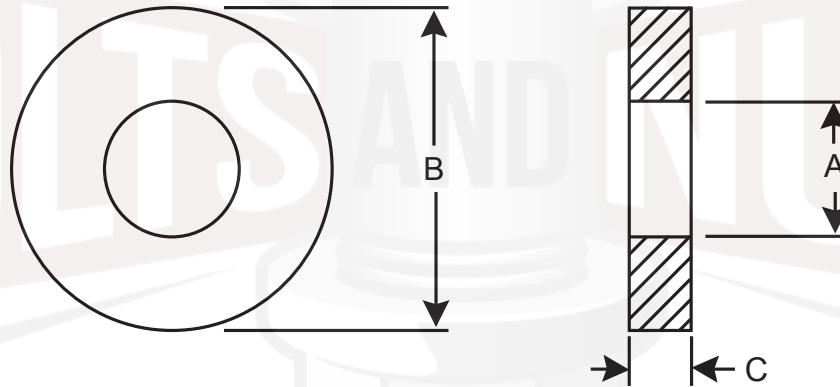




Grade 8 USS Extra Thick Flat Washers



Nominal Size or Basic Bolt Diameter	A			B			C	
	Inside Diameter (Inches)			Outside Diameter (Inches)			Thickness (Inches)	
	Basic	Tolerance		Basic	Tolerance		Tolerance	
		+	-		+	-	Max	Min
1/4"	0.281	0.015	0.005	0.734	0.015	0.007	0.090	0.110
5/16"	0.344	0.015	0.005	0.875	0.030	0.007	0.090	0.110
3/8"	0.406	0.015	0.005	1.000	0.030	0.007	0.110	0.126
7/16"	0.469	0.015	0.005	1.250	0.030	0.007	0.110	0.126
1/2"	0.531	0.015	0.005	1.375	0.030	0.007	0.156	0.188
9/16"	0.594	0.015	0.005	1.469	0.030	0.007	0.156	0.188
5/8"	0.656	0.030	0.007	1.750	0.030	0.007	0.170	0.195
3/4"	0.812	0.030	0.007	2.000	0.030	0.007	0.170	0.195
7/8"	0.938	0.030	0.007	2.250	0.030	0.007	0.235	0.265
1"	1.062	0.030	0.007	2.500	0.030	0.007	0.235	0.265

Material: 1035 Steel or Better (Grade 8 Equivalent)

Hardness: 38-45HRC

Mechanical & Physical Properties: ASTM F-436 - USS Pattern

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