

NAIL WITHDRAWAL TEST FIXTURE AND SUBSTRATE SUPPORT FRAME



Model No.
ASTM.D0143.50

Specimen Size or Difference Between Fixtures
Any size up to 8" x 8" x 8"

Construction
Aluminum with clear anodize
and high strength steel with
protective black oxide

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

Fixture:	Mounting	Top: 5/8"-18 threaded coupling Bottom: 1"-14 threaded coupling
	Capacity	2,000 lb. (9kN)
	Weight	25 lbs approximately
	Dimensions	Assembled - 12" x 12" x 18"
	Standard	Manufactured in compliance with ASTM D143

QUOTE

Model No. ASTM.D0143.50 - Nail Withdrawal Test Fixture and Substrate Support Frame

The fixture has an adjustable wood specimen grip for different sizes of nails or screws in the upper loading head. The fixture is supplied with a 5/8"-18 threaded coupling in the upper grip and a 1"-14 threaded coupling in the base plate for mounting purposes. The fixture is constructed of aluminum and high strength steel with a protective finish. Manufactured in compliance with ASTM D143.

ACCESSORIES

Model No. ACC.D0143.5001 - Stand Alone Nail Withdrawal Loading Frame (AL)

The 1,000 lbs capacity aluminum loading frame will include 1/2"-20 loading rod, split nut, any mounting plates or brackets need to center and mount the load cell and energpac ram, (2) mountings and pull rod adapters for the LVDT's sensors, (2) nail withdrawal tension bells for 8D and 16D nails and all fasteners required to assemble unit. The load frame will have a 3" travel with height adjustments via movement of the split nut.

Model No. ACC.D0143.5002 - Twin LVDT Displacement Gages Used with Loading Frame (readout sold separately)

Model No. ACC.D0143.5003 - Energpac Cylinder and Pump Used with Loading Frame

SPARE PARTS

Model No. SPA.D0143.5001 - Nail Withdrawal Loading Head

Model No. SPA.D0143.5002 - Modified Set Screw

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

EXTRA PHOTOS:

