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

GB/T 5651-2008

Flared couplings - Seat insert

扩口式管接头用密合垫

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Foreword

This standard is one flared fittings series. This standard is GB/T 5651-1985 "flared fittings gasket," the amendment. 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 5651-1985. 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 5651-1985. Flared type tube fittings gasket

1 Scope

China's national standard for the seat insert used in flared tube couplings. The insert is the small conical seat that the tube's flare is pressed against, supplied as a separate part rather than machined into the fitting body. Separating it has a purpose: the seat is the one surface in the joint that does the sealing, it is the surface that suffers if a joint is assembled dirty or overtightened, and it can be made of a material chosen for that duty rather than the material the body happens to be. Where a fitting is expected to be broken and remade

many times - a test connection, a gauge point, a component changed at every service - an insert that can be replaced is worth far more than a body that must be scrapped when its cone is scored. The standard specifies the insert's dimensions, marking and technical requirements, for tube outside diameters of 4 to 18 mm at working pressures of 3.5 to 16 MPa.

This standard specifies the flare tube fittings gasket dimensions, 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 gasket dimensions shall comply with the provisions of Figure 1 and Table 1.

4 Mark

4.1 labeling method Flared type tube fittings labeling methods gasket should be consistent with the provisions of GB/T 5653's.

4.2 tag example Tube outer diameter of 10mm, not surface-treated steel flared tube fittings Type A gasket marked. Gasket GB/T 5651 A10

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.