

INTERNATIONAL STANDARD

ISO 1837

Second edition
2003-03-01

Lifting hooks — Nomenclature

Crochets de levage — Nomenclature



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Foreword

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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.

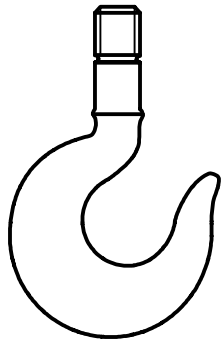


Figure 1 — Shank hook with point

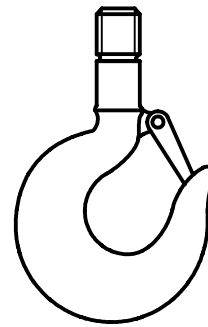


Figure 2 — Shank hook with point and latch

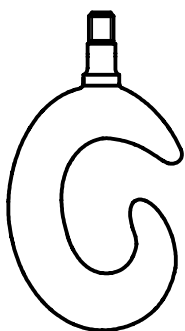


Figure 3 — Shank C hook

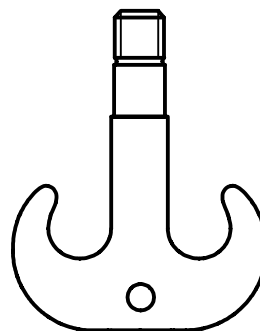


Figure 4 — Shank ramshorn hook

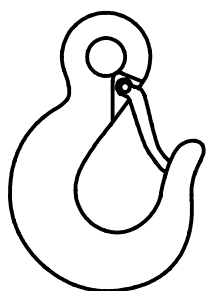


Figure 5 — Eye hook with point and latch

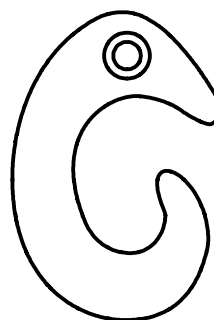


Figure 6 — Eye C hook

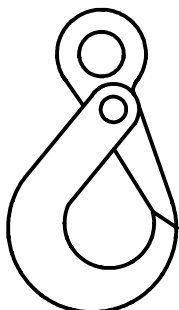


Figure 7 — Eye-type self-locking hook

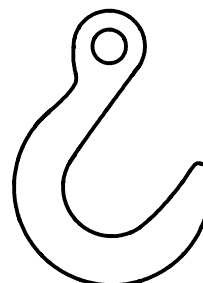


Figure 8 — Eye-type foundry hook

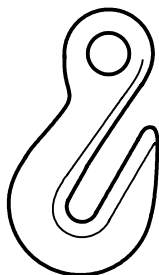


Figure 9 — Eye grab hook

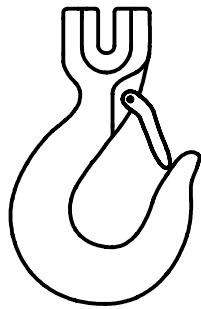


Figure 10 — Clevis hook with point and latch

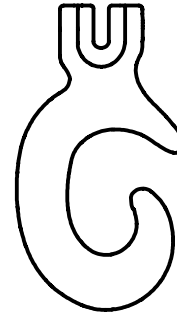


Figure 11 — Clevis C hook

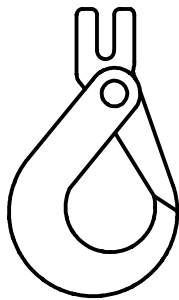


Figure 12 — Clevis self-locking hook

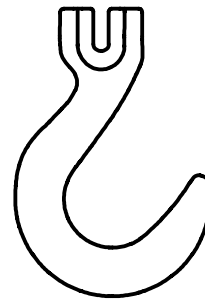


Figure 13 — Clevis foundry hook

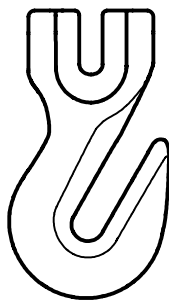


Figure 14 — Clevis grab hook

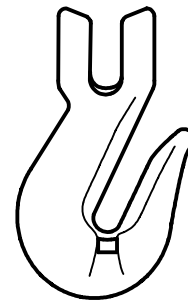


Figure 15 — Clevis grab hook with link support

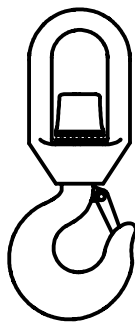


Figure 16 — Swivel eye hook with point and latch

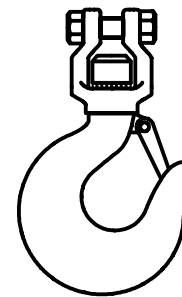


Figure 17 — Swivel clevis hook with point and latch

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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