# Wiley Solutions

## Telecom WEEB<sup>®</sup> Washer Washer Electrical Equipment Bond

The Telecom WEEB® Washer design utilizes patented WEEB® Washer teeth eliminating the need to remove nonconductive coatings (e.g. anodization and powder coat) when making bonding connections. The teeth pierce through most nonconductive coatings and embed into the underlying metal creating a bonding connection between the lug and the coated metal component that it is installed on (e.g. equipment racks, cabinets, enclosures, cable tray, etc.). Eliminating the step to remove nonconductive coatings is a huge time savings in addition to creating a cleaner work environment and most important, prevent improper coating removal techniques that can lead to poor connections.

### **Features and Benefits:**

- Made from corrosion resistant 304 stainless steel for outstanding durability and performance
- · Eliminates the need for surface preparation and oxide inhibitor
- Detailed manual specifying proper hardware, torque, and mounting information is available upon request
- UL 467 Recognized for grounding and bonding equipment
- Custom grounding and bonding solutions available upon request





Two Hole Telecom WEEB® Washer						Stainless Steel Hardware Kits (TMH-SS) - Sold Separately*									
	Compatible	Conductor		Hex	x Head Bolt Stu			Bolt			Flat	Split	Hex	Working	Installation
Catalog #	TWO-hole	Wire	Wire	Size	Torque	Hole	Catalog #	Size	Length	Qty	Washer	Washer	Nut	Range	Torque
	HYLUG™ Family	Type Rang	Range	0120	(in-lbs)	Spacing		0120	Lengui	QUY	Washei	11031101	nut	Range	(in-lbs)
	YA-2TC14	Code	#14-2 AWG	1/4	100	5/8"	TMH262SS		0.75	5	4	2	2	0.09-	100
	YA-L-2TC14								0.75					0.34	
	YAZ-2TC14						TMH263SS		1.00					0.34-	
	YAZV-2TC14						1111120333		1.00					0.59	
WEEB-2TC14	YGA-2TC14							лн264SS лн265SS	1.25					0.59-	
	YA-L-2TC14-FX	Flex	#8-2 AWG				TMH264SS							0.59-	
	YAV-L-2TC14-FX													0.04	-
	YAZ-2TC14-FX						TMUSECO		1.50					0.84-	
	YAZV-2TC14-FX								1.50					1.09	
	YA-2TC38	Code	#14-2 AWG	3/8	240	1"	TMH267SS		1.00	2				0.19-	240
WEEB-2TC38	YA-L-2TC38						11111120133		1.00					0.44	
	YAZ-2TC38								4.05					0.44-	
	YAZV-2TC38						TMH268SS		1.25					0.69	
	YGA-2TC38						TMU20000 2/9		1.50	-				0.69-	
	YA-L-2TC38-FX		#8-2 AWG				TMH269SS	3/8-16"	1.50					0.94	
	YAV-L-2TC38-FX							_	1 75					0.94-	
	YAZ-2TC38-FX	Flex					TMH270SS		1.75					1.19	
							TMH271SS		2.00					1.19-	
	YAZV-2TC38-FX						1111112/155		2.00					1.44	

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## Telecom WEEB<sup>®</sup> Washer; Single Hole Washer Electrical Equipment Bond

The WILEY Telecom WEEB<sup>®</sup> (Washer, Electrical Equipment Bond) Washer is a powder coat and paint penetrating contact enhancing washer used between connectors and equipment frames, cabinets and other painted metallic surfaces to be bonded.

The WEEB® Washer teeth eliminate the need to remove non-conductive coatings (e.g. paint and powder coat) when making a bonding connection. The WEEB® teeth pierce through most non-conductive coatings and embed into the underlying metal thus creating a bonding connection between the lug and the coated metal component that it is installed on (e.g. equipment racks, cabinets, enclosures, cable tray, etc.). Not having to remove non-conductive coatings will save on installation time, create a cleaner work environment, and most importantly, prevent improper coating removal techniques that can lead to poor connections. WEEB® Washers also help eliminate unwanted rotation of the lug keeping your connections secure and properly bonded.

#### **Features and Benefits:**

- For bonding lug to underlying coated metal surfaces in various applications (e.g. equipment racks, cabinets, servers, enclosures, cable trays, etc.
- For use with 1-Hole HYLUG™ or equivalent connectors
- Wire Range: #14 to #6 AWG
- · Coating Types: Paint, Powder Coating and similar



- Coating Thickness: Maximum 5 Mils
- WEEB-TC14: 1/4" Stud
- WEEB-TC38: 3/8" Stud
- Refer to detailed manual specifying proper hardware, torque, mounting information, and applicable lugs

		Cor	nductor	Hex H	ead Bolt	Installation Tooling	
WEEB <sup>®</sup> Washer	Compatible 1-Hole HYLUG™ Family	Wire Type	Wire Range	Size	Torque (in-lbs)		
	YA-TC14	Code	#14-#6 AWG		100		
	YA-L-TC14	Code	#14-#6 AWG			BTW30150	
	YAZ-TC14	Code	#14-#6 AWG				
	YAZV-TC14	Code	#14-#6 AWG				
WEEB-TC14	YGA-TC14	Code	#8-#6 AWG	1/4"			
	YA-L-TC14-FX	Flex	#8-#6 AWG				
	YAV-L-TC14-FX	Flex	#8-#6 AWG				
	YAZ-TC14-FX	Flex	#8-#6 AWG				
	YAZV-TC14-FX	Flex	#8-#6 AWG				
	YA-TC38	Code	#14-#6 AWG				
	YA-L-TC38	Code	#14-#6 AWG		240	BTW150750	
	YAZ-TC38	Code	#14-#6 AWG				
	YAZV-TC38	Code	#14-#6 AWG				
WEEB-TC38	YGA-TC38	Code	#8-#6 AWG	3/8"			
	YA-L-TC38-FX	Flex	#8-#6 AWG				
	YAV-L-TC38-FX	Flex	#8-#6 AWG				
	YAZ-TC38-FX	Flex	#8-#6 AWG				
	YAZV-TC38-FX	Flex	#8-#6 AWG				

