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

GB/T 5628-2008

Flared couplings - Union

扩口式直通管接头

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Foreword

This standard is one flared fittings series. This standard is GB/T 5628.1-1985 "Flared type tube fittings" and GB/T 5628.2-1985 "Flared type tube fittings Amendment Style ". The main amendments are as follows:

- The two standard content integration;
- Modify the English name;
- 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 5628.1-1985, GB/T 5628.2-1985. 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, Tube Manufacturing Co., Ltd. Haiyan, Jiaxing Mai Site Pipe Manufacturing Co., the company. Participated in the drafting of this standard. Eaton (Ningbo) fluid connector Ltd., Jianhu particularly good hydraulic pipe fittings Co., 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, Feng Feng, Tao Zhongming, Zuo Jun, Ruanhao Feng, Zhou Jianfei, Wang Limin. This standard replaces the standards previously issued as follows:
 - GB/T 5628.1-1985, GB/T 5628.2-1985. Flared type tube fittings

1 Scope

China's national standard for the flared tube union. The union is the coupling with a flared connection at both ends, joining one tube directly to another with no port and no thread into any housing, and it is the simplest member of the family and the one that makes a piping

system maintainable. A hydraulic run of any length cannot be a single tube: it has to be made in sections that can be bent, transported, installed through structure, and later removed one at a time without dismantling everything downstream, and the union is where those sections meet. Its symmetry is what gives it that property - both ends are identical, both are broken by turning a nut, and either side can be released independently. The standard specifies the dimensions, marking and technical requirements of the union and its body, for tube outside diameters of 4 to 34 mm at working pressures of 3.5 to 16 MPa in general purpose hydraulic and transmission piping systems.

This standard specifies Flared type tube dimensions, marking and technical requirements of the joint and the joint 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 type tube connector and the connector body size should conform to Figure 1, Figure 2 and Table 1 the provisions of the joint body size should be consistent with the flared end GB/T 5652 regulations.

4 Mark

4.1 labeling method Labeling methods connector and the connector housing Flared type tube shall comply with GB/T 5653's.

4.2 tag example Flared type A, the pipe diameter of 10mm, galvanized steel flared surface treatment straight couplings marked. Fittings GB/T 5628 A

10 Flared type A, the pipe diameter of 10mm, galvanized steel flared surface treated

through connector body marked. Joint body GB/T 5628 A10

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.

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