

JB

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

JB/T 10970-2010

Test rules for chain press-out force

链条压出力试验规范

(English Translation)

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1 Scope

This standard specifies the technical requirements, sample preparation, test conditions, test methods, etc. for the extrusion force test of precision roller chains (including heavy-load series), bushing chains, motorcycle chains.

This standard applies to chains manufactured in accordance with the requirements of GB/T 1243-2006 and GB/T 14212-2003. Other chains with the same structure, similar type and size (excluding electroplated chains) can be implemented as a reference.

2 Normative references

The provisions in following documents become the provisions of this Standard through reference in this Standard. For the dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this Standard; however, parties who reach an agreement based on this Standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 1243-2006 Short-pitch transmission precision roller and bush chains, attachments and associated chain sprockets (ISO 606:2004, IDT)

GB/T 9785-2007 Chains, sprockets and accessories - List of equivalent terms (ISO 13203:2005, IDT)

GB/T 14212-2003 Motorcycle chains - Characteristics and test methods (ISO 10190:1992, IDT)

3 Terms and definitions

The terms and definitions established in GB/T 9785 apply to this standard.

4 Technical requirements

4.1

The extrusion force of precision roller chains and bushing chains shall comply with the provisions of Table 1. The extrusion force of the heavy-duty series of precision roller chains shall comply with the provisions of Table 2 (the chain numbers and pitches in Tables 1 and 2 are the same as those in GB/T 1243). The extrusion force of motorcycle