

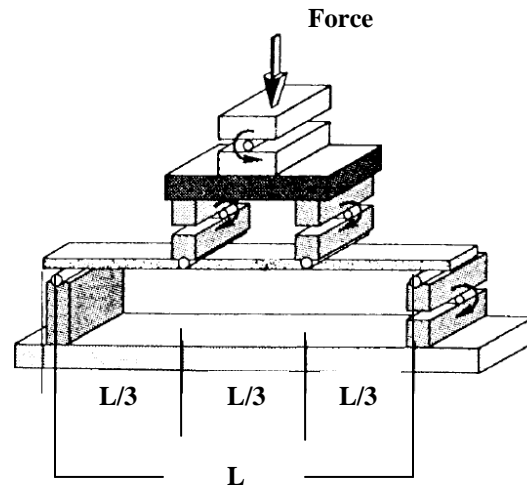
## **G22-C947 Four Point Bend Fixture**

### **ASTM C947 – Concrete Testing**

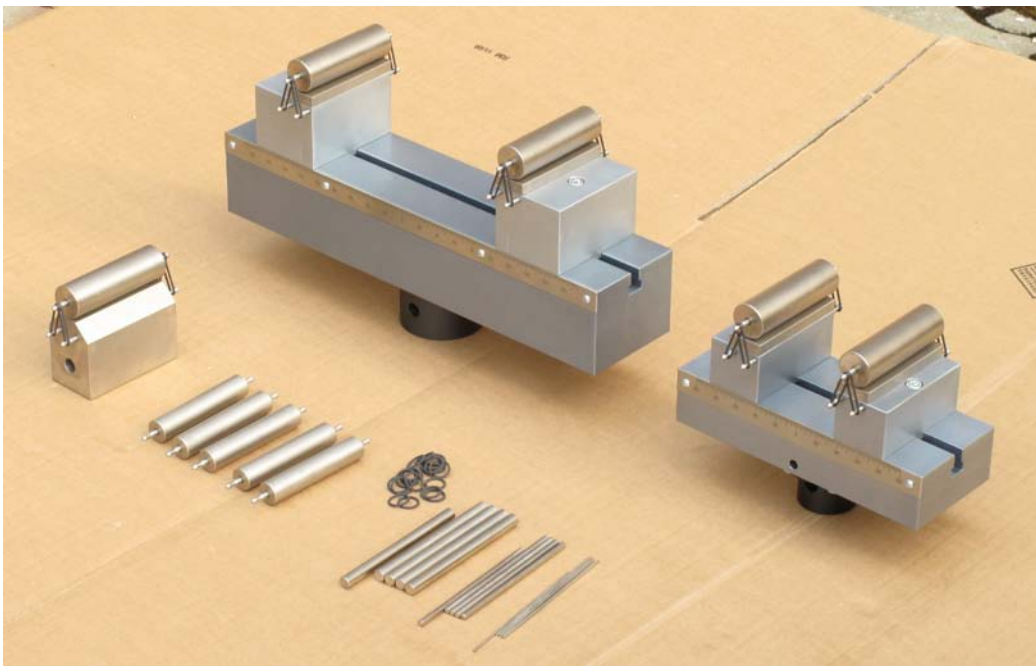
This fixture is specifically designed to be used to determine bending strength of thin glass-fiber-reinforced concrete, as specified by ASTM C947.

ASTM C947 requires the loading surface for this test to be cylindrical. This is to prevent surface damage from the fixture onto the test specimen. The length of the support pieces should be at least the width of the test specimen. The support cylinders must be free to rotate to ensure the applied forces are perpendicular to the test specimen. The bending test is a four point bend test with the support cylinders symmetrically located at a third of the length of the test specimen. (American Society for Testing and Materials [ASTM], 2008)

Contact an application engineer to configure a solution to your application requirements.



**Suggested Grips per ASTM, 08**



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### **Reference**

ASTM Standard C947, 1999, "Standard Test Method for Flexural Properties of Thin-Section Glass-Fiber-Reinforced Concrete," Drawing is copyright ASTM International, West Conshohocken, PA, 1999, [www.astm.org](http://www.astm.org).