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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 46641-2025

Portable chain-saws - Minimum handle clearance and sizes

便携式链锯 手把最小空隙和尺寸

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

This document is equivalent to ISO 7914:2023 "Minimum clearance and dimensions of handles for portable chainsaws used in forestry machinery".

The following minimal editorial changes have been made to this document.

---To align with existing standards, the standard name has been changed to "Minimum clearance and dimensions for portable chainsaw handles".

1 Scope

This document specifies the minimum clearance and corresponding dimensions for the front and rear handles of portable handheld chainsaws.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document. uly)

Note: GB/T 18960-2023 Portable Chainsaw Terminology (ISO 6531:2017, IDT)

ISO 6533 Dimensions and clearances of hand guards for portable chainsaws used in forestry machinery.

Note: GB/T 46649-2025 Dimensions and clearances of hand guards for portable chainsaws (ISO 6533:2020, IDT)

3 Terms and Definitions

The terms and definitions defined in ISO 6531 apply to this document.

4.1 Forehand handlebars

The structure and position of the front handle should ensure that operation is not hindered within the entire grip area when the operator is wearing gloves, as shown in Figure 1. Figure 3.

The length of the gripping area should be determined using reference points X0 and X1 as shown in Figure 2. Reference point X0 should be determined according to ISO 6533. Sure.

Reference point X1, as shown in Figure 2, is determined by the bottom left side of the Type A gauge (according to ISO 6533).

The gauge should be parallel to the center line of the front handlebar and, starting from one side of the handlebar center line, pressed firmly against the handlebar. The gauge should be moved until it contacts the machine.

The outer casing or any obstruction. Reference point X1 is located at the intersection of the lower circular surface of the Type A gauge and the handle.

When an A-type gauge cannot be inserted between the machine handle and the outer casing, the gauge should be shortened, but the shortened length should not exceed the necessary limit.