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

GB/T 17394.4-2014

**Metallic materials - Leeb hardness test - Part 4: Tables of
hardness values conversation**

金属材料 里氏硬度试验 第4部分：硬度值换算表
(English Translation)

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Foreword

GB/T 17394 Metallic Materials - Leeb Hardness Test consists of the following 4 parts:

- Part 1: Test Method;
- Part 2: Verification and Calibration of Hardness Tester;
- Part 3: Calibration of Reference Blocks;
- Part 4: Tables of Hardness Values Conversation.

This Part is Part 4 of GB/T 17394.

This Part was drafted as per the rules specified in GB/T 1.1-2009.

This Part was proposed by China Iron and Steel Industry Association.

This Part shall be under the jurisdiction of National Technical Committee on Steel of Standardization Administration of China (SAC/TC 183).

Drafting organizations of this Part: Central Iron & Steel Research Institute; and China Metallurgical Information and Standardization Institute.

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Metallic Materials - Leeb Hardness Test - Part 4: Tables of
Hardness Values Conversion

1 Scope

This Part of GB/T 17394 gives the tables of Leeb hardness values conversion for D-type, G-type and C-type impact devices.

2 Tables of Leeb Hardness Values Conversion for D-Type

Impact Device

For the tables of Leeb hardness values conversion for D-type impact device made of carbon steel,

low-alloy steel and cast steel, cast iron, cast aluminum alloy, copper-zinc alloy, copper-aluminum alloy and copper-tin alloy, pure copper and low-copper alloy, see Tables 1, 2, 3, 4, 5

and 6, respectively.

Table 1 -- Carbon Steel, Low Alloy Steel and Cast Steel ($E \sim 210000$ MPa)

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