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Lifting hooks — Nomenclature

Crochets de levage — Nomenclature

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 1837 was prepared by Technical Committee ISO/TC 111, *Round steel link chains, chain slings, components and accessories*, Subcommittee SC 3, *Components and accessories*.

This second edition cancels and replaces the first edition (ISO 1837:1973), which has been technically revised.

Lifting hooks — Nomenclature

1 Scope

This International Standard establishes the nomenclature for various types of hooks used on lifting equipment.

2 Classification

A lifting hook is classified

- a) according to its method of attachment (e.g. shank hook, Figure 1 to 4, eye hook, Figure 5 to 9, clevis hook, Figure 10 to 15, swivel eye hook, Figures 16 and 17), and
- b) according to its shape or other defining characteristics, including its intended use (e.g. ramshorn hook, self-locking hook, foundry hook).

NOTE For practical reasons some combinations of the method of attachment and the defining characteristics are not used.

Figures 1 to 17 give typical examples of the most frequently used types of hook and the nomenclature.



Figure 1 — Shank hook with point

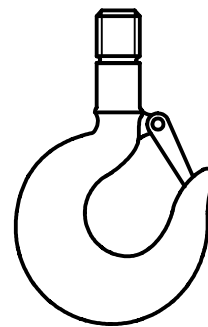


Figure 2 — Shank hook with point and latch

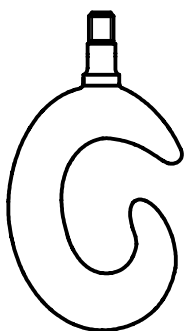


Figure 3 — Shank C hook

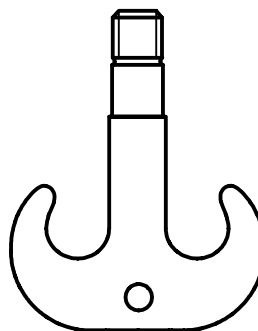


Figure 4 — Shank ramshorn hook

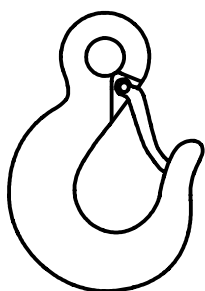


Figure 5 — Eye hook with point and latch



Figure 6 — Eye C hook

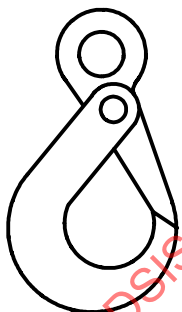


Figure 7 — Eye-type self-locking hook

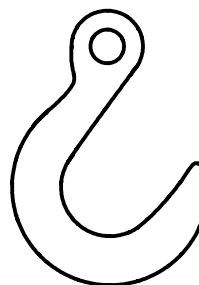


Figure 8 — Eye-type foundry hook



Figure 9 — Eye grab hook

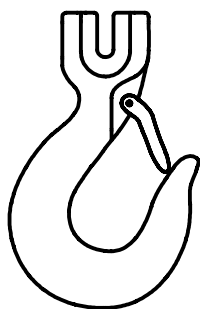


Figure 10 — Clevis hook with point and latch

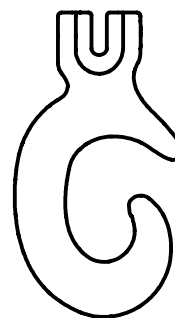


Figure 11 — Clevis C hook

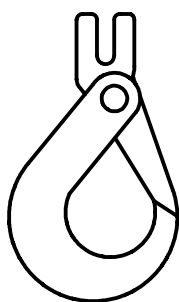


Figure 12 — Clevis self-locking hook



Figure 13 — Clevis foundry hook

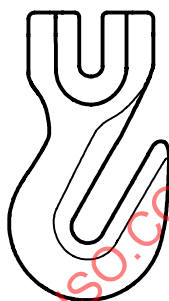


Figure 14 — Clevis grab hook

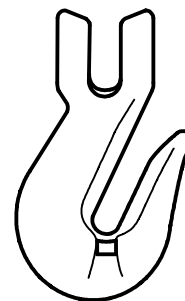


Figure 15 — Clevis grab hook with link support

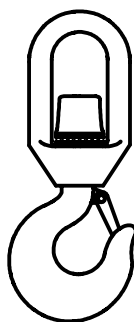


Figure 16 — Swivel eye hook with point and latch

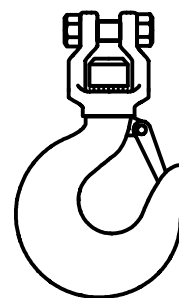


Figure 17 — Swivel clevis hook with point and latch

Bibliography

- [1] ISO 4779, *Forged steel lifting hooks with point and eye for use with steel chains of grade M(4)*
- [2] ISO 7597, *Forged steel lifting hooks with point and eye for use with steel chains of grade T(8)*
- [3] ISO 8539, *Forged steel lifting components for use with grade T(8) chain*

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