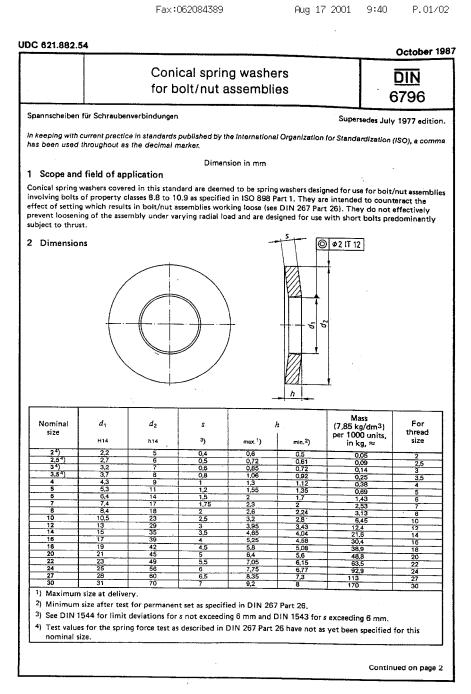
DIN6796-87 (1728x2293x2 tiff)



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3 Technical delivery conditions

DIN 267 Part 26 shall apply with regard to the technical delivery conditions. Material: FSt = spring steel as specified in DIN 267 Part 26.

4 Designation

Designation of a conical spring washer of nominal size 8 made of spring steel (FSt) 1):

Conical spring washer DIN 6796 - 8 - FSt

The DIN 4000 -3 - 3 tabular layout of article characteristics shall apply for conical spring washers covered in this

Standards referred to

DIN 267 Part 26 DIN 1543	Fasteners; technical delivery conditions; steel spring washers for bolt/nut assemblies Steel flat products; hot rolled plate 3 mm to 150 mm thick; limit deviations, deviations in mass and form tolerances
Bill 4000 Fait S	Flat steel products; cold rolled steel strip; dimensions, limit deviations and form tolerances Tabular layout of article characteristics for washers and rings Mechanical properties of fasteners; bolts, screws and studs

Previous editions

DIN 6796: 06.71, 07.77.

Amendments

The following amendments have been made to the July 1977 edition.

- a) The field of application has been modified.
- b) The technical delivery conditions have been summarized in DIN 267 Part 26. \sim c) The standard has been editorially revised.

Explanatory notes

By maintaining a sufficiently high preloading in a bolt/nut assembly, spring washers are designed to prevent loosening of the assembly, which may be caused, for instance, by the effect of setting in the assembly. The specification of residual spring forces in DIN 267 Part 26 has made it possible for the first time to assess the performance of spring washers. Conical spring washers as specified in the present standard are designed for use with bolt/nut assembly involving bolts of property classes 8.8 to 10.9. The efficacy of spring washers is greatly reduced if they are used together with fasteners of property classes less than 8.8, due to indentation.

International Patent Classification

F 16 B 39/24

1) FSt shall also apply where no material has been specified in existing documentation.

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