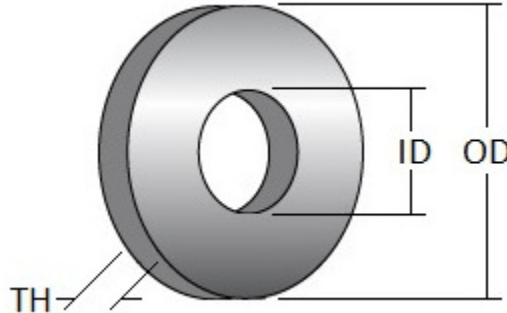


Page 1 of 1	Product Standard	REV-00
Date: March 10, 2024	USS Flat Washer Zinc Plated	USSFWZ.LC.A

USS Flat Washer, Low Carbon, Type A, Zinc

This product standard contains the required dimensional, mechanical, performance, and chemical characteristics of the products specified.



USS Flat Washers								
Size	ID			OD			TH	
	Inside Diameter			Outside Diameter			Thickness	
	Basic	Tolerance		Basic	Tolerance		Max.	Min.
		Plus	Minus		Plus	Minus		
3/16	.250	.015	.005	.562	.015	.005	.065	.036
1/4	.312	.015	.005	.734	.015	.007	.080	.051
5/16	.375	.015	.005	.875	.030	.007	.104	.064
3/8	.438	.015	.005	1.000	.030	.007	.104	.064
7/16	.500	.015	.005	1.250	.030	.007	.104	.064
1/2	.562	.015	.005	1.375	.030	.007	.132	.086
9/16	.625	.015	.005	1.469	.030	.007	.132	.086
5/8	.688	.030	.007	1.750	.030	.007	.160	.108
3/4	.812	.030	.007	2.000	.030	.007	.177	.122
7/8	.938	.030	.007	2.250	.030	.007	.192	.136
1	1.062	.030	.007	2.500	.030	.007	.192	.136
1-1/8	1.250	.030	.007	2.750	.030	.007	.192	.136
1-1/4	1.375	.030	.007	3.000	.030	.007	.192	.136
1-3/8	1.500	.045	.010	3.250	.045	.010	.213	.153
1-1/2	1.625	.045	.010	3.500	.045	.010	.213	.153
1-5/8	1.750	.045	.010	3.750	.045	.010	.213	.153
1-3/4	1.875	.045	.010	4.000	.045	.010	.213	.153
1-7/8	2.000	.045	.010	4.250	.045	.010	.213	.153
2	2.125	.045	.010	4.500	.045	.010	.213	.153
2-1/4	2.375	.045	.010	4.750	.045	.010	.248	.193
2-1/2	2.625	.045	.010	5.000	.045	.010	.280	.210
2-3/4	2.875	.065	.010	5.250	.065	.010	.310	.228
3	3.125	.065	.010	5.500	.065	.010	.327	.249

Specification Requirements:

- Dimensions: ASME B18.21.1, Type A, Wide Plain Washers
- Material: Low Carbon Steel
- Finish: Fe/Zn 3AN per ASTM F1941/F1941M