

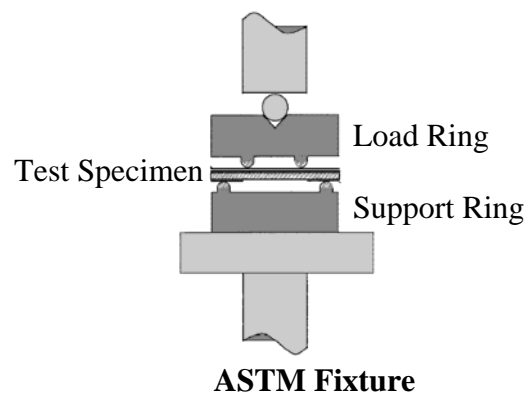
## **GC1499-747 Ring on Ring Flexural Strength Fixture for Advanced Ceramics Meets ASTM C1499**

GC1499-747 is designed to be used with a universal compression testing machine to determine the flexural strength of advanced ceramics, as specified by ASTM C1499.



**GC1499-747 Ring on Ring Fixture**

ASTM requires that the fixture used in this test be parallel to within 0.05mm. The fixture rings must have a hardness of at least 40 HRC. The diameter of the ring fixture is dependent on the size of the test specimen. ASTM C1499 defines the specific diameter that should be used for the loading ring and the support ring.



**Reference** ASTM Standard C1499, 2003, "Standard Test Method for Monotonic Equibiaxial Flexural Strength of Advanced Ceramics at Ambient Temperature," ASTM International, West Conshohocken, PA, 2003, [www.astm.org](http://www.astm.org).