

ICS 21.060.10
CCS J13



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

GB/T 70.4-2025

Replacing GB/T 70.4-2015

**Fasteners - Hexagon socket screw - Part 4: Hexagon socket
button head screws with collar and reduced loadability**

紧固件 内六角螺钉 第4部分：降低承载能力内六角平圆头凸缘螺钉

(English Translation)

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Foreword

GB/T 70.4-2025 is a recommended national standard (GB/T) of the People's Republic of China, issued on 31 October 2025 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 February 2026.

This edition replaces GB/T 70.4-2015.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the China Machinery Industry Federation.

Classification: ICS 21.060.10; CCS J13.

1 Scope

This standard is Part 4 of the series on hexagon socket screws and concerns hexagon socket button head screws with collar and reduced loadability. The collar is the flange under the head, and the reduced loadability designation indicates a lower load rating than that of the standard head form. It is a recommended national standard.

Fastener makers, stockists, design engineers, assembly plants and procurement teams can use it to describe and order this screw type. Quality inspectors and importers who handle Chinese-made fasteners will find a clear product reference helpful when checking incoming goods against drawings.

It was issued on 31 October 2025 and took effect on 1 February 2026, so it is now in force. It replaces GB/T 70.4-2015, and organisations that quote the earlier edition in specifications or catalogues should update their references.