
**Gas welding equipment — Quick-
action couplings with shut-off valves
for welding, cutting and allied
processes**

*Matériel de soudage aux gaz — Raccords rapides à obturation pour
soudage, coupage et techniques connexes*

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Types of coupling	2
5 Installation	2
6 Design requirement	2
6.1 Dimensions, non-interchangeability and interchangeability	2
6.2 Configuration	2
6.3 Coupling and uncoupling	3
6.4 Connections	3
6.5 Materials	3
7 Working requirements	4
7.1 Pressure resistance	4
7.2 Gas tightness	4
7.2.1 General requirements	4
7.2.2 Specific requirements	4
7.3 Pressure drop	4
7.4 Resistance to flashback	4
7.5 Resistance to tensile load	4
7.6 Resistance to radial loads	4
7.7 Endurance	5
7.8 Other functions	5
8 General test conditions	5
8.1 General	5
8.2 Test sequence	6
9 Test procedure	7
9.1 Examination of dimensions and test of non-interchangeability and interchangeability	7
9.1.1 Dimensions	7
9.1.2 Non-interchangeability between different gas types	7
9.1.3 Interchangeability within a single gas type	7
9.2 Pressure resistance	8
9.3 Gas tightness test	8
9.3.1 General	8
9.3.2 Basic method and test device	8
9.3.3 Particular specifications	8
9.4 Flashback test	8
9.5 Resistance to tensile load	8
9.6 Resistance to radial load	9
9.7 Endurance test	9
10 Marking	9
11 Instructions for use	9
Bibliography	10

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 8, *Equipment for gas welding, cutting and allied processes*.

This fourth edition cancels and replaces the third edition (ISO 7289:2010), which has been technically revised. The main changes compared to the previous edition are as follows:

- a) normative references have been updated;
- b) [Subclause 6.2](#) has been updated;
- c) in [6.5](#), requirements for coated material have been added;
- d) in [8.1](#), accuracy of pressure and flow measurement have been added;
- e) old Subclause 8.3 has been updated and incorporated in [9.1](#);
- f) [Subclause 9.4](#) has been updated;
- g) [Clause 10](#) has been updated.

Any feedback, question or request for official interpretation related to any aspect of this document should be directed to the Secretariat of ISO/TC 44/SC 8 via your national standards body. A complete listing of these bodies can be found at www.iso.org/members.html. Official interpretations, where they exist, are available from this page: <https://committee.iso.org/sites/tc44/home/interpretation.html>.

This corrected version of ISO 7289:2018 incorporates the following correction:

- representation of the dimension of diameter *B* in [Figure 1](#) has been corrected to keep the full interchangeability and standard dimensions in line with the previous edition (ISO 7289:2010).

Introduction

Quick-action couplings with shut-off valves are used in equipment for gas welding, cutting and allied processes to connect the hoses used between the regulator and the torch, either to one another or to the regulators and the torches themselves.

These couplings are fitted with shut-off devices that interrupt the gas flow when the two elements are disconnected, so that coupling and uncoupling operations can be performed manually while the equipment is under pressure.

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