, control devices and solenoids should be marked to ensure correct assembly and connection to the intended pipe or hose end.

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