

PRODUCT INFORMATION SHEET

HARDENED FLAT WASHERS, SAE PATTERN (SIZE N)

Typical Material: Medium Carbon Steel

Material and Mechanical Properties: ASTM F436

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

Marking: Manufacturers I.D. mark

Zinc Plating: Purchased to meet ASTM F1941 FeZn3C

Hardness: HRC 38-45



HARDENED SAE FLAT WASHER DIMENSIONS

Size	O.D.	I.D.	Thickness
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	0.589 - 0.609	1.149 - 1.186	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	1.055 - 1.092	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



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