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JIS A 1522 : 1996

**Windows and doorsets — Mechanical  
deformation test of edge rail**

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## Windows and doorsets — Mechanical deformation test of edge rail

**1 Scope** This Japanese Industrial Standard specifies, among the in-plane and out-of-plane deformation tests listed in **JIS A 1513**, the mechanical deformation test of edge rail/stile of windows and doorsets using weights.

Remarks The normative references of this Standard are as follows.

JIS A 1513 *Windows and doorsets — General rule for test method*

JIS Z 8401 *Rules for rounding off of numerical values*

**2 Terms and definitions** For the purpose of this Standard, the following terms and definitions apply.

- (1) **edge rail/stile** rail which comes into contact with the frame at the time of closing, and to which a handle etc. are attached
- (2) **sliding** type of window/doorset whose sash(es)/leaf(s) moves within the plane of the frame
- (3) **swing** type of window/doorset whose sash(es)/leaf(s) moves outside the plane of the frame

**3 Test apparatus** The test apparatus mainly consists of the following elements (1) to (5). See also Figs. 1 to 5.

- (1) **Specimen mounting rig**, constructed to enable mounting of a specimen as in normal service, and sufficiently rigid to withstand test loads without generating any sort of deformation that may affect the test results.
- (2) **Weight**, attached to a jig for suspending it as shown in Fig. 1 and made of metal.

**Fig. 1 Weight (example)**

