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

GB/T 5627-2008

Flared couplings - Male long

扩口式锥螺纹长管接头

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Foreword

This standard is one flared fittings series. This standard is GB/T 5627.1-1985 "flared fittings - Straight thread long" and GB/T 5627.2-1985 "flared taper thread Long 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 5627.1-1985, GB/T 5627.2-1985. 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 5627.1-1985, GB/T 5627.2-1985. Flared type long threaded fittings

1 Scope

China's national standard for the long-bodied male flared tube coupling. It is the same joint as the standard male straight coupling and differs in one respect that matters in practice: the body is extended, so the tube nut stands clear of the surface the fitting screws into. That is not a refinement but a necessity in real installations, where a port sits at the bottom of a recess, inside a spotface surrounded by a raised boss, or close to a housing wall or an adjacent fitting - and where an ordinary short body would leave no room to get a spanner onto the nut. Since a flared joint is made and broken by turning the nut against the fitting body while both are held, access for two spanners is what determines whether the joint can be assembled correctly at all, and a joint that cannot be reached properly is a joint that leaks. The standard specifies the dimensions, marking and technical requirements 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 taper threaded fittings and length of 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 long threaded fittings and joints shall conform to the dimensions of the body 1, the provisions of Figure 2 and Table 1, the connector body size should be consistent with the flared end GB/T 5652 regulations.

4 Mark

4.1 labeling method Expanding labeling method-mouth taper threaded fittings and joints body length should be consistent with the provisions of GB/T 5653's.

4.2 tag example Flared type A, the pipe diameter of 10mm, steel flared long taper thread fittings 55 ° sealing pipe thread (R), galvanized surface treated Mark as. Fittings GB/T 5627 A10/R1/

4 Flared type A, the pipe diameter of 10mm, steel flared Straight thread long connector body 55 ° sealing pipe thread (R), galvanized surface treated Mark as. Joint body GB/T 5627 A10/R1/4

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.