

Anti-Vibration Acoustic Washers



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Why Choose AWTH/AWR/AWS Acoustic Washers?

Farrat anti vibration washers are used to isolate bolt through connections by providing a resilient separation of the bolt and the isolated structure and in the case of AWR where there is no space available for an isolation sleeve.

Features

- Used in conjunction with acoustic / anti vibration pads to provide a degree of vibration isolation across bolt through fixings where necessary for stability and security
- If an acoustic washer is omitted then the anti vibration pad will be bypassed by the fixing bolt and will therefore offer limited isolation and the vibration can be transmitted through the fixing bolt
- Manufactured for durability, performance and ease of on site installation by vulcanising zinc plated washer to a Chloroprene (Neoprene) acoustic washer and sleeve (bush)
- Good oil, chemical and fire resistance
- Operating temperature range from -10 to +90 °C

Fire rating / building material class: B2

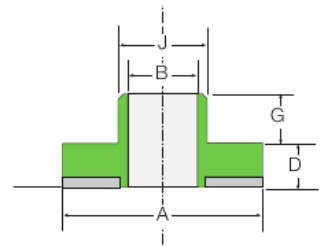
Applications

Any bolt through connection which requires isolation such as:

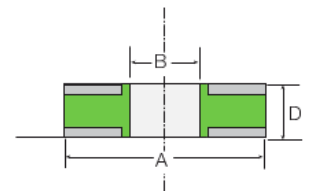
- Steelwork Isolation in building structures
- Machine tool holding down bolts



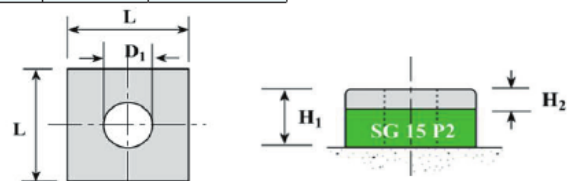
AWTH Washers						Normal Applications			Maximum Loads		
	A	B	D	G	J Min hole diameter required in steelwork	Torque* Normal	Number of turns to metric standard threads	Static Deflection	Torque* Max	Number of turns to metric standard threads	Static Deflection
	mm	mm	mm	mm	mm	Nm		mm	Nm		mm
AWTH 08	26	8.5	5.6	10	12.5	2.5	1/3	0.4	4	1/2	0.6
AWTH 10	30	10.5	6.0	10	14.5	5.5	1/4	0.4	8	1/3	0.6
AWTH 12	40	13.0	6.5	10	16.5	18	1/4	0.4	27	1/3	0.6
AWTH 16	50	17.0	8.0	10	22.5	22	1/4	0.5	33	1/3	0.8
AWTH 20	61	21.0	9.0	10	27.0	52	1/4	0.6	79	1/3	0.9
AWTH 24	65	25.0	10.0	10	31.0	56	1/4	0.6	85	1/3	0.9



AWR Washers				Normal Applications			Maximum Loads		
	A	B	D	Torque Normal	Number of turns to metric standard threads	Static Deflection	Torque Max	Number of turns to metric standard threads	Static Deflection
	mm	mm	mm	Nm		mm	Nm		mm
AWR 08	26	8.5	7	3		0.4	4	1/2	0.6
AWR 10	30	10.5	10	5	1/3	0.6	8	2/3	0.9
AWR 12	40	13.0	11	13	1/4	0.6	20	2/3	0.9
AWR 16	50	17.0	16	20	1/4	1	30	3/4	1.5
AWR 20	61	21.0	16	30	1/4	1	44	2/3	1.5
AWR 24	65	25.0	18	35	1/4	1	54	1/2	1.5



AWS	L (mm)	D2 (mm)	H1 (mm)	H2 (mm)	T (Nm)	F (kN)
AWS 30	80	31	21	6	190	34
AWS 36	90	37	21	6	280	42
AWS 42	100	43	25	10	390	50
AWS 48	110	49	25	10	540	60
AWS 56	125	57	25	10	840	80



T: Tightening Torque Nm F: Corresponding Bolt Tension kN

Global experts in
Vibration Control,
Thermal Isolation &
Precision Levelling Solutions
for Construction, Industry
& Power Generation



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