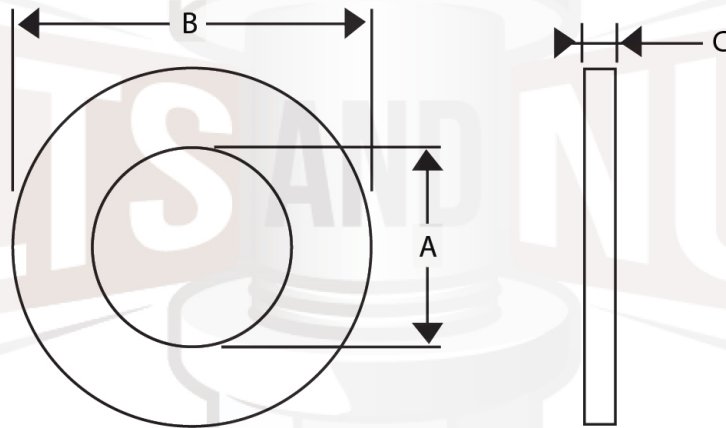




Grade 8 USS Flat Washers



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"	0.312	0.015	0.005	0.734	0.015	0.007	0.065	0.055
5/16"	0.375	0.015	0.005	0.875	0.030	0.007	0.080	0.064
3/8"	0.438	0.015	0.005	1.000	0.030	0.007	0.080	0.064
7/16"	0.500	0.015	0.005	1.250	0.030	0.007	0.080	0.064
1/2"	0.562	0.015	0.005	1.375	0.030	0.007	0.116	0.100
9/16"	0.625	0.015	0.005	1.469	0.030	0.007	0.116	0.100
5/8"	0.688	0.030	0.007	1.750	0.030	0.007	0.138	0.122
3/4"	0.812	0.030	0.007	2.000	0.030	0.007	0.138	0.122
7/8"	0.938	0.030	0.007	2.250	0.030	0.007	0.160	0.136
1"	1.062	0.030	0.007	2.500	0.030	0.007	0.160	0.136

Material: 1035 Steel or Better (Grade 8 Equivalent)
Hardness: 38-45HRC
Mechanical & Physical Properties: ASTM F-436 - USS Pattern

440.606.6557

www.boltsandnuts.com

info@boltsandnuts.com

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