

Hydraulic fluid power quick-action couplings —

Part 1: Specification for dimensions and performance

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Machinery and Components Standards Policy Committee (MCE/-) to Technical Committee MCE/18, upon which the following bodies were represented:

- Advanced Manufacturing Technology Research Institute
- Association of British Mining Equipment Companies
- Bath University Library
- British Compressed Air Society
- British Fluid Power Association
- British Hydromechanics Research Association
- British Steel Industry
- British Telecommunications plc
- Department of Trade and Industry (National Engineering Laboratory)
- Electricity Supply Industry in England and Wales
- Federation of Manufacturers of Construction Equipment and Cranes
- Institution of Mechanical Engineers
- Ministry of Defence

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- British Industrial Truck Association
- British Rubber Manufacturers' Association
- Engineering Equipment and Materials Users' Association

This British Standard, having been prepared under the direction of the Machinery and Components Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 29 September 1989

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The following BSI references relate to the work on this standard:
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National foreword

This Part of BS 7198 has been prepared under the direction of the Machinery and Components Standards Policy Committee and is the first of a two Part standard for hydraulic fluid power quick-action couplings. It is identical with ISO 7241-1:1987 “*Hydraulic fluid power — Quick-action couplings. Part 1: Dimensions and requirements*” published by the International Organization for Standardization (ISO).

The other Part of the standard is BS 7198-2: *Methods of test* (implementing ISO 7241-2:1986).

Cross-references

International Standard	Corresponding British Standard
ISO 5675:1981	BS 4742 <i>Hydraulic equipment for agricultural machinery</i> Part 2:1983 <i>Specification for hydraulic couplers for general purposes</i> (Identical)
ISO 7241-2:1986	BS 7198 <i>Hydraulic fluid power quick-action couplings</i> Part 2:1989 <i>Methods of test</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 2944, ISO 4397 and ISO 5598, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

Additional information. For the purposes of this British Standard, the identification statement specified in clause 7 should be read as follows:

“Dimensions and pressure requirements comply with BS 7198-1:1989.”

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.