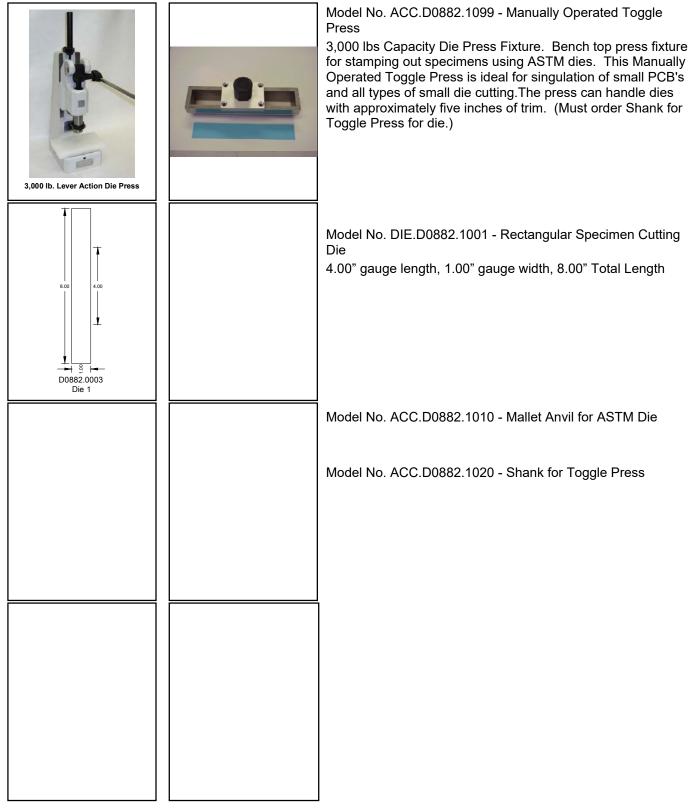
## RECTANGULAR SPECIMEN DIE FOR THIN PLASTIC SHEETING

MTT



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## MODEL NO. ACC.D0882.1099

Model No. DIE.D0882.0001 - Rectangular Specimen Cutting Die - 4.00" gauge length, 1.00" gauge width, 6.00" Total Length

Model No. ACC.D0882.1010 - Mallet Anvil for ASTM Die

Model No. ACC.D0882.1020 - Shank for Toggle Press

Model No. ACC.D0882.1099 - Manually Operated Toggle Press

3,000 lb Capacity Die Press Fixture. Bench top press fixture for stamping out specimens using ASTM dies. This Manually Operated Toggle Press is ideal for singulation of small PCB's and all types of small die cutting. The press can handle dies with approximately five inches of trim. (Must order Shank for Toggle Press for die.)

## **REFERENCE DOCUMENT AND TEST METHOD SCOPE:**

Scope http://www.astm.org/Standards/D882.htm

ASTM D882-12

Standard Test Method for tensile Properties of Thin Plastic Sheeting

1.1 This test method covers the determination of tensile properties of plastics in the form of thin sheeting and films (less than 1.0 mm (0.04 in.) in thickness).

Note 1—Film is defined in Terminology D883 as an optional term for sheeting having a nominal thickness no greater than 0.25 mm (0.010 in.).

Note 2-Tensile properties of plastics 1.0 mm (0.04 in.) or greater in thickness shall be determined according to Test Method D638.

1.2 This test method can be used to test all plastics within the thickness range described and the capacity of the machine employed.

1.3 Specimen extension can be measured by grip separation, extension indicators, or displacement of gauge marks.

1.4 The procedure for determining the tensile modulus of elasticity is included at one strain rate.

Note 3—The modulus determination is generally based on the use of grip separation as a measure of extension; however, the desirability of using extensioneters, as described in 5.2, is recognized and provision for the use of such instrumentation is incorporated in the procedure.

1.5 Test data obtained by this test method is relevant and appropriate for use in engineering design.

1.6 The values stated in SI units are to be regarded as the standard. The values in parentheses are provided for information only.

1.7 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this

standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Note 4—This test method is similar to ISO 527-3, but is not considered technically equivalent. ISO 527-3 allows for additional specimen configurations, specifies different test speeds, and requires an extensometer or gauge marks on the specimen.

Extracted, with permission, from ASTM D882 Standard Test Method for tensile Properties of Thin Plastic Sheeting, copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19482. A copy of the complete standard may be purchased from ASTM International, www.astm.org

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