

ICS 21.060.60

CCS J 15



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

GB/T 5650-2008

Flared couplings - Inverted flare bolts

扩口式管接头用空心螺栓

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**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Dimensions
- 4 Mark
- 5 Technical requirements

Foreword

This standard is one flared fittings series. This standard is GB/T 5650-1985 revised "flared fittings hollow bolts" of. The main amendments are.

- Modified Chinese and English name;
- 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 5650-1985. The standard proposed by China Machinery Industry Federation. This standard by the National Standardization Technical Committee pipe accessories. This standard is drafted by: Productivity Promotion Center in the machine. Participated in the drafting of this standard. Haiyan Pipe Manufacturing Co., Eaton (Ningbo) fluid connector Ltd., Jiaxing Mai Site fittings Manufacturing Co., Ltd., Jianhu particularly good hydraulic pipe fittings Co., high-Bo Haiyan Pipe Co., Ltd., Haiyan tube Manufacturing Co., Hydraulic annex Ltd. Jiaozuo City lead. The main drafters of this standard. Li Weirong, Gengzhi school, Zhou Shunhua, Li Junying, Tao Zhongming, Zuo Jun, Ruanhao Feng, Zhou Jianfei, Wang Limin, Feng Feng. This standard replaces the standards previously issued as follows:
- GB/T 5650-1985. Flared type tube fittings hollow bolt

1 Scope

China's national standard for the hollow bolt used with flared tube couplings. The hollow bolt - the banjo bolt - carries fluid through its own shank, so a connection can be made where there is no room for a fitting standing proud of a surface: the bolt passes through an eye on the end of the tube and screws into a tapped hole, sealing on washers either side, and the fluid passes from the bolt's cross-drillings into the eye. Two things follow from that, and both matter. The connection is completely free to rotate until the bolt is tightened, so the tube

can be aimed anywhere; and the whole assembly stands only as high as a bolt head, which is why it is used on brake and clutch cylinders, on engine oil feeds and wherever a fitting would be struck. The standard specifies the hollow bolt's dimensions, marking and technical requirements, for tube outside diameters of 4 to 18 mm at 3.5 to 16 MPa.

This standard specifies the flare tube fittings hollow bolt size, marking and technical requirements. This standard applies to pipe outside diameter 4mm ~ 18mm, 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 5653-2008 flared tube fittings

3 Dimensions

Flared type tube fittings size hollow bolt shall comply with the provisions of Figure 1 and Table 1.

4 Mark

4.1 labeling method Flared type tube fittings hollow bolt labeling methods should be consistent with GB/T 5653 regulations.

4.2 tag example Tube outer diameter of 10mm, zinc coated steel flared tube fittings A-type hollow bolt marked as follows: Bolt GB/T 5650 A10

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.