MODEL NO. ASTM.D7136.10

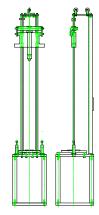
Standards: ASTM D7136 - 20 ASTM D7766 - 16 ASTM D7956 - 16 BSS 7260-88 EN 6038-95

<u>Material Type:</u> COMPOSITE, MATRIX, POLYMER, FIBER-REINFORCED

<u>Type of Testing:</u> DROP WEIGHT, IMPACTOR

500 IN-LB DROP WEIGHT IMPACTER





Model No. ASTM.D7136.10

ASTM.D7766.30 ASTM.D7956.30

BOEI.07260.10

ENST.06038.10

Specimen Size or Difference Between Fixtures See below

6"

4"

0.125 - 0.5"

Construction

Steel with protective finish Steel with protective finish Steel with protective finish Steel with protective finish Steel with protective finish

Temperature
Ambient

Specimen: Length Thickness Width

Fixture:

Mounting Capacity Weight Dimensions Standard

See below

See below

See below

See below

Free standing 500 in-lb 500 lb approximately 19" x 16" x 90" Manufactured in compliance with ASTM D7136, D7766, D7956, BSS 7260 and EN 6038

<u>QUOTE</u>

Model No. ASTM.D7136.10 - 500 in-lbs Drop Weight Impacter

Includes a 5.6 kg (12.35 lb) impact tup with a 0.625" diameter hardened to 60-62 HRC hemispherical tip. Twin guide rails that provide a minimum of 1,000mm (39.3") of lift for the cross head weight. A sturdy metal box frame with a specimen table on top. The specimen table is 0.75" thick and has a cut out in the plate that is 3" by 5" made from Aluminium. The specimen table has four hold down clamps with the tip made from Neoprene rubber, a hardness range of 70-80 Shore A and can have a holding capcity of 100N (200 lb). The mechanical rebond catcher catches the tup during the rebound after impact, allowing the mass of the tup and cross head to be suspended over the test specimen after impact. Other features included with the fixture are: stop blocks, laser crosshead lift indicator, mechanical hoist lifting system and a latch mechanism. Constructed in accordance with ASTM D7136, D7956, Boeing BSS 7260, EN 6038 and SACMA Method SRM 2-88.

ACCESSORIES

Model No. ACC.D7136.1001 - Optional Velocity Sensor

The optical single pass velocity sensor system incorporates VSDI Sensor unit, desk top cabinet, (15 foot interconnection cable and 1" target blade. The sensor will be a GHI Systems 7.25V DC @ 0.2A or equivalent, with output 0-10V) signal.

Model No. ACC.D7136.1002 - Impact Specimen Hold Down Jig

Jig holds and clamps the 4" by 6" impact specimen. The 12" x 12" base plate includes a 5" x 3" cut out. The jig includes alignment pins and hold down clamps with rubber tips. The fixture is constructed from high strength steel with protective finish in accordance with ASTM D7136.

Model No. ACC.D7136.1005 - Dial Gage Dent Indicator

<u>SPARE PARTS</u> Model No. SPA.D7136.1001 - 0.625" Diameter Impactor Tup

COMMON SIZE ADAPTERS

No adapters needed for this fixture

EXTRA PHOTOS:



