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## Hydraulic fluid power — Dimensions and requirements for screw-to-connect quick-action couplings for use at a pressure of 72 MPa (720 bar)

*Transmissions hydrauliques — Dimensions et exigences des raccords rapides de type à visser pour usage à une pression de 72 MPa (720 bar)*



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## Foreword

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The committee responsible for this document is ISO/TC 131, *Fluid power systems*, Subcommittee SC 4, *Connectors and similar products and components*.

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## Introduction

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

Screw-to-connect quick-action couplings conforming to this International Standard are designed to join or separate fluid conductors ensuring, at the same time, sufficient resistance and safety in applications characterized by very high working pressures up to 72 MPa (720 bar).