

JIS

JAPANESE INDUSTRIAL STANDARD

Dimensions of
Widths Across Flats

JIS B 1002—1985

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Dimensions of Widths Across Flats

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1. Scope

This Japanese Industrial Standard specifies the dimensions of widths across flats applied to threaded fasteners and spanners (¹) and the dimensions of widths across flats corresponding to the thread nominal diameters of hexagon head bolts, hexagon nuts, hexagon socket set screws, and hexagon socket head cap screws.

Note (¹) The spanners herein referred to also include sockets for socket wrenches (box spanners), offset wrenches, screw keys, and the like beside general round head spanners and spear head spanners.

Remark: The series of widths across flats specified in Attached Table 1 of this standard includes the widths across flats of hexagon parts specified in ISO 272-1982, ISO 2343-1972 and ISO 4762-1977.

Attached Table 2 includes the widths across flats of hexagon head bolts and hexagon nuts specified in ISO 272 and the width across flats of hexagon sockets specified in ISO 2343 and ISO 4762.

2. Dimensions of Widths Across Flats

The dimensions of widths across flats applied to threaded fasteners and spanners shall be as specified in Attached Table 1.

3. Widths Across Flats of Hexagon Head Bolts, Hexagon Nuts, Hexagon Socket Set Screws and Hexagon Socket Head Cap Screws

The dimensions of widths across flats corresponding to the thread nominal diameters of hexagon head bolts and hexagon nuts and the thread nominal diameters of hexagon socket set screws and hexagon socket head cap screws shall be as specified in Attached Fig. 2.

Applicable Standards and Corresponding International Standards: See page 6.

**Documents**

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