

ICS 21.060.60

CCS J 15



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

GB/T 5630-2008

Flared couplings - Union elbow

扩口式弯通管接头

Issued on: May 7, 2008

Implemented on: November 1, 2008

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;
Standardization Administration of the PRC**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Dimensions
- 4 Mark
- 5 Technical requirements

Foreword

This standard is one flared fittings series. This standard is GB/T 5630.1-1985 "Flared type fittings" and GB/T 5630.2-1985 "Flared type tube fittings Amendment Style ". The main amendments are as follows:

- The two standard content integration;
- Modified Chinese and English name;
- Increasing the hexagonal structure of the blank;
- Reducing the parameters should be part of the manufacturer's control;
- Tolerance on the part of prevailing standards of tolerance and fit adjustment;
- Cancel the marked surface roughness, surface roughness is given in GB/T 5653 "flared fittings technical conditions" in. Since the implementation of this standard replaces GB/T 5630.1-1985, GB/T 5630.2-1985. The standard proposed by China Machinery Industry Federation. This standard by the National Standardization Technical Committee pipe accessories. This standard is drafted by: The machine Productivity Promotion Center, Haiyan Pipe Manufacturing Co., Limited Jianhu particularly good hydraulic fittings the company. Participated in the drafting of this standard. Eaton (Ningbo) fluid connector Ltd., Jiaying Mai Site Pipe Manufacturing Co., Ltd., Bo Gao Haiyan Tube Co., Ltd., Haiyan tube Manufacturing Co., Ltd. Jiaozuo City roads lead to hydraulic attachments. The main drafters of this standard. Gengzhi school, Li Weirong, Zhou Shunhua, Zuo Jun, Tao Zhongming, Ruanhao Feng, Zhou Jianfei, Wang Limin, Feng Feng. This standard replaces the standards previously issued as follows:
- GB/T 5630.1-1985, GB/T 5630.2-1985. Flared elbow fittings

1 Scope

China's national standard for the flared tube union elbow. This member turns a run of tube

through a right angle without involving a port at all: both ends are flared connections, so it joins one tube to another at ninety degrees. It is used where the geometry of an installation requires a corner in a position where no component sits - around a structural member, along the inside of a frame, or where a bent tube would need a radius the tube cannot take without collapsing its bore. Cold bending a hydraulic tube to a tight radius thins the outer wall and ovalises the section, which reduces the pressure the tube can hold at exactly the point where the bending stress is highest, so a fitting is often the sounder choice as well as the only practical one. The standard specifies the dimensions, marking and technical requirements of the union elbow and its body, for tube outside diameters of 4 to 34 mm at 3.5 to 16 MPa.

This standard specifies the dimensions, marking and technical requirements flared elbow fittings and joints of the body. This standard applies to pipe outside diameter 4mm ~ 34mm, the maximum working pressure of the hydraulic fluid and transmission of a 3.5MPa ~ 16MPa General purpose piping system.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 5646-2008 flared pipe joint socket

GB/T 5647-2008 flared tube fittings A nut

GB/T 5648-2008 flared tube fittings B nuts

GB/T 5652-2008 flared flared end fittings Dimensions

GB/T 5653-2008 flared tube fittings

3 Dimensions

Flared elbow fittings and joints body dimensions shall comply with the provisions Figs. 1 to 4 and Table 1, the connector body size should be consistent with the flared end GB/T 5652 regulations.

4 Mark

4.1 labeling method Labeling method of joints and the joint body flared elbow pipe should be consistent with GB/T 5653 regulations.

4.2 tag example Flared type A, the pipe diameter of 10mm, steel flared elbow fittings

galvanized surface markers as follows: Fittings GB/T 5630 A

10 Flared type A, the pipe diameter of 10mm, steel flared elbow joint surface galvanized marked. Joint body GB/T 5630 A10

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.

chinastandards.org - PREVIEW