SELF-CLOSING AND SELF-LOCKING
KNURLED ECCENTRIC ROLLER TYPE
TENSILE GRIP

Specimen

<table>
<thead>
<tr>
<th>Width</th>
<th>Up to 1.5”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>Up to 3/8”</td>
</tr>
<tr>
<td>Type</td>
<td>Elastomeric materials</td>
</tr>
</tbody>
</table>

Fixture

<table>
<thead>
<tr>
<th>Construction</th>
<th>Aluminum and stainless steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>Ambient temperature</td>
</tr>
<tr>
<td>Mounting</td>
<td>1/2” -20 threaded coupling</td>
</tr>
<tr>
<td>Capacity</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Weight</td>
<td>10 lbs approximately</td>
</tr>
<tr>
<td>Dimensions</td>
<td>4” x 3” x 6” approximately</td>
</tr>
<tr>
<td>Standard</td>
<td>Manufactured in accordance with ASTM D412</td>
</tr>
</tbody>
</table>

Model Number ASTM.D0412.30 - Self-Closing And Self-Locking Knurled Eccentric Roller Type Tensile Grip

The grips have a 2” diameter knurled eccentric roller that opens to clamp specimens up to 3/8” thick and 3” wide. The grips open by lifting the handle, which is attached to the spring loaded roller clamp. Each grip has a 1/2” -20 threaded loading coupling. The grips are constructed from aluminum and steel in accordance with ASTM D412.

Material Testing Technology
420 Harvester Court - Wheeling, IL 60090 – Ph: (847) 215-7448  Fax: (847) 215-7449  E-mail: sales@mttusa.net
ACCESSORIES

Upper and lower fixture attachment is supplied with 1/2” -20 female coupling (Common adapter sizes include:)
Model No. M01S21 - 1/2” Male Clevis (Type B) to 1/2” -20 Threaded Stud
Model No. M02S21 - 5/8” Male Clevis (Type C) to 1/2” -20 Threaded Stud
Model No. M03S21 - 1.25” Male Clevis (Type D) to 1/2” -20 Threaded Stud
Model No. M12S21 - 12mm Male Clevis (Type O) to 1/2” -20 Threaded Stud
Model No. S36S21 - 1” -14 to 1/2” -20 Threaded Step Stud
Model No. LN21 - 1/2” -20 Threaded Locking Nut with Knurled OD

SPARE PARTS

No spare parts

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.