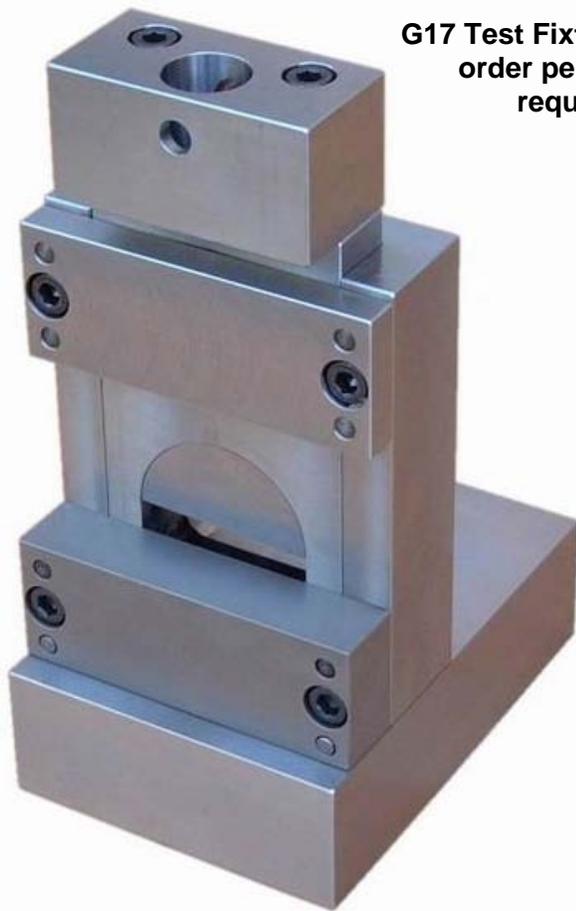


G17 Shear Test Fixture per ASTM D905

Shear Test Device Requirements – ASTM D905 describes test grips for determining the adhesive bond strength of wood and similar materials. The G17 test fixture meets these requirements.

This ASTM D 905 Lapped Block Shear Test Method (ASTM Figure) was developed primarily for determining the adhesive bond strength of wood and similar materials. A compressive loading is applied to generate the shear stress, and two rectangular blocks of equal size, staggered $\frac{1}{4}$ ", are bonded together. A guillotine-type loading is applied to shear off one block from the other. The ASTM D 905 test fixture is shown in the following photograph. The loading surface of the guillotine assembly is free to rotate relative to the remainder of the assembly, to accommodate any non-parallelism of the top and bottom surfaces of the bonded specimen.



G17 Test Fixtures are made to order per exact ASTM requirements

Shear Test Apparatus Line Drawing from ASTM D905

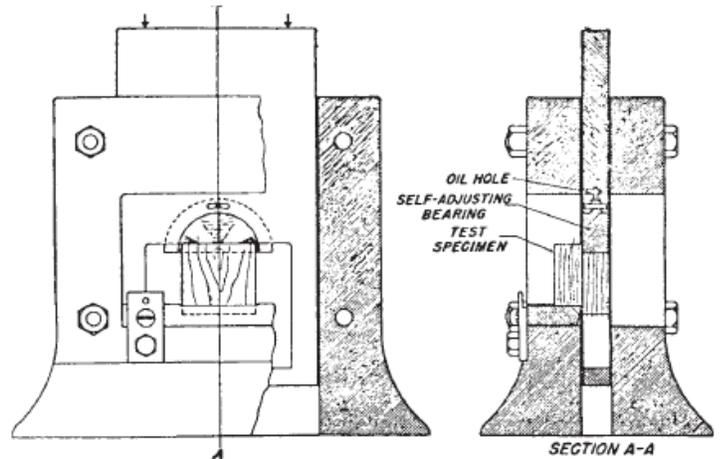


FIG. 1 Shearing Tool

Contact an application engineer to configure a solution to your application requirements.
(1-800-430-6536)

Reference: ASTM Standard D 905, 2003, "D905 Standard Test Method for Strength Properties of Adhesive Bonds in Shear by Compression Loading," ASTM International, West Conshohocken, PA, 2007, www.astm.org.