



# Small craft — Rigging screws for stainless steel wire rope — Principal dimensions for forks, connection pins and eye-holes

*Navires de plaisance — Ridoirs pour câbles en acier inoxydable — Dimensions principales des chapes, axes et attaches*

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ISO/TR 4558 was prepared by Technical Committee ISO/TC 188, *Small craft*.

The reasons which led to the decision to publish this document in the form of a technical report type 1 are explained in the Introduction.

## 0 Introduction

Draft International Standard ISO/DIS 4558 was distributed to the member bodies in 1980. The results of the vote were examined by the appropriate technical committee which decided firstly, to consider adding lengths of open and closed rigging screws to the Draft and secondly, to reach agreement on the dimensions shown in the table.

In 1984, analysis of the comments and proposals relating to this study revealed the impossibility of changing existing practices in the countries concerned.

It was then decided to stop the work and propose drawing up a technical report, of type 1, allowing the member bodies interested to refer to it, thereby eventually facilitating harmonization.

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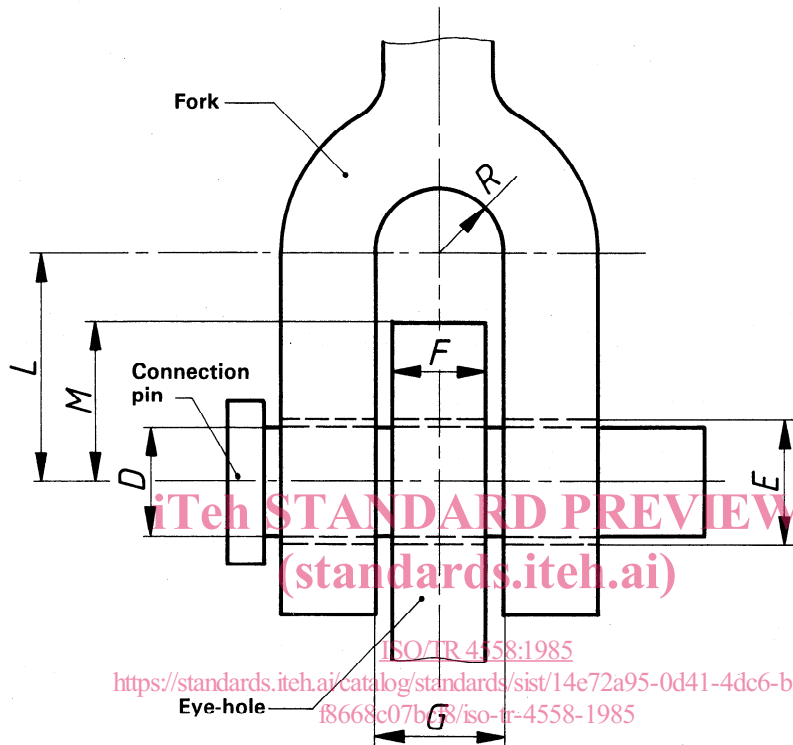
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## 1 Scope and field of application

This Technical Report defines the main dimensions of forks, connection pins and eye-holes of rigging screws for stainless steel wire rope, to ensure the compatibility, assembly and interchangeability of the various parts of standing rigging and attachments on yachts.

It does not apply to standing rigging and attachments which do not conform to the specified dimensions.

## 2 Principal dimensions



Dimensions in millimetres

Designation	Maximum diameter of wire rope	Maximum diameter of pin <i>D</i>	Minimum diameter of eye-hole <i>E</i>	Minimum thickness of eye <i>F</i>	Minimum width of fork slot <i>G</i>	Minimum usable depth of fork end <i>L</i>	Maximum length from eye-hole centre to end of eye <i>M</i>
3	3,2	6,5	7	6	6,5	11	10,5
4	4	8	8,5	7	7,5	14	13,5
5-6	6	10	10,5	9	10	17	16,5
7	7,5	13	13,5	11	11,5	23	22,5
8-10	10	16	16,5	14	14,5	30	29,5
11-13	13	19	20	18	19	35	34
14-16	16	22	23	22	23	40	39
19	19	27	28,5	27	28,5	50	48,5
22	22,2	33	34,5	33	34,5	55	53,5
25	25,4	33	34,5	33	34,5	60	58,5

Figure – Principal dimensions for forks, connection pins and eye-holes

## 3 Designation

Example of the designation of a rigging screw for a wire rope with a diameter of 10 mm and an eye-hole of 14 mm:

Rigging screw No. 8-10 - ISO 4558