

KES T - 1200

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1. Scope of Application

2. Purpose

3. Test Instrument

4. Test Preparation

5. Test Method

6. Measurement Items

Supplementary Provision

1. Scope of application

This standard shall be applied to the compression test of body and frame component of all types of car.

2. Purpose

When a car is crashed, to analyze and evaluate the energy absorption ability of body and frame which play an important role in absorbing energy, the purpose of this standard shall be to evaluate the energy absorption ability through the compression test by cutting or manufacturing these parts.

3. Test Instrument

- (1) Hydraulic pressure compression test instrument(horizontal test)
- (2) Universal test instrument(vertical test)
- (3) X-Y recorder

4. Test Preparation

- (1) Select the test material with 500~1000mm length or so.
- (2) Weld in the upper and the lower sides of the test material using the jig for brittle part(10t steel plate) – at this time notice the horizontal maintenance of the upper and the lower jig.
- (3) Attach the prevention plate in order not to happen the winding in case that the test material is eccentric.
- (4) Equip the test instrument with the test material.