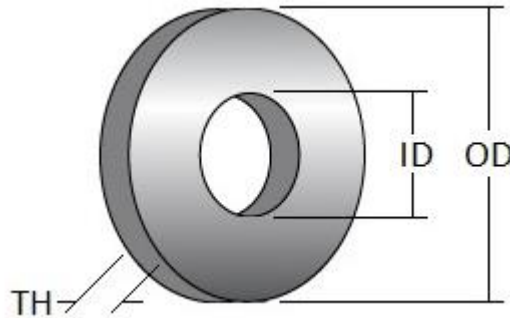


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Flat Washer, Small OD, 18-8 Stainless Steel

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.



Nominal Size	OD		ID		TH	
	Outside Diameter		Inside Diameter		Thickness	
	Min.	Max.	Min.	Max.	Min.	Max.
#0	0.172	0.202	0.063	0.093	0.022	0.028
#2	0.245	0.270	0.083	0.103	0.022	0.042
#3	0.245	0.270	0.099	0.119	0.022	0.042
#4	0.275	0.300	0.115	0.135	0.022	0.042
#5	0.430	0.450	0.133	0.151	0.033	0.047
#6	0.307	0.320	0.151	0.164	0.022	0.042
#8	0.370	0.395	0.164	0.184	0.022	0.042
#10	0.433	0.458	0.213	0.223	0.022	0.042
#12	0.495	0.505	0.253	0.263	0.033	0.047
1/4	0.620	0.630	0.280	0.290	0.033	0.047
5/16	0.745	0.755	0.339	0.349	0.033	0.047
3/8	0.870	0.880	0.401	0.411	0.043	0.057
7/16	1.120	1.130	0.495	0.505	0.055	0.070
1/2	1.245	1.255	0.555	0.567	0.055	0.070
9/16	1.055	1.067	0.600	0.630	0.068	0.088
5/8	1.495	1.505	0.683	0.692	0.068	0.088
3/4	1.745	1.755	0.810	0.820	0.090	0.113
7/8	1.995	2.005	0.932	0.942	0.090	0.113
1	1.995	2.005	1.057	1.067	0.108	0.123
1 1/8	2.495	2.505	1.178	1.195	0.108	0.123
1 1/4	2.745	2.755	1.307	1.317	0.108	0.123
1 3/8	3.300	3.385	1.500	1.600	0.129	0.149
1 1/2	3.245	3.265	1.550	1.570	0.129	0.149
1 3/4	3.450	3.650	1.750	1.950	0.129	0.149
2	3.900	4.125	2.050	2.185	0.149	0.169

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

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Specification Requirements:

- Dimensions: See Table Above
- Material: Stainless Steel meeting the following chemical composition %:
C: 0.10 (Max.), Mn 2.00 (Max.), Cr^A: 16.0 – 20.0, Ni: 8.0 – 19.0,
P: 0.045 (Max.), Cu: 4.0 (Max.)
A. If chromium content is below 17.0%, the minimum nickel content shall be 12.0%.
- Finish: ASTM A380/A380M

Revision Level Changes to this Document

Document Name	Revision Level	Revision Date	Rationale for Revision
FW.SMOD.SS	04	5/4/2021	Updated format.
FW.SMOD.SS	05	7/4/2022	Added chemical composition.
FW.SMOD.SS	06	6/30/2025	Revised chemical composition.

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