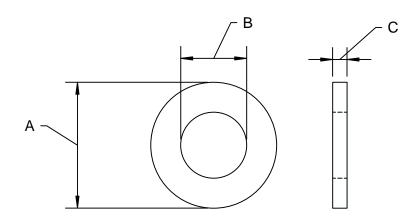
HARDENED WASHERS | ASTM F436

	111112111211111111111111111111111111111					
	A	В	С		Weight in Pounds	
	Outside	Inside	Thickness		Per 1000	
Bolt Size	Diameter	Diameter	Min	Max	Pieces	
1/2	1-1/16	17/32	0.097	0.177	18	
5/8	1-5/16	11/16	0.122	0.177	33	
3/4	1-15/32	13/16	0.122	0.177	41	
7/8	1-3/4	15/16	0.136	0.177	64	
1	2	1-1/16	0.136	0.177	82	
1-1/8	2-1/4	1-3/16	0.136	0.177	105	
1-1/4	2-1/2	1-3/8	0.136	0.177	133	
1-3/8	2-3/4	1-1/2	0.136	0.177	163	



	А	В	С	Weight In Pounds
	Inside	Outside		Per 1000
Bolt Size	Diameter	Diameter	Thickness	Pieces
3/8	7/16	1	0.083	20
1/2	9/16	1-3/8	0.109	40
5/8	11/16	1-3/4	0.134	80
3/4	13/16	2	0.148	110
7/8	15/16	2-1/4	0.165	150
1	1-1/16	2-1/2	0.165	190
1-1/8	1-1/4	2-3/4	0.165	220
1-1/4	1-3/8	3	0.165	260
1-3/8	1-1/2	3-1/4	0.18	330



GENERAL REQUIREMENTS

- 1. Fasteners are to be produced to specification ASTM F844 or ASTM F436 except where noted on this drawing.
- 2. Shipment Approval / Sample Submission
 - a. 25-piece sample for each lot must be submitted for approval prior to release of a shipment.
 - Samples must be submitted along with the Certificate of Inspection Report to the following;

TFC QUALITY ASSURANCE CENTER Pittsburgh, PA

Note: Any company who Triangle Fastener Corporation contracts to produce this "TFC SPECIFIC" product gives up the right to produce, market, or sell this fastener for any other entity. The contracted company fully understands that all design and market information that TFC provides is the property of TFC, and cannot be used without written permission by TFC. COPYRIGHT 2006 TFC

DWG. NUMBER	REV	DWG. BY APPROVED			3	
082212B		JES		NO.	WAS	DATE
CUSTOMER		CUSTOMER APPROVAL				
		DATE OF APPROVAL				
		DATE OF ALTROVAL				
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TFC
TRIANGLE FASTENER CORPORATION

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	DESCRIPTION	PESCRIPTION FLAT WASHERS				
		8.20.12				
	MATERIAL HE	AT TREATMENT	FINISH	CORROSION	SPECIFICATION	
			As requi	red by cuton	ner	
	PART WEIGHT	NOTES				
PART NUMBER		PACKAGING	Plain carton v	with TFC labeling		