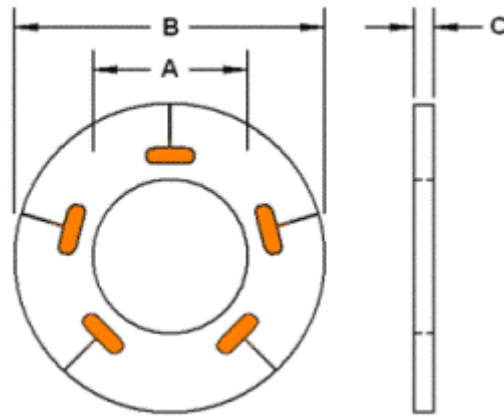


Load Indicating Washer



ASTM F959 Plain WLI325--- Mech Galv = WLI325---GD Zinc = WLI325---Z1
 ASTM F959 Plain WLI490--- Mech Galv = WLI490---GD Zinc = WLI490---Z1
 ASTM F959 Mechanically Galvanized Sqrter = WLI490---GDS

Bolt Size	A325			A490			A325 or A490	
	Max OD (B)	Number of Protrusions	Thickness After Compression	Max OD (B)	Number of Protrusions	Thickness After Compression	ID Max (A)	PTD Max
1/2	1.187	4	0.120	1.375	5	0.120	0.527	0.788
5/8	1.375	4	0.140	1.625	5	0.140	0.658	0.956
3/4	1.625	5	0.140	1.750	6	0.160	0.790	1.125
7/8	1.875	5	0.160	2.000	6	0.180	0.921	1.294
1	2.000	6	0.180	2.250	7	0.180	1.052	1.463
1-1/8	2.250	6	0.180	2.500	7	0.180	1.183	1.631
1-1/4	2.500	7	0.180	2.750	8	0.180	1.315	1.800
1-3/8	2.750	7	0.180	3.000	8	0.180	1.446	1.969
1-1/2	3.000	8	0.180	3.250	9	0.180	1.577	2.138

Dimension specifications per ASTM F959