



Washers



Round

Material

Galvanized Steel

Catalog Number	OD	Hole Dia	Bolt Dia	Thickness	Weight/ 100 (lbs)
J1084	1	7/16	3/8	0.083	1.5
J1086	1 3/8	9/16	1/2	0.109	3.1
J1088	1 3/4	11/16	5/8	0.134	6.5
J1089	2	13/16	3/4	0.148	9.5



Spring, Formed Steel

Spring formed steel washers are used to keep units in tension when wood crossarm or wood pole shrinkage occurs.

Features

- Designed to enable the nut of a bolt to seat flat on the spring washer surface when it is compressed

Material

Steel hot dip galvanized

Catalog Number	Bolt Dia	Material Size	Formed Length	C	Weight/ 100 (lbs)
J3539	1/2	3/16 x 1	2 7/16	1/2	23
J3540	5/8	1/4 x 1 3/4	3 3/4	9/16	90
J3541	3/4	1/4 x 1 3/4	3 3/4	9/16	88
J3542	7/8	1/4 x 1 3/4	3 3/4	9/16	96
J3543	1	1/4 x 1 3/4	3 3/4	9/16	92



Spring Lock, Single Coil

Features

- Made of high grade spring steel to keep a bolt nut in tension, insuring a tight assembly under all temperatures

Material

Steel hot dip galvanized

Catalog Number	Size (in)	Bolt Dia	Weight/ 100 (lbs)
J134	0.141 x 0.094	3/8	0.8
J138	0.171 x 0.125	1/2	2.0
J139	0.203 x 0.156	5/8	2.7
J140	0.234 x 0.188	3/4	4.5



Spring Lock, Double Coil

Double coil spring lock washers compensate for wood shrinkage to help eliminate radio interference caused by loose hardware.

Material

Steel hot dip galvanized

Catalog Number	Size (in)	Bolt Dia	Weight/ 100 (lbs)
J175	0.141 x 0.094	3/8	1.1
J176	0.171 x 0.125	1/2	3.2
J177	0.203 x 0.156	5/8	4.1
J178	0.234 x 0.188	3/4	7.0