

JIS

JAPANESE INDUSTRIAL STANDARD

Cross Recesses for Screws

JIS B 1012—1985

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by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

JAPANESE INDUSTRIAL STANDARD

J I S

Cross Recesses for Screws

B 1012-1985
(Reaffirmed: 1990)1. Scope

This Japanese Industrial Standard specifies the shape, dimensions and measuring method for cross recesses formed on the heads of machine screws, wood screws, tapping screws and the like, hereinafter referred to as the "cross recess".

Remark: Cross recess Type H (see 3.) and cross recess Type Z (see 4.) correspond to ISO 4757-1983.

2. Types

Cross recesses shall be classified into three types given in Table 1, according to their shapes.

Table 1 Type of Cross Recess

Type	Applicable screws
Type H Type Z	Screws of nominal thread diameters not less than M 1.6 for general use
Type S	Screws of nominal thread diameters not more than M 2 and small head screws of nominal thread diameters not more than M3

3. Cross Recess Type H

3.1 Shape and Dimensions of Cross Recess Type H The shape and dimensions of the cross recess Type H shall comply with Table 2. However, dimensions and angles given in Table 2 are theoretical values used for designing the cross recess Type H and shall not be used as the subject of inspection.

Applicable Standard:

JIS B 7507-Vernier Callipers

Corresponding International Standard:

ISO 4757-1983-Cross recesses for screws

Reference Standard:

JIS B 0401-Limits and Fits for Engineering

JIS B 7503-Dial Gauges Reading in 0.01 mm

JCIS 8-70-Cross Recessed Head Machine Screws for Precision
Instruments (No.0)