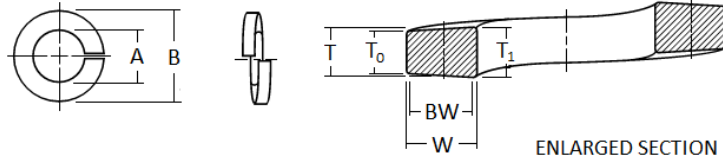


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Lock Washer, Regular Split, Silicon Bronze

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	A		B	T	W	BW
	Inside Diameter		Outside Diameter	Mean Section Thickness $(t_1+t_0)/2$	Section Width	Bearing Width
	Max.	Min.	Max.	Min.	Min.	Min.
#2	.094	.088	.172	.020	.035	.024
#3	.107	.101	.195	.025	.040	.028
#4	.120	.114	.209	.025	.040	.028
#5	.133	.127	.236	.031	.047	.033
#6	.148	.141	.250	.031	.047	.033
#8	.174	.167	.293	.040	.055	.038
#10	.200	.193	.334	.047	.062	.043
#12	.227	.220	.377	.056	.070	.049
1/4	.260	.252	.487	.062	.109	.076
5/16	.322	.314	.583	.078	.125	.087
3/8	.385	.377	.680	.094	.141	.099
7/16	.450	.440	.776	.109	.156	.109
1/2	.512	.502	.869	.125	.171	.120
9/16	.574	.564	.965	.141	.188	.132
5/8	.641	.628	1.073	.156	.203	.142
3/4	.766	.753	1.265	.188	.234	.164
7/8	.894	.878	1.459	.219	.266	.186
1	1.024	1.003	1.656	.250	.297	.208
1-1/8	1.153	1.129	1.847	.281	.328	.230
1-1/4	1.280	1.254	2.036	.312	.359	.251
1-3/8	1.408	1.379	2.219	.344	.391	.274
1-1/2	1.534	1.504	2.419	.375	.422	.295
1-5/8	1.663	1.633	2.553	.389	.424	.297
1-3/4	1.789	1.758	2.679	.389	.424	.297
1-7/8	1.914	1.883	2.811	.422	.427	.299
2	2.039	2.008	2.936	.422	.427	.299
2-1/4	2.293	2.262	3.221	.440	.442	.309
2-1/2	2.543	2.512	3.471	.440	.442	.309
2-3/4	2.793	2.762	3.824	.458	.491	.344
3	3.043	3.012	4.074	.458	.491	.344

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

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Specification Requirements:

- Dimensions: ASME B18.21.1
- 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
- Mechanical Properties: Silicon Bronze per ASME B18.21.1
- Twist Test: 45° per ASME B18.21.1

Revision Level Changes to this Document

Document Name	Revision Level	Revision Date	Rationale for Revision
LW.SB	02	1/29/2019	Revised medium to regular.
LW.SB	03	5/25/2021	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.