

ICS 21.060.60

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

GB/T 5635-2008

Flared couplings - Male branch tee

扩口式锥螺纹三通管接头

Issued on: May 7, 2008

Implemented on: November 1, 2008

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;
Standardization Administration of the PRC**

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Foreword

This standard is one flared fittings series. This standard is GB/T 5635.1-1985 "flared taper thread tee" and GB/T 5635.2-1985 "flared cone snail Wen tee body" amendments. The main amendments are.

- 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);
- 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 5635.1-1985, GB/T 5635.2-1985. 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., Ltd., Jiaozuo City roads lead to hydraulic annex limited the company. Participated in the drafting of this standard. Eaton (Ningbo) fluid connector Ltd., Jiaying Mai Site Pipe Manufacturing Co., Ltd., Jianhu special Jia Hydraulic Fittings Co., Ltd. Haiyan high Bo pipe fittings, pipe Manufacturing Co., Ltd. Haiyan. The main drafters of this standard. Gengzhi school, Li Weirong, Zhou Shunhua, Wang Limin, Zuo Jun, Tao Zhongming, Ruanhao Feng, Zhou Jianfei, Feng Feng. This standard replaces the standards previously issued as follows:
 - GB/T 5635.1-1985, GB/T 5635.2-1985. Flared taper thread tee

1 Scope

China's national standard for the flared tube male branch tee with a tapered thread. It performs the same function as the adjustable branch tee - carrying a tube run and drawing a branch into a threaded port - but seals on a tapered thread, which is the port form found on most cast and machined housings in general industry. The trade is the familiar one across this family: the tapered thread needs no sealing face in the housing and is therefore cheaper to provide, and in exchange the fitting's final orientation is whatever correct tightening leaves, so both tube legs must be able to accommodate it. In practice that means the tubes are bent to suit the fitting rather than the fitting set to suit the tubes, which is workable when the tubes are made after the fitting is installed and troublesome when they are not. 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 thread tee 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 threaded tee fitting body and the dimensions shall comply with Figs. 1 to 4 and Table 1, the connector body size should be flared end Comply with GB/T 5652's.

4 Mark

4.1 labeling method Flared type tube fittings and threaded connector body marking

methods should be consistent with GB/T 5653 regulations.

4.2 tag example Flared type A, the pipe diameter of 10mm, steel flared tee 55 ° taper thread sealing pipe thread (R), the surface of galvanized pipe joint Head marked. Fittings GB/T 5635 A10/R1/

4 Flared type A, the pipe diameter of 10mm, steel flared tee 55 ° taper thread sealing pipe thread (R), surface galvanized joint Body mark. Joint body GB/T 5635 A10/R1/4

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.