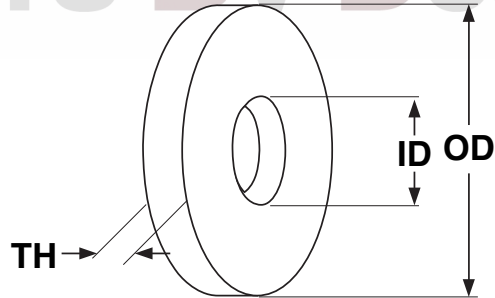


# Fasteners By Design Inc.



DOCK WASHERS							
Bolt Size (In.)	ID		OD		TH		Approximate Number of Washers per 25 lb. Box
	Inside Diameter		Outside Diameter		Thickness		
	Max	Min	Max	Min	Max	Min	
1/2	.578	.558	3.020	2.993	.280	.230	51
5/8	.718	.681	3.020	2.993	.280	.230	52
3/4	.843	.806	3.020	2.993	.280	.230	54
7/8	.968	.931	3.020	2.993	.280	.230	55
1	1.093	1.056	3.280	3.240	.280	.230	47

<b>Description</b>	A circular flat washer that is significantly thicker than most other washers and has greater surface area than even fender washers.
<b>Applications/ Advantages</b>	Commonly used in dock and construction applications where thicker washers are required but a low carbon part is acceptable.
<b>Material</b>	Washers are punched from hot-rolled or hot-rolled and pickled steel.
<b>Plating</b>	Dock washers are provided in both plain and hot-dip galvanized finishes.

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