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

GB/T 5641-2008

Flared couplings - Union cross

扩口式四通管接头

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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 5641.1-1985 "Flared type fittings" and GB/T 5641.2-1985 "Flared type tube fittings Amendment Style ". The main amendments are.

- The two standard content integration;
- Modify the 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 5641.1-1985, GB/T 5641.2-1985. The standard proposed by China Machinery Industry Federation. This standard by the National Standardization Technical Committee pipe accessories. This standard is drafted by: Jianhu good special hydraulic pipe fittings Co., Ltd., machine Productivity Promotion Center. Participated in the drafting of this standard. Haiyan Pipe Manufacturing Co., Eaton (Ningbo) fluid connector Ltd., Jiaxing Mai Site fittings Manufacturing Co., Ltd., a high-Bo Haiyan Pipe Co., Ltd., Haiyan tube Manufacturing Co., Ltd. Jiaozuo City roads lead to hydraulic attachments. The main drafters of this standard. Zuo Jun, Geng Zhi school, Li Weirong, Zhou Shunhua, Tao Zhongming, Ruanhao Feng, Zhou Jianfei, Wang Limin, Feng Feng. This standard replaces the standards previously issued as follows:
- GB/T 5641.1-1985, GB/T 5641.2-1985. Flared type tube fittings

1 Scope

China's national standard for the flared tube union cross. The cross carries four flared tube

connections on two axes, and it is the least used member of the family precisely because it is the most demanding to install: four tubes must all arrive at one point in the right planes, and each must be free enough to be drawn up without loading the others. Where it earns its place is in a distribution point - a pressure line dividing to two branches while continuing on, or a return manifold gathering several lines - where the alternative is two tees and a short connecting nipple, which adds two more joints and therefore two more potential leaks in the same space. Fewer joints is always the sounder principle in a hydraulic system. The standard specifies the dimensions, marking and technical requirements of the cross and its body, for tube outside diameters of 4 to 34 mm at working pressures of 3.5 to 16 MPa.

This standard specifies the dimensions, marking and technical requirements Flared type tube connector and the connector 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 dimensions shall comply with 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 Flared type tube fittings and joints of the body should be consistent with GB/T 5653 regulations.

4.2 tag example Flared type A, the pipe diameter of 10mm, steel Flared type tube fittings galvanized surface markers as follows: Fittings GB/T 5641 A

10 Flared type A, the pipe diameter of 10mm, steel Flared type connector surface galvanized marked. Joint body GB/T 5641 A10

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.

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