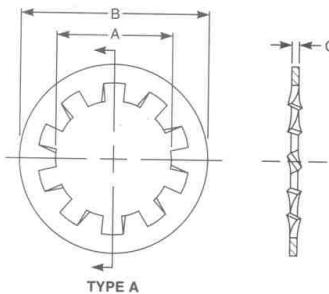


Page 1 of 1	Fastenal Product Standard	REV-02
Date: June 21, 2012	FASTENAL®	LW.IT.Z

Lock Washers, Internal Tooth, Zinc Plated

The information below lists the required dimensional, chemical and physical characteristics of the products in this purchase order. If the order received does not meet these requirements, it may result in a supplier corrective action request, which could jeopardize your status as an approved vendor. Unless otherwise specified, all referenced consensus standards must be adhered to in their entirety.



Nominal Washer Size	A		B		C	
	Inside Diameter		Outside Diameter		Thickness	
	Max	Min	Max	Min	Max	Min
No. 2	.095	.089	.200	.175	.016	.010
No. 3	.109	.102	.232	.215	.016	.010
No. 4	.123	.115	.270	.245	.018	.012
No. 5	.136	.129	.280	.255	.020	.014
No. 6	.150	.141	.295	.275	.022	.016
No. 8	.176	.168	.340	.325	.023	.018
No. 10	.204	.195	.381	.365	.024	.018
No. 12	.231	.221	.410	.394	.027	.020
1/4	.267	.256	.478	.460	.028	.023
5/16	.332	.320	.610	.594	.034	.028
3/8	.398	.384	.692	.670	.040	.032
7/16	.464	.448	.789	.740	.040	.032
1/2	.530	.512	.900	.867	.045	.037
9/16	.596	.576	.985	.957	.045	.037
5/8	.663	.640	1.071	1.045	.050	.042
3/4	.795	.769	1.245	1.220	.055	.047
7/8	.927	.894	1.410	1.364	.060	.052
1	1.060	1.019	1.637	1.590	.067	.059
1-1/8	1.192	1.144	1.830	1.799	.067	.059
1-1/4	1.325	1.275	1.975	1.921	.067	.059
1-3/8	1.418	1.394	1.950	1.920	.067	.059
1-1/2	1.530	1.500	2.515	2.485	.082	.074

Specification Requirements:

- Standard: ASME B18.21.1, Type A.
- Material: Carbon Steel, SAE J403 1050-1065.
- Coating: ASTM B633 SC1, Type III
- Corrosion Performance: No White Rust, for a minimum 12 hours when tested within 48 hours of plating [ASTM B117 Test Method]