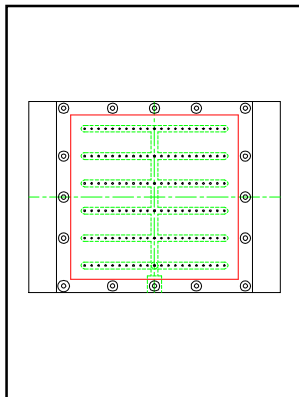
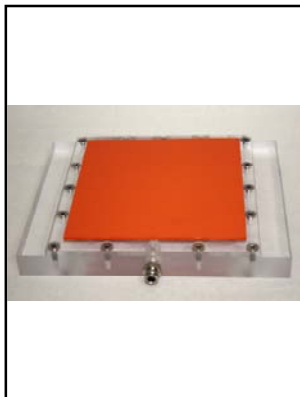
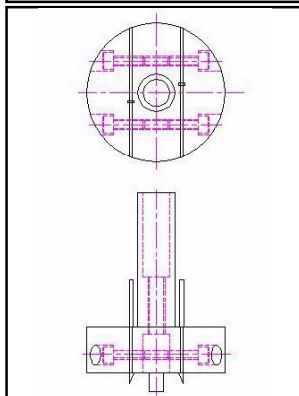
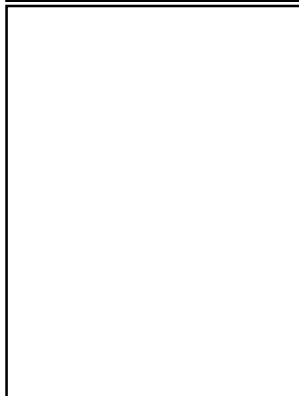


## VACUUM PLATE AND RING CUTTERS FOR SPECIMEN PREPARATION



Model No. SFF.D0412.2254 - Vacuum Holding Plate

Includes a vacuum plate and a base plate. The vacuum plate measures 7" x 9" and accommodates rubber sheets that measure 6" x 6". The vacuum plate includes an 84 hole pattern. The base plate mounts to the vacuum plate and has through holes for mounting the assembled plates in a drill press. Includes air connector. Constructed of plastic and aluminum in accordance with ASTM D412. Vacuum pump not included.



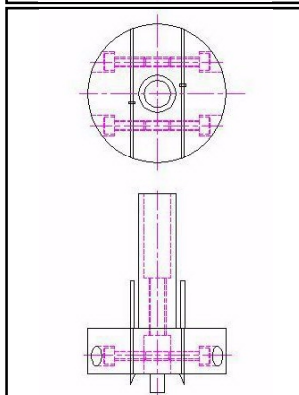
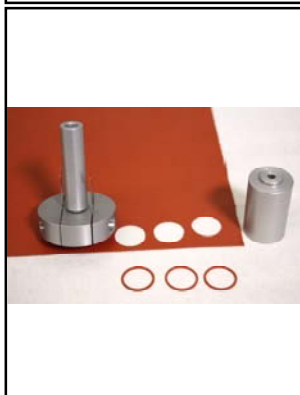
Ring Specimen Cutting Dies For Model No. ASTM.D0412.20 and .21

Part No. SFF.D0412.2052 - Ring cutting Tool with blade setting gauge for

Type I Ring

Diameter (Inside) - 0.637" (15.93mm)

Radial Width - 0.040 (1.0mm) (stock)



Part No. SFF.D0412.2053 - Ring cutting Tool with blade setting gauge for

Type 2 Ring

Diameter (Inside) - 1.19" (29.8mm)

Radial Width - 0.08 (2.0mm) (4 weeks)

## **MODEL NO. SFF.D0412.2254**

### **SPECIMEN FABRICATION**

Model No. SFF.D0412.2054 - Vacuum Holding Plate

Includes a vacuum plate and a base plate. The vacuum plate measures 7" x 9" and accommodates rubber sheets that measure 6" x 6". The vacuum plate includes an 84 hole pattern. The base plate mounts to the vacuum plate and has through holes for mounting the assembled plates in a drill press. Includes air connector. Constructed of plastic and aluminum in accordance with ASTM D412. Vacuum pump not included.

Part No. SFF.D0412.2052 - Ring cutting Tool with blade setting gauge for:

Type 1 Ring

Diameter (Inside) - 0.637" (15.93mm)

Radial Width - 0.040 (1.0mm)

Part No. SFF.D0412.2053 - Ring cutting Tool with blade setting gauge for:

Type 2 Ring

Diameter (Inside) - 1.19" (29.8mm)

Radial Width - 0.08 (2.0mm)

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

SCOPE <http://www.astm.org/Standards/D412.htm>

ASTM D412-06a(2013)

Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers- Tension

1.1 These test methods cover procedures used to evaluate the tensile (tension) properties of vulcanized thermoset rubbers and thermoplastic elastomers. These methods are not applicable to ebonite and similar hard, low elongation materials. The methods appear as follows

Test Method A—Dumbbell and Straight Section Specimens

Test Method B—Cut Ring Specimens

Note 1—These two different methods do not produce identical results.

1.2 The values stated in either SI or non-SI units shall be regarded separately as normative for this standard. The values in each system may not be exact equivalents; therefore each system must be used independently, without combining values.

1.3 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.

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