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

GB/T 5625-2008

Flared couplings - Straight thread

扩口式端直通管接头

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Foreword

This standard is one flared fittings series. This standard is GB/T 5625.1-1985 "Flared Straight fittings" and GB/T 5625.2-1985 "flared end straight tube Joint body "amendments. The main amendments are as follows:

- The two standard content integration;
- Modify the English name;
- Increasing the F type threaded end-column, A column type threaded end increased 55 ° unsealed pipe thread (G);
- 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 5625.1-1985, GB/T 5625.2-1985. 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., Eaton (Ningbo) Co., fluid connector the company. Participated in the drafting of this standard. Jiaxing Mai Site Pipe Manufacturing Co., Ltd., Jianhu particularly good hydraulic pipe fittings Co., Bo Gao Haiyan tube Ltd., Haiyan tube Manufacturing Co., Ltd. Jiaozuo City roads lead to hydraulic attachments. The main drafters of this standard. Li Weirong, Gengzhi school, Zhou Shunhua, Li Junying, Tao Zhongming, Zuo Jun, Ruanhao Feng, Zhou Jianfei, Wang Limin. This standard replaces the standards previously issued as follows:
- GB/T 5625.1-1985, GB/T 5625.2-1985. Flared Straight fittings

1 Scope

China's national standard for straight-through flared tube couplings with a straight thread. The flared coupling is the oldest reliable way of joining a metal tube to a fitting: the tube end is flared out into a cone, and a nut draws that cone hard against a matching seat on the fitting body, so the seal is metal to metal between two machined cone surfaces with no elastomer to age or extrude. This member is the straight one, taking a tube in line into a port, and its distinguishing feature is the straight thread on the port end, which does not seal on the threads themselves - it clamps a washer or O-ring against the face of the boss, so the joint can be tightened to a defined torque without the thread stress that a tapered thread imposes on the housing. The standard specifies the dimensions, marking and technical requirements of the coupling 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.

This standard specifies the flared end of the straight pipe 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 3765-2008 bite type tube fittings

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

GB/T 19674.2-2005 hydraulic fittings with threaded ports and end-column packing column ends (A and E)

3 Dimensions

Flared type with A type column ends of straight pipe joints and the joint body size should be consistent with Figures 1, 2 and specified in Table 1, column A type end type Size should be consistent with the provisions of GB/T 19674.2 of. Flared type column with F-type

connector end of the straight tube size and connector body should conform to Figure 3, the provisions of Figure 4 and Table 2, F-type column end type Size should be consistent with the provisions of GB/T 3765 Appendix A. Flared end connector body size should be consistent with the provisions of GB/T 5652's.

4 Mark

4.1 labeling method Flared Straight labeling method body joints and pipe fittings shall comply with GB/T 5653's.

4.2 tag example Flared type A, the pipe diameter of 10mm, steel flared end common thread (M) A type column end surface of the straight pipe joint galvanized Head marked. Fittings GB/T 5625 A10/M14 x

1.5 Flared type A, the pipe diameter of 10mm, the common thread (M) A type of end-column, steel flared end surface galvanized passthrough connector Body mark. Joint body GB/T 5625 A10/M14 x 1.5

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.