

ICS 91.140.60
CCS P 42

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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

CJ/T 152-2016

Replacing CJ/T 152-2010

**Light gauge stainless steel press-fittings and grooving fittings
(English Translation)**

Issued on: December 15, 2016

Implemented on: June 1, 2017

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China**

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 Classification and marking

5 Structure type and size

6 Requirements

7 Test methods

Inspection rules

9 Logo, packaging, transportation and storage

Appendix A (Normative) D-type pipe structure type and basic size requirements

Appendix B (Normative) S-type pipe structure type and basic size requirements

Appendix C (Normative) Grooved pipe structure type and basic size requirements

Appendix D (Normative) Pipe fittings and fittings with the outline dimensions

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is a revision of CJ/T 152-2010 "thin-walled stainless steel compression and grooved pipe fittings," compared with CJ/T 152-2010, the main technical changes are as follows.

- Modify the steel uniform number code, grade and increase the applicable conditions;
- Increased the nominal size of pressure pipe fittings series;
- Increased the structure and size of the compression fittings;
- Increased gas application of the technical requirements and test methods;
- Increased the color of drinking water and gas pipelines logo requirements;
- Modify the technical requirements, test methods and other technical content.

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Water Supply and Drainage Standardization Technical Committee building centralized.

This standard was drafted. Jiangsu Jinyang Huijia Pipeline System Co., Ltd., Zhejiang Zheng Kang Industrial Co., Ltd., Zhejiang Zhongjie management Co., Ltd., Zhejiang Fulante Co., Ltd., Zhejiang is with the Tube Co., Ltd., Anhui tube benefits of new materials Technology Co., Ltd., Vickers (Shanghai) Fluid Technology Co., Ltd., Suzhou Bao Di Pipe Co., Ltd., Guangzhou Meiya Co., Ltd., Zhejiang Li Xing Fluid Machinery Co., Ltd., Anhui Jinwei Pipe Co., Ltd., China Architectural Design Institute Co., Ltd., China Construction Metal Structure Association Water Supply and Drainage Equipment Branch, China Construction Equipment Co., Ltd.

Decoration Materials Association, Fujian Housing Construction Co., Ltd., Fujian Poly-Construction Development Co., Ltd..

1 Scope

This standard specifies the classification and marking of thin-walled stainless steel compression and grooved pipe fittings, structure type and size, requirements, test methods, seized Rules, marking, packaging, transportation and storage.

This standard applies to the nominal pressure of not more than 1.6MPa, the nominal size of not more than DN300, used to transport domestic water (cold water, hot water), Drinking water, medical gases, compressed air, inert gas, gas, oil and other thin-walled stainless steel pipe fittings design, manufacture and acceptance.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs GB/T 223.11 steel and alloy chromium content - Visual titration or potentiometric titration Methods for chemical analysis of iron, steel and alloy - The chromochrome acid photometric method for the determination of titanium content Methods for chemical analysis of iron, steel and alloy The dimethylglyoxime gravimetric method for the determination of nickel content GB/T 223.28 Methods for chemical analysis of iron, steel and alloy a-benzoin oxime gravimetric method for the determination of molybdenum content GB/T 223.37 Methods for Chemical Analysis of Iron, Steel and Alloy Distillation - Indophenol Blue Photometric Method for the Determination of Nitrogen Content GB/T 223.40 Steel and alloy - Determination of niobium content - Chlorosulphonol S spectrophotometric method GB/T 223.60 Methods for chemical analysis of iron, steel and alloy - The perchloric acid dehydration gravimetric method for the determination of silicon content GB/T 223.62 Methods for chemical analysis of iron, steel and alloy - The butyl acetate extraction spectrophotometric method for the determination of phosphorus content GB/T 223.63 Methods for chemical analysis of iron, steel and alloy -

The sodium periodate (potassium) photometric method for the determination of manganese content GB/T 223.68 Methods for chemical analysis of iron, steel and alloy - The potassium iodate titration method after combustion in tube furnace for the determination of sulfur content GB/T 1804-2000 General tolerances Tolerances for linear and angular dimensions without tolerance GB/T 2100 stainless steel castings technical conditions GB/T 2828.1 Sampling procedures for inspection - Part 1. Batch inspection sampling plan by acceptance quality limit (AQL) Mechanical properties of fasteners - Bolts, screws and studs GB/T Mechanical properties of fasteners nuts GB/T 3098.6 mechanical properties of fasteners stainless steel bolts, screws and studs GB/T 3098.10 mechanical properties of fasteners made of non-ferrous metals bolts, screws, studs and nuts GB/T 3098.15 mechanical properties of fasteners stainless steel nuts GB/T 3280 stainless steel cold-rolled steel sheet and strip Corrosion of metals and alloys - Test method for intergranular corrosion of stainless steels GB/T 4334-2008 GB/T 7306.1 55 ° sealing pipe thread - Part 1. Cylindrical internal thread and tapered male thread GB/T 10125-2012 artificial atmosphere corrosion test salt spray test GB/T 11170 stainless steel content of multiple elements Determination of spark discharge atomic emission spectrometry (conventional method) GB/T 17219 drinking water distribution equipment and protective materials safety evaluation criteria GB/T 19228.3 stainless steel compression pipe fittings - Part 3. O-ring rubber seals GB/T.20123 Steel - Determination of total carbon and sulfur content High frequency induction furnace combustion infrared absorption method (conventional method)