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

GB/T 3733.1-1983

Replacing GB/T 3733.1-1983; GB/T 3733.2-1983

**24-degree cone connectors -- Straight thread
(English Translation)**

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Foreword

This standard is one bite type pipe fittings series.

8434-1 this standard pipe joint structure type and size ISO .2007 "first metal pipe fittings for fluid power and general use Part 1. 24 ° compression fittings "(in English) of the relevant part of the basic agreement.

This standard is GB/T 3733.1-1983 "bite type pipe joint Straight" and GB/T 3733.2-1983 "Straight access card sets Amendment head Style ". The main amendments are as follows.

- The two standard content integration;
- Modify the English name;
- Increase the F-type, E-type, B-type threaded end-column, A column type threaded end increased 55 ° unsealed pipe thread (G);
- The nominal pressure G (250) and J (400) to modify the maximum working pressure of 10MPa ~ 63MPa, and is divided into LL, L and S three Series, product size range of adjustment has been made;
- Adjust the size of the pipe diameter range, and revised the relevant size;
- Reducing the parameters should be part of the manufacturer's control;
- Cancel the weight data;
- Cancel the marked surface roughness, surface roughness is given in GB/T 3765 "bite type pipe joint technical conditions" in.

Since the implementation of this standard replaces GB/T 3733.1-1983 and GB/T 3733.2-1983.

The standard proposed by China Machinery Industry Federation.

This standard by the National Standardization Technical Committee pipe accessories.

1 Scope

This standard specifies the bite type Straight pipe dimensions, marking and technical requirements of the joint and the joint body.

This standard applies to pipe outside diameter 4mm ~ 42mm, maximum working pressure of hydraulic fluid power and general 10MPa ~ 63MPa Purpose pipeline 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 3759-2008 bite type pipe joint connector nut GB/T 3764-2008 ferrule GB/T 3765-2008 bite type tube fittings GB/T 19674.2-2005 hydraulic fittings with threaded ports and end-column packing column ends (A and E) GB/T 19674.3-2005 hydraulic fittings with threaded ports and a metal to metal seal column ends column ends (B type) (ISO 9974-3. 1996, IDT)

3 Dimensions

Card sets end with F-type column ends of straight pipe joints and the size of the joint body should be consistent with Figure 1 and Table 1, F-type column ends Type size shall comply with GB/T 3765 Appendix A.

Card sets end with an E-type column ends of straight pipe joints and the size of the joint body should be consistent with Figure 2 and Table 2, E-type column ends Type size shall comply with the provisions of GB/T 19674.2 of.

Card sets end with a B-type column ends of straight pipe joints and the size of the joint body shall meet the requirements of Table 3 and Figure 3, B-pillar side Type size shall comply with the provisions of GB/T 19674.3 of.

Card sets end with A-type column ends of straight pipe joints and the size of the joint body should be consistent with Figure 4 and Table 4, A-type end-column type size shall comply with the provisions of GB/T 19674.2 of.

Ferrule end dimensions shall comply with GB/T 3764's.

4.1 Labeling method

Card sets labeling method Straight joints and pipe joint body shall comply with GB/T 3765's.

4.2 Tag example

Connector Series L, the pipe diameter of 10mm, the common thread (M) F-type column end, steel sleeve type end surface of the straight pipe galvanized Connector marked.

Fittings GB/T 3733 L10 Connector Series L, the pipe diameter of 10mm, the common thread (M) F-type column end, steel sleeve type end surface galvanized through-connection Head body marked.

Joint body GB/T 3733 L10