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

GB/T 5626-2008

Flared couplings - Male

扩口式锥螺纹直通管接头

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Foreword

This standard is one flared fittings series. This standard is GB/T 5626.1-1985 "flared taper thread straight couplings" and GB/T 5626.2-1985 "flared cone snail Straight pattern fitting body "amendments. The main amendments are as follows:

- The two standard content integration;
- Modify the English name;
- Threaded end of the column increases the 55 ° sealing pipe thread (R) and 60 ° sealing pipe thread (NPT), to cancel the original standard metric taper thread (ZM);
- 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 5626.1-1985, GB/T 5626.2-1985. 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. Jiaying 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. Gengzhi school, Li Weirong, 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 5626.1-1985, GB/T 5626.2-1985. Flared type thread straight couplings

1 Scope

China's national standard for straight-through flared tube couplings with a male tapered thread. This is the member used where the tube enters a component whose port is a tapered pipe thread, which remains the commonest port form on pumps, valves and cast housings throughout Chinese industry. The tapered thread seals by wedging - the flanks interfere as the joint is made up, and a sealant completes it - which is convenient because it needs no facing or sealing land in the casting, and awkward because the seal is made by tightening, so the depth of engagement varies from joint to joint and the fitting cannot be clocked to a particular orientation without either loosening it or overtightening. It also stresses the boss in hoop tension, which is why cast housings crack at ports. 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 3.5 to 16 MPa in general purpose hydraulic and transmission piping.

This standard specifies the flared straight taper thread 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 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 thread straight couplings and fittings shall conform to the dimensions of the body 1, the provisions of Figure 2 and Table 1, the connector body size should meet the flared end Co GB/T 5652 regulations.

4 Mark

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

4.2 tag example Flared type A, the pipe diameter of 10mm, 55 ° sealing pipe thread (R), steel flared tapered threaded surface of galvanized pipe joint Straight Head marked. Fittings GB/T 5626 A10/R1/

4 Flared type A, the pipe diameter of 10mm, steel flared through connector 55 ° taper thread sealing pipe thread (R), galvanized surface treated Body mark. Joint body GB/T 5626 A10/R1/4

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.