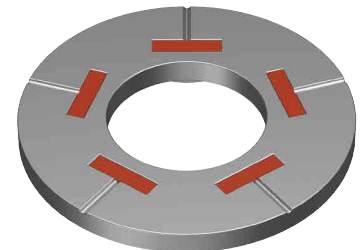


PRODUCT DATA

DuraSquirt® DTI (Direct Tension Indicator) Washer

The original Squirter® Washer has been replaced by the DuraSquirt® DTI Washer that features: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




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

Material	 8.8	ASTM F959M / Class 8.8
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Finish	 MGAL	Mechanical Galvanised	
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Part	Diameter	No. of Bumps	Dimension			Min Bolt Tension	Pack Qty
			OD	ID	THICK		
	Ø (mm)		min (mm)	min (mm)	min (mm)	(kN) as per AS4100	
WDSTDGM12	M12	4	27.0	12.3	2.5	51	100
WDSTDGM16	M16	4	33.3	16.4	3.1	95	100
WDSTDGM20	M20	5	40.3	20.7	3.5	145	100
WDSTDGM24	M24	5	48.5	24.9	3.9	210	100
WDSTDGM30	M30	7	58.2	31.1	3.9	335	50
WDSTDGM36	M36	8	70.2	37.5	4.7	490	50

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

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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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PRODUCT DATA

DuraSquirt® DTI (Direct Tension Indicator) Washer

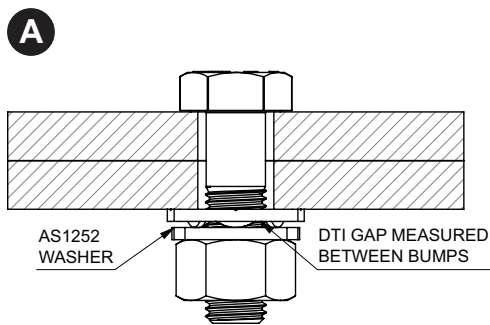
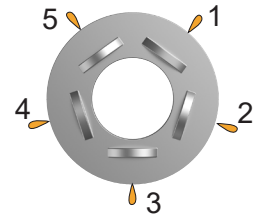
Installation Methods

Standard Installation

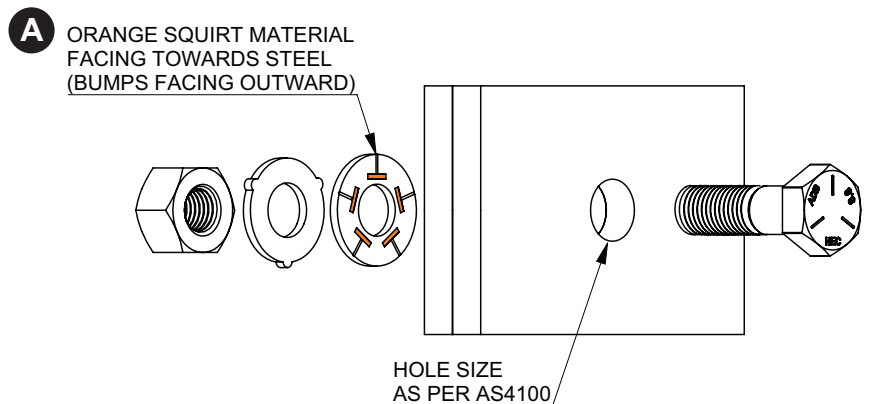
- A** Durasquirt® DTI Washer at the nut end. – Turn the nut end.

Installation Check!

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

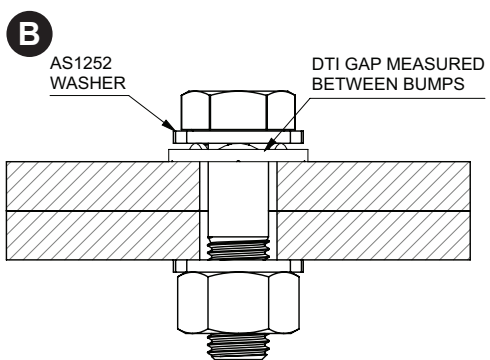


DTI UNDER NUT,
NUT TURNED

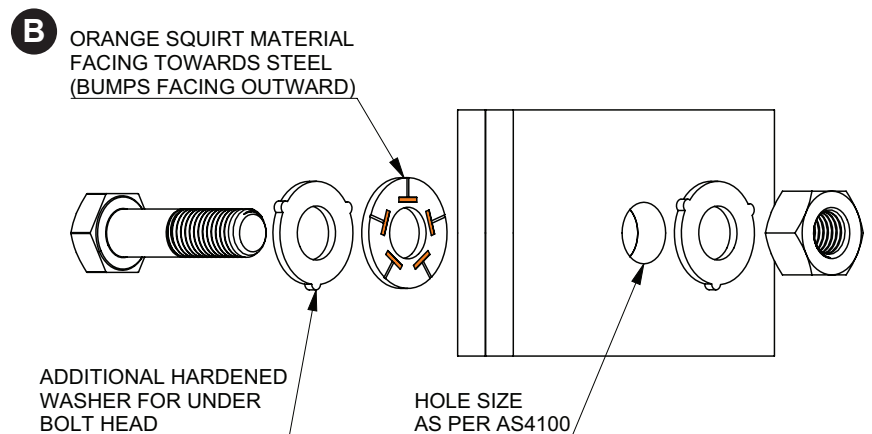


Alternative Installation

- 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.



DTI UNDER BOLT
HEAD, BOLT HEAD
TURNED



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