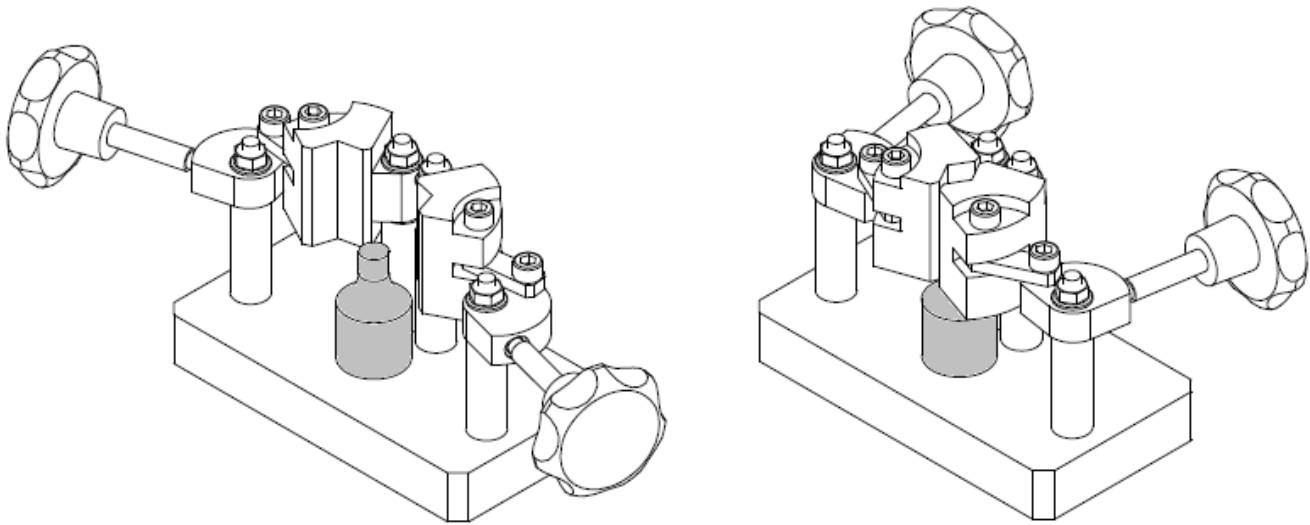


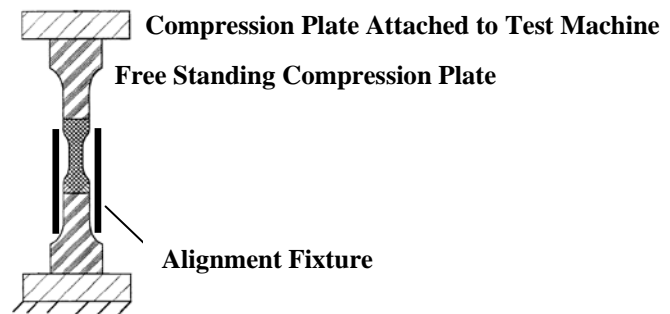
## **G838-C1424 Compressive Strength of Advanced Ceramics Meets ASTM C1424**

This fixture is specifically designed to be used with a compression test machine to determine the compressive strength of advanced ceramics at ambient temperature, as specified by ASTM C1424.



**G838-C1424 TestResources Fixture**

ASTM specifies that the test fixture have two compression plates. One attached rigidly to the test machine, and the other not rigidly attached to the test machine to act as an interface between the machine and the test specimen. Both compression plates are to be made of hardened steel with hardness greater than 48 HRc. V-blocks are needed to align the test specimen and free standing compression plates. TestResources offers G838-C1424 as a fixture to align the test specimen and compression plates.



**Grips per ASTM**

**Contact an application engineer to configure a solution to  
your application requirements.  
(1.800.430.6536)**

**Reference** ASTM Standard C1424, 2004, "Standard Test Method for Monotonic Compressive Strength of Advanced Ceramics at Ambient Temperature," Drawing is copyright ASTM International, West Conshohocken, PA, 2004, [www.astm.org](http://www.astm.org).