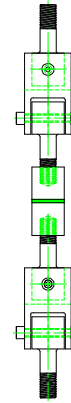


Standards:
 ASTM C633 - 17
 ASTM F1044 - 05
 ASTM F1147 - 05
 ASTM F1160 - 05

Material Type:
 ADHESIVE

Type of Testing:
 TENSILE

ROUND FLATWISE TENSION FIXTURE WITH FIVE SETS OF BONDING BLOCKS



<u>Model No.</u>	<u>Specimen Size or Difference Between Fixtures</u>	<u>Construction</u>	<u>Temperature</u>
ASTM.C0633.10	Up to 1" diameter and 1" dia. blocks	High strength steel with finish	-120 to 250°F (-85 to 122°C)
ASTM.C0633.11	Up to 1" diameter and 1" dia. blocks	Stainless steel	-240 to 600°F (-152 to 318°C)
ASTM.C0633.12	Up to 1" diameter and 1"-14 studs	High strength steel with finish	-120 to 250°F (-85 to 122°C)
ASTM.F1147.10	Up to 1" diameter and 1.13" dia. blocks	High strength steel with finish	-120 to 250°F (-85 to 122°C)
ASTM.F1147.11	Up to 1" diameter and 1.13" dia. blocks	Stainless steel	-240 to 600°F (-152 to 318°C)
ASTM.F1044.20	Up to 3/4" diameter and 3/4" dia. blocks	High strength steel with finish	-120 to 250°F (-85 to 122°C)
ASTM.F1044.21	Up to 3/4" diameter and 3/4" dia. blocks	Stainless steel	-240 to 600°F (-152 to 318°C)
ASTM.F1160.20	Up to 3/4" diameter and 3/4" dia. blocks	High strength steel with finish	-120 to 250°F (-85 to 122°C)
ASTM.F1160.21	Up to 3/4" diameter and 3/4" dia. blocks	Stainless steel	-240 to 600°F (-152 to 318°C)

Specimen:	Thickness	Any
Fixture:	Mounting	5/8"-18, (.12) 1"-14 threaded studs
	Capacity	5,000 lbs, (.12) 22,000 lbs
	Bonding Block	Supplied with (5) sets bonding blocks
	Weight	7 lbs (.12) 11 lbs
	Dimensions	3" x 3" x 12"
	Standard	Manufactured in compliance with ASTM C633, F1044, F1160 and F1147

QUOTE

Model No. ASTM.C0633.1X - Round Flatwise Tension Fixture with Five Sets of Bonding Blocks

Universal joint type fixture constructed from **(Material Type)** and is supplied with 5/8"-18 threaded loading studs. The fixture comes with five sets of 1" diameter bonding blocks that are constructed from **(Material Type)** with one machined bonding surface and 5/8"-18 threaded couplings. 5,000 lbs (22.2 kN) tensile capacity. Manufactured in compliance with ASTM C633.

Model No. ASTM.C0633.12 - Round High Capacity Flatwise Tension Fixture for Thermal Spray Coatings (CS)

Fixture comes with five sets of 1" diameter bonding blocks and are constructed from heat treated steel with a protective black oxide finish. The bonding blocks come with one machined bonding surface and 5/8"-18 threaded coupling. Universal joint type fixture has a 3° of alignment rotation and is supplied with (2) 1"-14 threaded loading studs. The fixture has a 22,000 lbs capacity and constructed from heat treated high strength steel with a protective black oxide finish. The fixture is manufactured in compliance with ASTM C633.

Model No. ASTM.F1147.1X - Round Flatwise Tension Fixture with Five Sets of 3/4" Dia. Bonding Blocks

Universal joint type fixture constructed from **(Material Type)** and is supplied with 5/8"-18 threaded loading studs. The fixture comes with five sets of 1" diameter bonding blocks that are constructed from **(Material Type)** with one machined bonding surface and 5/8"-18 threaded couplings. 5,000 lbs (22.2 kN) tensile capacity. Manufactured in compliance with ASTM F1147.

Model No. ASTM.F1044.2X - Round Flatwise Tension Fixture with Five Sets of Bonding Blocks

Universal joint type fixture constructed from **(Material Type)** and is supplied with 5/8"-18 threaded loading studs. The fixture comes with five sets of 3/4" diameter bonding blocks that are constructed from **(Material Type)** with one machined bonding surface and 5/8"-18 threaded couplings. 5,000 lbs (22.2 kN) tensile capacity. Manufactured in compliance with ASTM F1044 and F1160.

ACCESSORIES

Model No. ACC.C0633.0001 - Flatwise Tension Bonding Fixture for 1" Round Bonding Blocks

Bonding fixture comes with a 10 position v-groove alignment fixture for 1" diameter specimen end tabs. One side of the fixture has spring loaded 1" diameter platens to produce even pressure and the other side has adjustable screw action platens for accurate spacing. The bonding fixture can handle a temperature range of -240 to -20 to 120°F (-29 to 49°C) and is made from aluminum with clear anodize.

Model No. ACC.C0633.1001 - Set of (2) 1" Diameter by 1.5" Long Steel Blocks with 1/2"-20 Threads

Model No. ACC.C0633.1101 - Set of (2) 1" Diameter by 1.5" Long Stainless Steel Blocks with 1/2"-20 Threads

Model No. ACC.C0633.1201 - Set of (2) 1" Diameter by 1.5" Long HT Steel Blocks with 1/2"-20 Threads

SPARE PARTS

Model No. SPA.C0633.1001 - Set of (2) 1" Diameter by 1.5" Long Steel Blocks with 5/8-18 Threads

Model No. SPA.C0633.1101 - Set of (2) 1" Diameter by 1.5" Long Stainless Steel Blocks with 5/8-18 Threads

Model No. SPA.C0633.1201 - Set of (2) 1" Diameter by 1.5" Long HT Steel Blocks with 5/8-18 Threads

Model No. SPA.F1147.1001 - Set of (2) 1.13" Diameter by 1" Long Steel Bonding Blocks

Model No. SPA.F1147.1101 - Set of (2) 1.13" Diameter by 1" Long Stainless Steel Bonding Blocks

Model No. SPA.F1044.2001 - Set of (2) 3/4" Diameter by 1" Long Steel Bonding Blocks

Model No. SPA.F1044.2101 - Set of (2) 3/4" Diameter by 1" Long Stainless Steel Bonding Blocks

COMMON SIZE ADAPTERS

Upper and Lower Mounting: 1/2"-20 Threaded Stud

Model No. M01C21 - 1/2" Male Clevis to 1/2"-20 Coupling

Model No. M02C21 - 5/8" Male Clevis to 1/2"-20 Coupling

Model No. M03C21 - 1.25" Male Clevis to 1/2"-20 Coupling

Model No. M12C21 - 12mm Male Clevis to 1/2"-20 Coupling

Model No. S36C21 - 1"-14 Stud to 1/2"-20 Coupling

Model No. LN21 - 1/2"-20 Threaded Locking Nut with Knurled OD

Upper and Lower Mounting: 5/8"-18 Threaded Stud

Model No. M01C27 - 1/2" Male Clevis to 5/8"-18 Coupling

Model No. M02C27 - 5/8" Male Clevis to 5/8"-18 Coupling

Model No. M03C27 - 1.25" Male Clevis to 5/8"-18 Coupling

Model No. M12C27 - 12mm Male Clevis to 5/8"-18 Coupling

Model No. S36C27 - 1"-14 Stud to 5/8"-18 Coupling

Model No. LN27 - 5/8"-18 Threaded Locking Nut with Knurled OD