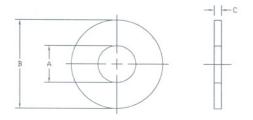
## Flat Washers, Low Carbon, SAE, Zinc Plated



SAE Flat Washers									
Nominal Washer Size	Α			В			С		
	Inside Diameter			Outside Diamter			Thick ress		
	Basic	Tolerance		Basic	Tolerance		Basic	Max	Min
		Plus	Minus	Dasic	Plus	Minus	D (310	.vie x	IVIIII
2	.094	.000	.005	.250	.000	.005	.020	.025	.016
3	.109	.008	.005	.250	.008	.005	.037	.040	.025
4	.125	.008	.005	.312	.00	.003	.032	.040	.025
5	.145	.008	.005	.286	.008	005	.032	.040	.025
6	.156	.008	.005	.375		.005	.049	.065	.036
8	.188	.008	.005	.438	.015	.005	.049	.065	.036
10	.219	.008	.005	./100	.c 15	.005	.049	.065	.036
12	.250	.015	.005	5.5 .5	.015	.005	.065	.080	.051
1/4	.281	.015	.005	.t 25	.015	.005	.065	.080	.051
5/16	.344	.015	.005	.688	.015	.007	.065	.080	.051
3/8	.406	.015	05	.812	.015	.007	.065	.080	.051
7/16	.469	. วาธ	.005	.922	.015	.007	.065	.080	.051
1/2	.531	.0.5	.005	1.062	.030	.007	.095	.121	.074
9/16	.594	015	.005	1.156	.030	.007	.095	.121	.074
5/8	, C 9 3	.030	.007	1.312	.030	.007	.095	.121	.074
3/4	. 12	.030	.007	1.469	.030	.007	.134	.160	.108
7/8	.938	.030	.007	1.750	.030	.007	.134	.160	.108
1	1.062	.030	.007	2.000	.030	.007	.134	.160	.108
1 1/8	1.250	.030	.007	2.250	.030	.007	.134	.160	.108
1 1/4	1.375	.030	.007	2.500	.030	.007	.165	.192	.136
1 3/8	1.500	.030	.007	2.750	.030	.007	.165	.192	.136
1 1/2	1.625	.030	.007	3.000	.030	.007	.165	.192	.136

## Specification Requirements:

• Dimensions: ASME B18.21.1, Type A Plain Washers. Except #3 and #5 see dimensions above.

• Material: Carbon steel.