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JAPANESE INDUSTRIAL STANDARD

Roller Chain Shaft Couplings

JIS B 1456—1989

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Roller Chain Shaft Couplings

B 1456-1989

1. Scope

This Japanese Industrial Standard specifies the roller chain shaft couplings (hereafter referred to as the "couplings") to be used for general machinery.

2. Classification

The couplings shall be divided into 15 classes as given in the Attached Table, and their designations shall be a combination of the nominal number (the first two figures or three figures) of the roller chain and the number of sprocket teeth (the last two figures).

3. Quality

3.1 On the sprockets, roller chains as well as joint pins there shall be no harmful flaws, cracks or the like.

3.2 Tolerances on deflections of each part of sprocket relative to the center of shaft hole shall be as specified in Table 1.

Applicable Standards:

JIS B 0401-System of Limits and Fits

JIS B 0405-Permissible Machining Deviations in Dimensions without Tolerance Indication

JIS B 0903-Cylindrical Shaft Ends

JIS B 1301-Sunk Keys and Their Corresponding Keyways

JIS B 1801-Transmission Roller Chains

JIS B 1802-Sprocket Tooth Form for Transmission Roller Chains

JIS B 7502-Micrometer Callipers for External Measurement

JIS B 7503-Dial Gauges Reading in 0.01 mm

JIS B 7507-Vernier Callipers

JIS B 7508-Micrometer Callipers for Internal Measurement (Tubular Type)

JIS G 4051-Carbon Steels for Machine Structural Use