

ICS 23.040.60

CCS J15



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

GB/T 15530.6-2008

Replacing GB 10749-1989

**Loose plate flange in steel with a copper pipe or a weld-neck
collar in copper alloy for welding**

铜管折边和铜合金对焊环松套钢法兰

Issued on: August 25, 2008

Implemented on: April 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Type and size
- 3.2 Basic parameters

Foreword

GB/T 15530 "copper alloy and composite flanges" series of standards consists of the following eight components.

- GB/T 15530.1 whole cast copper alloy flanges;
- GB/T 15530.2 copper alloy welded flange;
- GB/T 15530.3 copper alloy plate flat welding flange;
- GB/T 15530.4 copper alloy with a neck flat welding flange;
- GB/T 15530.5 copper alloy flat steel welding Loose ring flange;
- GB/T 15530.6 hemming brass and copper alloy steel welding Loose ring flange;
- GB/T 15530.7 copper alloy flange cover;
- GB/T 15530.8 copper alloy and composite flanges technical conditions. This section GB/T 15530 Part 6. This Part replaces GB/T 10749-1989 "Marine brass sleeve hems loose steel flanges (four into bit)" and GB/T 15530.6-1995 "copper Alloy steel plate welded Loose ring flange. " This portion of the GB/T 10748-1989 and GB/T 15530.6-1995 main changes are as follows:
 - The two standard content integration, modified the standard name;
 - Of brass sleeve hems loose flange steel structure has been adjusted;
 - Of copper rings loose sleeve steel flange material according to the latest standards has been modified. This part is proposed by China Machinery Industry Federation. This part of the National Standardization Technical Committee pipe accessories. This section drafted by: China Shipbuilding Technology and Economy Research Institute, the machine Productivity Promotion Center, Hudong-Zhonghua Shipbuilding (Group) Ltd., Sheng Linhai City Star Copper Tube Co., Ltd.. The main drafters of this section. Li Junying, Tang Yu Ming, Luo Yuan hair, Panzhao You, He Huiqiong, Genghai Ping, Feng Feng. This part of the standard replaces the previous editions are.

--- GB/T 10749-1989;

--- GB/T 15530.6-1995. Brass and copper alloy welding hemming Loose ring flange steel

1 Scope

GB/T 15530.6-2008 is the Chinese national standard on loose plate flange in steel with a copper pipe or a weld-neck collar in copper alloy for welding, in the field of fluid systems and general-purpose components. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 25 August 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 April 2009. Classification: ICS 23.040.60, CCS J15. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section GB/T 15530 specifies the hem and brass copper alloy welding steel flange ring-song set (hereinafter referred to as flange) the type and size Inch, marking requirements. This section applies to the nominal pressure of not more than PN25 and Class300, working temperature not higher than 300 °C for various types of pipe flange design And manufacturing.

2 Normative references

The following documents contain provisions which, through reference

GB/T 15530 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 600 marine piping valves General technical requirements

GB/T 700-2006 carbon structural steel (ISO 630.1995, NEQ)

GB 712-2000 hull structural steel

GB/T 1184-1996 shape and position tolerances without individual tolerance value (eqv ISO 2768-2. 1989)

GB/T 1804-2000 General tolerances for linear and angular dimensions without individual tolerance tolerance (eqv ISO 2768-1. 1989)

GB/T 2501 Marine flange connection dimensions and sealing surface (four into position)

GB/T 5231-2001 processing of copper and copper alloy chemical composition and shape of the product

GB/T 15530.8 copper alloy and composite flanges technical conditions

3 Type and size

3.1 Flange is divided into the following two types.

- brass sleeve hems loose steel flanges;
- copper alloy welded steel flange ring-song set.

3.2 Basic parameters

3.2.1 brass sleeve hems loose steel flanges (A-type) pressure - temperature rating shown in Table 1. Table 1 A-type flange pressure - temperature rating Nominal -10 120 150 180 200 Maximum working pressure P/MPa Nominal size DN PN6 0.6 0.6 0.6 0.5 10 ~ 200