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

GB/T 5633-2008

Flared couplings - Straight thread branch tee

扩口式可调向端三通管接头

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Foreword

This standard is one flared fittings series. This standard is GB/T 5633.1-1985 "flared adjustable to the end of the tee," and GB/T 5633.2-1985 "the flare may Amendment to the end of the tune tee Style ". The main amendments are.

- The two standard content integration;
- Modify the English name;
- Increasing the hexagonal structure of the blank;
- Adjustable to modify the size of the end;
- 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 5633.1-1985, GB/T 5633.2-1985. 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., Haiyan tube Manufacturing Co., the company. Participated in the drafting of this standard. Eaton (Ningbo) fluid connector Ltd., Jiaxing Mai Site Pipe Manufacturing Co., Ltd., Jianhu special Jia Hydraulic Fittings Co., Ltd., a high-Bo Haiyan Pipe Fittings Co., Ltd. Jiaozuo City roads lead to hydraulic attachments. The main drafters of this standard. Gengzhi school, Li Weirong, Zhou Shunhua, Zhou Jianfei, Zuo Jun, Tao Zhongming, Ruanhao Feng, Wang Limin, Feng Feng. This standard replaces the standards previously issued as follows:
- GB/T 5633.1-1985, GB/T 5633.2-1985. Adjustable end flared tee

1 Scope

China's national standard for the adjustable straight thread branch tee. The branch tee takes a run of tube past a port and draws a branch off it into that port - or the reverse - and this member does so with an adjustable straight thread, sealed on the face of the boss and locked by a nut, so the tee can be rotated to bring its run into line with the tube it must join. That adjustment is what makes the fitting usable, because a tee has two tube connections rather than one and both must line up: a fixed tapered tee that ends up a few degrees out forces both tubes into bending, and there is no way to correct it without disturbing the seal. Branch tees are how pressure and return lines are tapped for gauges, accumulators and secondary circuits. The standard specifies the dimensions, marking and technical requirements for tube outside diameters of 4 to 34 mm at working pressures of 3.5 to 16 MPa.

This standard specifies the end flare Adjustable tee fitting body and the dimensions, marking and technical requirements. 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 5649-2008 fittings with nut and washer

GB/T 5652-2008 flared flared end fittings Dimensions

GB/T 5653-2008 flared tube fittings

3 Dimensions

Adjustable size flared end tee and the joint body shall comply with Figs. 1 to 4 and Table 1, the size should be adjustable to the end symbol Co GB/T 3765 Appendix A in the L series of provisions, the flared end connector body size should be consistent with the provisions of GB/T 5652's.

4 Mark

4.1 labeling method Flared end to the three-way adjustable fittings and joints labeling method body should be consistent with GB/T 5653 regulations.

4.2 tag example Flared type A, the pipe diameter of 10mm, the common thread (M) Adjustable threaded post terminals, steel flared surface galvanized adjustable To the end of the tee markers are. Fittings GB/T 5633 A

10 Flared type A, the pipe diameter of 10mm, the common thread (M) Adjustable threaded post terminals, steel flared surface galvanized adjustable To the end of the tee body marked. Joint body GB/T 5633 A10

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.