

ICS 47.080
CCS U 37



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

GB/T 11699-2008

Replacing GB/T 11699-2003; GB/T 19309-2003

**Small craft with inboard engine -- Propeller shaft ends and
bosses**

舷内机小艇 螺旋桨轴端和桨毂

(English Translation)

Issued on: March 5, 2008

Implemented on: September 1, 2008

Issued by: Standardization Administration of China

Table of Contents

Foreword
1 Scope
2 Normative references
3 Definitions
4 Dimensions
5 Structural details

Foreword

This revised standard adopts ISO 4566:1992 "Inboard Boat taper 1.10 propeller shaft and hub" (in English) and ISO 8845:1994 "Inboard Boat taper 1.16 propeller shaft and hub" (in English), including its errata ISO 8845.

1994/Cor. 1.1995.

This standard is based on ISO 4566. redraft 1994.1992 and ISO 8845.

Because of the special needs of legal requirements and industry standards at the time of the adoption of international standards it has been modified. These technical differences with Vertical single-line identification in terms of the involved margin.

For ease of use, this standard also made the following editorial changes.

--- "This International Standard" be replaced by "this standard";

"," --- With a decimal point instead of a comma as the decimal point, "";

--- Delete international standards foreword.

This standard replaces GB/T 11699-2003 "Inboard Boat taper 1.10 propeller shaft and hub" and GB/T 19309-2003 "Inboard Boat taper 1.16 propeller shaft and hub." Because this technique requires a large two criteria Substantially the same, only a little different size, should be integrated.

This standard and GB /and GB/T 19309-2003, compared T 11699-2003 main changes are as follows.

--- This standard is based on international standards ISO 4566:1992 "Inboard Boat taper 1.10 propeller shaft and hub" (English Version) and ISO 8845:1994 "Inboard Boat taper 1.16 propeller shaft and hub" (in English) will Content GB/T 11699-2003 and GB/T 19309-2003 integration;

--- Integration Revision of scope will taper 1.16 propeller shaft and the hub of the article note modify footnote 1);

--- For ease of use, increased the figure caption and table title;

--- After the integration of the use of the revised Standard GB/T 11699.

The standard proposed by China State Shipbuilding Corporation.

This standard by the National Standardization Technical Committee boat.

The standard editor Unit. Technical and Economic Research Institute of China Shipbuilding Industry.

1 Scope

This standard specifies the installation in the entertainment and commercial inboard engine boats, taper 1.10 and 1.161), shaft diameter from 20mm ~ 160mm the propeller hub and the propeller shaft interchangeability dimensions.

1) This standard specifies the taper of the propeller shaft and content hub of 1.16 apply to all new taper 1.16 SI size spiral Propeller shaft and propeller hub connected thereto. For being replaced inch size shaft and propeller applicable SAEJ755.

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.

ISO/R773. 1969 rectangular or square parallel keys and matching keyways (Dimensions in millimeters) ISO 1947. 1973 Taper C = 1.3 ~ 1.500, length from 6mm ~ 630mm cone conical fit tolerance

3 Definitions

The following terms and definitions apply to this standard.

Diameter shaft cone big end. If the tolerances are negligible, the same size and diameter of the cylinder axis.

Conical portion of the shaft can be assembled key to the entire propeller shaft torque is transmitted to the propeller, while allowing disassembly.

4 Dimensions

1.10 taper of the propeller shaft and hub dimensions shown in Figure 1 and Table 1. Table 1 in the "Reference dimensions" are nominal size, only Guidance only.

Table 1 in the structure shown in Figure 1 are not provided are not to be interchanged in the size of the decision by the manufacturer.

Taper 1.16 propeller shaft and hub dimensions shown in Figure 2 and Table 2.

The structure shown in Figure 2. In Table 2 does not specify the size of those who are not necessarily interchangeable, decided by the manufacturer.

Public preference should be given without parentheses diameter, followed by the selection of male brackets nominal diameter.

The same should be preferred thread diameter without parentheses, brackets and thread diameter as an alternative choice.

5 Structural details

1, the detail shown in Figure 2 is used to limit neither the design nor proportionally. Keys and keyways, its radius, thread cutting depth and the end of the thread, or other optional details (such as safety pin holes, center hole, etc.) and the type of structure or working methods permitted under coupling Construction and special needs of individual treatment.