

JIS

JAPANESE INDUSTRIAL STANDARD

Limits of Sizes and Tolerances for
Unified Fine Screw Threads

JIS B 0212⁻¹⁹⁷³

Translated and Published
by
Japanese Standards Association



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B 0212-1973

Japanese Text

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Investigated by: Japanese Industrial Standards Committee
Technical Committee on Screw Threads (Basic)
(Chairman: YAMAMOTO Noboru)
Divisional Council on Machine Element
(Chairman: HAYASHI Kineo)

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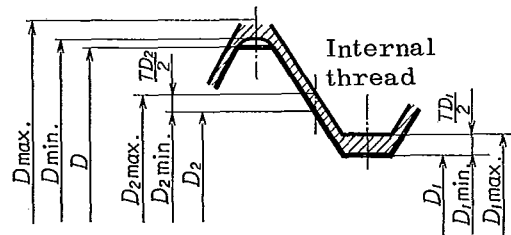
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1. Scope

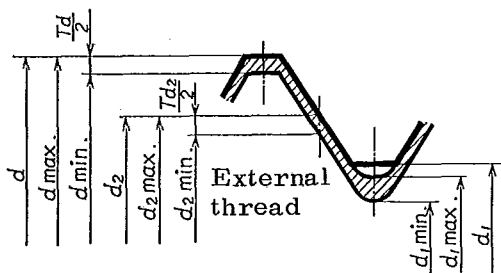
This Japanese Industrial Standard specifies limits of sizes and tolerances for unified fine screw threads specified in JIS B 0208-Unified Fine Screw Threads, mainly used for the purpose of fastening.

2. Relations of Basic Profile, Basic Dimensions, Limits of Sizes, Tolerances, and Fundamental Deviations

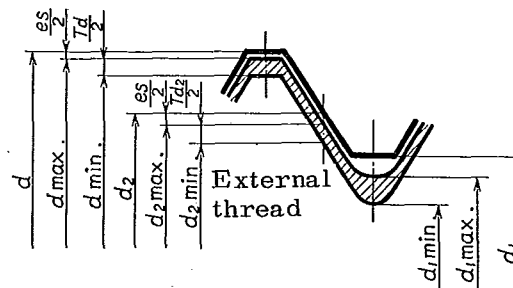
The relations of basic profile, basic dimensions, limits of sizes, tolerances, and fundamental deviations are shown in the following Figure:



For Classes 3 B, 2 B and 1 B Screw Threads ($EI = 0$)



For Class 3 A Screw Thread
($es = 0$)



For Classes 2 A and 1 A
Screw Threads ($es < 0$)

Fig. Diagrams showing Relations of Basic Profile, Basic Dimensions, Limits of Sizes, Tolerances and Fundamental Deviations for Unified Fine Screw Threads

Applicable Standards:

JIS B 0208-Unified Fine Screw Threads

JIS B 0256-Screw Thread Limit Gauges for Unified Fine Thread

Reference Standard:

ANSI B 1.1a -1968 Unified Screw Threads-Metric Translation