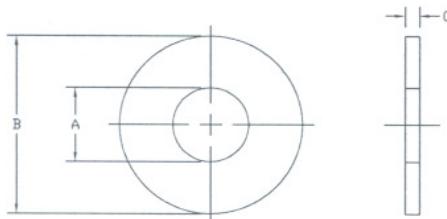


Flat Washers, Low Carbon, SAE, Zinc Plated, Manufactured in the USA

The information below lists the required dimensional, chemical and physical characteristics of the products in this purchase order. If the order received does not meet these requirements, it may result in a supplier corrective action request, which could jeopardize your status as an approved vendor. Unless otherwise specified, all referenced consensus standards must be adhered to in their entirety.



Nominal Washer Size	SAE Flat Washers								
	A			B			C		
	Basic	Inside Diameter		Basic	Outside Diameter		Basic	Thickness	
		Plus	Minus		Plus	Minus		Max	Min
No. 4	.125	.008	.005	.312	.008	.005	.032	.040	.025
6	.156	.008	.005	.375	.015	.005	.049	.065	.036
8	.188	.008	.005	.438	.015	.005	.049	.065	.036
10	.219	.008	.005	.500	.015	.005	.049	.065	.036
12	.250	.015	.005	.562	.015	.005	.065	.080	.051
1/4	.281	.015	.005	.625	.015	.005	.065	.080	.051
5/16	.344	.015	.005	.688	.015	.007	.065	.080	.051
3/8	.406	.015	.005	.812	.015	.007	.065	.080	.051
7/16	.469	.015	.005	.922	.015	.007	.065	.080	.051
1/2	.531	.015	.005	1.062	.030	.007	.095	.121	.074
9/16	.594	.015	.005	1.156	.030	.007	.095	.121	.074
5/8	.656	.030	.007	1.312	.030	.007	.095	.121	.074
3/4	.812	.030	.007	1.469	.030	.007	.134	.160	.108
7/8	.938	.030	.007	1.750	.030	.007	.134	.160	.108
1	1.062	.030	.007	2.000	.030	.007	.134	.160	.108
1 1/8	1.250	.030	.007	2.250	.030	.007	.134	.160	.108
1 1/4	1.375	.030	.007	2.500	.030	.007	.165	.192	.136
1 3/8	1.500	.030	.007	2.750	.030	.007	.165	.192	.136
1 1/2	1.625	.030	.007	3.000	.030	.007	.165	.192	.136

Specification Requirements:

- Dimensions: ASME B18.21.1, Type A Plain Washers.
- Material: Carbon steel.
- Coating: ASTM B633, SC1, Type III. (Trivalent)
- Manufacturer: Manufactured in the USA, (see *Fastenal Product Standard "FNL.FW.LC.SAE.Z" for bolts manufactured outside the USA*).