

PRODUCT INFORMATION SHEET

FLAT WASHERS, SAE PATTERN, (SIZE N) UNHARDENED

Typical Material: Low Carbon Steel (made from scrap pieces of steel)

Material and Mechanical Properties: No Requirements

Dimensions: ANSI B18.22.1, Table 1A, Size "N"

Other Specification: ASTM F844

Zinc Plating: Purchased to meet ASTM F1941 FeZn3A

Hardness: No Hardness Specification



SAE FLAT WASHER DIMENSIONS

Size	O.D.	I.D.	Thickness
#2*	0.245-0.250	0.089-0.094	0.016-0.025
#3*	0.245-0.255	0.104-0.114	0.018-0.025
#4*	0.305-0.320	0.120-0.133	0.025-0.040
#6*	0.370-0.390	0.151-0.164	0.036-0.065
#8*	0.433-0.453	0.183-0.196	0.036-0.065
#10*	0.495-0.515	0.214-0.227	0.036-0.065
#12*	0.557-0.577	0.245-0.265	0.051-0.080
1/4	0.620-0.640	0.276-0.296	0.051-0.080
5/16	0.681-0.703	0.339-0.359	0.051-0.080
3/8	0.805-0.827	0.401-0.421	0.051-0.080
7/16	0.915-0.937	0.464-0.484	0.051-0.080
1/2	1.055-1.092	0.526-0.546	0.074-0.121
9/16	1.149-1.186	0.589-0.609	0.074-0.121
5/8	1.305-1.342	0.649-0.686	0.074-0.121
3/4	1.462-1.499	0.805-0.842	0.108-0.160
7/8	1.743-1.780	0.931-0.968	0.108-0.160
1	1.993-2.030	1.243-1.280	0.108-0.160
1 1/8	2.243-2.280	1.243-1.280	0.108-0.160
1 1/4	2.493-2.530	1.368-1.405	0.136-0.192
1 3/8	2.743-2.780	1.493-1.530	0.136-0.192
1 1/2	2.993-3.030	1.618-1.655	0.136-0.192

*washer dimensions are approximate as specification does not includes these sizes as "SAE" washers.



GLASER & ASSOCIATES, INC.

4808 SUNRISE DRIVE, MARTINEZ, CA 94553

TOLL FREE: (855)532-2658 • WWW.GLASERBOLT.COM

The information presented is believed to be accurate at the time of document creation. However, Glaser & Associates is not responsible for any claim traceable to any errors (typographical or otherwise) as contained herein. Glaser & Associates makes no warranties as to the accuracy of this information.