
International Standard



3876

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

Shipbuilding — Inland vessels — Hand-holes

Construction navale — Bateaux de navigation intérieure — Trous de main

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

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 3876 was prepared by Technical Committee ISO/TC 8, *Shipbuilding and marine structures*.

This second edition cancels and replaces the first edition (ISO 3876-1977), of which it constitutes a minor revision.

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 — Inland vessels — Hand-holes

1 Scope and field of application

This International Standard specifies the dimensions and designs of watertight and oiltight hand-holes for inland vessels.

2 References

ISO 261, *ISO general purpose metric screw threads — General plan.*

ISO 630, *Structural steels.*

ISO 657, *Dimensions of hot-rolled steel sections —*

*Part 1 : Equal-leg angles — Metric series — Dimensions and sectional properties.*¹⁾

*Part 2 : Unequal-leg angles — Metric series — Dimensions and sectional properties.*²⁾

3 Classification

3.1 Hand-holes are divided into two sizes :

- Size I : hand-holes of ϕ 150 mm
- Size II : hand-holes of ϕ 250 mm

3.2 Depending on the design, hand-holes are divided into three types :

- Type A : hand-holes with a coaming (see figure 1)

NOTE — Type A hand-holes constitute a danger to the safety of personnel; restrictions should therefore be imposed on the locations where they are installed.

- Type B : hand-holes without a coaming (see figure 2)
- Type C : hand-holes flush with the deck (see figure 3)

4 Dimensions

The dimensions of the two sizes of hand-holes of each of the three types shall be as shown in figures 1, 2 and 3.

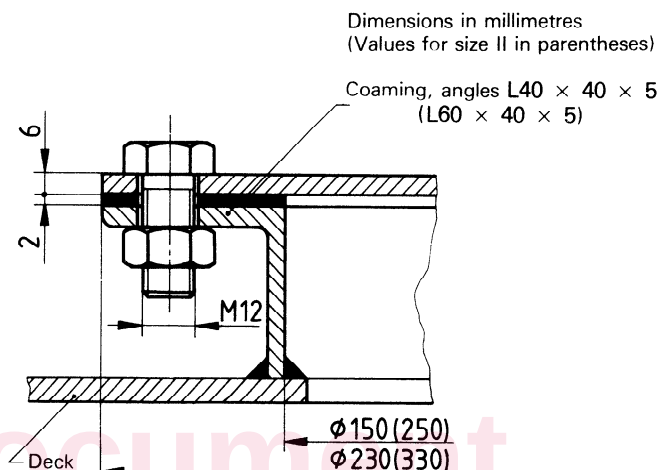


Figure 1 — Type A (hand-hole with coaming)

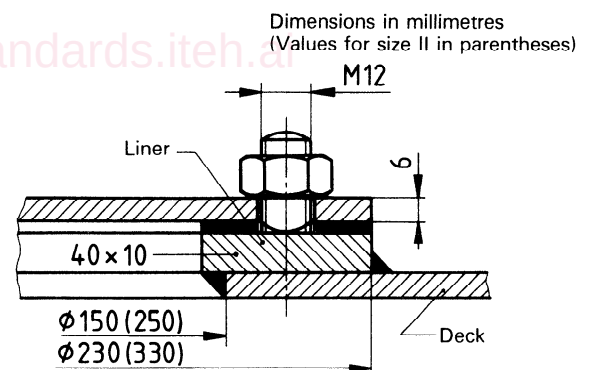


Figure 2 — Type B (hand-hole without coaming)

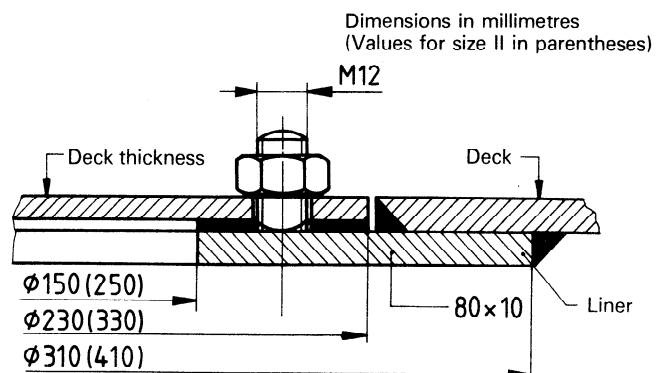


Figure 3 — Type C (hand-hole flush with deck)

1) At present at the stage of draft. (Revision of ISO/R 657/1-1968.)

2) At present at the stage of draft. (Revision of ISO/R 657/2-1968.)