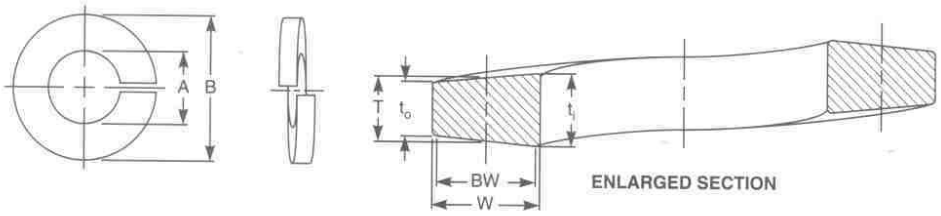
Fastenal Product Standard: FNL.LW.MZ

Medium Split Lock Washers, Mechanically Deposited Zinc

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	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
No. 2	.094	.088	.172	.020	.035	.024
No. 3	.107	.101	.195	.025	.040	.028
No. 4	.120	.114	.209	.025	.040	.028
No. 5	.133	.127	.236	.031	.047	.033
No. 6	.148	.141	.250	.031	.047	.033
No. 8	.174	.167	.293	.040	.055	.038
No. 10	.200	.193	.334	.047	.062	.043
No. 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

Specification Requirements:

- Standard: ASME B18.21.1.
- Material: Carbon Steel per SAE J403 1055-1065.
- Hardness: HRC 38 to 46.
- Finish: Mechanical Zinc per ASTM B695, Class 5, Type 1 (Clear).
- RoHS: Finish shall be in compliance with European Union Directive 2002/95/EC