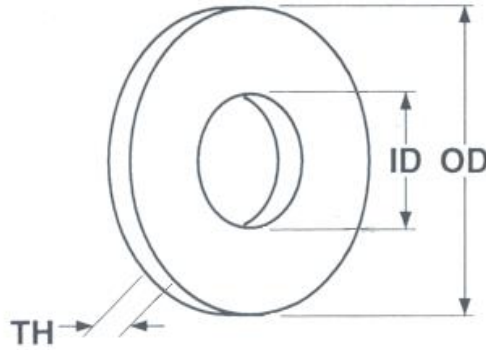


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Flat Washers, Small OD, Silicon Bronze

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 Washer Size	ID			OD			TH		
	Inside Diameter			Outside Diameter			Thickness		
	Basic	Tolerance		Basic	Tolerance		Basic	Max.	Min.
		Plus	Minus		Plus	Minus			
6	.147	.008	.005	.312	.015	.005	.025	.028	.021
8	.172	.008	.005	.375	.015	.005	.032	.035	.027
10	.200	.008	.005	.437	.015	.005	.032	.035	.027
12	.228	.008	.005	.500	.015	.005	.049	.065	.036
1/4	.312	.015	.005	.734	.015	.007	.065	.080	.051
5/16	.340	.015	.005	.750	.030	.007	.062	.069	.057
3/8	.392	.015	.005	.875	.030	.007	.062	.069	.057
7/16	.500	.015	.005	1.125	.030	.007	.083	.104	.064
1/2	.562	.015	.005	1.250	.030	.007	.091	.099	.082
5/8	.688	.030	.007	1.500	.030	.007	.102	.160	.100
3/4	.812	.030	.007	2.000	.030	.007	.148	.177	.122
7/8	.938	.030	.007	2.250	.030	.007	.165	.192	.136
1	1.062	.030	.007	2.500	.030	.007	.165	.192	.136

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

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Specification Requirements:

- Dimensions: See Table Above
- Material: 651, 655, or 656 Silicon Bronze Alloy (UNS C65100, C65500 or C65600) or other silicon bronze alloys meeting RoHS compliance at time of Fastenal Purchase order
- Finish: Plain, as processed

Revision Level Changes to this Document

Document Name	Revision Level	Revision Date	Rationale for Revision
FW.SMOD.SB	01	6/26/2020	Removed 'AISI' from silicon bronze alloy series, corrected UNS C56500 to C65600, replaced RoHS with specified chemical composition.
FW.SMOD.SB	02	5/18/2021	Revised material requirement.

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