



Double shear bearing strength test - procedure A



Double shear bearing strength test comprises two loading plates which are secured to the test specimen using a high tolerance, lightly torqued fastener. The fixture is used with upper and lower tensile wedge grips.

Application:

Composites

Compatible with:

Tinius Olsen ST and SL series of materials testing machines

Specification:

| | |
|---------------------------|---|
| Max. Capacity | 5kN (1,000 LBS) |
| Min. Load cell | 5kN |
| Construction | Steel |
| Mounting interface | Tensile wedge grips |
| Dimensions | Approx. 200mm high by 36mm wide by 10mm deep |
| Weight | 2.3kg |
| Temperature range | -70 °C to 350 °C Options available for wider range |

Standard:

ASTM D5961 Procedure A

Tinius Olsen order number:

CA-001-0005 Bearing strength, tensile shear (grips not included), ASTM D5961-PA



Single shear open hole bearing test fixture - procedure B



Single shear bearing strength test for use in compression or tension as required.

Application:

Composites

Compatible with:

Tinius Olsen ST series of materials testing machines

Specification:

| | |
|---------------------------|--|
| Max. Capacity | 220kN (50,000 LBS) |
| Min. Load cell | 50kN |
| Construction | Steel |
| Mounting interface | Platen to Platen or tensile wedge grips |
| Dimensions | Approx. 336mm high by 80mm wide by 40mm deep |
| Weight | 5.5kg |
| Temperature range | -70 °C to 350 °C. Options available for wider range |

Standard:

ASTM D5961 Procedure B

Tinius Olsen order number:

CA-001-0006 Bearing strength, single shear open hole bearing strength ASTM5961-PB