### Inch and Metric

### Wave Spring Tension Washers

Undulated surface with many bands or contact points. Provides stability — more "load build-up" and less deflection than in the bowed washer at left. Used to provide pressure between surfaces and prevent rattles. Controlled friction provided between surfaces.

#### Spring Steel - Plain Finish

<table>
<thead>
<tr>
<th>SPAEN AU R No.</th>
<th>For Bolt Size</th>
<th>Inside Diameter</th>
<th>Outside Diameter</th>
<th>Nominal Height</th>
<th>Material Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>W-379</td>
<td>#10</td>
<td>.204-.195&quot;</td>
<td>.313-.293&quot;</td>
<td>.060&quot;</td>
<td>.016&quot;</td>
</tr>
<tr>
<td>W-305</td>
<td>1/4&quot;</td>
<td>1/4&quot;</td>
<td>9/16&quot;</td>
<td>3/32&quot;</td>
<td>.010&quot;</td>
</tr>
<tr>
<td>B-1373</td>
<td>1/4&quot;</td>
<td>9/32&quot;</td>
<td>1/2&quot;</td>
<td>1/16&quot;</td>
<td>.008&quot;</td>
</tr>
<tr>
<td>W-382</td>
<td>3/8&quot;</td>
<td>25/64&quot;</td>
<td>3/4&quot;</td>
<td>.090&quot;</td>
<td>.015&quot;</td>
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<tr>
<td>B-1374</td>
<td>3/8&quot;</td>
<td>27/64&quot;</td>
<td>39/64&quot;</td>
<td>3/64&quot;</td>
<td>.010&quot;</td>
</tr>
<tr>
<td>W-383</td>
<td>7/16&quot;</td>
<td>29/64&quot;</td>
<td>.840&quot;</td>
<td>.060&quot;</td>
<td>.015&quot;</td>
</tr>
<tr>
<td>W-142</td>
<td>9/16&quot;</td>
<td>19/32&quot;</td>
<td>7/8&quot;</td>
<td>5/64&quot;</td>
<td>.032&quot;</td>
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<tr>
<td>W-385</td>
<td>5/8&quot;</td>
<td>659-.640&quot;</td>
<td>.885-.865&quot;</td>
<td>.125&quot;</td>
<td>.015&quot;</td>
</tr>
</tbody>
</table>

**PKG QTY. 100**

### Spherical Spring Tension Washers

Plain Finish

<table>
<thead>
<tr>
<th>SPAEN AU R No.</th>
<th>Inside Diameter</th>
<th>Outside Diameter</th>
<th>Height</th>
<th>Material Thickness</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>680-001</td>
<td>1/8&quot;</td>
<td>15/32&quot;</td>
<td>5/64&quot;</td>
<td>.020&quot;</td>
<td>Steel</td>
</tr>
<tr>
<td>W-141</td>
<td>3/16&quot;</td>
<td>1/2&quot;</td>
<td>.068&quot;</td>
<td>.016&quot;</td>
<td>Steel</td>
</tr>
</tbody>
</table>

**PKG QTY. 100**

### Assortment

**805-527**

#### Inch & Metric Sizes

**Spring Tension Washers**

Steel - Plain Finish

**Bowed and Wave**

29 SIZES - 1175 WASHERS

Furnished in a Regular Size grey enamelled STEEL Drawer, with scooped bins. Drawer will fit into Slide Racks shown on page A2

Shipping Weight: 2.26 kg (5 lbs.)

For the complete assortment contents turn to A81

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Spring Tension Washers

Metric BOWED SPRING WASHERS
High Grade, Tempered Steel - Plain Finish (Oil), Zinc Plated, Yellow Zinc Plated and A2 Stainless Steel

These parts are appropriately used in light metal construction where a useful elastic spring action proportionally high with respect to the washer's outer diameter is looked for. These washers can be flattened out completely without effect on their resiliency.

Metric SINGLE WAVE SPRING WASHERS
High Grade, Tempered Steel - Plain Finish (Oil), Zinc Plated, Yellow Zinc Plated and A2 Stainless Steel

This type is used wherever a higher pressure than with type A is required, and when this pressure is to be distributed at several points. It is particularly recommended with aluminum screws and parts to be fixed, as the resilient effect catches up with the extrusion of this metal under the tightening pressure.
METRIC SPRING TENSION WASHERS
High Grade Tempered Steel
Plain Finish (Oil)
Contains 24 SIZES - 1800 PIECES
Regular Size welded STEEL drawer is finished in grey enamel with 24 scooped bins. Will fit into the Slide Racks shown on page A2.
Shipping weight 3.06 kg (6.75 lbs.)

INCH & METRIC SPRING TENSION WASHERS
High Grade Tempered Steel Plain Finish (Oil)
Contains 20 SIZES - 1700 PIECES
Regular Size welded STEEL drawer is finished in grey enamel with 24 scooped bins. Will fit into the Slide Racks shown on page A2.
Shipping weight 3.06 kg (6.75 lbs.)

For the complete assortment contents turn to A82