

TD-00277

<p><b>FLANSCHEN FÜR SPEZIAL-HOHLLEITER</b></p>	<p><b>FLANGES FOR SPECIAL WAVEGUIDES</b></p>
<p><b>1. Einleitung</b></p>	<p><b>1. Introduction</b></p>
<p><b>1.1 Inhalt</b></p> <p>Dieses Dokument befasst sich mit Flanschen für Doppelsteghohlleiter, Rechteckhohlleiter mit reduzierter Höhe, Doppel-Rechteckhohlleiter mit Normalprofil und Rundhohlleiter. Dieses Dokument soll einen schnellen Überblick über die verschiedenen Flanschformen und deren Hauptabmessungen geben. Außerdem erleichtert es die Bestimmung der Flanschbezeichnung, die entweder einer Norm entspricht oder zumindest weit verbreitet ist.</p>	<p><b>1.1 Contents</b></p> <p>This document deals with flanges for double ridged waveguides, rectangular waveguides with reduced height, double rectangular waveguides with ordinary cross section and circular waveguides. The purpose of this document is to provide a quick overview of the different flange shapes and their main dimensions. Furthermore, it makes it easy to determine the flange designation that either conforms to a standard or is at least widely used.</p>
<p><b>1.2 Anmerkungen</b></p> <p>Trotz großer Sorgfalt bei der Zusammenstellung der Flanschdaten können sich noch einzelne Fehler in die Tabellen eingeschlichen haben. Für konstruktive Arbeiten muss daher trotzdem die jeweilige Norm konsultiert werden.</p> <p><b>Dieses Dokument ist kein Produktkatalog. Es kann nicht zur Bestellung von Rohflanschen verwendet werden.</b></p>	<p><b>1.2 Remarks</b></p> <p>Great care has been bestowed to compile the flange data, nevertheless there might be a few mistakes. For design work, it is thus necessary to check the corresponding standard.</p> <p><b>This document is not a product catalogue. It cannot be used to order raw flanges.</b></p>

TD-00277

<b>2. Legende zum Tabellenteil</b>	<b>2. Explanation for the Tables</b>
2.1 Hohlleiterbezeichnungen	2.1 Waveguide designations

<b>WD 69-17</b> EIA designation	<b>IEC designation</b>	<b>WRD 750D24</b> MIL designation
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2.2 Flansch-Beschreibungsfelder	2.2 Flange description fields
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Normenstatus Ursprung	canceled w/o replacement USA	Status of the standard Origin																		
<b>Flanschausführung</b> plain = Planflansch ohne Dichtnut sealing groove = Planflansch mit Dichtnut choke/sealing groove = Drosselflansch mit Dichtnut	<b>sealing groove</b>	<b>Flange style</b> plain = plain flange without sealing groove sealing groove = plain flange with sealing groove choke/sealing groove = choke flange with sealing groove																		
<b>Norm / Herkunft</b> Normen wurden inklusive Ausgabestand angegeben.	<b>MIL-F-39000/3C</b>	<b>Standard / Origin</b> Standards are listed together with their issue status.																		
<b>Flanschbezeichnung</b> Entweder die Bezeichnung einer spezifischen Flanschgeometrie (wie bei EIA- und IEC-Normen) oder die Teilenummer eines spezifischen Flansches aus einem bestimmten Material (wie bei MIL- und DEF-Normen) oder eine herstellerspezifische Bezeichnung	<b>M39000/3-056</b>	<b>Flange designation</b> Either the designation of a specific flange geometry (as in EIA and IEC standards) or the part number of a specific flange out of a defined material (as in MIL and DEF standards) or a manufacturer-specific designation																		
<b>Vereinfachte 3D-Skizze mit Hauptabmessungen der Flanschvorderseite</b>		<b>Simplified 3D sketch indicating basic dimensions of the flange front</b>																		
<ul style="list-style-type: none"> <li>- Alle Maße sind Nennmaße. Sie liegen nicht zwingend in Toleranzmitte.</li> <li>- Maßtoleranzen sind nicht angegeben.</li> <li>- Maße mit Dezimal komma sind in Millimetern.</li> <li>- Maße mit Dezimalpunkt sind in Inch.</li> <li>- Bei der Umrechnung von Inch in Millimeter wird in den Normen nicht einheitlich gerundet.</li> <li>- Maß C ist die "Flanschdicke", die zur Bestimmung der Schraubenlänge erforderlich ist.</li> </ul>	<table border="1"> <tr><td>A</td><td>50,08 (2.000)</td></tr> <tr><td>B</td><td>69,85 (2.750)</td></tr> <tr><td>E</td><td>19,05 (0.750)</td></tr> <tr><td>F</td><td>11,13 (0.438)</td></tr> <tr><td>G</td><td>12,50 (0.500)</td></tr> <tr><td>H</td><td>28,58 (1.125)</td></tr> <tr><td>Hole I</td><td>0.138-23 UNC-2B</td></tr> <tr><td>Pin J</td><td>0.138-23 UNC-2B</td></tr> <tr><td>C</td><td>6,35 (0.250)</td></tr> </table>	A	50,08 (2.000)	B	69,85 (2.750)	E	19,05 (0.750)	F	11,13 (0.438)	G	12,50 (0.500)	H	28,58 (1.125)	Hole I	0.138-23 UNC-2B	Pin J	0.138-23 UNC-2B	C	6,35 (0.250)	<ul style="list-style-type: none"> <li>- All dimensions are of nominal nature. They are not necessarily in the center of their tolerance band.</li> <li>- Dimensional tolerances are not given.</li> <li>- Dimensions with decimal comma are in millimeters.</li> <li>- Dimensions with decimal point are in inches.</li> <li>- For conversion from inches to millimeters the standards do not make use of a uniform rounding.</li> <li>- Dimension C is the "flange thickness" required to determine the bolt length.</li> </ul>
A	50,08 (2.000)																			
B	69,85 (2.750)																			
E	19,05 (0.750)																			
F	11,13 (0.438)																			
G	12,50 (0.500)																			
H	28,58 (1.125)																			
Hole I	0.138-23 UNC-2B																			
Pin J	0.138-23 UNC-2B																			
C	6,35 (0.250)																			
<b>Material</b> Angabe nur, falls ein Material explizit spezifiziert ist.	<b>Material</b> Al alloy	<b>Material</b> Given only if a material is explicitly specified.																		
<b>Nummer der SPINNER Fassung-Zeichnungen</b>	<b>F...</b>	<b>Number of SPINNER detail drawings</b>																		
<b>Alternative Flanschbezeichnung (falls vorh.), z.B. UG-Nummer oder NATO Stock Number NSN</b>	<b>UG-...B/U</b>	<b>Alternative flange designation (if available), e.g. UG-Number or NATO Stock Number NSN</b>																		

<b>Hinweis:</b> Informationen in grauer Schriftfarbe wurden noch nicht anhand einer Norm überprüft. Sie sollten daher mit Vorsicht behandelt werden.	<b>Note:</b> Information in grey font color has not yet been checked against a standard. It should therefore be treated with caution.
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TD-00277

<p><b>3. Literaturverzeichnis</b></p> <p>MIL-F-39000/3C, "FLANGES, WAVEGUIDE, DOUBLE RIDGE, SOCKET MOUNT (BANDWIDTH RATIO 2.4:1)", <i>Detail Specification of the Department of Defense of the United States of America</i>, January 2009.</p> <p>MIL-DTL-3922/75D, "FLANGES, WAVEGUIDE, REDUCED HEIGHT", <i>Detail Specification of the Department of Defense of the United States of America</i>, July 2013.</p> <p>MIL-F-39000/4B, "FLANGES, WAVEGUIDE, DOUBLE RIDGE, SOCKET MOUNT (BANDWIDTH RATIO 3.6:1)", <i>Detail Specification of the Department of Defense of the United States of America</i>, October 1966.</p> <p>EIA-285-A, "Waveguide Flanges- Dual Contact Pressurizeable and Miniature Type for Waveguide", <i>Standard of the Electronic Components Industry Association of the United States of America</i>, February 2019.</p> <p>EIA-200-B, "Circular Waveguides and Flanges", <i>Standard of the Electronic Components Industry Association of the United States of America</i>, April 2018.</p> <p>IEC 60154-3:1982, "Flanges for waveguides – Part 3: Relevant specifications for flanges for flat rectangular waveguides", <i>Standard of the International Electrotechnical Commission</i>, January 1982.</p> <p>IEC 60154-4:2017, "Flanges for waveguides – Part 4: Relevant specifications for flanges for circular waveguides", <i>Standard of the International Electrotechnical Commission</i>, March 2017.</p> <p>A-INFO INC. (ainfoinc), Homepage. Accessed: March 2023. [Online]. Available: <a href="http://ainfoinc.com">http://ainfoinc.com</a></p> <p>Microwave Engineering Corporation (m.e.c.). Accessed: March 2023. [Online]. Available: <a href="http://microwaveeng.com/product/double-ridge-waveguide-flanges/">http://microwaveeng.com/product/double-ridge-waveguide-flanges/</a></p>	<p><b>3. Reference List</b></p>
<p><b>4. Dokumenten-Versionsverwaltung</b></p>	<p><b>4. Document Revision Control</b></p>

Issue	Date	Description
A	2023-12-08	Start of the document.
B	2024-04-29	RESTRICTED → PUBLIC

TD-00277

Double ridge waveguide flange

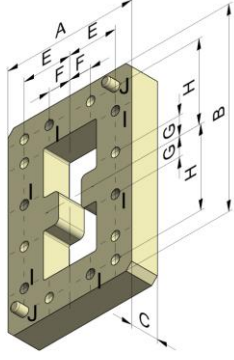
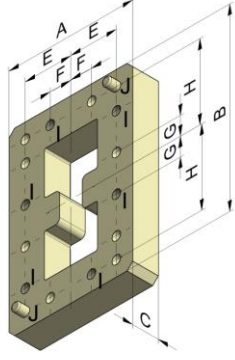
<b>WD 2970-742</b> no citable flanges found so far	<b>WRD 175U24</b>
<b>WD 1940-486</b> no citable flanges found so far	<b>WRD 267U24</b>
<b>WD 1230-308</b> no citable flanges found so far	<b>WRD 420U24</b>
<b>WD 810-203</b> no citable flanges found so far	<b>WRD 640U24</b>
<b>WD 617-154</b>	<b>WRD 840U24</b>

<b>USA</b> <b>plain</b> <b>MIL-F-39000/3C</b> <b>M39000/3-001</b>	<b>USA</b> <b>plain</b> <b>MIL-F-39000/3C</b> <b>M39000/3-002</b>	<b>plain</b> <b>ainfoinc</b> <b>FP WRD 840D24</b>	
A 127,00 (5.000)	A 127,00 (5.000)	A 135,70 (5.343)	
B 211,12 (8.312)	B 211,12 (8.312)	B 219,70 (8.650)	
E 51,56 (2.030)	E 51,56 (2.030)	E 55,75 (2.195)	
F 26,16 (1.030)	F 26,16 (1.030)	F 25,82 (1.017)	
G 74,47 (2.932)	G 74,47 (2.932)	G 59,63 (2.347)	
H 93,52 (3.682)	H 93,52 (3.682)	H 97,45 (3.837)	
Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B	Hole I Ø8,00 (Ø0.315)	
Pin J Ø6,27 (Ø0.247)	Pin J Ø6,27 (Ø0.247)	Pin J	
C 25,40 (1.000)	C 25,40 (1.000)	C 12,00 (0.472)	
Material Al alloy	Material Cu alloy	Material	
<b>UG-1565/U</b>	<b>UG-1566/U</b>		

TD-00277

**WD 346-86**

**WRD 150D24**

<b>USA</b>	<b>USA</b>		
<b>plain</b>	<b>plain</b>		
<b>MIL-F-39000/3C</b>	<b>MIL-F-39000/3C</b>		
<b>M39000/3-004</b>	<b>M39000/3-005</b>		
			
<b>A</b> 95,25 (3.750)	<b>A</b> 95,25 (3.750)		
<b>B</b> 138,13 (5.438)	<b>B</b> 138,13 (5.438)		
<b>E</b> 35,03 (1.379)	<b>E</b> 35,03 (1.379)		
<b>F</b> 15,98 (0.629)	<b>F</b> 15,98 (0.629)		
<b>G</b> 41,61 (1.638)	<b>G</b> 41,61 (1.638)		
<b>H</b> 57,48 (2.263)	<b>H</b> 57,48 (2.263)		
<b>Hole I</b> 0.250-20 UNC-2B	<b>Hole I</b> 0.250-20 UNC-2B		
<b>Pin J</b> Ø6,27 (Ø0.247)	<b>Pin J</b> Ø6,27 (Ø0.247)		
<b>C</b> 19,05 (0.750)	<b>C</b> 19,05 (0.750)		
<b>Material</b> Al alloy	<b>Material</b> Cu alloy		
<b>UG-1568/U</b>	<b>UG-1569/U</b>		

TD-00277

**WD 259-65**

**WRD 200D24**

USA plain MIL-F-39000/3C M39000/3-007	USA plain MIL-F-39000/3C M39000/3-008	USA plain MIL-F-39000/3C M39000/3-024	USA plain MIL-F-39000/3C M39000/3-025
A 54,76 (2.156)	A 54,76 (2.156)	A 54,86 (2.160)	A 54,86 (2.160)
B 90,09 (3.547)	B 90,09 (3.547)	B 90,17 (3.550)	B 90,17 (3.550)
E 22,28 (0.877)	E 22,28 (0.877)	E 22,28 (0.877)	E 22,28 (0.877)
F 10,85 (0.427)	F 10,85 (0.427)	F 10,85 (0.427)	F 10,85 (0.427)
G 20,85 (0.821)	G 20,85 (0.821)	G 20,85 (0.821)	G 20,85 (0.821)
H 39,90 (1.571)	H 39,90 (1.571)	H 39,90 (1.571)	H 39,90 (1.571)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Pin J Ø2,98 (Ø0.1218)	Pin J Ø2,98 (Ø0.1218)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)
C 19,05 (0.750)	C 19,05 (0.750)	C 9,52 (0.375)	C 9,52 (0.375)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy
UG-1571/U	UG-1572/U		

USA plain MIL-F-39000/3C M39000/3-026	USA plain MIL-F-39000/3C M39000/3-027	USA plain MIL-F-39000/3C M39000/3-028	USA plain MIL-F-39000/3C M39000/3-029
A 54,86 (2.160)	A 54,86 (2.160)	A 54,86 (2.160)	A 54,86 (2.160)
B 90,17 (3.550)	B 90,17 (3.550)	B 90,17 (3.550)	B 90,17 (3.550)
E 22,28 (0.877)	E 22,28 (0.877)	E 22,28 (0.877)	E 22,28 (0.877)
F 10,85 (0.427)	F 10,85 (0.427)	F 10,85 (0.427)	F 10,85 (0.427)
G 20,85 (0.821)	G 20,85 (0.821)	G 20,85 (0.821)	G 20,85 (0.821)
H 39,90 (1.571)	H 39,90 (1.571)	H 39,90 (1.571)	H 39,90 (1.571)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I Ø3,68 (Ø0.145)	Hole I Ø3,68 (Ø0.145)
Hole J 0.138-23 UNC-2B	Hole J 0.138-23 UNC-2B	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)
C 9,52 (0.375)	C 9,52 (0.375)	C 9,52 (0.375)	C 9,52 (0.375)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

TD-00277

**WD 259-65**

**WRD 200D24**

USA sealing groove MIL-F-39000/3C M39000/3-048	USA sealing groove MIL-F-39000/3C M39000/3-049	USA sealing groove MIL-F-39000/3C M39000/3-050	USA sealing groove MIL-F-39000/3C M39000/3-051
A 54,86 (2.160)	A 54,86 (2.160)	A 54,86 (2.160)	A 54,86 (2.160)
B 90,17 (3.550)	B 90,17 (3.550)	B 90,17 (3.550)	B 90,17 (3.550)
E 22,28 (0.877)	E 22,28 (0.877)	E 22,28 (0.877)	E 22,28 (0.877)
F 10,85 (0.427)	F 10,85 (0.427)	F 10,85 (0.427)	F 10,85 (0.427)
G 20,85 (0.821)	G 20,85 (0.821)	G 20,85 (0.821)	G 20,85 (0.821)
H 39,90 (1.571)	H 39,90 (1.571)	H 39,90 (1.571)	H 39,90 (1.571)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J 0.138-23 UNC-2B	Hole J 0.138-23 UNC-2B
C 9,52 (0.375)	C 9,52 (0.375)	C 9,52 (0.375)	C 9,52 (0.375)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

USA sealing groove MIL-F-39000/3C M39000/3-052	USA sealing groove MIL-F-39000/3C M39000/3-053	plain ainfoinc FP WRD 200D24	
A 54,86 (2.160)	A 54,86 (2.160)	A 54,90 (2.161)	
B 90,17 (3.550)	B 90,17 (3.550)	B 90,20 (3.551)	
E 22,28 (0.877)	E 22,28 (0.877)	E 22,33 (0.879)	
F 10,85 (0.427)	F 10,85 (0.427)	F 10,85 (0.427)	
G 20,85 (0.821)	G 20,85 (0.821)	G 20,85 (0.821)	
H 39,90 (1.571)	H 39,90 (1.571)	H 39,90 (1.571)	
Hole I Ø3,68 (Ø0.145)	Hole I Ø3,68 (Ø0.145)	Hole I 0.138-23 UNC-2B	
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	
C 9,52 (0.375)	C 9,52 (0.375)	C 9,4 (0.370)	
Material Al alloy	Material Cu alloy	Material	

TD-00277

<b>WD 148-37</b>	<b>WRD 350D24</b>
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USA plain MIL-F-39000/3C M39000/3-010	USA plain MIL-F-39000/3C M39000/3-011	USA plain MIL-F-39000/3C M39000/3-030	USA plain MIL-F-39000/3C M39000/3-031
A 40,49 (1.594)	A 40,49 (1.594)	A 50,80 (2.000)	A 50,80 (2.000)
B 60,73 (2.391)	B 60,73 (2.391)	B 69,85 (2.750)	B 69,85 (2.750)
E 15,32 (0.603)	E 15,32 (0.603)	E 19,05 (0.750)	E 19,05 (0.750)
F 8,97 (0.353)	F 8,97 (0.353)	F 11,13 (0.438)	F 11,13 (0.438)
G 11,10 (0.437)	G 11,10 (0.437)	G 12,50 (0.500)	G 12,50 (0.500)
H 25,40 (1.000)	H 25,40 (1.000)	H 28,58 (1.125)	H 28,58 (1.125)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Pin J Ø2,98 (Ø0.1218)	Pin J Ø2,98 (Ø0.1218)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)
C 12,70 (0.500)	C 12,70 (0.500)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy
UG-1574/U	UG-1575/U		

USA plain MIL-F-39000/3C M39000/3-032	USA plain MIL-F-39000/3C M39000/3-033	USA plain MIL-F-39000/3C M39000/3-034	USA plain MIL-F-39000/3C M39000/3-035
A 50,80 (2.000)	A 50,80 (2.000)	A 50,80 (2.000)	A 50,80 (2.000)
B 69,85 (2.750)	B 69,85 (2.750)	B 69,85 (2.750)	B 69,85 (2.750)
E 19,05 (0.750)	E 19,05 (0.750)	E 19,05 (0.750)	E 19,05 (0.750)
F 11,13 (0.438)	F 11,13 (0.438)	F 11,13 (0.438)	F 11,13 (0.438)
G 12,50 (0.500)	G 12,50 (0.500)	G 12,50 (0.500)	G 12,50 (0.500)
H 28,58 (1.125)	H 28,58 (1.125)	H 28,58 (1.125)	H 28,58 (1.125)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I Ø3,68 (Ø0.145)	Hole I Ø3,68 (Ø0.145)
Hole J 0.138-23 UNC-2B	Hole J 0.138-23 UNC-2B	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy



TD-00277

**WD 148-37**

**WRD 350D24**

USA sealing groove MIL-F-39000/3C M39000/3-054	USA sealing groove MIL-F-39000/3C M39000/3-055	USA sealing groove MIL-F-39000/3C M39000/3-056	USA sealing groove MIL-F-39000/3C M39000/3-057
A 50,80 (2.000)	A 50,80 (2.000)	A 50,80 (2.000)	A 50,80 (2.000)
B 69,85 (2.750)	B 69,85 (2.750)	B 69,85 (2.750)	B 69,85 (2.750)
E 19,05 (0.750)	E 19,05 (0.750)	E 19,05 (0.750)	E 19,05 (0.750)
F 11,13 (0.438)	F 11,13 (0.438)	F 11,13 (0.438)	F 11,13 (0.438)
G 12,50 (0.500)	G 12,50 (0.500)	G 12,50 (0.500)	G 12,50 (0.500)
H 28,58 (1.125)	H 28,58 (1.125)	H 28,58 (1.125)	H 28,58 (1.125)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J 0.138-23 UNC-2B	Hole J 0.138-23 UNC-2B
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

USA sealing groove MIL-F-39000/3C M39000/3-058	USA sealing groove MIL-F-39000/3C M39000/3-059	plain ainfoinc FP WRD 350D24	
A 50,80 (2.000)	A 50,80 (2.000)	A 50,8 (2.000)	
B 69,85 (2.750)	B 69,85 (2.750)	B 69,9 (2.751)	
E 19,05 (0.750)	E 19,05 (0.750)	E 19,05 (0.750)	
F 11,13 (0.438)	F 11,13 (0.438)	F 11,13 (0.438)	
G 12,50 (0.500)	G 12,50 (0.500)	G 12,70 (0.500)	
H 28,58 (1.125)	H 28,58 (1.125)	H 28,58 (1.125)	
Hole I Ø3,68 (Ø0.145)	Hole I Ø3,68 (Ø0.145)	Hole I 0.138-23 UNC-2B	
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,5 (Ø0.138)	
C 6,35 (0.250)	C 6,35 (0.250)	C 6,4 (0.252)	
Material Al alloy	Material Cu alloy	Material	

TD-00277

<b>WD 109-27</b>	<b>WRD 475D24</b>
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USA plain MIL-F-39000/3C M39000/3-013	USA plain MIL-F-39000/3C M39000/3-014	USA plain MIL-F-39000/3C M39000/3-036	USA plain MIL-F-39000/3C M39000/3-037
A 35,33 (1.391)	A 35,33 (1.391)	A 35,33 (1.391)	A 35,33 (1.391)
B 50,01 (1.969)	B 50,01 (1.969)	B 50,01 (1.969)	B 50,01 (1.969)
E 12,70 (0.500)	E 12,70 (0.500)	E 13,84 (0.545)	E 13,84 (0.545)
F 6,68 (0.263)	F 6,68 (0.263)	F 6,68 (0.263)	F 6,68 (0.263)
G 9,52 (0.375)	G 9,52 (0.375)	G 7,92 (0.312)	G 7,92 (0.312)
H 20,07 (0.790)	H 20,07 (0.790)	H 21,26 (0.837)	H 21,26 (0.837)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Pin J Ø2,98 (Ø0.1218)	Pin J Ø2,98 (Ø0.1218)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)
C 12,70 (0.500)	C 12,70 (0.500)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy
UG-1577/U	UG-1578/U		

USA plain MIL-F-39000/3C M39000/3-038	USA plain MIL-F-39000/3C M39000/3-039	USA plain MIL-F-39000/3C M39000/3-040	USA plain MIL-F-39000/3C M39000/3-041
A 35,33 (1.391)	A 35,33 (1.391)	A 35,33 (1.391)	A 35,33 (1.391)
B 50,01 (1.969)	B 50,01 (1.969)	B 50,01 (1.969)	B 50,01 (1.969)
E 13,84 (0.545)	E 13,84 (0.545)	E 13,84 (0.545)	E 13,84 (0.545)
F 6,68 (0.263)	F 6,68 (0.263)	F 6,68 (0.263)	F 6,68 (0.263)
G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)
H 21,26 (0.837)	H 21,26 (0.837)	H 21,26 (0.837)	H 21,26 (0.837)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I Ø3,68 (Ø0.145)	Hole I Ø3,68 (Ø0.145)
Hole J 0.138-23 UNC-2B	Hole J 0.138-23 UNC-2B	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

TD-00277

**WD 109-27**

**WRD 475D24**

USA sealing groove MIL-F-39000/3C M39000/3-060	USA sealing groove MIL-F-39000/3C M39000/3-061	USA sealing groove MIL-F-39000/3C M39000/3-062	USA sealing groove MIL-F-39000/3C M39000/3-063
A 35,33 (1.391)	A 35,33 (1.391)	A 35,33 (1.391)	A 35,33 (1.391)
B 50,01 (1.969)	B 50,01 (1.969)	B 50,01 (1.969)	B 50,01 (1.969)
E 13,84 (0.545)	E 13,84 (0.545)	E 13,84 (0.545)	E 13,84 (0.545)
F 6,68 (0.263)	F 6,68 (0.263)	F 6,68 (0.263)	F 6,68 (0.263)
G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)
H 21,26 (0.837)	H 21,26 (0.837)	H 21,26 (0.837)	H 21,26 (0.837)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J 0.138-23 UNC-2B	Hole J 0.138-23 UNC-2B
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

USA sealing groove MIL-F-39000/3C M39000/3-064	USA sealing groove MIL-F-39000/3C M39000/3-065	sealing groove m.e.c SLIM 475-S	plain ainfoinc FP WRD 475D24
A 35,33 (1.391)	A 35,33 (1.391)	A 35,33 (1.391)	A 35,30 (1.389)
B 50,01 (1.969)	B 50,01 (1.969)	B 38,10 (1.500)	B 50,00 (1.968)
E 13,84 (0.545)	E 13,84 (0.545)	E 13,84 (0.545)	E 13,84 (0.545)
F 6,68 (0.263)	F 6,68 (0.263)	F 6,68 (0.263)	F 6,68 (0.263)
G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)
H 21,26 (0.837)	H 21,26 (0.837)	H 7,94 (0.313)	H 21,26 (0.837)
Hole I Ø3,68 (Ø0.145)	Hole I Ø3,68 (Ø0.145)	Hole I Ø3,68 (Ø0.145)	Hole I 0.138-23 UNC-2B
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	J	Hole J Ø3,50 (Ø0.138)
C 6,35 (0.250)	C 6,35 (0.250)	C 6,22 (0.245)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material	Material

TD-00277

**WD 69-17**

**WRD 750D24**

USA plain MIL-F-39000/3C M39000/3-072	USA plain MIL-F-39000/3C M39000/3-073	USA plain MIL-F-39000/3C M39000/3-074	USA plain MIL-F-39000/3C M39000/3-075
A 34,92 (1.375)	A 34,92 (1.375)	A 34,92 (1.375)	A 34,92 (1.375)
B 34,92 (1.375)	B 34,92 (1.375)	B 34,92 (1.375)	B 34,92 (1.375)
E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)
F	F	F	F
G 5,49 (0.216)	G 5,49 (0.216)	G 5,49 (0.216)	G 5,49 (0.216)
H 13,46 (0.530)	H 13,46 (0.530)	H 13,46 (0.530)	H 13,46 (0.530)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J 0.138-23 UNC-2B	Hole J 0.138-23 UNC-2B
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

USA plain MIL-F-39000/3C M39000/3-076	USA plain MIL-F-39000/3C M39000/3-077	USA sealing groove MIL-F-39000/3C M39000/3-078	USA sealing groove MIL-F-39000/3C M39000/3-079
A 34,92 (1.375)	A 34,92 (1.375)	A 34,92 (1.375)	A 34,92 (1.375)
B 34,92 (1.375)	B 34,92 (1.375)	B 34,92 (1.375)	B 34,92 (1.375)
E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)
F	F	F	F
G 5,49 (0.216)	G 5,49 (0.216)	G 5,49 (0.216)	G 5,49 (0.216)
H 13,46 (0.530)	H 13,46 (0.530)	H 13,46 (0.530)	H 13,46 (0.530)
Hole I Ø3,68 (Ø0.145)	Hole I Ø3,68 (Ø0.145)	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

TD-00277

**WD 69-17**

**WRD 750D24**

plain	sealing groove	sealing groove	sealing groove
ainfoinc	m.e.c	m.e.c	m.e.c
FP WRD 750D24	SLIM 750-S	SLIM 750-S	SLIM 750-S
A 35,00 (1.378)	A 19,05 (0.750)	A 19,05 (0.750)	A 19,05 (0.750)
B 35,00 (1.378)	B 44,45 (1.750)	B 44,45 (1.750)	B 44,45 (1.750)
E 12,70 (0.500)	E 5,08 (0.200)	E 5,08 (0.200)	E 5,08 (0.200)
F	F	F	F
G 5,48 (0.216)	G	G	G
H 13,46 (0.530)	H 17,15 (0.675)	H 17,15 (0.675)	H 17,15 (0.675)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Hole J Ø3,5 (Ø0.138)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)
C 6,4 (0.252)	C 6,22 (0.245)	C 6,22 (0.245)	C 6,22 (0.245)
Material	Material	Material	Material

		USA	USA
sealing groove	sealing groove	plain	plain
m.e.c	m.e.c	MIL-F-39000/3C	MIL-F-39000/3C
QUICK DISCONNECT	QUICK DISCONNECT	M39000/3-016	M39000/3-017
F750-D	750-D		
A 47,75 (1.880)	A 47,75 (1.880)	A 34,92 (1.375)	A 34,92 (1.375)
B	B	B 34,92 (1.375)	B 34,92 (1.375)
E 15,24 (0.600)	E 15,24 (0.600)	E 12,70 (0.500)	E 12,70 (0.500)
F	F	F	F
G	G	G 5,49 (0.216)	G 5,49 (0.216)
H	H	H 13,46 (0.530)	H 13,46 (0.530)
Hole I Ø3,23 (Ø0.127)	Hole I Ø3,23 (Ø0.127)	Hole I Ø2,95 (Ø0.116)	Hole I Ø2,95 (Ø0.116)
Hole J	Hole J	Pin J Ø2,39 (Ø0.094)	Pin J Ø2,39 (Ø0.094)
C 3,38 (0.133)	C 3,38 (0.133)	C 4,78 (0.188)	C 4,78 (0.188)
Material	Material	Material Al alloy	Material Cu alloy





TD-00277

<b>WD 29-7</b>	<b>WRD 180C24</b>
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USA plain MIL-F-39000/3C M39000/3-084	USA plain MIL-F-39000/3C M39000/3-085	USA plain MIL-F-39000/3C M39000/3-086	USA plain MIL-F-39000/3C M39000/3-087
A 22,22 (0.875)	A 22,22 (0.875)	A 22,22 (0.875)	A 22,22 (0.875)
B 22,22 (0.875)	B 22,22 (0.875)	B 22,22 (0.875)	B 22,22 (0.875)
E 7,11 (0.280)	E 7,11 (0.280)	E 7,11 (0.280)	E 7,11 (0.280)
F	F	F	F
G 2,82 (0.111)	G 2,82 (0.111)	G 2,82 (0.111)	G 2,82 (0.111)
H 7,92 (0.312)	H 7,92 (0.312)	H 7,92 (0.312)	H 7,92 (0.312)
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø2,95 (Ø0.116)	Hole J Ø2,95 (Ø0.116)	Hole J 0.112-40 UNC-2B	Hole J 0.112-40 UNC-2B
C 4,78 (0.188)	C 4,78 (0.188)	C 4,78 (0.188)	C 4,78 (0.188)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

USA plain MIL-F-39000/3C M39000/3-088	USA plain MIL-F-39000/3C M39000/3-089	USA plain MIL-F-39000/3C M39000/3-022	USA plain MIL-F-39000/3C M39000/3-023
A 22,22 (0.875)	A 22,22 (0.875)	A 22,22 (0.875)	A 22,22 (0.875)
B 22,22 (0.875)	B 22,22 (0.875)	B 22,22 (0.875)	B 22,22 (0.875)
E 7,11 (0.280)	E 7,11 (0.280)	E 7,11 (0.280)	E 7,11 (0.280)
F	F	F	F
G 2,82 (0.111)	G 2,82 (0.111)	G 2,82 (0.111)	G 2,82 (0.111)
H 7,92 (0.312)	H 7,92 (0.312)	H 7,92 (0.312)	H 7,92 (0.312)
Hole I Ø2,95 (Ø0.116)	Hole I Ø2,95 (Ø0.116)	Hole I Ø2,95 (Ø0.116)	Hole I Ø2,95 (Ø0.116)
Hole J Ø2,95 (Ø0.116)	Hole J Ø2,95 (Ø0.116)	Pin J Ø2,39 (Ø0.094)	Pin J Ø2,39 (Ø0.094)
C 4,78 (0.188)	C 4,78 (0.188)	C 4,78 (0.188)	C 4,78 (0.188)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy



TD-00277

**DR 19\*\***

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The MIL specification [16] does not list a type designation for this waveguide. Commonly the designation DR 19 is in use.

USA plain MIL-F-39000/3C M39000/3-042	USA plain MIL-F-39000/3C M39000/3-043	USA plain MIL-F-39000/3C M39000/3-044	USA plain MIL-F-39000/3C M39000/3-045
A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)
B 53,98 (2.125)	B 53,98 (2.125)	B 53,98 (2.125)	B 53,98 (2.125)
E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)
F 7,92 (0.312)	F 7,92 (0.312)	F 7,92 (0.312)	F 7,92 (0.312)
G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)
H 20,65 (0.813)	H 20,65 (0.813)	H 20,65 (0.813)	H 20,65 (0.813)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J 0.138-23 UNC-2B	Hole J 0.138-23 UNC-2B
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

USA plain MIL-F-39000/3C M39000/3-046	USA plain MIL-F-39000/3C M39000/3-047	USA sealing groove MIL-F-39000/3C M39000/3-066	USA sealing groove MIL-F-39000/3C M39000/3-067
A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)
B 53,98 (2.125)	B 53,98 (2.125)	B 53,98 (2.125)	B 53,98 (2.125)
E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)
F 7,92 (0.312)	F 7,92 (0.312)	F 7,92 (0.312)	F 7,92 (0.312)
G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)
H 20,65 (0.813)	H 20,65 (0.813)	H 20,65 (0.813)	H 20,65 (0.813)
Hole I Ø3,68 (Ø0.145)	Hole I Ø3,68 (Ø0.145)	Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

TD-00277

**DR 19\*\***

**\*\***

The MIL specification [16] does not list a type designation for this waveguide. Commonly the designation DR 19 is in use.

USA sealing groove MIL-F-39000/3C M39000/3-068	USA sealing groove MIL-F-39000/3C M39000/3-069	USA sealing groove MIL-F-39000/3C M39000/3-070	USA sealing groove MIL-F-39000/3C M39000/3-071
A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)
B 53,98 (2.125)	B 53,98 (2.125)	B 53,98 (2.125)	B 53,98 (2.125)
E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)
F 7,92 (0.312)	F 7,92 (0.312)	F 7,92 (0.312)	F 7,92 (0.312)
G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)	G 7,92 (0.312)
H 20,65 (0.813)	H 20,65 (0.813)	H 20,65 (0.813)	H 20,65 (0.813)
Hole I 0.138-23 UNC-2B	Hole I 0.138-23 UNC-2B	Hole I Ø3,68 (Ø0.145)	Hole I Ø3,68 (Ø0.145)
Hole J 0.138-23 UNC-2B	Hole J 0.138-23 UNC-2B	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy

sealing groove m.e.c SLIM DR19-S			
A 35,33 (1.391)			
B 38,10 (1.500)			
E 13,84 (0.545)			
F			
G			
H 7,94 (0.313)			
Hole I Ø3,68 (Ø0.145)			
J			
C 6,22 (0.245)			
Material			

TD-00277

<b>WD 3460-866</b>	<b>WRD 108U36</b>
no citable flanges found so far	

<b>WD 1390-348</b>	<b>WRD 270U36</b>
no citable flanges found so far	

<b>WD 963-241</b>	<b>WRD 390U36</b>
no citable flanges found so far	

<b>WD 388-97</b>	<b>WRD 970U36</b>
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USA plain MIL-F-39000/4B M39000/4-001	USA plain MIL-F-39000/4B M39000/4-002	USA sealing groove MIL-F-39000/4B M39000/4-016	USA sealing groove MIL-F-39000/4B M39000/4-017
A 64,82 (2.552)	A 64,82 (2.552)	A 64,82 (2.552)	A 64,82 (2.552)
B 134,14 (5.281)	B 134,14 (5.281)	B 134,14 (5.281)	B 134,14 (5.281)
E 23,50 (0.925)	E 23,50 (0.925)	E 23,50 (0.925)	E 23,50 (0.925)
F 3,18 (0.125)	F 3,18 (0.125)	F 3,18 (0.125)	F 3,18 (0.125)
G 18,06 (0.711)	G 18,06 (0.711)	G 18,06 (0.711)	G 18,06 (0.711)
H 54,36 (2.140)	H 54,36 (2.140)	H 54,36 (2.140)	H 54,36 (2.140)
Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B
Pin J Ø3,09 (Ø0.122)	Pin J Ø3,09 (Ø0.122)	Pin J Ø3,09 (Ø0.122)	Pin J Ø3,09 (Ø0.122)
C 12,75 (0.500)	C 12,75 (0.500)	C 12,75 (0.500)	C 12,75 (0.500)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy
<b>UG-1589/U</b>	<b>UG-1590/U</b>		

TD-00277

**WD 269-67** **WRD 140D36**

USA plain MIL-F-39000/4B M39000/4-004	USA plain MIL-F-39000/4B M39000/4-005	USA sealing groove MIL-F-39000/4B M39000/4-018	USA sealing groove MIL-F-39000/4B M39000/4-019
A 54,76 (2.156)	A 54,76 (2.156)	A 54,76 (2.156)	A 54,76 (2.156)
B 93,65 (3.687)	B 93,65 (3.687)	B 93,65 (3.687)	B 93,65 (3.687)
E 21,03 (0.828)	E 21,03 (0.828)	E 21,03 (0.828)	E 21,03 (0.828)
F 14,66 (0.577)	F 14,66 (0.577)	F 14,66 (0.577)	F 14,66 (0.577)
G 21,03 (0.628)	G 21,03 (0.628)	G 21,03 (0.628)	G 21,03 (0.628)
H 42,06 (1.635)	H 42,06 (1.635)	H 42,06 (1.635)	H 42,06 (1.635)
Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B
Pin J Ø3,09 (Ø0.122)	Pin J Ø3,09 (Ø0.122)	Pin J Ø3,09 (Ø0.122)	Pin J Ø3,09 (Ø0.122)
C 11,13 (0.438)	C 11,13 (0.438)	C 11,13 (0.438)	C 11,13 (0.438)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy
UG-1592/U	UG-1593/U		

**WD 107-27** **WRD 350D36**

USA plain MIL-F-39000/4B M39000/4-007	USA plain MIL-F-39000/4B M39000/4-008	USA sealing groove MIL-F-39000/4B M39000/4-020	USA sealing groove MIL-F-39000/4B M39000/4-021
A 33,32 (1.312)	A 33,32 (1.312)	A 33,32 (1.312)	A 33,32 (1.312)
B 49,23 (1.938)	B 49,23 (1.938)	B 49,23 (1.938)	B 49,23 (1.938)
E 11,91 (0.469)	E 11,91 (0.469)	E 11,91 (0.469)	E 11,91 (0.469)
F 2,72 (0.107)	F 2,72 (0.107)	F 2,72 (0.107)	F 2,72 (0.107)
G 11,51 (0.457)	G 11,51 (0.457)	G 11,51 (0.457)	G 11,51 (0.457)
H 21,13 (0.832)	H 21,13 (0.832)	H 21,13 (0.832)	H 21,13 (0.832)
Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B
Pin J Ø3,09 (Ø0.122)	Pin J Ø3,09 (Ø0.122)	Pin J Ø3,09 (Ø0.122)	Pin J Ø3,09 (Ø0.122)
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy
UG-1595/U	UG-1596/U		

Template Normal.dcfm

TD-00277

**WD 75-19**

**WRD 500D36**

USA plain MIL-F-39000/4B M39000/4-010	USA plain MIL-F-39000/4B M39000/4-011	USA sealing groove MIL-F-39000/4B M39000/4-022	USA sealing groove MIL-F-39000/4B M39000/4-023
A 31,75 (1.250)	A 31,75 (1.250)	A 31,75 (1.250)	A 31,75 (1.250)
B 42,88 (1.658)	B 42,88 (1.658)	B 42,88 (1.658)	B 42,88 (1.658)
E 10,45 (0.415)	E 10,45 (0.415)	E 10,45 (0.415)	E 10,45 (0.415)
F 2,54 (0.100)	F 2,54 (0.100)	F 2,54 (0.100)	F 2,54 (0.100)
G	G	G	G
H 16,13 (0.635)	H 16,13 (0.635)	H 16,13 (0.635)	H 16,13 (0.635)
Hole I $\varnothing 2,25 (\varnothing 0.128)$	Hole I $\varnothing 2,25 (\varnothing 0.128)$	Hole I $\varnothing 2,25 (\varnothing 0.128)$	Hole I $\varnothing 2,25 (\varnothing 0.128)$
Pin J $\varnothing 2,38 (\varnothing 0.094)$	Pin J $\varnothing 2,38 (\varnothing 0.094)$	Pin J $\varnothing 2,38 (\varnothing 0.094)$	Pin J $\varnothing 2,38 (\varnothing 0.094)$
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Al alloy	Material Cu alloy	Material Al alloy	Material Cu alloy
UG-1598/U	UG-1599/U		

plain m.e.c WRD500D36			
A 31,75 (1.250)			
B 42,93 (1.690)			
E 10,45 (0.415)			
F			
G 8,08 (0.318)			
H 16,13 (0.635)			
Hole I $\varnothing 2,44 (\varnothing 0.096)$			
Hole J $\varnothing 3,66 (\varnothing 0.144)$			
C 6,35 (0.250)			
Material Al alloy			

TD-00277

**WD 30-8**

**WRD 124C36**

<b>USA</b>	<b>USA</b>		
<b>plain</b>	<b>plain</b>		
<b>MIL-F-39000/4B</b>	<b>MIL-F-39000/4B</b>		
<b>M39000/4-013</b>	<b>M39000/4-014</b>		
A 25,40 (1.000)	A 25,40 (1.000)		
B 30,18 (1.188)	B 30,18 (1.188)		
E 5,49 (0.216)	E 5,49 (0.216)		
F 2,54 (0.100)	F 2,54 (0.100)		
G	G		
H 7,70 (0.303)	H 7,70 (0.303)		
Hole I $\varnothing 2,25 (\varnothing 0.128)$	Hole I $\varnothing 2,25 (\varnothing 0.128)$		
Pin J $\varnothing 2,38 (\varnothing 0.094)$	Pin J $\varnothing 2,38 (\varnothing 0.094)$		
C 3,18 (0.125)	C 3,18 (0.125)		
Material Al alloy	Material Cu alloy		
<b>UG-1601/U</b>	<b>UG-1602/U</b>		

**WRD 250D30**

<b>sealing groove</b>	<b>plain</b>		
<b>m.e.c/ ainfoinc</b>	<b>m.e.c</b>		
<b>WRD250D40</b>	<b>WRD250-C2</b>		
<b>FP WRD 250D30</b>			
A 61,98 (2.440)	A 61,98 (2.440)		
B 81,03 (3.190)	B 81,03 (3.190)		
E 22,23 (0.875)	E 22,23 (0.875)		
F 9,53 (0.375)	F 9,53 (0.375)		
G 12,70 (0.500)	G 12,70 (0.500)		
H 32,33 (1.273)	H 32,33 (1.273)		
Hole I 0.184-32 UNC-2B	Hole I 0.184-32 UNC-2B		
J	J		
C 3,18 (0.125)	C 3,18 (0.125)		
Material Al alloy	Material Al alloy		

Template Normal.dcfm

TD-00277

**WRD 580D28**

plain ainfoinc FP WRD580D28	sealing groove ainfoinc FP WBD580D28	sealing groove m.e.c SLIM 580-S	sealing groove m.e.c QUICK DISCONNECT 580-D
A 34,93 (1.375)	A 34,93 (1.375)	A 19,05 (0.750)	A 47,75 (1.880)
B 33,93 (1.375)	B 33,93 (1.375)	B 44,45 (1.750)	B
E 12,70 (0.500)	E 12,70 (0.500)	E 5,715 (0.225)	E 15,24 (0.600)
F	F	F	F
G 5,08 (0.200)	G 5,08 (0.200)	G	G
H 13,462 (0.530)	H 13,462 (0.530)	H 17,15 (0.675)	H
Hole I 0,138-32 UNC-2B	Hole I 0,138-32 UNC-2B	Hole I 0,138-23 UNC-2B	Hole I Ø3,23 (Ø0.127)
Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	J
C 6,22 (0.245)	C 6,22 (0.245)	C 6,22 (0.245)	C 3,38 (0.133)
Material	Material	Material	Material

TD-00277

**WRD 650D28**

plain ainfoinc	plain ainfoinc	sealing groove ainfoinc	sealing groove m.e.c
FP WRD 650D28	FP WBD 650D28	FP WDD 650D28	QUICK DISCONNECT 650-D
A 35,00 (1.377)	A 34,93 (1.375)	A 34,93 (1.375)	A 47,75 (1.880)
B 35,00 (1.377)	B 33,93 (1.375)	B 33,93 (1.375)	B
E 12,70 (0.500)	E 12,70 (0.500)	E 12,70 (0.500)	E 15,24 (0.600)
F	F	F	F
G 8,38 (0.330)	G 8,38 (0.330)	G 8,38 (0.330)	G
H 13,97 (0.550)	H 14,00 (0.550)	H 14,00 (0.550)	H
Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole I Ø3,23 (Ø0.127)
Hole J Ø2,4 (Ø0.094)	Hole J Ø3,68 (Ø0.145)	Hole J Ø3,68 (Ø0.145)	J
C 6,4 (0.252)	C 6,22 (0.245)	C 6,22 (0.245)	C 3,38 (0.133)
Material	Material	Material	Material

sealing groove m.e.c			
SLIM 650-S			
A 19,05 (0.750)			
B 44,45 (1.750)			
E 5,40 (0.213)			
F			
G			
H 17,15 (0.675)			
Hole I 0.138-23 UNC-2B			
Hole J Ø3,68 (Ø0.145)			
C 6,22 (0.245)			
Material			

**WRD 700D26**

no citable flanges found so far



TD-00277

**Rectangular waveguides of reduced height**

<b>1/2 WR 2300</b>	<b>0.32 - 0.49 GHz</b>
no citable flanges found so far	
<b>1/2 WR 2100</b>	<b>0.35 - 0.53 GHz</b>
no citable flanges found so far	
<b>1/2 WR 1800</b>	<b>0.41 - 0.62 GHz</b>
no citable flanges found so far	
<b>1/2 WR 1500</b>	<b>0.49 - 0.75 GHz</b>
no citable flanges found so far	
<b>1/2 WR 1150</b>	<b>0.64 - 0.98 GHz</b>
no citable flanges found so far	
<b>≈ 1/2 WR 975 M85/4-</b> <small>009,010,011,012,013,014,021,022</small>	<b>0.76 - 1.15 GHz</b>
no citable flanges found so far	
<b>M 12 1/2 WR 770</b>	<b>0.96 - 1.46 GHz</b>
no citable flanges found so far	
<b>M 14 1/2 WR 650</b>	<b>1.14 - 1.73 GHz</b>
no citable flanges found so far	
<b>M 18 1/2 WR 510</b>	<b>1.45 - 2.20 GHz</b>
no citable flanges found so far	
<b>M 22 1/2 WR 430</b>	<b>1.72 - 2.61 GHz</b>
no citable flanges found so far	

TD-00277

**F 22** **1.72 - 2.61 GHz**

<b>International plain</b>				
<b>IEC 60154-3:1982</b>				
<b>60154 IEC-UGF 22</b>				
A	41,00 (1.614)			
B	135,00 (5.315)			
E	16,00 (0.630)			
F	12,50 (0.467)			
G	31,50 (1.240)			
H	63,00 (2.480)			
D				
Hole I	Ø4,00 (Ø0.158)			
C	9,00 (0.354)			
Material				

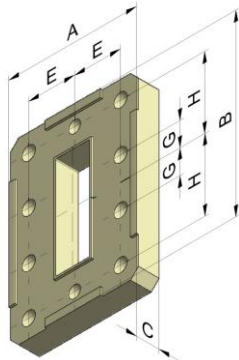
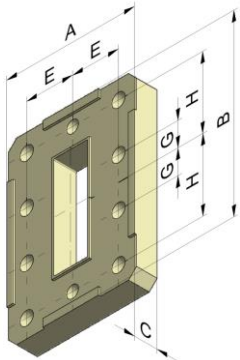
**M 26** **1/2 WR 340** **2.17 - 3.30 GHz**  
 no citable flanges found so far

**F 26** **2.17 - 3.30 GHz**

<b>International plain</b>				
<b>IEC 60154-3:1982</b>				
<b>60154 IEC-UGF 26</b>				
A	38,00 (1.496)			
B	112,00 (4.410)			
E	14,50 (0.571)			
F	10,50 (0.413)			
G	26,00 (1.023)			
H	51,50 (2.022)			
D				
Hole I	Ø4,00 (Ø0.158)			
C	9,00 (0.354)			
Material				

TD-00277

<b>M85/4-001,002,007</b>	<b>2.60 - 3.95 GHz</b>
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USA plain	USA plain		
MIL-DTL-3922/75D M3922/75-001	MIL-DTL-3922/75D M3922/75-002		
			
A 101,60 (4.000)	A 101,60 (4.000)		
B 139,70 (5.500)	B 139,70 (5.500)		
E 39,10 (1.500)	E 39,10 (1.500)		
F	F		
G 19,05 (0.750)	G 19,05 (0.750)		
H 57,15 (2.250)	H 57,15 (2.250)		
D	D		
Hole I Ø9,93 (Ø0.391)	Hole I Ø9,93 (Ø0.391)		
C 19,05 (0.750)	C 19,05 (0.750)		
Material Al alloy	Material Al alloy		

<b>M 32</b>	<b>2.60 - 3.95 GHz</b>
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no citable flanges found so far

<b>1/2 WR 284</b>	<b>M85/4-015,016,017</b>	<b>2.60 - 3.95 GHz</b>
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no citable flanges found so far

TD-00277

**F 32** **2.60 - 3.95 GHz**

<b>International plain</b>				
<b>IEC 60154-3:1982</b>				
<b>60154 IEC-UGF 32</b>				
A	36,00 (1.417)			
B	97,90 (3.855)			
E	13,50 (0.532)			
F	8,51 (0.335)			
G	22,50 (0.886)			
H	44,32 (1.745)			
D				
Hole I	Ø4,00 (Ø0.158)			
C	9,00 (0.354)			
Material				

**M 40**  $\approx \frac{1}{2}$  WR 229 **3.22 - 4.90 GHz**  
 no citable flanges found so far

**F 40** **3.22 - 4.90 GHz**

<b>International plain</b>				
<b>IEC 60154-3:1982</b>				
<b>60154 IEC-UGF 40</b>				
A	34,00 (1.339)			
B	80,20 (3.157)			
E	13,00 (0.512)			
F	10,31 (0.406)			
G	14,00 (0.551)			
H	36,12 (1.422)			
D				
Hole I	Ø4,00 (Ø0.158)			
C	6,40 (0.252)			
Material				

Template Normal.d07m

TD-00277

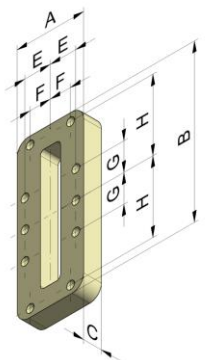
<b>M(F) 45 = F 45</b>	<b>3.68 - 5.60 GHz</b>
no citable flanges found so far	

<b>M 48</b>	<b>3.94 - 5.99 GHz</b>
no citable flanges found so far	

<b>1/2 WR 187</b>	<b>3.94 - 5.99 GHz</b>
no citable flanges found so far	

<b>M85/4-018, 019, 020</b>	<b>3.94 - 5.99 GHz</b>
no citable flanges found so far	

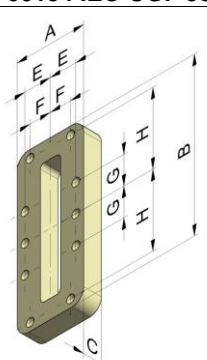
<b>F 48</b>	<b>3.94 - 5.99 GHz</b>
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International plain			
IEC 60154-3:1982			
60154 IEC-UGF 48			
			
A	34,00 (1.339)		
B	70,50 (2.780)		
E	12,00 (0.472)		
F	11,89 (0.468)		
G	10,29 (0.405)		
H	30,86 (1.214)		
D			
Hole 1	Ø4,00 (Ø0.158)		
C	6,40 (0.252)		
Material			

<b>M 58</b>	<b>1/2 WR 159</b>	<b>4.64 - 7.05 GHz</b>
no citable flanges found so far		

TD-00277

<b>F 58</b>	<b>4.64 - 7.05 GHz</b>
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<b>International plain</b>			
<b>IEC 60154-3:1982</b>			
<b>60154 IEC-UGF 58</b>			
			
A	32,00 (1.260)		
B	63,50 (2.500)		
E	11,00 (0.433)		
F	12,17 (0.479)		
G	9,19 (0.361)		
H	26,95 (1.061)		
D			
Hole I	Ø4,00 (Ø0.158)		
C	6,40 (0.252)		
Material			

no citable flanges found so far

<b>M85/4-003, 004, 008</b>	<b>5.38 - 8.17 GHz</b>
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no citable flanges found so far

<b>M 70</b>	<b>5.38 - 8.17 GHz</b>
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no citable flanges found so far

<b>1/2 WR 137</b>	<b>5.38 - 8.17 GHz</b>
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no citable flanges found so far

TD-00277

**F 70** **5.38 - 8.17 GHz**

<b>International plain</b>				
<b>IEC 60154-3:1982</b>				
<b>60154 IEC-UGF 70</b>				
<b>A</b>	<b>28,00 (1.102)</b>			
<b>B</b>	<b>57,80 (2.275)</b>			
<b>E</b>	<b>10,00 (0.394)</b>			
<b>F</b>	<b>8,71 (0.343)</b>			
<b>G</b>	<b>8,18 (0.322)</b>			
<b>H</b>	<b>24,51 (0.965)</b>			
<b>D</b>				
<b>Hole I</b>	<b>Ø4,00 (Ø0.158)</b>			
<b>C</b>	<b>6,40 (0.252)</b>			
<b>Material</b>				

**1/2 WR 112** **M85/4-030, 031** **6.57 - 9.99 GHz**

no citable flanges found so far

**F 84** **6.57 - 9.99 GHz**

<b>International plain</b>				
<b>IEC 60154-3:1982</b>				
<b>60154 IEC-UGF 84</b>				
<b>A</b>	<b>28,00 (1.102)</b>			
<b>B</b>	<b>51,20 (2.016)</b>			
<b>E</b>	<b>10,00 (0.394)</b>			
<b>F</b>	<b>7,11 (0.280)</b>			
<b>G</b>	<b>7,04 (0.277)</b>			
<b>H</b>	<b>21,08 (0.830)</b>			
<b>D</b>				
<b>Hole I</b>	<b>Ø4,00 (Ø0.158)</b>			
<b>C</b>	<b>6,40 (0.252)</b>			
<b>Material</b>				

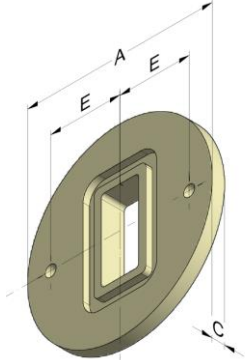
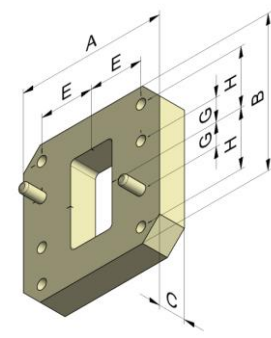
Template Normal.d07m

TD-00277

**1/2 WR 90 M85/4-034, 035,036,037 8.20 - 12.50 GHz**  
 no citable flanges found so far

**M(F) 100 = F 100 8.20 - 12.50 GHz**  
 no citable flanges found so far

**F750-D (aperture: 21,51 mm × 7,92 mm)**

sealing groove	plain		
m.e.c	m.e.c		
QUICK DISCONNECT F750-D	FLATGUIDE® F750		
			
A	47,75 (1.880)	A	34,93 (1.375)
B		B	34,93 (1.375)
E	15,24 (0.600)	E	12,70 (0.500)
F		F	
G		G	5,08 (0.200)
H		H	10,77 (0.424)
Hole I	∅3,23 (∅0.127)	Hole I	0.138-32 UNC-2B
Pin J		Pin J	∅2,39 (∅0.094)
C	3,38 (0.133)	C	6,22 (0.245)
Material		Material	



TD-00277

**F700-D (aperture: 24,51 mm × 8,13 mm)**

sealing groove m.e.c		plain m.e.c			
QUICK DISCONNECT F700-D		FLATGUIDE® F700			
A	47,75 (1.880)	A	38,10 (1.500)		
B		B	41,15 (1.620)		
E	15,24 (0.600)	E	5,49 (0.216)		
F		F			
G		G	5,49 (0.216)		
H		H	14,27 (0.562)		
Hole I	Ø3,23 (Ø0.127)	Hole I	0.138-32 UNC-2B		
Pin J		Pin J	Ø3,68 (Ø0.145)		
C	3,38 (0.133)	C	6,22 (0.245)		
Material		Material			

**F400-D (aperture: 52,37 mm × 12,85 mm)**

sealing groove m.e.c		FLATGUIDE® F400			
A	38,10 (1.500)				
B	63,50 (2.500)				
E	7,98 (0.314)				
F					
G	12,75 (0.500)				
H	27,94 (1.100)				
Hole I	Ø3,68 (Ø0.145)				
Pin J	0.138-32 UNC-2B				
C	6,22 (0.245)				
Material					

TD-00277  
 Double ordinary rectangular waveguides

**WR 975** **R 9** **WG 4**

<b>USA plain</b>		<b>USA plain</b>	
<b>EIA-285-A CPRD 975</b>		<b>EIA-285-A CPRD 975</b>	
A 212,73 (8.375)		A 342,90 (13.500)	
B 590,55 (23.250)		B 336,55 (13.250)	
E 87,30 (3.437)		E 152,40 (6.000)	
F 76,20 (3.000)		F 90,49 (3.562)	
G 127,00 (5.000)		G 101,60 (4.000)	
H 276,23 (10.875)		H 149,22 (5.875)	
Hole I Ø10,30 (Ø0.406)		Hole I Ø10,30 (Ø0.406)	
Hole J		Hole J	
C 9,53 (0.375)		C 9,53 (0.375)	

**WR 770** **R 12** **WG 5**

<b>USA plain</b>		<b>USA plain</b>	
<b>EIA-285-A CPRD 770</b>		<b>EIA-285-A CPRD 770</b>	
A 187,33 (7.375)		A 291,70 (11.484)	
B 485,57 (19.117)		B 284,96 (11.219)	
E 74,30 (2.925)		E 126,37 (4.975)	
F 25,40 (1.000)		F 77,47 (3.050)	
G 100,97 (3.975)		G 101,60 (4.000)	
H 224,16 (8.825)		H 123,19 (4.850)	
Hole I Ø10,30 (Ø0.406)		Hole I Ø10,30 (Ø0.406)	
Hole J		Hole J	
C 9,53 (0.375)		C 9,53 (0.375)	
		Material	

Template Normal.dcfm

TD-00277

<b>WR 650</b>	<b>R 14</b>	<b>WG 6</b>
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<b>USA plain EIA-285-A CPRD 650</b>	<b>USA plain EIA-285-A CPRD 650</b>																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>A</td><td>138,09 (5.437)</td></tr> <tr><td>B</td><td>389,73 (15.344)</td></tr> <tr><td>E</td><td>58,70 (2.311)</td></tr> <tr><td>F</td><td>31,73 (1.249)</td></tr> <tr><td>G</td><td>84,58 (3.330)</td></tr> <tr><td>H</td><td>184,58 (7.267)</td></tr> <tr><td>Hole I</td><td>Ø8,33 (Ø0.328)</td></tr> <tr><td>Hole J</td><td></td></tr> <tr><td>C</td><td>9,53 (0.375)</td></tr> <tr><td>Material</td><td></td></tr> </table>	A	138,09 (5.437)	B	389,73 (15.344)	E	58,70 (2.311)	F	31,73 (1.249)	G	84,58 (3.330)	H	184,58 (7.267)	Hole I	Ø8,33 (Ø0.328)	Hole J		C	9,53 (0.375)	Material		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>A</td><td>224,63 (8.844)</td></tr> <tr><td>B</td><td>220,65 (8.687)</td></tr> <tr><td>E</td><td>102,00 (4.016)</td></tr> <tr><td>F</td><td>75,03 (2.954)</td></tr> <tr><td>G</td><td>60,30 (2.374)</td></tr> <tr><td>H</td><td>100,00 (3.937)</td></tr> <tr><td>Hole I</td><td>Ø8,33 (Ø0.328)</td></tr> <tr><td>Hole J</td><td></td></tr> <tr><td>C</td><td>9,53 (0.375)</td></tr> <tr><td>Material</td><td></td></tr> </table>	A	224,63 (8.844)	B	220,65 (8.687)	E	102,00 (4.016)	F	75,03 (2.954)	G	60,30 (2.374)	H	100,00 (3.937)	Hole I	Ø8,33 (Ø0.328)	Hole J		C	9,53 (0.375)	Material	
A	138,09 (5.437)																																								
B	389,73 (15.344)																																								
E	58,70 (2.311)																																								
F	31,73 (1.249)																																								
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H	184,58 (7.267)																																								
Hole I	Ø8,33 (Ø0.328)																																								
Hole J																																									
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E	102,00 (4.016)																																								
F	75,03 (2.954)																																								
G	60,30 (2.374)																																								
H	100,00 (3.937)																																								
Hole I	Ø8,33 (Ø0.328)																																								
Hole J																																									
C	9,53 (0.375)																																								
Material																																									

<b>WR 510</b>	<b>R 18</b>	<b>WG 7</b>
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<b>USA plain EIA-285-A CPRD 510</b>	<b>USA plain EIA-285-A CPRD 510</b>																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>A</td><td>117,48 (4.625)</td></tr> <tr><td>B</td><td>315,52 (12.422)</td></tr> <tr><td>E</td><td>48,90 (1.925)</td></tr> <tr><td>F</td><td>26,19 (1.031)</td></tr> <tr><td>G</td><td>62,99 (2.480)</td></tr> <tr><td>H</td><td>148,08 (5.830)</td></tr> <tr><td>Hole I</td><td>Ø6,76 (Ø0.266)</td></tr> <tr><td>Hole J</td><td></td></tr> <tr><td>C</td><td>9,53 (0.375)</td></tr> <tr><td>Material</td><td></td></tr> </table>	A	117,48 (4.625)	B	315,52 (12.422)	E	48,90 (1.925)	F	26,19 (1.031)	G	62,99 (2.480)	H	148,08 (5.830)	Hole I	Ø6,76 (Ø0.266)	Hole J		C	9,53 (0.375)	Material		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>A</td><td>186,53 (7.344)</td></tr> <tr><td>B</td><td>181,76 (7.158)</td></tr> <tr><td>E</td><td>83,31 (3.280)</td></tr> <tr><td>F</td><td>50,47 (1.987)</td></tr> <tr><td>G</td><td>50,47 (1.987)</td></tr> <tr><td>H</td><td>81,28 (3.200)</td></tr> <tr><td>Hole I</td><td>Ø6,76 (Ø0.266)</td></tr> <tr><td>Hole J</td><td></td></tr> <tr><td>C</td><td>9,53 (0.375)</td></tr> <tr><td>Material</td><td></td></tr> </table>	A	186,53 (7.344)	B	181,76 (7.158)	E	83,31 (3.280)	F	50,47 (1.987)	G	50,47 (1.987)	H	81,28 (3.200)	Hole I	Ø6,76 (Ø0.266)	Hole J		C	9,53 (0.375)	Material	
A	117,48 (4.625)																																								
B	315,52 (12.422)																																								
E	48,90 (1.925)																																								
F	26,19 (1.031)																																								
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Hole I	Ø6,76 (Ø0.266)																																								
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A	186,53 (7.344)																																								
B	181,76 (7.158)																																								
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F	50,47 (1.987)																																								
G	50,47 (1.987)																																								
H	81,28 (3.200)																																								
Hole I	Ø6,76 (Ø0.266)																																								
Hole J																																									
C	9,53 (0.375)																																								
Material																																									

TD-00277

**WR 430** **R 22** **WG 8**

<b>USA</b>		<b>USA</b>	
<b>plain</b>		<b>plain</b>	
<b>EIA-285-A</b>		<b>EIA-285-A</b>	
<b>CPRD 430</b>		<b>CPRD 430</b>	
A	106,35 (4.187)	A	165,10 (6.500)
B	274,64 (10.813)	B	161,14 (6.344)
E	43,69 (1.720)	E	73,03 (2.875)
F	23,83 (0.938)	F	53,79 (2.118)
G	56,64 (2.230)	G	45,39 (1.787)
H	127,64 (5.025)	H	70,99 (2.795)
Hole I	Ø6,76 (Ø0.226)	Hole I	Ø6,76 (Ø0.226)
Hole J		Hole J	
C	9,53 (0.375)	C	9,53 (0.375)
Material		Material	

**WR 340** **R 26** **WG 9A**

<b>USA</b>		<b>USA</b>	
<b>plain</b>		<b>plain</b>	
<b>EIA-285-A</b>		<b>EIA-285-A</b>	
<b>CPRD 340</b>		<b>CPRD 340</b>	
A	95,25 (3.750)	A	130,57 (5.140)
B	228,60 (9.000)	B	138,10 (5.437)
E	38,10 (1.500)	E	61,72 (2.430)
F	17,04 (0.671)	F	40,67 (1.601)
G	45,21 (1.780)	G	34,14 (1.344)
H	104,75 (4.124)	H	59,54 (2.344)
Hole I	Ø6,76 (Ø0.266)	Hole I	Ø6,76 (Ø0.266)
Hole J		Hole J	
C	9,53 (0.375)	C	9,53 (0.375)
Material		Material	













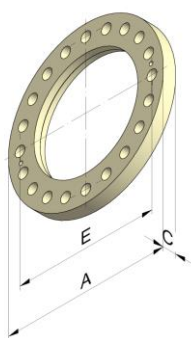




TD-00277

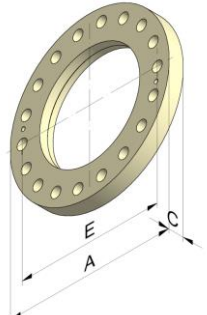
**Circular waveguides**

<b>WC 2551</b>	<b>C 3.3</b>	<b>CG 1</b>
no citable flanges found so far		
<b>WC 2179</b>	<b>C 4</b>	<b>CG 2</b>
no citable flanges found so far		
<b>WC 1862</b>	<b>C 4.5</b>	<b>CG 3</b>
no citable flanges found so far		
<b>WC 1590</b>	<b>C 5.3</b>	<b>CG 4</b>
no citable flanges found so far		
<b>WC 1359</b>	<b>C 6.2</b>	<b>CG 5</b>
no citable flanges found so far		
<b>WC 1161</b>	<b>C 7</b>	<b>CG 6</b>
no citable flanges found so far		
<b>WC 992</b>	<b>C 8</b>	<b>CG 7</b>

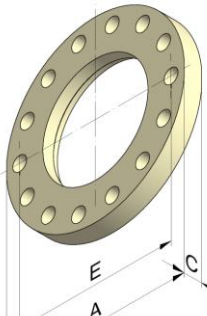
<b>USA</b>					
<b>plain</b>					
<b>EIA-200-B</b>					
<b>9.1875 Flange</b>					
					
<b>A</b>	<b>304,80 (12.000)</b>				
<b>B</b>					
<b>E</b>					
<b>F</b>					
<b>G</b>					
<b>H</b>					
<b>Hole I</b>	<b>Ø10,41 (Ø0.410)</b>				
<b>Hole J</b>					
<b>C</b>	<b>19,05 (0.750)</b>				
<b>Material</b>					

TD-00277

<b>WC 847</b>	<b>C 10</b>	<b>CG 8</b>
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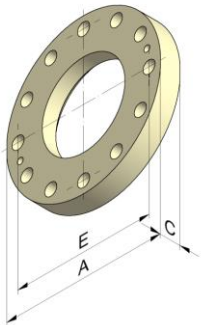
<b>USA plain EIA-200-B 8.00 Flange</b>					
					
<b>A</b>	279,40 (11.000)				
<b>B</b>					
<b>E</b>					
<b>F</b>					
<b>G</b>					
<b>H</b>					
<b>Hole I</b>	Ø10,41 (Ø0.410)				
<b>Hole J</b>					
<b>C</b>	19,05 (0.750)				
<b>Material</b>					

<b>WC 724</b>	<b>C 12</b>	<b>CG 9</b>
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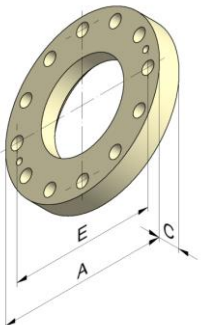
<b>USA plain EIA-200-B 7.1875 Flange</b>					
					
<b>A</b>	244,60 (9.630)				
<b>B</b>					
<b>E</b>					
<b>F</b>					
<b>G</b>					
<b>H</b>					
<b>Hole I</b>	Ø10,31 (Ø0.406)				
<b>Hole J</b>					
<b>C</b>	16,51 (0.650)				
<b>Material</b>					

TD-00277

<b>WC 618</b>	<b>C 14</b>	<b>CG 10</b>
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<b>USA plain EIA-200-B 6.25 Flange</b>					
					
<b>A</b>	206,24 (8.120)				
<b>B</b>					
<b>E</b>					
<b>F</b>					
<b>G</b>					
<b>H</b>					
<b>Hole I</b>	Ø10,41 (Ø0.41)				
<b>Hole J</b>					
<b>C</b>	13,34 (0.525)				
<b>Material</b>					

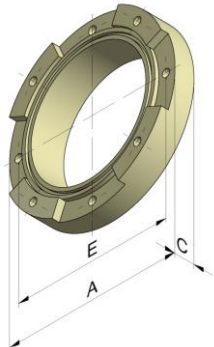
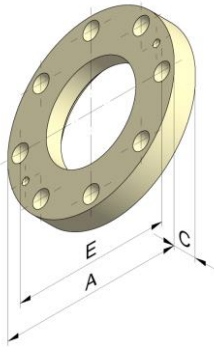
<b>WC 528</b>	<b>C 16</b>	<b>CG 11</b>
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<b>USA plain EIA-200-B 5.00 Flange</b>					
					
<b>A</b>	177,80 (7.000)				
<b>B</b>					
<b>E</b>					
<b>F</b>					
<b>G</b>					
<b>H</b>					
<b>Hole I</b>	Ø10,31 (Ø0.406)				
<b>Hole J</b>					
<b>C</b>	14,73 (0.580)				
<b>Material</b>					

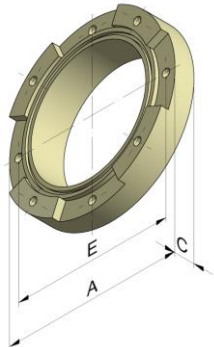
Template Normal.dcfm

TD-00277

<b>WC 451</b>	<b>C 18</b>	<b>CG 12</b>
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<b>International plain</b>	<b>USA plain</b>	
<b>IEC 60154-4:2017 60154 IEC-PJC 18</b>	<b>EIA-200-B 4.00 Flange</b>	
		
<b>A</b> 158,00 (6.220)	<b>A</b> 160,00 (6.300)	
<b>B</b>	<b>B</b>	
<b>E</b> 144,00 (5.669)	<b>E</b>	
<b>F</b>	<b>F</b>	
<b>G</b>	<b>G</b>	
<b>H</b>	<b>H</b>	
<b>Hole I</b> Ø5,80 (Ø0.228)	<b>Hole I</b> Ø10,31 (Ø0.406)	
<b>Hole J</b>	<b>Hole J</b>	
<b>C</b>	<b>C</b> 16,00(0.630)	
<b>Material</b>	<b>Material</b>	

<b>WC 385</b>	<b>C 22</b>	<b>CG 13</b>
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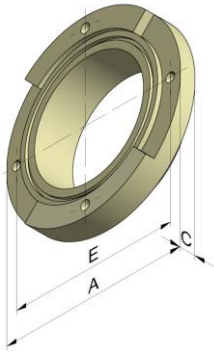
<b>International plain</b>		
<b>IEC 60154-4:2017 60154 IEC-PJC 22</b>		
		
<b>A</b> 141,00 (5.551)		
<b>B</b>		
<b>E</b> 127,00 (5.000)		
<b>F</b>		
<b>G</b>		
<b>H</b>		
<b>Hole I</b> Ø5,80 (Ø0.228)		
<b>Hole J</b>		
<b>C</b>		
<b>Material</b>		

TD-00277

<b>WC 329</b>	<b>C 25</b>	<b>CG 14</b>
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<b>International plain</b>	<b>USA plain</b>	
<b>IEC 60154-4:2017 60154 IEC-PJC 30</b>	<b>EIA-200-B 3.00 Flange</b>	
		
<b>A</b> 127,00 (5.000)	<b>A</b> 131,82 (5.190)	
<b>B</b>	<b>B</b>	
<b>E</b> 113,00 (4.449)	<b>E</b>	
<b>F</b>	<b>F</b>	
<b>G</b>	<b>G</b>	
<b>H</b>	<b>H</b>	
<b>Hole I</b> Ø5,80 (Ø0.228)	<b>Hole I</b> Ø10,31 (Ø0.406)	
<b>Hole J</b>	<b>Hole J</b>	
<b>C</b>	<b>C</b> 14,22(0.560)	
<b>Material</b>	<b>Material</b>	

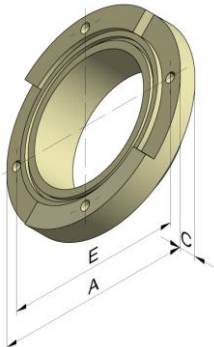
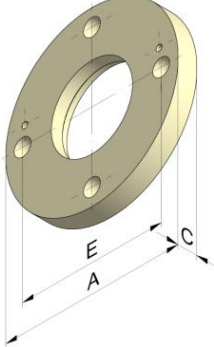
<b>WC 281</b>	<b>C 30</b>	<b>CG 15</b>
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<b>International plain</b>		
<b>IEC 60154-4:2017 60154 IEC-PJC 30</b>		
		
<b>A</b> 114,00 (4.488)		
<b>B</b>		
<b>E</b> 100,50 (3.957)		
<b>F</b>		
<b>G</b>		
<b>H</b>		
<b>Hole I</b> Ø5,80 (Ø0.228)		
<b>Hole J</b>		
<b>C</b>		
<b>Material</b>		

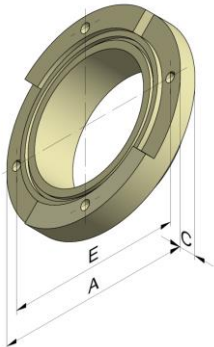


TD-00277

<b>WC 240</b>	<b>C 35</b>	<b>CG 16</b>
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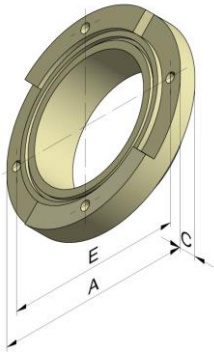
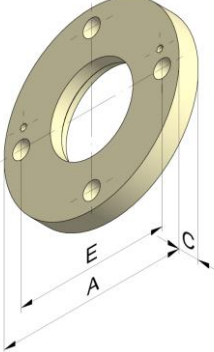
<b>International plain</b>	<b>USA plain</b>	
<b>IEC 60154-4:2017 60154 IEC-PJC 35</b>	<b>EIA-200-B 2.125 Flange</b>	
		
<b>A</b> 103,00 (4.055)	<b>A</b> 101,60 (4.000)	
<b>B</b>	<b>B</b>	
<b>E</b> 89,00 (3.504)	<b>E</b>	
<b>F</b>	<b>F</b>	
<b>G</b>	<b>G</b>	
<b>H</b>	<b>H</b>	
<b>Hole I</b> Ø5,80 (Ø0.228)	<b>Hole I</b> Ø10,31 (Ø0.406)	
<b>Hole J</b>	<b>Hole J</b>	
<b>C</b>	<b>C</b> 12,95 (0.510)	
<b>Material</b>	<b>Material</b>	

<b>WC 205</b>	<b>C 40</b>	<b>CG 17</b>
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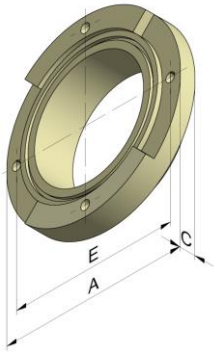
<b>International plain</b>		
<b>IEC 60154-4:2017 60154 IEC-PJC 40</b>		
		
<b>A</b> 94,00 (3.701)		
<b>B</b>		
<b>E</b> 80,00 (3.150)		
<b>F</b>		
<b>G</b>		
<b>H</b>		
<b>Hole I</b> Ø5,80 (Ø0.228)		
<b>Hole J</b>		
<b>C</b>		
<b>Material</b>		

TD-00277

<b>WC 175</b>	<b>C 48</b>	<b>CG 18</b>
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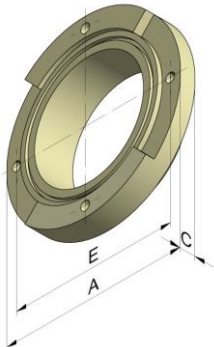
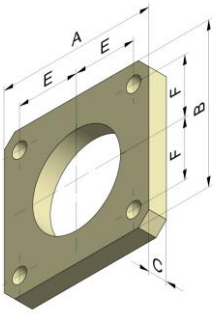
<b>International plain</b>	<b>USA plain</b>	
<b>IEC 60154-4:2017 60154 IEC-PJC 48</b>	<b>EIA-200-B 1.625 Flange</b>	
		
<b>A</b> 87,00 (3.425)	<b>A</b> 88,90 (3.500)	
<b>B</b>	<b>B</b>	
<b>E</b> 73,00 (2.874)	<b>E</b> 71,42 (2.812)	
<b>F</b>	<b>F</b>	
<b>G</b>	<b>G</b>	
<b>H</b>	<b>H</b>	
<b>Hole I</b> Ø5,80 (Ø0.228)	<b>Hole I</b> Ø8,71 (Ø0.343)	
<b>Hole J</b>	<b>Hole J</b>	
<b>C</b>	<b>C</b> 9,65 (0.380)	
<b>Material</b>	<b>Material</b>	

<b>WC 150</b>	<b>C 56</b>	<b>CG 19</b>
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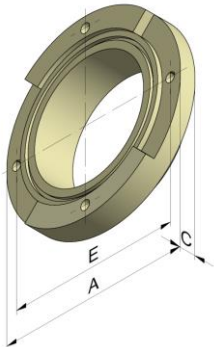
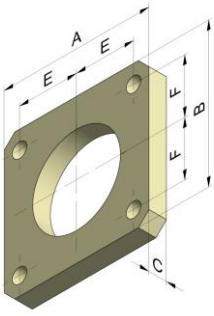
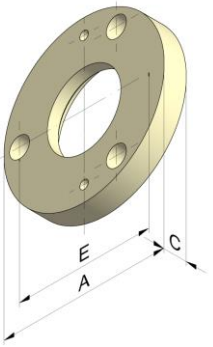
<b>International plain</b>		
<b>IEC 60154-4:2017 60154 IEC-PJC 56</b>		
		
<b>A</b> 81,00 (3.189)		
<b>B</b>		
<b>E</b> 67,00 (2.638)		
<b>F</b>		
<b>G</b>		
<b>H</b>		
<b>Hole I</b> Ø5,80 (Ø0.228)		
<b>Hole J</b>		
<b>C</b>		
<b>Material</b>		

TD-00277

<b>WC 128</b>	<b>C 65</b>	<b>CG 20</b>
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<b>International plain</b>	<b>USA plain</b>	
<b>IEC 60154-4:2017 60154 IEC-PJC 65</b>	<b>MIL-DTL-3922/53F M3922/53-001-mod</b>	
		
<b>A</b> 75,00 (2.953)	<b>A</b> 41,28 (1.625)	
<b>B</b>	<b>B</b> 41,28 (1.625)	
<b>E</b> 61,00 (2.402)	<b>E</b> 16,26 (0.640)	
<b>F</b>	<b>F</b> 15,49 (0.610)	
<b>G</b>	<b>G</b>	
<b>H</b>	<b>H</b>	
<b>Hole I</b> Ø5,80 (Ø0.228)	<b>Hole I</b> Ø4,29 (Ø0.169)	
<b>Hole J</b>	<b>Hole J</b>	
<b>C</b>	<b>C</b> 4,06 (0.160)	
<b>Material</b>	<b>Material</b> Cu alloy	
	<b>UG-39/U-mod</b>	

<b>WC 109</b>	<b>C 76</b>	<b>CG 21</b>
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<b>International plain</b>	<b>USA plain</b>	<b>USA plain</b>
<b>IEC 60154-4:2017 60154 IEC-PJC 76</b>	<b>MIL-DTL-3922/53F M3922/53-001-mod</b>	<b>EIA-200-B 0.875 Flange</b>
		
<b>A</b> 69,00 (2.716)	<b>A</b> 41,28 (1.625)	<b>A</b> 57,15 (2.250)
<b>B</b>	<b>B</b> 41,28 (1.625)	<b>B</b>
<b>E</b> 55,00 (2.165)	<b>E</b> 16,26 (0.640)	<b>E</b> 44,45 (1.750)
<b>F</b>	<b>F</b> 15,49 (0.610)	<b>F</b>
<b>G</b>	<b>G</b>	<b>G</b>
<b>H</b>	<b>H</b>	<b>H</b>
<b>Hole I</b> Ø5,80 (Ø0.228)	<b>Hole I</b> Ø4,29 (Ø0.169)	<b>Hole I</b> Ø7,14 (Ø0.281)
<b>Hole J</b>	<b>Hole J</b>	<b>Hole J</b>
<b>C</b>	<b>C</b> 4,06 (0.160)	<b>C</b> 7,87 (0.310)
<b>Material</b>	<b>Material</b> Cu alloy	<b>Material</b>
	<b>UG-39/U-mod</b>	

TD-00277

**WC 94** **C 89** **CG 22**

<b>International plain</b>		<b>USA plain</b>			
<b>IEC 60154-4:2017</b>		<b>MIL-DTL-3922/53F</b>			
<b>60154 IEC-PJC 89</b>		<b>M3922/53-001-mod</b>			
A	65,00 (2.559)	A	41,28 (1.625)		
B		B	41,28 (1.625)		
E	51,00 (2.008)	E	16,26 (0.640)		
F		F	15,49 (0.610)		
G		G			
H		H			
Hole I	Ø5,80 (Ø0.228)	Hole I	Ø4,29 (Ø0.169)		
Hole J		Hole J			
C		C	4,06 (0.160)		
Material		Material	Cu alloy		
		<b>UG-39/U-mod</b>			

**WC 80** **C 104** **CG 23**

<b>International plain</b>		<b>USA plain</b>		<b>USA plain</b>	
<b>IEC 60154-4:2017</b>		<b>MIL-DTL-3922/53F</b>		<b>MIL-DTL-3922/53F</b>	
<b>60154 IEC-PJC 104</b>		<b>M3922/53-005-mod</b>		<b>M3922/53-001-mod</b>	
A	62,00 (2.441)	A	33,35 (1.313)	A	41,28 (1.625)
B		B	33,35 (1.313)	B	41,28 (1.625)
E	48,00 (1.890)	E	12,14 (0.478)	E	16,26 (0.640)
F		F	12,62 (0.497)	F	15,49 (0.610)
G		G		G	
H		H		H	
Hole I	Ø5,80 (Ø0.228)	Hole I	Ø3,66 (Ø0.144)	Hole I	Ø4,29 (Ø0.169)
Hole J		Hole J		Hole J	
C		C	3,18 (0.125)	C	4,06 (0.160)
Material		Material	Cu alloy	Material	Cu alloy
		<b>UG-419/U-mod</b>		<b>UG-39/U-mod</b>	

Template Normal.dctm

TD-00277

**WC 69** **C 120** **CG 24**

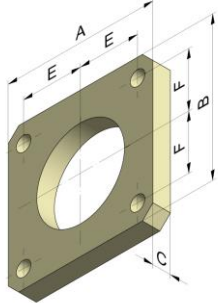
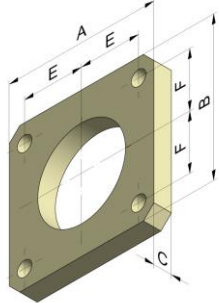
International plain	USA plain	USA plain
IEC 60154-4:2017	MIL-DTL-3922/53F	MIL-DTL-3922/53F
60154 IEC-PJC 120	M3922/53-005-mod	M3922/53-001-mod
A 59,00 (2.323)	A 33,35 (1.313)	A 41,28 (1.625)
B	B 33,35 (1.313)	B 41,28 (1.625)
E 45,00 (1.772)	E 12,14 (0.478)	E 16,26 (0.640)
F	F 12,62 (0.497)	F 15,49 (0.610)
G	G	G
H	H	H
Hole I $\varnothing 5,80 (\varnothing 0.228)$	Hole I $\varnothing 3,66 (\varnothing 0.144)$	Hole I $\varnothing 4,29 (\varnothing 0.169)$
Hole J	Hole J	Hole J
C	C 3,18 (0.125)	C 4,06 (0.160)
Material	Material Cu alloy	Material Cu alloy
	UG-419/U-mod	UG-39/U-mod

**WC 59** **C 140** **CG 25**

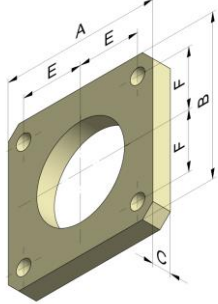
International plain	USA plain	USA plain
IEC 60154-4:2017	MIL-DTL-3922/54E	MIL-DTL-3922/53F
60154 IEC-PJC 140	M3922/54-003-mod	M3922/53-005-mod
A 56,00 (2.205)	A 19,05 (0.750)	A 33,35 (1.313)
B	B 19,05 (0.750)	B 33,35 (1.313)
E 42,00 (1.653)	E 6,73 (0.265)	E 12,14 (0.478)
F	F 6,35 (0.250)	F 12,62 (0.497)
G	G	G
H	H	H
Hole I $\varnothing 5,80 (\varnothing 0.228)$	Hole I $\varnothing 2,95 (\varnothing 0.116)$	Hole I $\varnothing 3,66 (\varnothing 0.144)$
Hole J	Hole J	Hole J
C	C 4,75 (0.187)	C 3,18 (0.125)
Material	Material Cu alloy	Material Cu alloy
	UG-599/U-mod	UG-419/U-mod

**WC 50** **C 165** **CG 26**

TD-00277

<b>USA plain</b>		<b>USA plain</b>			
<b>MIL-DTL-3922/54E</b>		<b>MIL-DTL-3922/53F</b>			
<b>M3922/54-003-mod</b>		<b>M3922/53-005-mod</b>			
					
A	19,05 (0.750)	A	33,35 (1.313)		
B	19,05 (0.750)	B	33,35 (1.313)		
E	6,73 (0.265)	E	12,14 (0.478)		
F	6,35 (0.250)	F	12,62 (0.497)		
G		G			
H		H			
Hole I	Ø2,95 (Ø0.116)	Hole I	Ø3,66 (Ø0.144)		
Hole J		Hole J			
C	4,75 (0.187)	C	3,18 (0.125)		
Material	Cu alloy	Material	Cu alloy		
<b>UG-599/U-mod</b>		<b>UG-419/U-mod</b>			

<b>WC 44</b>	<b>C 190</b>	<b>CG 27</b>
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<b>USA plain</b>			
<b>MIL-DTL-3922/54E</b>			
<b>M3922/54-003-mod</b>			
			
A	19,05 (0.750)		
B	19,05 (0.750)		
E	6,73 (0.265)		
F	6,35 (0.250)		
G			
H			
Hole I	Ø2,95 (Ø0.116)		
Hole J			
C	4,75 (0.187)		
Material	Cu alloy		
<b>UG-599/U-mod</b>			

TD-00277

<b>WC 38</b>	<b>C 220</b>	<b>CG 28</b>
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<b>USA plain</b>	<b>USA plain</b>	
<b>MIL-DTL-3922/67E M3922/67-001-mod</b>	<b>MIL-DTL-3922/54E M3922/54-003-mod</b>	
<b>A</b> 28.580 (1.1250)	<b>A</b> 19,05 (0.750)	
<b>B</b>	<b>B</b> 19,05 (0.750)	
<b>E</b> 23,812 (0.9375)	<b>E</b> 6,73 (0.265)	
<b>F</b>	<b>F</b> 6,35 (0.250)	
<b>G</b>	<b>G</b>	
<b>Hole I</b> 0.112-40 UNC-2B	<b>H</b>	
<b>Hole J</b> $\varnothing$ 1,700 ( $\varnothing$ 0.0670)	<b>Hole I</b> $\varnothing$ 2,95 ( $\varnothing$ 0.116)	
<b>Pin P</b> $\varnothing$ 1,562 ( $\varnothing$ 0.0615)	<b>Hole J</b>	
<b>C</b> 4,064 (0.1600)	<b>C</b> 4,75 (0.187)	
<b>Material</b> Cu alloy	<b>Material</b> Cu alloy	
<b>UG-383/U-mod</b>	<b>UG-599/U-mod</b>	

<b>WC 33</b>	<b>C 255</b>	<b>CG 29</b>
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<b>USA plain</b>	<b>USA plain</b>	
<b>MIL-DTL-3922/67E M3922/67-001-mod</b>	<b>MIL-DTL-3922/54E M3922/54-003-mod</b>	
<b>A</b> 28.580 (1.1250)	<b>A</b> 19,05 (0.750)	
<b>B</b>	<b>B</b> 19,05 (0.750)	
<b>E</b> 23,812 (0.9375)	<b>E</b> 6,73 (0.265)	
<b>F</b>	<b>F</b> 6,35 (0.250)	
<b>G</b>	<b>G</b>	
<b>Hole I</b> 0.112-40 UNC-2B	<b>H</b>	
<b>Hole J</b> $\varnothing$ 1,700 ( $\varnothing$ 0.0670)	<b>Hole I</b> $\varnothing$ 2,95 ( $\varnothing$ 0.116)	
<b>Pin P</b> $\varnothing$ 1,562 ( $\varnothing$ 0.0615)	<b>Hole J</b>	
<b>C</b> 4,064 (0.1600)	<b>C</b> 4,75 (0.187)	
<b>Material</b> Cu alloy	<b>Material</b> Cu alloy	
<b>UG-383/U-mod</b>	<b>UG-599/U-mod</b>	

TD-00277

<b>WC 28</b>	<b>C 290</b>	<b>CG 30</b>
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USA plain	USA plain	
MIL-DTL-3922/67E M3922/67-001-mod	MIL-DTL-3922/54E M3922/54-003-mod	
A 28.580 (1.1250)	A 19.05 (0.750)	
B	B 19.05 (0.750)	
E 23.812 (0.9375)	E 6.73 (0.265)	
F	F 6.35 (0.250)	
G	G	
Hole I 0.112-40 UNC-2B	Hole H	
Hole J $\varnothing 1,700 (\varnothing 0.0670)$	Hole I $\varnothing 2,95 (\varnothing 0.116)$	
Pin P $\varnothing 1,562 (\varnothing 0.0615)$	Hole J	
C 4.064 (0.1600)	C 4.75 (0.187)	
Material Cu alloy	Material Cu alloy	
UG-383/U-mod	UG-599/U-mod	

<b>WC 25</b>	<b>C 330</b>	<b>CG 31</b>
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USA plain	USA plain	
MIL-DTL-3922/67E M3922/67-001-mod	MIL-DTL-3922/54E M3922/54-003-mod	
A 28.580 (1.1250)	A 19.05 (0.750)	
B	B 19.05 (0.750)	
E 23.812 (0.9375)	E 6.73 (0.265)	
F	F 6.35 (0.250)	
G	G	
Hole I 0.112-40 UNC-2B	Hole H	
Hole J $\varnothing 1,700 (\varnothing 0.0670)$	Hole I $\varnothing 2,95 (\varnothing 0.116)$	
Pin P $\varnothing 1,562 (\varnothing 0.0615)$	Hole J	
C 4.064 (0.1600)	C 4.75 (0.187)	
Material Cu alloy	Material Cu alloy	
UG-383/U-mod	UG-599/U-mod	

Template Normal.dctm



TD-00277

<b>WC 22</b>	<b>C 380</b>	<b>CG 32</b>
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<b>USA plain</b>	<b>USA plain</b>	
<b>MIL-DTL-3922/67E M3922/67-001-mod</b>	<b>MIL-DTL-3922/54E M3922/54-003-mod</b>	
<b>A</b> 28.580 (1.1250)	<b>A</b> 19.05 (0.750)	
<b>B</b>	<b>B</b> 19.05 (0.750)	
<b>E</b> 23.812 (0.9375)	<b>E</b> 6.73 (0.265)	
<b>F</b>	<b>F</b> 6.35 (0.250)	
<b>G</b>	<b>G</b>	
<b>Hole I</b> 0.112-40 UNC-2B	<b>Hole H</b>	
<b>Hole J</b> Ø1.700 (Ø0.0670)	<b>Hole I</b> Ø2.95 (Ø0.116)	
<b>Pin P</b> Ø1.562 (Ø0.0615)	<b>Hole J</b>	
<b>C</b> 4.064 (0.1600)	<b>C</b> 4.75 (0.187)	
<b>Material</b> Cu alloy	<b>Material</b> Cu alloy	
<b>UG-383/U-mod</b>	<b>UG-599/U-mod</b>	

<b>WC 19</b>	<b>C 430</b>	<b>CG 33</b>
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<b>USA plain</b>	<b>USA plain</b>	
<b>MIL-DTL-3922/67E M3922/67-002-mod</b>	<b>MIL-DTL-3922/67E M3922/67-001-mod</b>	
<b>A</b> 19.050 (0.7500)	<b>A</b> 28.580 (1.1250)	
<b>B</b>	<b>B</b>	
<b>E</b> 14.288 (0.5625)	<b>E</b> 23.812 (0.9375)	
<b>F</b>	<b>F</b>	
<b>G</b>	<b>G</b>	
<b>Hole I</b> 0.112-40 UNC-2B	<b>Hole I</b> 0.112-40 UNC-2B	
<b>Hole J</b> Ø1.700 (Ø0.0670)	<b>Hole J</b> Ø1.700 (Ø0.0670)	
<b>Pin P</b> Ø1.562 (Ø0.0615)	<b>Pin P</b> Ø1.562 (Ø0.0615)	
<b>C</b> 4.064 (0.1600)	<b>C</b> 4.064 (0.1600)	
<b>Material</b> Cu alloy	<b>Material</b> Cu alloy	
<b>UG-385/U-mod</b>	<b>UG-383/U-mod</b>	

Template Normal.dcfm

TD-00277

WC 17	C 495	CG 34
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	USA plain	USA plain	USA plain
	MIL-DTL-3922/67E M3922/67-003-mod	MIL-DTL-3922/67E M3922/67-002-mod	MIL-DTL-3922/67E M3922/67-001-mod
A	19,050 (0.7500)	19,050 (0.7500)	28,580 (1.1250)
B			
E	14,288 (0.5625)	14,288 (0.5625)	23,812 (0.9375)
F			
G			
Hole I	0.112-40 UNC-2B	0.112-40 UNC-2B	0.112-40 UNC-2B
Hole J	Ø1,700 (Ø0.0670)	Ø1,700 (Ø0.0670)	Ø1,700 (Ø0.0670)
Pin P	Ø1,562 (Ø0.0615)	Ø1,562 (Ø0.0615)	Ø1,562 (Ø0.0615)
C	4,064 (0.1600)	4,064 (0.1600)	4,064 (0.1600)
Material	Cu alloy	Cu alloy	Cu alloy
	<b>UG-387/U-mod</b>	<b>UG-385/U-mod</b>	<b>UG-383/U-mod</b>

TD-00277

<b>WC 14</b>	<b>C 580</b>	<b>CG 35</b>
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<b>International plain</b>	<b>International plain</b>	<b>USA plain</b>	<b>USA plain</b>
<b>IEC 60154-4:2017 60154 IEC-PFC 580</b>	<b>IEC 60154-4:2017 60154 IEC-PGC 580</b>	<b>MIL-DTL-3922/67E M3922/67-003-mod</b>	<b>MIL-DTL-3922/67E M3922/67-002-mod</b>
<b>A</b> 19,05 (0.750)	<b>A</b> 22,00 (0.866)	<b>A</b> 19,050 (0.7500)	<b>A</b> 19,050 (0.7500)
<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>
<b>E</b> 14,29 (0.563)	<b>E</b> 14,29 (0.563)	<b>E</b> 14,288 (0.5625)	<b>E</b> 14,288 (0.5625)
<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>
<b>G</b>	<b>G</b>	<b>G</b>	<b>G</b>
<b>Hole I</b> 0.112-40UNC-2B	<b>Hole I</b> 0.112-40UNC-2B	<b>Hole I</b> 0.112-40 UNC-2B	<b>Hole I</b> 0.112-40 UNC-2B
<b>Hole J</b> Ø1,65 (Ø0.065)	<b>Hole J</b> Ø1,61 (Ø0.064)	<b>Hole J</b> Ø1,700 (Ø0.0670)	<b>Hole J</b> Ø1,700 (Ø0.0670)
<b>Pin P</b> Ø1,57 (Ø0.062)	<b>Pin P</b> Ø1,57 (Ø0.062)	<b>Pin P</b> Ø1,562 (Ø0.0615)	<b>Pin P</b> Ø1,562 (Ø0.0615)
<b>C</b> 4,00 (0.157)	<b>C</b> 5,00 (0.196)	<b>C</b> 4,064 (0.1600)	<b>C</b> 4,064 (0.1600)
<b>Material</b>	<b>Material</b>	<b>Material</b> Cu alloy	<b>Material</b> Cu alloy
		<b>UG-387/U-mod</b>	<b>UG-385/U-mod</b>

<b>USA plain</b>			
<b>MIL-DTL-3922/67E M3922/67-001-mod</b>			
<b>A</b> 28.580 (1.1250)			
<b>B</b>			
<b>E</b> 23,812 (0.9375)			
<b>F</b>			
<b>G</b>			
<b>Hole I</b> 0.112-40 UNC-2B			
<b>Hole J</b> Ø1,700 (Ø0.0670)			
<b>Pin P</b> Ø1,562 (Ø0.0615)			
<b>C</b> 4,064 (0.1600)			
<b>Material</b> Cu alloy			
<b>UG-383/U-mod</b>			

TD-00277

<b>WC 13</b>	<b>C 660</b>	<b>CG 36</b>
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<b>International plain</b>	<b>International plain</b>	<b>USA plain</b>																																																												
<b>IEC 60154-4:2017 60154 IEC-PFC 660</b>	<b>IEC 60154-4:2017 60154 IEC-PGC 660</b>	<b>MIL-DTL-3922/67E M3922/67-003-mod</b>																																																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>A</td><td>19,05 (0.750)</td></tr> <tr><td>B</td><td></td></tr> <tr><td>E</td><td>14,29 (0.563)</td></tr> <tr><td>F</td><td></td></tr> <tr><td>G</td><td></td></tr> <tr><td>Hole I</td><td>0.112-40UNC-2B</td></tr> <tr><td>Hole J</td><td>Ø1,65 (Ø0.065)</td></tr> <tr><td>Pin P</td><td>Ø1,57 (Ø0.062)</td></tr> <tr><td>C</td><td>4,00 (0.157)</td></tr> <tr><td>Material</td><td></td></tr> </table>	A	19,05 (0.750)	B		E	14,29 (0.563)	F		G		Hole I	0.112-40UNC-2B	Hole J	Ø1,65 (Ø0.065)	Pin P	Ø1,57 (Ø0.062)	C	4,00 (0.157)	Material		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>A</td><td>22,00 (0.866)</td></tr> <tr><td>B</td><td></td></tr> <tr><td>E</td><td>14,29 (0.563)</td></tr> <tr><td>F</td><td></td></tr> <tr><td>G</td><td></td></tr> <tr><td>Hole I</td><td>0.112-40UNC-2B</td></tr> <tr><td>Hole J</td><td>Ø1,61 (Ø0.064)</td></tr> <tr><td>Pin P</td><td>Ø1,57 (Ø0.062)</td></tr> <tr><td>C</td><td>5,00 (0.196)</td></tr> <tr><td>Material</td><td></td></tr> </table>	A	22,00 (0.866)	B		E	14,29 (0.563)	F		G		Hole I	0.112-40UNC-2B	Hole J	Ø1,61 (Ø0.064)	Pin P	Ø1,57 (Ø0.062)	C	5,00 (0.196)	Material		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>A</td><td>19,050 (0.7500)</td></tr> <tr><td>B</td><td></td></tr> <tr><td>E</td><td>14,288 (0.5625)</td></tr> <tr><td>F</td><td></td></tr> <tr><td>G</td><td></td></tr> <tr><td>Hole I</td><td>0.112-40 UNC-2B</td></tr> <tr><td>Hole J</td><td>Ø1,700 (Ø0.0670)</td></tr> <tr><td>Pin P</td><td>Ø1,562 (Ø0.0615)</td></tr> <tr><td>C</td><td>4,064 (0.1600)</td></tr> <tr><td>Material</td><td>Cu alloy</td></tr> </table>	A	19,050 (0.7500)	B		E	14,288 (0.5625)	F		G		Hole I	0.112-40 UNC-2B	Hole J	Ø1,700 (Ø0.0670)	Pin P	Ø1,562 (Ø0.0615)	C	4,064 (0.1600)	Material	Cu alloy
A	19,05 (0.750)																																																													
B																																																														
E	14,29 (0.563)																																																													
F																																																														
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Pin P	Ø1,57 (Ø0.062)																																																													
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Pin P	Ø1,562 (Ø0.0615)																																																													
C	4,064 (0.1600)																																																													
Material	Cu alloy																																																													
<b>UG-387/U-mod</b>																																																														

<b>WC 11</b>	<b>C 765</b>	<b>CG 37</b>
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<b>International plain</b>	<b>International plain</b>	<b>USA plain</b>																																																												
<b>IEC 60154-4:2017 60154 IEC-PFC 765</b>	<b>IEC 60154-4:2017 60154 IEC-PGC 765</b>	<b>MIL-DTL-3922/67E M3922/67-003-mod</b>																																																												
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A	19,05 (0.750)																																																													
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C	4,064 (0.1600)																																																													
Material	Cu alloy																																																													
<b>UG-387/U-mod</b>																																																														

Template Normal.dctm

TD-00277

<b>WC 9</b>	<b>C 890</b>	<b>CG 38</b>
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International plain	International plain	USA plain
IEC 60154-4:2017 60154 IEC-PFC 765	IEC 60154-4:2017 60154 IEC-PGC 765	MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,65 (Ø0.065)	Hole J Ø1,61 (Ø0.064)	Hole J Ø1,700 (Ø0.0670)
Pin P Ø1,57 (Ø0.062)	Pin P Ø1,57 (Ø0.062)	Pin P Ø1,562 (Ø0.0615)
C 4,00 (0.157)	C 5,00 (0.196)	C 4,064 (0.1600)
Material	Material	Material Cu alloy
		<b>UG-387/U-mod</b>

<b>C 1.04k</b>
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International plain	International plain	USA plain
IEC 60154-4:2017 60154 IEC-PFC 1.04k	IEC 60154-4:2017 60154 IEC-PGC 1.04k	MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,65 (Ø0.065)	Hole J Ø1,61 (Ø0.064)	Hole J Ø1,700 (Ø0.0670)
Pin P Ø1,57 (Ø0.062)	Pin P Ø1,57 (Ø0.062)	Pin P Ø1,562 (Ø0.0615)
C 4,00 (0.157)	C 5,00 (0.196)	C 4,064 (0.1600)
Material	Material	Material Cu alloy
		<b>UG-387/U-mod</b>

Template Normal.dctm

TD-00277

### C 1.2k

International plain	International plain	USA plain
IEC 60154-4:2017 60154 IEC-PFC 1.2k	IEC 60154-4:2017 60154 IEC-PGC 1.2k	MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,65 (Ø0.065)	Hole J Ø1,61 (Ø0.064)	Hole J Ø1,700 (Ø0.0670)
Pin P Ø1,57 (Ø0.062)	Pin P Ø1,57 (Ø0.062)	Pin P Ø1,562 (Ø0.0615)
C 4,00 (0.157)	C 5,00 (0.196)	C 4,064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod

### C 1.4k

International plain	International plain	USA plain
IEC 60154-4:2017 60154 IEC-PFC 1.4k	IEC 60154-4:2017 60154 IEC-PGC 1.4k	MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,65 (Ø0.065)	Hole J Ø1,61 (Ø0.064)	Hole J Ø1,700 (Ø0.0670)
Pin P Ø1,57 (Ø0.062)	Pin P Ø1,57 (Ø0.062)	Pin P Ø1,562 (Ø0.0615)
C 4,00 (0.157)	C 5,00 (0.196)	C 4,064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod

TD-00277

## C 1.65k

International plain	International plain	USA plain																																																													
IEC 60154-4:2017	IEC 60154-4:2017	MIL-DTL-3922/67E																																																													
60154 IEC-PFC 1.65k	60154 IEC-PGC 1.65k	M3922/67-003-mod																																																													
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Material	Cu alloy																																																														
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## C 1.9k

International plain	International plain	USA plain																																																													
IEC 60154-4:2017	IEC 60154-4:2017	MIL-DTL-3922/67E																																																													
60154 IEC-PFC 1.9k	60154 IEC-PGC 1.9k	M3922/67-003-mod																																																													
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Material	Cu alloy																																																														
<b>UG-387/U-mod</b>																																																															

TD-00277

### C 2.2k

International plain	International plain	USA plain
IEC 60154-4:2017	IEC 60154-4:2017	MIL-DTL-3922/67E
60154 IEC-PFC 2.2k	60154 IEC-PGC 2.2k	M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,65 (Ø0.065)	Hole J Ø1,61 (Ø0.064)	Hole J Ø1,700 (Ø0.0670)
Pin P Ø1,57 (Ø0.062)	Pin P Ø1,57 (Ø0.062)	Pin P Ø1,562 (Ø0.0615)
C 4,00 (0.157)	C 5,00 (0.196)	C 4,064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod

### C 2.55k

International plain	International plain	USA plain
IEC 60154-4:2017	IEC 60154-4:2017	MIL-DTL-3922/67E
60154 IEC-PFC 2.55k	60154 IEC-PGC 2.55k	M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,65 (Ø0.065)	Hole J Ø1,61 (Ø0.064)	Hole J Ø1,700 (Ø0.0670)
Pin P Ø1,57 (Ø0.062)	Pin P Ø1,57 (Ø0.062)	Pin P Ø1,562 (Ø0.0615)
C 4,00 (0.157)	C 5,00 (0.196)	C 4,064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod



TD-00277

## C 2.9k

International plain	International plain	USA plain																																																													
IEC 60154-4:2017 60154 IEC-PFC 2.9k	IEC 60154-4:2017 60154 IEC-PGC 2.9k	MIL-DTL-3922/67E M3922/67-003-mod																																																													
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## C 3.3k

International plain	International plain	USA plain																																																													
IEC 60154-4:2017 60154 IEC-PFC 3.3k	IEC 60154-4:2017 60154 IEC-PGC 3.3k	MIL-DTL-3922/67E M3922/67-003-mod																																																													
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TD-00277

### C 3.8k

International plain IEC 60154-4:2017 60154 IEC-PFC 3.8k	International plain IEC 60154-4:2017 60154 IEC-PGC 3.8k	USA plain MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J $\varnothing 1,65 (\varnothing 0.065)$	Hole J $\varnothing 1,61 (\varnothing 0.064)$	Hole J $\varnothing 1,700 (\varnothing 0.0670)$
Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,562 (\varnothing 0.0615)$
C 4,00 (0.157)	C 5,00 (0.196)	C 4.064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod

### C 4.3k

International plain IEC 60154-4:2017 60154 IEC-PFC 4.3k	International plain IEC 60154-4:2017 60154 IEC-PGC 4.3k	USA plain MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J $\varnothing 1,65 (\varnothing 0.065)$	Hole J $\varnothing 1,61 (\varnothing 0.064)$	Hole J $\varnothing 1,700 (\varnothing 0.0670)$
Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,562 (\varnothing 0.0615)$
C 4,00 (0.157)	C 5,00 (0.196)	C 4.064 (0.1600)
Material	Material	Material Cu alloy
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TD-00277

## C 4.95k

International plain	International plain	USA plain																																																												
IEC 60154-4:2017 60154 IEC-PFC 4.95k	IEC 60154-4:2017 60154 IEC-PGC 4.95k	MIL-DTL-3922/67E M3922/67-003-mod																																																												
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## C 5.8k

International plain	International plain	USA plain																																																												
IEC 60154-4:2017 60154 IEC-PFC 5.8k	IEC 60154-4:2017 60154 IEC-PGC 5.8k	MIL-DTL-3922/67E M3922/67-003-mod																																																												
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TD-00277

### C 6.6k

International plain	International plain	USA plain
IEC 60154-4:2017 60154 IEC-PFC 6.6k	IEC 60154-4:2017 60154 IEC-PGC 6.6k	MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J $\varnothing 1,65 (\varnothing 0.065)$	Hole J $\varnothing 1,61 (\varnothing 0.064)$	Hole J $\varnothing 1,700 (\varnothing 0.0670)$
Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,562 (\varnothing 0.0615)$
C 4,00 (0.157)	C 5,00 (0.196)	C 4.064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod

### C 7.65k

International plain	International plain	USA plain
IEC 60154-4:2017 60154 IEC-PFC 7.65k	IEC 60154-4:2017 60154 IEC-PGC 7.65k	MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J $\varnothing 1,65 (\varnothing 0.065)$	Hole J $\varnothing 1,61 (\varnothing 0.064)$	Hole J $\varnothing 1,700 (\varnothing 0.0670)$
Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,562 (\varnothing 0.0615)$
C 4,00 (0.157)	C 5,00 (0.196)	C 4.064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod

TD-00277

### C 8.9k

International plain IEC 60154-4:2017 60154 IEC-PFC 8.9k	International plain IEC 60154-4:2017 60154 IEC-PGC 8.9k	USA plain MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,65 (Ø0.065)	Hole J Ø1,61 (Ø0.064)	Hole J Ø1,700 (Ø0.0670)
Pin P Ø1,57 (Ø0.062)	Pin P Ø1,57 (Ø0.062)	Pin P Ø1,562 (Ø0.0615)
C 4,00 (0.157)	C 5,00 (0.196)	C 4.064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod

### C 10.4k

International plain IEC 60154-4:2017 60154 IEC-PFC 10.4k	International plain IEC 60154-4:2017 60154 IEC-PGC 10.4k	USA plain MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,65 (Ø0.065)	Hole J Ø1,61 (Ø0.064)	Hole J Ø1,700 (Ø0.0670)
Pin P Ø1,57 (Ø0.062)	Pin P Ø1,57 (Ø0.062)	Pin P Ø1,562 (Ø0.0615)
C 4,00 (0.157)	C 5,00 (0.196)	C 4.064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod

TD-00277

## C 12k

International plain	International plain	USA plain																																																												
IEC 60154-4:2017 60154 IEC-PFC 12k	IEC 60154-4:2017 60154 IEC-PGC 12k	MIL-DTL-3922/67E M3922/67-003-mod																																																												
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## C 14k

International plain	International plain	USA plain																																																												
IEC 60154-4:2017 60154 IEC-PFC 14k	IEC 60154-4:2017 60154 IEC-PGC 14k	MIL-DTL-3922/67E M3922/67-003-mod																																																												
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TD-00277

## C 16.5k

International plain	International plain	USA plain																																																													
IEC 60154-4:2017 60154 IEC-PFC 16.5k	IEC 60154-4:2017 60154 IEC-PGC 16.5k	MIL-DTL-3922/67E M3922/67-003-mod																																																													
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C	4.064 (0.1600)																																																														
Material	Cu alloy																																																														
<b>UG-387/U-mod</b>																																																															

## C 19k

International plain	International plain	USA plain																																																													
IEC 60154-4:2017 60154 IEC-PFC 19k	IEC 60154-4:2017 60154 IEC-PGC 19k	MIL-DTL-3922/67E M3922/67-003-mod																																																													
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Material	Cu alloy																																																														
<b>UG-387/U-mod</b>																																																															

TD-00277

### C 22k

International plain	International plain	USA plain
IEC 60154-4:2017 60154 IEC-PFC 22k	IEC 60154-4:2017 60154 IEC-PGC 22k	MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J $\varnothing 1,65 (\varnothing 0.065)$	Hole J $\varnothing 1,61 (\varnothing 0.064)$	Hole J $\varnothing 1,700 (\varnothing 0.0670)$
Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,562 (\varnothing 0.0615)$
C 4,00 (0.157)	C 5,00 (0.196)	C 4,064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod

### C 25.5k

International plain	International plain	USA plain
IEC 60154-4:2017 60154 IEC-PFC 25.5k	IEC 60154-4:2017 60154 IEC-PGC 25.5k	MIL-DTL-3922/67E M3922/67-003-mod
A 19,05 (0.750)	A 22,00 (0.866)	A 19,050 (0.7500)
B	B	B
E 14,29 (0.563)	E 14,29 (0.563)	E 14,288 (0.5625)
F	F	F
G	G	G
Hole I 0.112-40UNC-2B	Hole I 0.112-40UNC-2B	Hole I 0.112-40 UNC-2B
Hole J $\varnothing 1,65 (\varnothing 0.065)$	Hole J $\varnothing 1,61 (\varnothing 0.064)$	Hole J $\varnothing 1,700 (\varnothing 0.0670)$
Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,57 (\varnothing 0.062)$	Pin P $\varnothing 1,562 (\varnothing 0.0615)$
C 4,00 (0.157)	C 5,00 (0.196)	C 4,064 (0.1600)
Material	Material	Material Cu alloy
		UG-387/U-mod



TD-00277

**C 29k**

International plain		International plain		USA plain	
IEC 60154-4:2017		IEC 60154-4:2017		MIL-DTL-3922/67E	
60154 IEC-PFC 29k		60154 IEC-PGC 29k		M3922/67-003-mod	
A	19,05 (0.750)	A	22,00 (0.866)	A	19,050 (0.7500)
B		B		B	
E	14,29 (0.563)	E	14,29 (0.563)	E	14,288 (0.5625)
F		F		F	
G		G		G	
Hole I	0.112-40UNC-2B	Hole I	0.112-40UNC-2B	Hole I	0.112-40 UNC-2B
Hole J	Ø1,65 (Ø0.065)	Hole J	Ø1,61 (Ø0.064)	Hole J	Ø1,700 (Ø0.0670)
Pin P	Ø1,57 (Ø0.062)	Pin P	Ø1,57 (Ø0.062)	Pin P	Ø1,562 (Ø0.0615)
C	4,00 (0.157)	C	5,00 (0.196)	C	4,064 (0.1600)
Material		Material		Material	Cu alloy
				<b>UG-387/U-mod</b>	