

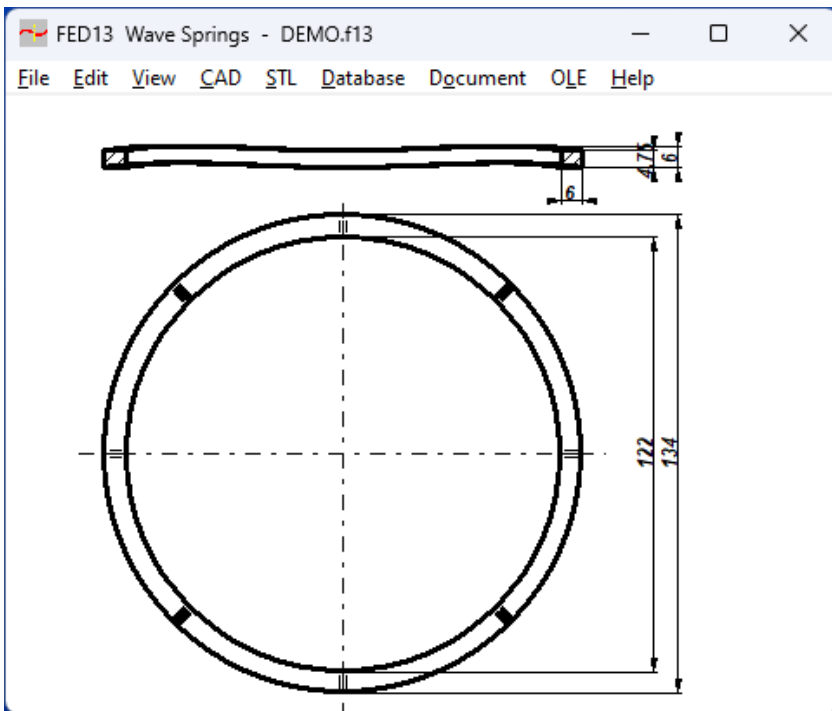
FED13



Wave Spring Software

for Windows

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Calculation of Wave Spring

FED13 calculates characteristic line of spring and stresses of wave spring washers. Input data are external and internal ring diameter, flat thickness, number of waves, height of wave spring L0. The program calculates spring load and stress for assembly length L1 and L2. Material properties can be selected from the integrated material database. Wave spring can be closed (washer) or open (made from strip).

Units

FED13 can be switched between metric units (mm, N, MPa) and imperial units (inch, lbf, psi).

Spring Drawing 2D and 3D

FED13 generates a true-scale drawing of the wave spring washer (2D or 3D) that can be exported to your CAD system as DXF or IGES file.

Material Database

Material properties of the most important flat spring materials (tensile strength, permissible shear stress and bending stress as function of material thickness, modulus of elasticity, density) are stored at the integrated material database. The dbf file may be extended and modified by the user.

