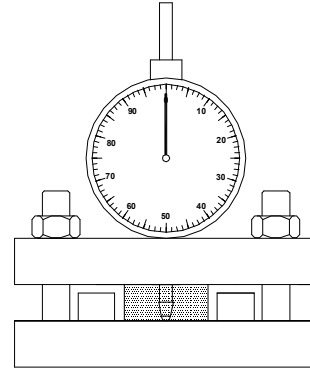
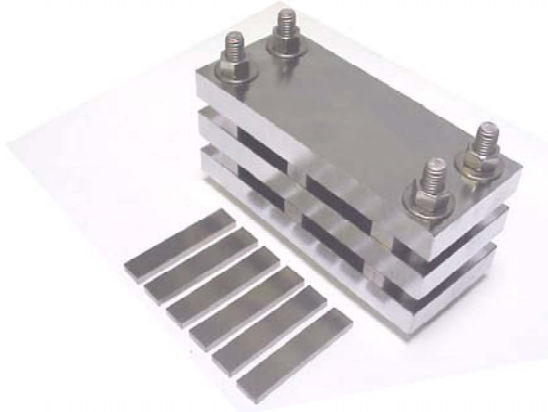


## SHAWBERRY - WALLACE STRESS RELAXATION FIXTURE



Specimen:	Width	Up to 1.14" (29.0mm)
	Thickness	0.5" (12.5mm)
Fixture:	Construction	High strength steel with hard chrome finish
	Temperature	-120 to 250°F (-85 to 122°C)
	Mounting	None required
	Capacity	Fixed displacement
	Weight	13 lbs approximately
	Dimensions	Assembled - 6" x 2.5" x 3"
	Standard	Manufactured in accordance with ASTM D6147

ASTM.D6147.10 - Stress Relaxation Compression Test Fixture For Rubber  
Fixture includes platen, springs, spring spacers, contact housing assembly, adjusting screw, Fixture is the of Shawbury-Wallace type Stress Relaxation Fixture. Constructed of high strength steel with a protective finish in accordance with ASTM D6147.

## **MODEL NO. ASTM.D6147.10**

### **ASTM, FORCE, DECAY, STRESS, RELAXATION,**

#### **ACCESSORIES**

No accessories for this fixture

#### **SPARE PARTS**

SPA.D6147.1001 - 6 piece Type I Shim Set  
SPA.D6147.1002 - 6 piece Type II Shim Set  
SPA.D6147.1003 - 4 Clamping bolts with washers and nuts

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

<http://www.astm.org/Standards/D6147.htm>

ASTM D6147 - 97(2014)

Standard Test Method for Vulcanized Rubber and Thermoplastic Elastomer—Determination of Force Decay (Stress Relaxation) in Compression  
1.1 This standard specifies two methods for determining the decrease in counterforce exerted by a test specimen of vulcanized rubber or thermoplastic elastomer which has been compressed at a constant deformation under specified conditions of time and temperature.

1.2 This document was developed based on testing in air and liquids.

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.

Extracted, with permission, from ASTM D6147 Standard Test Method for Vulcanized Rubber and Thermoplastic Elastomer—Determination of Force Decay (Stress Relaxation) in Compression, copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428. A copy of the complete standard may be purchased from ASTM International, [www.astm.org](http://www.astm.org).

*Material Testing Technology*

*420 Harvester Court - Wheeling, IL. 60090 - Ph: (847) 215-7448 Fax: (847) 215-7449 E-mail: sales@mtusa.net*