

## Terminal Strength Shear Stress Fixture

Shear testing of microelectronic packages is a critical step towards reliability of component assembly on a printed circuit board (PCB). Die shear testing is commonly used by manufacturers in electronic assembly for bond characterization and failure analysis post shearing. This is important for mechanical and design validation with miniaturization of PCB and its components.

Instron's Terminal Strength Shear Fixture allows manufacturers to ensure that PCB components will fail at acceptable loads, reducing the risk of failure during normal operation. The fixture consists of an adjustable PCB holder that can accommodate a variety of board sizes and a linear rail allowing the operator to center the shear tool on the component of interest. A variety of shear tool can be utilized to test components of different sizes.



## Specifications

Maximum Load	500 N
Maximum Probe Stroke	64 mm
Maximum PCB Width	155 mm
Maximum PCB Height	128 mm
Mechanical Connection (Base and Crosshead)	Type O



### Note:

This is made to comply with Automotive Electronics Council Q200 and other electronic standards.

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