
International Standard



6044

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Shipbuilding and marine structures — Derrick boom heel fittings — Main dimensions

Construction navale et structures maritimes — Ferrures de pied de corne de charge — Dimensions principales

First edition — 1985-12-15

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UDC 621.885.9 : 629.12

Ref. No. ISO 6044-1985 (E)

Descriptors : shipbuilding, lifting equipment, derricks, hinge joints, hinge pins, dimensions, materials, designation.

Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 6044 was prepared by Technical Committee ISO/TC 8, *Shipbuilding and marine structures*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Shipbuilding and marine structures — Derrick boom heel fittings — Main dimensions

1 Scope and field of application

This International Standard lays down the main dimensions for interchangeability and the materials for forks and associated bolts or pins of derrick boom heel fittings for shipbuilding and marine structures.

2 References

ISO 286, *ISO system of limits and fits*.¹⁾

ISO 630, *Structural steels*.

ISO/R 683/1, *Heat-treated steels, alloy steels and free-cutting steels — Part 1: Quenched and tempered unalloyed steels*.

ISO 8147, *Shipbuilding and marine structures — Derrick rigs and component parts — Vocabulary*.²⁾

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 8147 apply.

4 Nominal size

The nominal size designation of a derrick boom heel fitting is a numerical value without unit for reference purposes; it is derived from the permissible maximum thrust in the boom in kilonewtons.

5 Dimensions and tolerances

5.1 Main dimensions

The main dimensions of the fork and the associated bolt or pin of the derrick boom heel fitting shall be in accordance with figures 1 and 2 and the table.

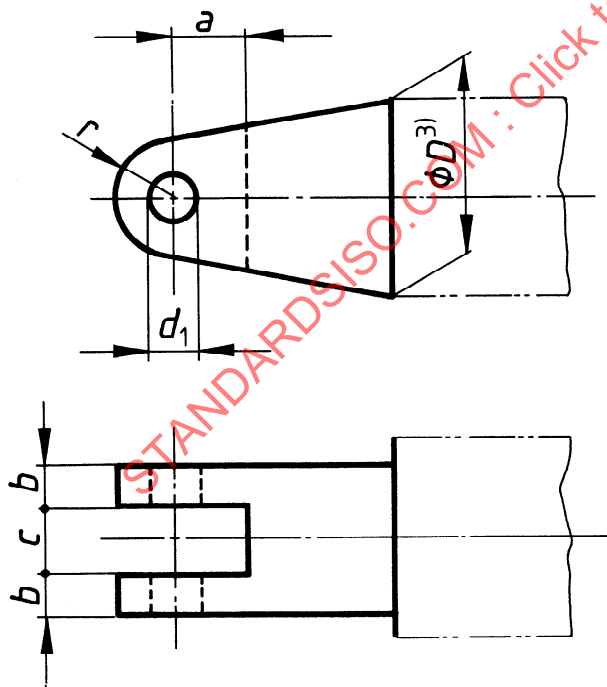


Figure 1 — Fork

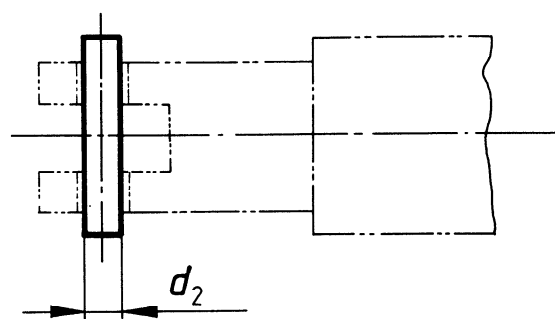


Figure 2 — Bolt or pin

1) At present at the stage of draft. (Revision of ISO/R 286-1962.)

2) At present at the stage of draft.

3) Diameter D of the fitting is equal to the outside diameter of the boom or is slightly greater, depending upon the form of weld attachment.