

ICS 21.060.60
CCS J 15



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

GB/T 3743.1-1983

Replacing GB/T 3743.1-1983; GB/T 3743.2-1983

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

Issued on: May 7, 2008

Implemented on: November 1, 2008

Issued by: Standardization Administration of China

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Foreword

This standard is one bite type pipe fittings series.

This standard is GB/T 3743.1-1983 "sleeve type end at right angles tee" and GB/T 3743.2-1983 "side straight card sets Amendment corner tee Style ". The main amendments are as follows.

- The two standard content integration;
- Modified Chinese and English name;
- To increase the adjustable threaded post end, canceled the original standard type A threaded post end;
- The nominal pressure G (250) and J (400) to modify the maximum working pressure of 10MPa ~ 63MPa, and is divided into two lines L and S Column series product size range of adjustment has been made;
- Adjust the size of the pipe diameter range, and revised the relevant size;
- Increasing the column in the form of the end structures of pipe thread;
- 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 3743.1-1983 and GB/T 3743.2-1983.

The standard proposed by China Machinery Industry Federation.

This standard by the National Standardization Technical Committee pipe accessories.

1 Scope

This standard specifies the card sets of adjustable size to the end of the elbow, marking and technical requirements tee and the joint body.

This standard applies to the pipe diameter of 6mm ~ 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 5649-2008 fittings with nut and washer

3 Dimensions

Card sets of adjustable size to the end of the elbow and tee fitting body shall comply with Figure 1, the provisions of Figure 2 and Table 1, adjusted to the size of the end shall comply with GB/T 3765 Appendix A of the joint body ferrule end dimensions shall comply with GB/T 3764's.

4.1 Labeling method

Adjustable sleeve type end labeling method elbow tee joints and the joint body should be consistent with the provisions of GB/T 3765's.

4.2 Tag example

Connector Series L, the pipe diameter of 10mm, the common thread (M) Adjustable threaded post end surface galvanized steel sleeve type can be Tune to end elbow tee marked.

Fittings GB/T 3743 L10 Connector Series L, the pipe diameter of 10mm, the common thread (M) Adjustable threaded post end surface galvanized steel sleeve type can be Tune to end elbow tee body marked.

Joint body GB/T 3743 L10

5 Technical requirements

Technical requirements according to the provisions of GB/T 3765's.