The original Squirt® Washer has been replaced by the DuraSquirt® DTI Washer that features:

- A durable squirt indication that lasts on the connection. Engineered to withstand the elements- from wind, heavy rain and extreme temperatures. To prove how much DuraSquirt® DTI Washers can withstand, it was run through an automated dishwasher for 1 year. Despite the daily punishment of heated turbulent water and detergent, the squirt media was still visible.

- Complete indication occurs after minimum tension has been achieved.

- Simple to use and easy for installers and inspectors to see when the required tension is achieved. Not affected by poor torque tension correlation factors such as weathering, poor lubrication and damaged threads.

- A clear visual indication when the bolt assembly is tensioned correctly by “squirting” bright orange indicator. By using DuraSquirt® DTI Washers the installer is alerted to poor quality AS1252 assemblies and other issues in the connection.

- Independently tested from -50 to 104 degrees Celsius.

### Material

| Material | ASTM F959M / Class 8.8 |

### Finish

| Finish | MGAL Mechanical Galvanised |

### Part | Diameter | No. of Bumps | Dimension | Min Bolt Tension | Pack Qty |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Ø (mm)</td>
<td></td>
<td>OD (mm)</td>
<td>ID (mm)</td>
<td>THICK (mm)</td>
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<tr>
<td>WDSTDGM12</td>
<td>M12</td>
<td>4</td>
<td>27.0</td>
<td>12.3</td>
<td>2.5</td>
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<tr>
<td>WDSTDGM16</td>
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<td>33.3</td>
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<td>M20</td>
<td>5</td>
<td>40.3</td>
<td>20.7</td>
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<td>7</td>
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<td>M36</td>
<td>8</td>
<td>70.2</td>
<td>37.5</td>
<td>4.7</td>
</tr>
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</table>

### Applications

- Structural steel connections with AS1252 - assemblies.

### Gap measurement for long-term/future verification

- Feeler gauge check = 0.13mm
- Additional feeler gauges available on request. Part Number XGF013

**Bolting Completed in Three Easy Steps:**

1. **Snug** – Steel plates in firm contact
2. **Squirt** – Drive it till it squirts!
   - No torque calibration or matchmarking required
3. **Inspect** – Visual indication of bolt tension; easy, safe and fast
Installation Methods

**Standard Installation**

A Durasquirt® DTI Washer at the nut end. – Turn the nut end.

![Diagram A](image)

**Alternative Installation**

B An additional hardened washer is required under the head of the bolt to ensure the correct performance of the Durasquirt® DTI Washer. – Turn the head.

![Diagram B](image)

**Installation Check!**

Tighten and ensure squirts are achieved for each bump known as complete indication.

![Diagram Check](image)

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