
International Standard



4127/1

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

**Shipbuilding — Inland navigation — Fairleads —
Part 1 : Two-lip fairleads**

Construction navale — Navigation intérieure — Chaumards — Partie 1 : Chaumards à deux lèvres

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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.

International Standard ISO 4127/1 was developed by Technical Committee ISO/TC 8, *Shipbuilding*, and was circulated to the member bodies in June 1977.

It has been approved by the member bodies of the following countries :

Austria	Greece	Netherlands
Belgium	India	Poland
Brazil	Ireland	Romania
Bulgaria	Italy	Spain
Czechoslovakia	Japan	Turkey
Finland	Korea, Dem. P. Rep. of	United Kingdom
France	Korea, Rep. of	USSR
Germany, F.R.	Mexico	

No member body expressed disapproval of the document.

Shipbuilding — Inland navigation — Fairleads — Part 1 : Two-lip fairleads

1 Scope and field of application

This International Standard specifies the design, sizes, basic parameters and technical requirements of cast two-lip fairleads for inland vessels.

2 Reference

ISO 2408, *Steel wire ropes for general purposes — Characteristics.*

3 Design

3.1 The design of two-lip fairleads shall be as shown in the figure.

3.2 The basic dimensions and properties specified in this International Standard correspond to the following seven loads : 25, 40, 63, 100, 160, 250, 400 kN.

4 Technical requirements

4.1 These fairleads shall withstand, without damage and plastic deformation, the breaking load of a steel wire rope as indicated in the table.

4.2 Fairleads of this type shall be fabricated from weldable cast steel having a yield point of not less than 22×10^4 kN/m² (22 kgf/mm²).

4.3 Finish :

- annealed and cleaned (sand-blasted) casting.