

Standards:

ASTM D1037 - 20
ASTM D1761 - 12
ASTM D5456 - 03
ASTM D6117 - 18
ASTM D7033 - 14

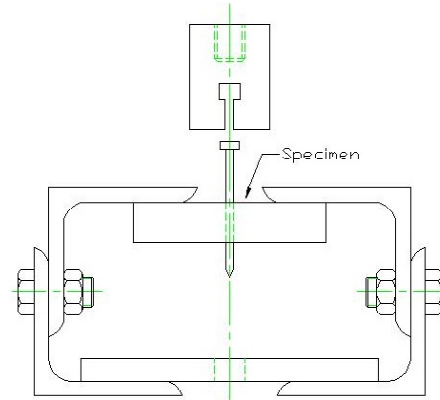
Material Type:

WOOD, PLASTIC

Type of Testing:

TENSILE

NAIL RESISTANCE TO DIRECT WITHDRAWAL TEST FIXTURE



Model No.

ASTM.D1037.21
ASTM.D1761.10
ASTM.D5456.10
ASTM.D7033.36

Specimen Size or Difference Between Fixtures

Up to 0.113" diameter
Up to 0.113" diameter
Up to 0.113" diameter
Up to 0.113" diameter

Construction

High strength steel
High strength steel
High strength steel
High strength steel

Temperature

-20 to 120°F (-29 to 49°C)
-20 to 120°F (-29 to 49°C)
-20 to 120°F (-29 to 49°C)
-20 to 120°F (-29 to 49°C)

ASTM.D1761.11
ASTM.D6117.10
ASTM.D7033.35

From 0.115 to 0.281" diameter
From 0.115 to 0.281" diameter
From 0.115 to 0.281" diameter

High strength steel
High strength steel
High strength steel

-20 to 120°F (-29 to 49°C)
-20 to 120°F (-29 to 49°C)
-20 to 120°F (-29 to 49°C)

Specimen: Width Up to 6"
Length Up to 6"
Thickness Up to 1"

Fixture: Mounting Top: 5/8"-18 coupling
Bottom: 1"-14 coupling
Capacity 2,000 lbs (9kN)
Weight 15 lbs approximately
Dimensions Assembled - 7" x 7" x 12"
Standard Manufactured in compliance with ASTM D1037, D1761, D5456, D6117 and D7033

QUOTE

Model No. ASTM.D1037.21 - Nail Resistance to Direct Withdrawal Fixture

The fixture consists of a steel substrate restraint box and a high strength heat treated nail withdrawal loading head. The substrate restraint box consists of an open ended box structure and the inside dimensions are 6" wide by 6" long and up to 1" thick. The nail withdrawal loading head is supplied with a 0.125" wide slot for gripping nails up to 10d. The restraint box has a 1" wide slot for easy insertion of the sample. The nail withdrawal loading head comes with 5/8"-18 threaded coupling for upper mounting and the restraint box is supplied with a 1"-14 threaded coupling in the base of the box for mounting purposes. The fixture has a capacity of 2,000 lbs and is manufactured in compliance with ASTM D1037, D1761 and D5456.

Model No. ASTM.D7033.35 - Nail Resistance to Direct Withdrawal Fixture

The fixture consists of a steel substrate restraint box and a high strength heat treated nail withdrawal loading head. The substrate restraint box consists of an open ended box structure and the inside dimensions are 6" wide by 6" long and up to 1" thick. The nail withdrawal loading head is supplied with a 0.295" wide slot for gripping nails up to 8d. The restraint box has a 1" wide slot for easy insertion of the sample. The nail withdrawal loading head comes with 5/8"-18 threaded coupling for upper mounting and the restraint box is supplied with a 1"-14 threaded coupling in the base of the box for mounting purposes. The fixture has a capacity of 2,000 lbs and is manufactured in compliance with ASTM D1761, D6117 and D7033.

ACCESSORIES

There are no accessories available for this fixture

SPARE PARTS

Model No. SPA.D1037.2101 - Replacement Adjustable Nail Withdrawal Loading Head for Up to 0.113" Nail

Model No. SPA.D7033.5001 - Replacement Adjustable Nail Withdrawal Loading Head for Up to 0.281" Nail

COMMON SIZE ADAPTERS

Upper Mounting: 5/8"-18 Threaded Coupling

Model No. M01S27 - 1/2" Male Clevis to 5/8" -18 Threaded Stud
Model No. M02S27 - 5/8" Male Clevis to 5/8" -18 Threaded Stud
Model No. M03S27 - 1.25" Male Clevis to 5/8" -18 Threaded Stud
Model No. M12S27 - 12mm Male Clevis to 5/8" -18 Threaded Stud
Model No. S36S27 - 1" -14 to 5/8" -18 Threaded Step Stud
Model No. LN27 - 5/8" -18 Threaded Locking Nut with Knurled OD

Lower Mounting: 1"-14 Threaded 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

Material Testing Technology

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EXTRA PHOTOS:

