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

GB/T 15825.3-2008

Replacing GB/T 15825.3-1995

**Sheet metal formability and test methods - Part 3: Drawing and
drawing load test**

金属薄板成形性能与试验方法 第3部分：拉深与拉深载荷试验

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Foreword

GB/T 15825 "Performance and test methods for sheet metal forming" is divided into eight sections.

- Part 1. formability and indicators;
- Part 2. General test procedures;
- Part 3. drawing and drawing load test;
- Part 4. reaming test;
- Part 5. bending test;
- Part 6. Cone cup test;
- Part 7. Test lug;
- Part 8. Forming Limit Diagram (FLD) Determination Guide. This part of GB/T 15825 Part 3. This Part replaces GB/T 15825.3-1995 "sheet metal forming and test methods - Drawing and drawing load test." Section compared with the GB/T 15825.3-1995, major changes in the following.
- Added "foreword";
- 2 Normative references" added the introductory text;
- Increasing the table name 2;
- Modified 4.4.2.2, and
- 4.4.2.2 into using column item

1 Scope

GB/T 15825.3-2008 is the Chinese national standard on sheet metal formability and test methods - part 3: drawing and drawing load test, in the field of metallurgy. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is

how most foreign buyers meet it. It was issued on 23 December 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 June 2009. Classification: ICS 77.040.10, CCS J32. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section GB/T 15825 in the provisions of the LDR as an index sheet metal forming deep pull performance test methods, namely drawing test Experience and drawing load test of two methods. This section applies to a thickness of 0.45mm ~ 2.50mm of sheet metal, the relevant parties, may be appropriate to expand the applicable thickness range.

2 Normative references

The following documents contain provisions which, through reference

GB/T 15825 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 15825.2-2008 sheet metal formability and test methods - Part 2. General test procedures 3 symbols, names and units The symbols used in this section, name and unit are shown in Table 1. Table 1 symbol, name and unit

Symbol	Name	Unit
Dd	die diameter	mm
(D0) max	Maximum specimen diameter	mm
A	die Face (face)	
B	clamping ring Face	
Fp	drawing force	N
Fc	BHF	N
Fcmin	minimum BHF	N
LDR	LDR	
A	group of the same diameter of the sample, the number of specimens unruptured and ruptured the number of samples is equal to (all three), the trial of the group	mm