

**Material Type:** COMPOSITE

Type of Testing: TENSILE

# FIVE ENGLISH OR METRIC SIZES FASTENER **PULL-THROUGH TEST FIXTURE - PROCEDURE** B



Model No. ASTM.D7332.22 Specimen Size or Difference Between Fixtures Up to 4.5" wide, 1/2" thick and 4.5" long

ASTM.D7332.23 Up to 4.5" wide, 1/2" thick and 4.5" long Construction

High strength steel with finish

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**Temperature** 

-120 to 250°F (-85 to 122°C)

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Fixture:

Mounting

Top: 1/2"-20 coupling Bottom: 1"-14 coupling

10,000 lbs (44.4 kN) Capacity Weight 33 lbs

Dimensions 6" x 5" x 5"

Standard Manufactured in compliance with ASTM D7332

#### **QUOTE**

Model No. ASTM.D7332.22 - Five English Size Fastener Pull Through Test Fixture (Tensile Mode)

The test fixture supplies a tensile force through the yoke and onto the fastener. The fixture includes a common base plate with 1"-14 threaded coupling for mounting purposes, restraining plates and a set of yoke assemblies for each shank size: 5/32", 3/16", 1/4", 5/16", and 3/8" diameter. The restraining plates come with clearance holes diameters of: 1.31", 1.50", 2.00", 2.50" and 3.00". Each yoke and pin assembly has a 1/2"-20 threaded loading coupling. Each replaceable restraining plate bolts to the common base plate and can be easily exchanged. Accommodates a specimen with max dimensions of 4.5" x 4.5" x 1/2" thick. Constructed of high strength steel with a protective black oxide finish and manufactured in compliance with ASTM D7332, Procedure B.

Model No. ASTM.D7332.23 - Five Metric Sizes Fastener Pull Through Test Fixture (Tensile Mode)
The test fixture supplies a tensile force through the yoke and onto the fastener. The fixture includes a base plate with 1"-14
threaded coupling for mounting purposes, restraining plates and a set of yoke assemblies for each shank size: 4, 5, 6, 8, and
10mm diameter. The restraining plates come with clearance holes diameters of: 34.0mm, 38.0mm, 50.0mm, 63.0mm and 75.0mm.
Each yoke and pin assembly has a 1/2"-20 threaded loading coupling. Each restraining plate bolts to the base plate and can be
easily exchanged. Accommodates a specimen with max dimensions of 4.5" x 4.5" x 1/2" thick. Constructed of high strength steel
with a protective black oxide finish and manufactured in compliance with ASTM D7332, Procedure B.

#### **ACCESSORIES**

No accessories available for this fixture

#### **SPARE PARTS**

Model No. SPA.D7332.2201 - Replacement Base Plate with 1"-14 Threaded Couplings

Model No. SPA.D7332.2251 - Restraining Plate with Clearance Hole 1.310" (34.0mm) Model No. SPA.D7332.2251 - Restraining Plate with Clearance Hole 1.500" (38.0mm) Model No. SPA.D7332.2252 - Restraining Plate with Clearance Hole 2.000" (50.0mm) Model No. SPA.D7332.2253 - Restraining Plate with Clearance Hole 2.500" (63.0mm) Model No. SPA.D7332.2254 - Restraining Plate with Clearance Hole 3.000" (75.0mm)

Model No. SPA.D7332.2260 - Loading Yoke for Shank Size 5/32" Model No. SPA.D7332.2261 - Loading Yoke for Shank Size 3/16" Model No. SPA.D7332.2262 - Loading Yoke for Shank Size 1/4" Model No. SPA.D7332.2263 - Loading Yoke for Shank Size 5/16" Model No. SPA.D7332.2264 - Loading Yoke for Shank Size 3/8"

Model No. SPA.D7332.2365 - Loading Yoke for Shank Size 4mm Model No. SPA.D7332.2366 - Loading Yoke for Shank Size 5mm Model No. SPA.D7332.2367 - Loading Yoke for Shank Size 6mm Model No. SPA.D7332.2368 - Loading Yoke for Shank Size 8mm Model No. SPA.D7332.2369 - Loading Yoke for Shank Size 10mm

### **COMMON SIZE ADAPTERS**

#### Upper Mounting: 1/2"-20 Female Coupling

Model No. M03S21 - 1.25" Male Clevis to 1/2"-20 Threaded Stud Model No. S42S21 - 1.25"-12 to 1/2"-20 Threaded Step Stud Model No. S48S21 - 1.5"-12 to 1/2"-20 Threaded Step Stud Model No. S60S21 - 2"-12 to 1/2"-20 Threaded Step Stud Model No. LN21 - 1/2"-20 Threaded Locking Nut with Knurled OD

## Lower Mounting: 1"14 Female Coupling

Model No. M03S36 - 1.25" Male Clevis to 1"-14 Threaded Stud Model No. S42S36 - 1.25"-12 to 1"-14 Threaded Step Stud Model No. S48S36 - 1.5"-12 to 1"-14 Threaded Step Stud Model No. S60S36 - 2"-12 to 1"-14 Threaded Step Stud Model No. LN36 - 1"-14 Threaded Locking Nut with Knurled OD

# **EXTRA PHOTOS:**

