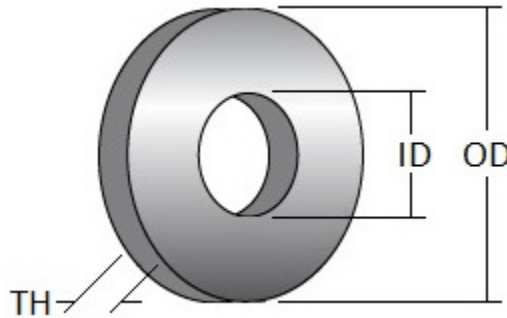


Page 1 of 2	Fastenal Product Standard	REV-00
Date: November 5, 2018	FASTENAL	FW.LC.USS.A.HDG

Flat Washer, Low Carbon, USS, Type A, Hot Dip Galvanized

This product standard contains the required dimensional, mechanical, performance, and chemical characteristics of the products shown in this purchase order (as applicable to the product). Unless specified below, current revisions of national or international standards shall be applicable as of the date of Fastenal's purchase order and must be adhered to in their entirety. If the order received does not meet these requirements, corrective action may be issued which could jeopardize your status as an approved supplier to Fastenal.



USS Flat Washers								
Nominal Washer 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

Dimensions above are prior to coating

RECORD OF REVISION CHANGES TO THIS DOCUMENT ARE LOCATED ON THE LAST PAGE

Page 2 of 2	Fastenal Product Standard	REV-00
Date: November 5, 2018	<i>FASTENAL</i>	FW.LC.USS.A.HDG

Specification Requirements:

- Dimensions: ASME B18.21.1, Type A, Wide Plain Washers
- Material: Low Carbon Steel
- Finish: Hot Dip Galvanize per ASTM A153/A153M or ASTM F2329/F2329M

Revision Level Changes to this Document

Document Name	Revision Level	Revision Date	Rationale for Revision
FW.LC.USS.HDG	03	6/4/2018	Revised galvanizing specification callout.
FW.LC.USS.A.HDG	00	11/5/2018	Revised title.

The rationale above may not include all of the changes within each revision. A complete review of the Fastenal Product Standard is required.