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

GB/T 5625.1-1985

Replacing GB/T 5625.1-1985; GB/T 5625.2-1985

**Flared couplings -- Straight thread
(English Translation)**

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Foreword

This standard is one flared fittings series.

This standard is GB/T 5625.1-1985 "Flared Straight fittings" and GB/T 5625.2-1985 "flared end straight tube Joint body "amendments. The main amendments are as follows.

- The two standard content integration;
- Modify the English name;
- Increasing the F type threaded end-column, A column type threaded end increased 55 ° unsealed pipe thread (G);
- 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 5625.1-1985, GB/T 5625.2-1985.

The standard proposed by China Machinery Industry Federation.

This standard by the National Standardization Technical Committee pipe accessories.

1 Scope

This standard specifies the flared end of the straight pipe dimensions, marking and technical requirements of the joint 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 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 5652-2008 flared end fittings Dimensions GB/T 5653-2008 flared tube fittings GB/T 19674.2-2005 hydraulic fittings with threaded ports and end-column packing column ends (A and E)

3 Dimensions

Flared type with A type column ends of straight pipe joints and the joint body size should be consistent with Figures 1, 2 and specified in Table 1, column A type end type Size should be consistent with the provisions of GB/T 19674.2 of.

Flared type column with F-type connector end of the straight tube size and connector body should conform to Figure 3, the provisions of Figure 4 and Table 2, F-type column end type Size should be consistent with the provisions of GB/T 3765 Appendix A.

Flared end connector body size should be consistent with the provisions of GB/T 5652's.

4.1 Labeling method

Flared Straight labeling method body joints and pipe fittings shall comply with GB/T 5653's.

4.2 Tag example

Flared type A, the pipe diameter of 10mm, steel flared end common thread (M) A type column end surface of the straight pipe joint galvanized Head marked.

Fittings GB/T 5625 A10/M14 x 1.5 Flared type A, the pipe diameter of 10mm, the common thread (M) A type of end-column, steel flared end surface galvanized passthrough connector Body mark.

Joint body GB/T 5625 A10/M14 x 1.5

5 Technical requirements

Technical requirements according to GB/T 5653 regulations.