## ISO 7289:2018 (E)

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

## **Contents**

	Fore	eword	
	Intro	oduction	
1	Sco	Scope	
2	Nori	Normative references	
3	Tern	Terms and definitions	
4	Туре	Types of coupling	
5		Installation	
6	Desi	Design requirement	
•	6.1 6.2 6.3 6.4 6.5	Dimensions, non-interchangeability and interchangeability Configuration Coupling and uncoupling Connections Materials	
7	Wor	Working requirements	
	7.1 7.2 7.2.1 7.2.2 7.3 7.4 7.5 7.6 7.7 7.8	Pressure resistance Gas tightness General requirements Specific requirements Pressure drop Resistance to flashback Resistance to tensile load Resistance to radial loads Endurance Other functions	
8		eral test conditions	
	8.1 8.2	General Test sequence	
9	Test	Test procedure	
	9.1 9.1.1 9.1.2 9.1.3 9.2 9.3 9.3.1 9.3.2 9.3.3 9.3.3.1 9.3.3.2 9.4 9.5 9.6	Examination of dimensions and test of non-interchangeability and interchangeability Dimensions Non-interchangeability between different gas types Interchangeability within a single gas type Pressure resistance Gas tightness test General Basic method and test device Particular specifications Test in the uncoupled position Test in the coupled position Flashback test Resistance to tensile load Resistance to radial load	
	9.7	Endurance test	

- 10 Marking
- 11 Instructions for use

Page count: 10