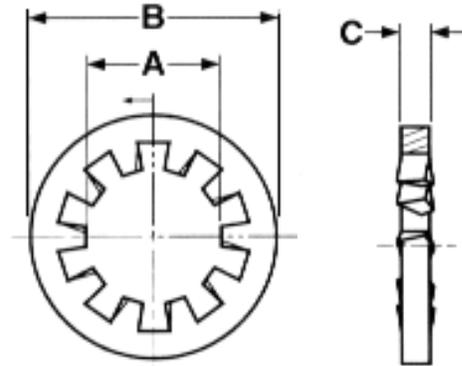


Internal and External Lock Washers

Internal Tooth

Bolt Size	A (min)	B (min)	C (min)
2	.089	.175	.010
3	.102	.215	.012
4	.115	.245	.015
5	.129	.255	.017
6	.141	.275	.017
8	.168	.325	.018
10	.195	.365	.020
12	.221	.394	.020
1/4	.256	.460	.023
5/16	.320	.594	.028
3/8	.384	.670	.032
7/16	.448	.740	.032
1/2	.512	.867	.037
5/8	.640	1.045	.042
3/4	.769	1.220	.047
7/8	.894	1.364	.052

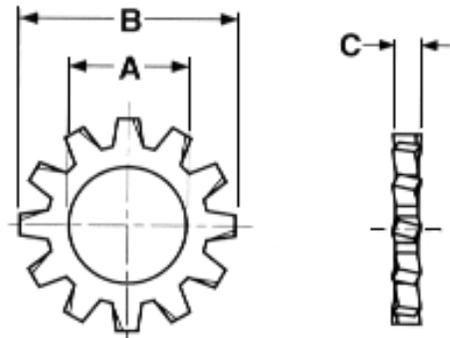
Zinc = WI010---Z1 Stainless = WI188---



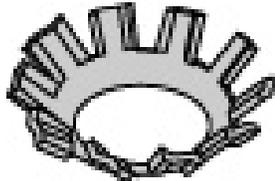
External Tooth

Bolt Size	A (min)	B (min)	C (min)
3	.102	.220	.012
4	.115	.245	.014
5	.129	.270	.015
6	.141	.305	.016
8	.168	.365	.018
10	.195	.395	.020
12	.221	.460	.023
1/4	.256	.494	.023
5/16	.320	.588	.028
3/8	.384	.670	.032
7/16	.448	.740	.032
1/2	.513	.880	.037
5/8	.641	1.045	.042
3/4	.768	1.220	.047

Zinc = WE010---Z1 Stainless = WE188---

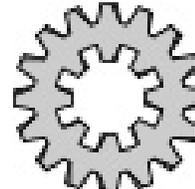


External Countersunk



Material: Carbon Steel WEC010---Z1

External and Internal



Material: Carbon Steel WEI010---Z1