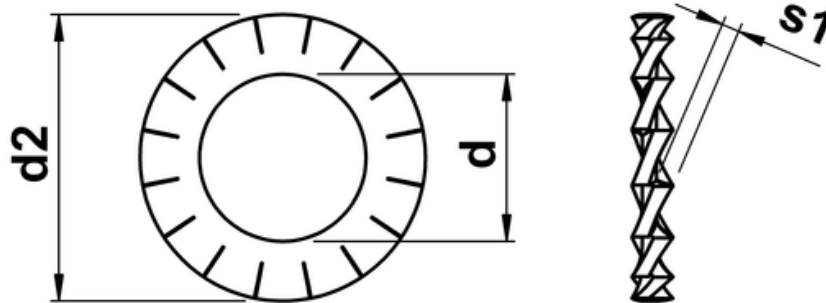




External Serrated Lock Washer

A toothed or perforated washer usually employed in electrical connections such as battery terminals, but can also be used in assemblies to help prevent loosening. This variant includes teeth on the external diameter. Produced to ASME B18.21.1.



No.	d Max.	d Min.	d2 Max.	d2 Min.	s1 Max.	s1 Min.
3	0.109	0.102	0.235	0.220	0.016	0.010
4	0.123	0.115	0.260	0.245	0.018	0.012
5	0.136	0.129	0.285	0.270	0.020	0.014
6	0.150	0.141	0.320	0.305	0.022	0.016
8	0.176	0.168	0.381	0.365	0.023	0.018
10	0.204	0.195	0.410	0.395	0.024	0.018
12	0.231	0.221	0.475	0.460	0.027	0.020
1/4	0.267	0.256	0.510	0.494	0.028	0.023
5/16	0.332	0.320	0.610	0.588	0.034	0.028
3/8	0.398	0.384	0.694	0.670	0.040	0.032
7/16	0.464	0.448	0.760	0.740	0.040	0.032
1/2	0.530	0.513	0.900	0.880	0.045	0.037
9/16	0.596	0.576	0.985	0.960	0.045	0.037
5/8	0.663	0.641	1.070	1.045	0.050	0.042
11/16	0.728	0.704	1.155	1.130	0.050	0.042
3/4	0.795	0.768	1.260	1.220	0.055	0.047
13/16	0.861	0.833	1.315	1.290	0.055	0.047
7/8	0.927	0.897	1.410	1.380	0.060	0.052
1	1.060	1.025	1.620	1.590	0.067	0.059