

TD-00077

**FLANSCHEN FÜR RECHTECKHOHLLEITER
MIT NORMALPROFIL****1. Einleitung****1.1 Geltungsbereich**

Metallische Rechteckhohlleiter mit Normalprofil zeichnen sich durch ein Breiten- zu Höhenverhältnis von exakt oder näherungsweise 2:1 aus. Normalprofil-Hohlleiter sind genormt in IEC 60153-2, EIA RS-261, MIL-DTL-85, MOD UK DEF-5351 und anderen.

Zur Verbindung von Normalprofil-Hohlleitern existiert eine Vielzahl von Hohlleiterflanschen. Diese sind im Detail maßlich festgelegt in den Normen IEC 60154-2, EIA RS-166, EIA RS-271, MIL-DTL-3922, MOD UK DEF-5352 und anderen.

1.2 Zweck

Zweck dieses Dokuments ist es, einen schnellen Überblick über die unterschiedlichen Formen der Flansche und ihre Hauptabmessungen zu geben. Des Weiteren wird eine einfache Bestimmung der normgerechten Flanschbezeichnung ermöglicht.

1.3 Anmerkungen

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.

Dieses Dokument ist kein Produktkatalog. Es kann nicht zur Bestellung von Rohflanschen verwendet werden.

**FLANGES FOR ORDINARY RECTANGULAR
WAVEGUIDES****1. Introduction****1.1 Scope**

Hollow metallic waveguides with ordinary rectangular cross section are characterized by a width-to-height ratio of exactly or approximately 2:1. Such waveguides are standardized in IEC 60153-2, EIA RS-261, MIL-DTL-85, MOD UK DEF-5351 and others.

For interconnection of ordinary waveguides there exists a plurality of waveguide flanges. They are defined in detail by the standards IEC 60154-2, EIA RS-166, EIA RS-271, MIL-DTL-3922, MOD UK DEF-5352 and others.

1.2 Purpose

The purpose of this document is to provide a quick overview over the various flange geometries with their basic dimensions. Another aim is to give standard-complying flange designations.

1.3 Remarks

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.

This document is not a product catalogue. It cannot be used to order raw flanges.

TD-00077

2. Legende zum Tabellenteil

2.1 Hohlleiterbezeichnungen

2. Explanation for the Tables

2.1 Waveguide designations

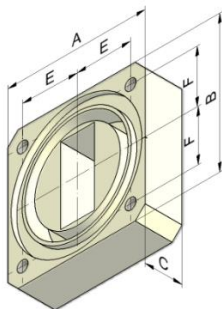
WR 2300 EIA designation	R 3 IEC designation	WG 00 UK designation	
for frequencies of about 100 GHz and above			
WR 10 EIA designation	R 900 IEC designation	WG 27 UK designation	WM-2540 IEEE designation

Eine Zusammenstellung der Innenabmessungen von Normalprofil-Hohlleitern und vieler anderer Profile ist im Technischen Dokument TD-00036 "Cross Reference for Hollow Metallic Waveguides" der SPINNER GmbH gegeben.

A compilation of inner dimensions of ordinary rectangular waveguides and many other profiles is given in the Technical Document TD-00036 "Cross Reference for Hollow Metallic Waveguides" of the SPINNER GmbH.

2.2 Flansch-Beschreibungsfelder

2.2 Flange description fields

Normenstatus	canceled w/o replacement	Status of the standard																		
Ursprung	USA	Origin																		
Flanschausführung plain = Planflansch ohne Dichtnut sealing groove = Planflansch mit Dichtnut choke/sealing groove = Drosselflansch mit Dichtnut	choke/sealing groove	Flange style plain = plain flange without sealing groove sealing groove = plain flange with sealing groove choke/sealing groove = choke flange with sealing groove																		
Norm Normen wurden inklusive Ausgabebestand angegeben. Hinweis: Aus Platzgründen wurde „IEC 60154-2:1980 + A1:1997“ durch „IEC 60154-2:1997“ abgekürzt.	MIL-DTL-3922/99F	Standard Standards are listed together with their issue status. Note: For lack of space the standard „IEC 60154-2:1980 + A1:1997“ has been depicted as „IEC 60154-2:1997“.																		
Flanschbezeichnung 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)	M3922/99-006	Flange designation 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)																		
Vereinfachte 3D-Skizze mit Hauptabmessungen der Flanschvorderseite																				
- Alle Maße sind Nennmaße. Sie liegen nicht zwingend in Toleranzmitte. - Maßtoleranzen sind nicht angegeben. - Maße mit Dezimalkomma sind in Millimetern. - Maße mit Dezimalpunkt sind in Inch. - Bei der Umrechnung von Inch in Millimeter wird in den Normen nicht einheitlich gerundet. - Maß C ist die "Flanschdicke", die zur Bestimmung der Schraubenlänge erforderlich ist.	<table><tr><td>A</td><td>41,28 (1.625)</td></tr><tr><td>B</td><td>41,28 (1.625)</td></tr><tr><td>E</td><td>16,26 (0.64)</td></tr><tr><td>F</td><td>15,49 (0.610)</td></tr><tr><td>G</td><td></td></tr><tr><td>H</td><td></td></tr><tr><td>Hole I</td><td>0.164-32 UNC-2B</td></tr><tr><td>Hole J</td><td></td></tr><tr><td>C</td><td>4,06 (0.160)</td></tr></table>	A	41,28 (1.625)	B	41,28 (1.625)	E	16,26 (0.64)	F	15,49 (0.610)	G		H		Hole I	0.164-32 UNC-2B	Hole J		C	4,06 (0.160)	- All dimensions are of nominal nature. They are not necessarily in the center of their tolerance band. - Dimensional tolerances are not given. - Dimensions with decimal comma are in millimeters. - Dimensions with decimal point are in inches. - For conversion from inches to millimeters the standards do not make use of a uniform rounding. - Dimension C is the "flange thickness" required to determine the bolt length.
A	41,28 (1.625)																			
B	41,28 (1.625)																			
E	16,26 (0.64)																			
F	15,49 (0.610)																			
G																				
H																				
Hole I	0.164-32 UNC-2B																			
Hole J																				
C	4,06 (0.160)																			
<table><tr><td>Material</td><td>Angabe nur, falls ein Material explizit spezifiziert ist.</td></tr></table>	Material	Angabe nur, falls ein Material explizit spezifiziert ist.	<table><tr><td>Material</td><td>Cu alloy</td></tr></table>	Material	Cu alloy	<table><tr><td>Material</td><td>Given only if a material is explicitly specified.</td></tr></table>	Material	Given only if a material is explicitly specified.												
Material	Angabe nur, falls ein Material explizit spezifiziert ist.																			
Material	Cu alloy																			
Material	Given only if a material is explicitly specified.																			
Nummer der SPINNER Fasson-Zeichnungen	F00815, F04711	Number of SPINNER detail drawings																		
Alternative Flanschbezeichnung (falls vorh.), z.B. UG-Nummer oder NATO Stock Number NSN	UG-9999B/U	Alternative flange designation (if available), e.g. UG-Number or NATO Stock Number NSN																		

Hinweis: Grau markierte Angaben konnten bisher nicht gegen eine Norm verifiziert werden. Sie sollten daher mit Vorsicht behandelt werden.

Note: Data marked in grey could not be verified against a standard until now. They should therefore be treated with caution.

TD-00077

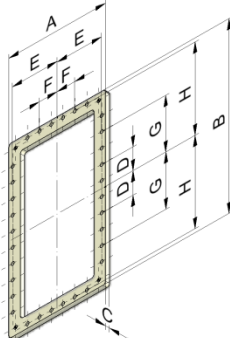
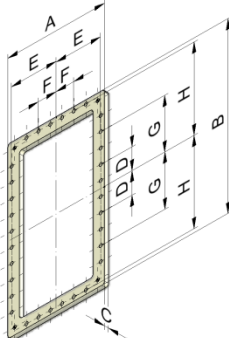
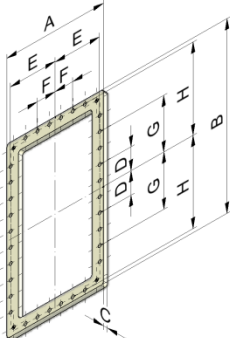
3. Dokumentenversionsverwaltung

3. Document Revision Control

Issue	Date	Description
H	2020-04-17	- Start of the document revision control. - Some descriptions in section 2.2 have been refined. - A new field for alternative flange designations has been created. - Some SPINNER F-Numbers have been changed or added. - The definition of flange thickness (dimension C) has been unified, which has led to many deletions or changes in this value. - Most UK flanges could be checked against the DEF-5352:1958 standard. This resulted in the addition of four UK flanges and several minor corrections. - Most of the flange description fields have been arranged differently to better illustrate their species relationship. - Fields with IEC flanges were colored light green to indicate the preferred character of these flanges. - Several minor corrections were made throughout the whole document.
I	2020-04-27	Issue index I was intentionally skipped.
J	2020-04-28	- Several corrections of flange thicknesses (dimension C) were necessary due to the unification of the thickness definition. - Flange CCR 220 was added. - Several minor corrections were made throughout the whole document.

TD-00077

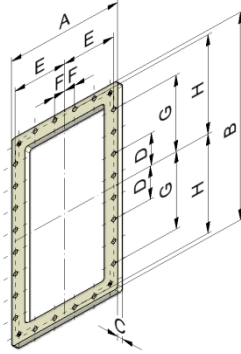
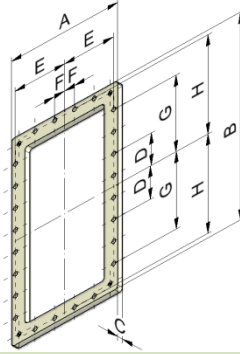
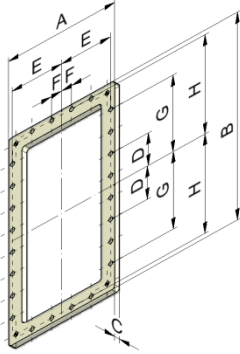
WR 2300	R 3	WG 00
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		canceled w/o replacement					
		USA		International		USA	
		plain		plain		plain	
		MIL-F-3922/76		IEC 60154-2:2016		EIA RS-271-A	
		M3922/76-07		60154 IEC-UDR 3		CPR 2300 F	
							
		A	384,20 (15.125)	A	384,20 (15.126)	A	384,20 (15.125)
		B	676,30 (26.625)	B	676,30 (26.625)	B	676,30 (26.625)
		E	177,80 (7.000)	E	177,80 (7.000)	E	177,80 (7.000)
		F	70,87 (2.790)	F	70,87 (2.790)	F	70,87 (2.790)
		G	198,20 (7.803)	G	198,20 (7.803)	G	198,20 (7.803)
		H	323,85 (12.750)	H	323,85 (12.750)	H	323,85 (12.750)
		D	84,96 (3.345)	D	84,96 (3.345)	D	84,96 (3.345)
		Hole I	Ø13,48 (Ø0.531)	Hole I	Ø13,20 (Ø0.520)	Hole I	Ø13,48 (Ø0.531)
		C	19,05 (0.750)	C	15,88 (0.625)	C	9,53 (0.375)
		Material	Al alloy	Material		Material	Cu, Al, Mg alloys

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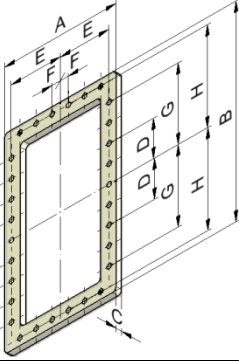
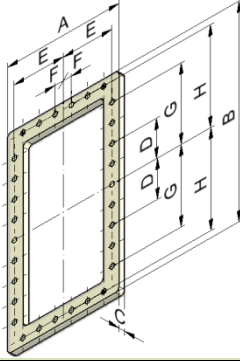
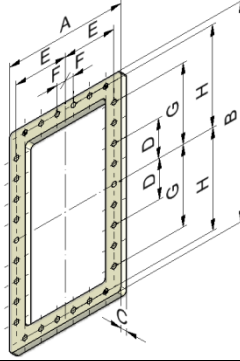
WR 2100	R 4	WG 0
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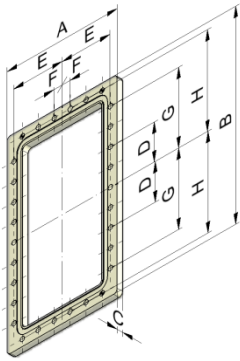
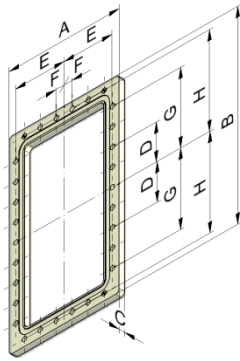
		canceled w/o replacement			
		USA		International	USA
		plain		plain	plain
		MIL-F-3922/76		IEC 60154-2:2016	EIA RS-271-A
		M3922/76-06		60154 IEC-UDR 4	CPR 2100 F
					
		A 358,80 (14.125)		A 358,80 (14.126)	A 358,80 (14.125)
		B 625,50 (24.625)		B 625,50 (24.626)	B 625,50 (24.625)
		E 165,10 (6.500)		E 165,10 (6.500)	E 165,10 (6.500)
		F 33,02 (1.300)		F 33,02 (1.300)	F 33,02 (1.300)
		G 232,13 (9.139)		G 232,13 (9.139)	G 232,13 (9.139)
		H 298,45 (11.750)		H 298,45 (11.750)	H 298,45 (11.750)
		D 99,49 (3.917)		D 99,49 (3.917)	D 99,49 (3.917)
		Hole I Ø13,48 (Ø0.531)		Hole I Ø13,20 (Ø0.520)	Hole I Ø13,48 (Ø0.531)
		C 19,05 (0.750)		C 15,88 (0.625)	C 9,53 (0.375)
		Material Al alloy		Material	Material Cu, Al, Mg alloys

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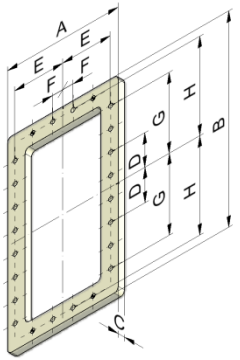
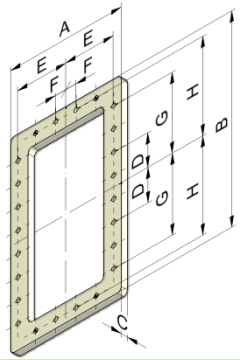
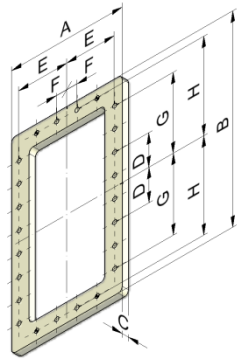
WR 1800	R 5	WG 1
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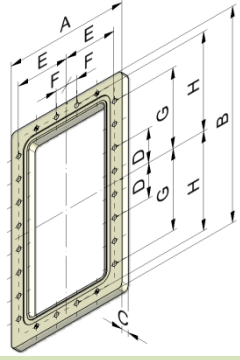
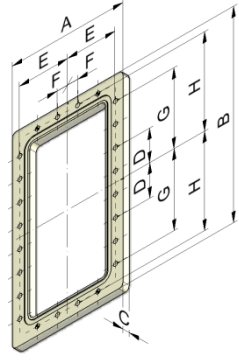
	canceled w/o replacement		
	USA	International	USA
	Plain	plain	plain
	MIL-F-3922/76	IEC 60154-2:2016	EIA RS-271-A
	M3922/76-05	60154 IEC-UDR 5	CPR 1800 F
			
	A 317,50 (12.500)	A 317,50 (12.500)	A 317,50 (12.500)
	B 546,10 (21.500)	B 546,10 (21.500)	B 546,10 (21.500)
	E 139,70 (5.500)	E 139,70 (5.500)	E 139,70 (5.500)
	F 23,04 (0.907)	F 23,04 (0.907)	F 23,04 (0.907)
	G 203,20 (8.000)	G 203,20 (8.000)	G 203,20 (8.000)
	H 254,00 (10.000)	H 254,00 (10.000)	H 254,00 (10.000)
	D 101,60 (4.000)	D 101,60 (4.000)	D 101,60 (4.000)
	Hole I Ø10,30 (Ø0.406)	Hole I Ø10,40 (Ø0.409)	Hole I Ø10,30 (Ø0.406)
	C 15,87 (0.625)	C 9,52 (0.375)	C 9,53 (0.375)
	Material Al alloy	Material F40516, F41246	Material Cu, Al, Mg alloys

		International	USA
		sealing groove	sealing groove
		IEC 60154-2:2016	EIA RS-271-A
		60154 IEC-PDR 5	CPR 1800 G
			
		A 317,50 (12.500)	A 317,50 (12.500)
		B 546,10 (21.500)	B 546,10 (21.500)
		E 139,70 (5.500)	E 139,70 (5.500)
		F 23,04 (0.907)	F 23,04 (0.907)
		G 203,20 (8.000)	G 203,20 (8.000)
		H 254,00 (10.000)	H 254,00 (10.000)
		D 101,60 (4.000)	D 101,60 (4.000)
		Hole I Ø10,40 (Ø0.409)	Hole I Ø10,30 (Ø0.406)
		C 9,52 (0.375)	C 9,53 (0.375)
		Material	Material Cu, Al, Mg alloys

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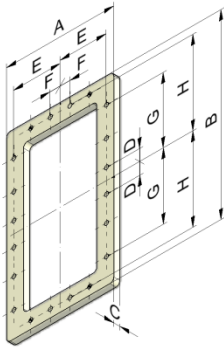
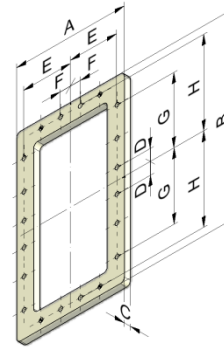
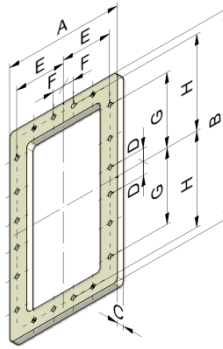
WR 1500	R 6	WG 2
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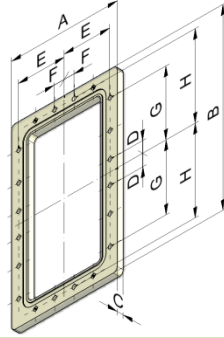
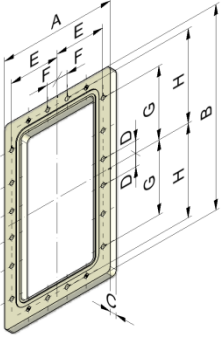
	canceled w/o replacement		
	USA	International	USA
	plain	plain	plain
	MIL-F-3922/76	IEC 60154-2:2016	EIA RS-271-A
	M3922/76-04	60154 IEC-UDR 6	CPR 1500 F
			
	A 279,40 (11.000)	A 279,40 (11.000)	A 279,40 (11.000)
	B 469,90 (18.500)	B 469,90 (18.500)	B 469,90 (18.500)
	E 120,65 (4.750)	E 120,65 (4.750)	E 120,65 (4.750)
	F 25,40 (1.000)	F 25,40 (1.000)	F 25,40 (1.000)
	G 177,80 (7.000)	G 177,80 (7.000)	G 177,80 (7.000)
	H 215,90 (8.500)	H 215,90 (8.500)	H 215,90 (8.500)
	D 76,20 (3.000)	D 76,20 (3.000)	D 76,20 (3.000)
	Hole I Ø10,30 (Ø0.406)	Hole I Ø10,40 (Ø0.409)	Hole I Ø10,30 (Ø0.406)
	C 15,87 (0.625)	C 9,52 (0.375)	C 9,53 (0.375)
	Material Al alloy	Material F41200	Material Cu, Al, Mg alloys

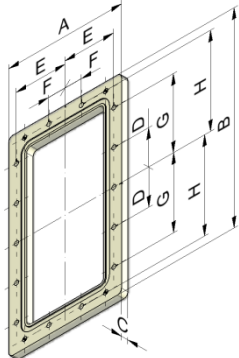
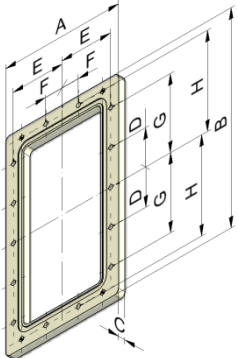
		International	USA
		sealing groove	sealing groove
		IEC 60154-2:2016	EIA RS-271-A
		60154 IEC-PDR 6	CPR 1500 G
			
		A 279,40 (11.000)	A 279,40 (11.000)
		B 469,90 (18.500)	B 469,90 (18.500)
		E 120,65 (4.750)	E 120,65 (4.750)
		F 25,40 (1.000)	F 25,40 (1.000)
		G 177,80 (7.000)	G 177,80 (7.000)
		H 215,90 (8.500)	H 215,90 (8.500)
		D 76,20 (3.000)	D 76,20 (3.000)
		Hole I Ø10,40 (Ø0.409)	Hole I Ø10,30 (Ø0.406)
		C 9,52 (0.375)	C 9,53 (0.375)
		Material	Material Cu, Al, Mg alloys

TD-00077

WR 1150	R 8	WG 3
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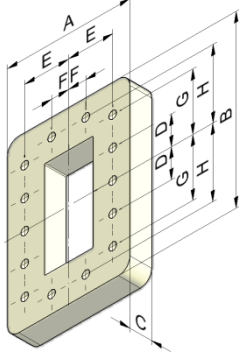
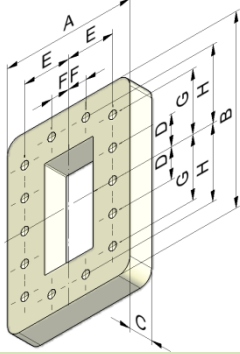
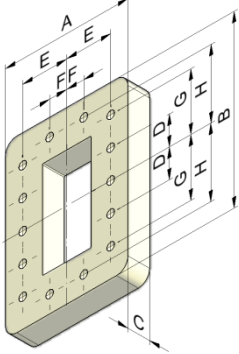
canceled w/o replacement			
USA		International	USA
plain		plain	plain
MIL-F-3922/76		IEC 60154-2:2016	EIA RS-271-A
M3922/76-03		60154 IEC-UDR 8	CPR 1150 F
			
	A 234,96 (9.250)	A 234,96 (9.250)	A 234,96 (9.250)
	B 381,00 (15.000)	B 381,00 (15.000)	B 381,00 (15.000)
	E 98,42 (3.875)	E 98,42 (3.875)	E 98,42 (3.875)
	F 24,61 (0.969)	F 24,61 (0.969)	F 24,61 (0.969)
	G 127,00 (5.000)	G 127,00 (5.000)	G 127,00 (5.000)
	H 171,45 (6.750)	H 171,45 (6.750)	H 171,45 (6.750)
	D 25,40 (1.000)	D 25,40 (1.000)	D 25,40 (1.000)
	Hole I Ø10,30 (Ø0.406)	Hole I Ø10,40 (Ø0.409)	Hole I Ø10,30 (Ø0.406)
	C 15,87 (0.625)	C 9,52 (0.375)	C 9,53 (0.375)
	Material Al alloy	Material	Material Cu, Al, Mg alloys

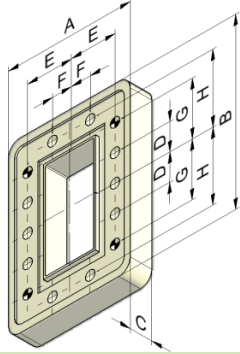
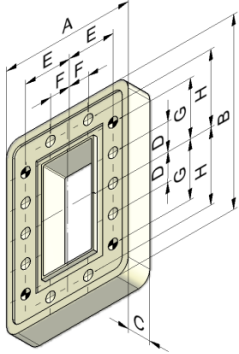
		International	USA
		sealing groove	sealing groove
		IEC 60154-2:2016	EIA RS-271-A
		60154 IEC-PDR 8	CPR 1150 G
			
	A 234,96 (9.250)	A 234,96 (9.250)	A 234,96 (9.250)
	B 381,00 (15.000)	B 381,00 (15.000)	B 381,00 (15.000)
	E 98,42 (3.875)	E 98,42 (3.875)	E 98,42 (3.875)
	F 24,61 (0.969)	F 24,61 (0.969)	F 24,61 (0.969)
	G 127,00 (5.000)	G 127,00 (5.000)	G 127,00 (5.000)
	H 171,45 (6.750)	H 171,45 (6.750)	H 171,45 (6.750)
	D 25,40 (1.000)	D 25,40 (1.000)	D 25,40 (1.000)
	Hole I Ø10,40 (Ø0.409)	Hole I Ø10,30 (Ø0.406)	Hole I Ø10,30 (Ø0.406)
	C 9,52 (0.375)	C 9,53 (0.375)	C 9,53 (0.375)
	Material	Material	Material Cu, Al, Mg alloys
		F40720	

				International sealing groove	USA sealing groove
				IEC 60154-2:2016	EIA RS-271-A
				60154 IEC-PDR 9	CPR 975 G
					
				A 212,73 (8.375)	A 212,73 (8.375)
				B 336,55 (13.250)	B 336,55 (13.250)
				E 87,30 (3.437)	E 87,30 (3.437)
				F 25,40 (1.000)	F 25,40 (1.000)
				G 101,60 (4.000)	G 101,60 (4.000)
				H 149,22 (5.875)	H 149,22 (5.875)
				D 50,80 (2.000)	D 50,80 (2.000)
				Hole I Ø10,40 (Ø0.409)	Hole I Ø10,30 (Ø0.406)
				C 9,52 (0.375)	C 9,53 (0.375)
				Material F40721	Material Cu, Al, Mg alloys

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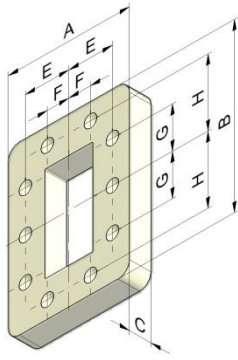
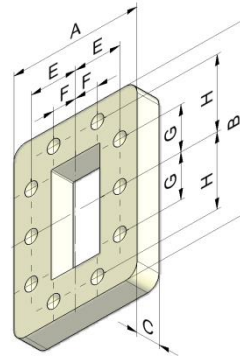
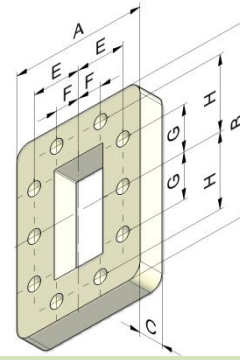
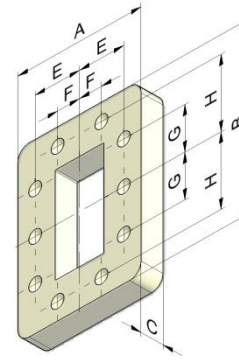
WR 770	R 12	WG 5
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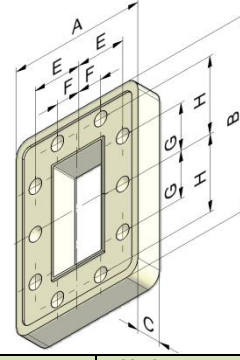
	canceled w/o replacement		
	USA	International	USA
	plain	plain	plain
	MIL-F-3922/76	IEC 60154-2:2016	EIA RS-271-A
	M3922/76-01	60154 IEC-UDR 12	CPR 770 F
			
	A 187,33 (7.375)	A 187,36 (7.376)	A 187,33 (7.375)
	B 284,96 (11.219)	B 284,98 (11.220)	B 284,96 (11.219)
	E 74,30 (2.925)	E 74,30 (2.925)	E 74,30 (2.925)
	F 25,40 (1.000)	F 25,40 (1.000)	F 25,40 (1.000)
	G 101,60 (4.000)	G 101,60 (4.000)	G 101,60 (4.000)
	H 123,19 (4.850)	H 123,19 (4.850)	H 123,19 (4.850)
	D 50,80 (2.000)	D 50,80 (2.000)	D 50,80 (2.000)
	Hole I Ø10,30 (Ø0.406)	Hole I Ø10,40 (Ø0.409)	Hole I Ø10,30 (Ø0.406)
	C 12,7 (0.500)	C 9,52 (0.375)	C 9,53 (0.375)
	Material Al alloy	Material	Material Cu, Al, Mg alloys

		International	USA
		sealing groove	sealing groove
		IEC 60154-2:2016	EIA RS-271-A
		60154 IEC-PDR 12	CPR 770 G
			
		A 187,36 (7.376)	A 187,33 (7.375)
		B 284,98 (11.220)	B 284,96 (11.219)
		E 74,30 (2.925)	E 74,30 (2.925)
		F 25,40 (1.000)	F 25,40 (1.000)
		G 101,60 (4.000)	G 101,60 (4.000)
		H 123,19 (4.850)	H 123,19 (4.850)
		D 50,80 (2.000)	D 50,80 (2.000)
		Hole I Ø10,40 (Ø0.409)	Hole I Ø10,30 (Ø0.406)
		C 9,52 (0.375)	C 9,53 (0.375)
		Material	Material Cu, Al, Mg alloys

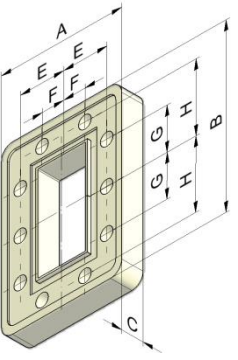
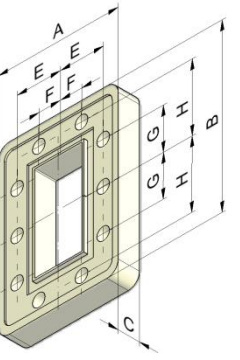
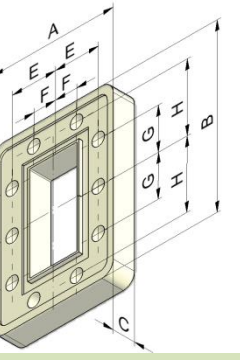
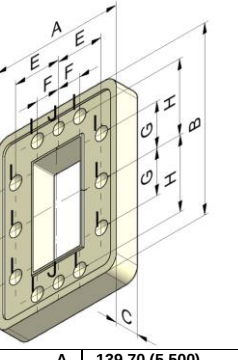
TD-00077

WR 650	R 14	WG 6
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USA plain	USA plain	International plain	USA plain
MIL-DTL-3922/52D M3922/52-001	MIL-DTL-3922/52D M3922/52-002	IEC 60154-2:2016 60154 IEC-UDR 14	EIA RS-271-A CPR 650 F
			
A 138,18 (5.440)	A 138,18 (5.440)	A 138,10 (5.440)	A 138,09 (5.437)
B 220,73 (8.690)	B 220,73 (8.690)	B 220,70 (8.690)	B 220,65 (8.687)
E 58,70 (2.311)	E 58,70 (2.311)	E 58,69 (2.311)	E 58,70 (2.311)
F 31,72 (1.249)	F 31,72 (1.249)	F 31,73 (1.249)	F 31,73 (1.249)
G 60,30 (2.374)	G 60,30 (2.374)	G 60,30 (2.374)	G 60,30 (2.374)
H 100,00 (3.937)	H 100,00 (3.937)	H 100,00 (3.937)	H 100,00 (3.937)
Hole I Ø8,38 (Ø0.330)	Hole I Ø8,38 (Ø0.330)	Hole I Ø8,00 (Ø0.315)	Hole I Ø8,33 (Ø0.328)
Hole J	Hole J	Hole J	Hole J
C 12,70 (0.500)	C 12,70 (0.500)	C 12,70 (0.500)	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
		F41114, F41448	
UG-1714/U	UG-1720/U		

		International plain	
		IEC 60154-2:1997 60154 IEC-RDR 14	
			
		A 138,10	
		B 220,70	
		E 58,69	
		F 31,73	
		G 60,30	
		H 100,00	
		Hole I Ø8,00	
		Hole J	
		C 12,70	
		Material	

TD-00077

WR 650		R 14		WG 6	
USA		USA		International	
sealing groove		sealing groove		sealing groove	
MIL-DTL-3922/52D		MIL-DTL-3922/52D		IEC 60154-2:2016	
M3922/52-023		M3922/52-024		60154 IEC-PDR 14	
					
A	138,18 (5.440)	A	138,18 (5.440)	A	138,10 (5.440)
B	220,73 (8.690)	B	220,73 (8.690)	B	220,70 (8.690)
E	58,70 (2.311)	E	58,70 (2.311)	E	58,69 (2.311)
F	31,72 (1.249)	F	31,72 (1.249)	F	31,73 (1.249)
G	60,30 (2.374)	G	60,30 (2.374)	G	60,30 (2.374)
H	100,00 (3.937)	H	100,00 (3.937)	H	100,00 (3.937)
Hole I	Ø8,38 (Ø0.330)	Hole I	Ø8,38 (Ø0.330)	Hole I	Ø8,00 (Ø0.315)
Hole J		Hole J		Hole J	
C	12,70 (0.500)	C	12,70 (0.500)	C	12,70 (0.500)
Material	Cu alloy	Material	Al alloy	Material	
UG-1362/U		UG-1343/U		F40309	
				F40791	
UK		inactive for new design		inactive for new design	
plain		USA		USA	
DEF-5352:1958		sealing groove		sealing groove	
TR/D610431		MIL-F-3922/58D		MIL-F-3922/58D	
		M3922/58-007		M3922/58-008	
A	139,70 (5.500)	A	138,13 (5.438)	A	138,13 (5.438)
B	222,25 (8.875)	B	220,68 (8.688)	B	220,68 (8.688)
E	58,72 (2.312)	E	58,70 (2.311)	E	58,70 (2.311)
F	31,75 (1.250)	F	31,72 (1.249)	F	31,72 (1.249)
G	60,33 (2.375)	G	60,30 (2.374)	G	60,30 (2.374)
H	100,00 (3.937)	H	100,00 (3.937)	H	100,00 (3.937)
Hole I		Hole I	Ø8,33 (Ø0.328)	Hole I	Ø8,33 (Ø0.328)
Hole J		Hole J	Ø6,35 (Ø0.250)	Hole J	Ø6,35 (Ø0.250)
C		C	12,70 (0.500)	C	12,70 (0.500)
Material	Cu alloy	Material	Cu alloy	Material	Al alloy
NSN 5985-99-083-1573		UG-417B/U		UG-418B/U	

TD-00077

WR 510	R 18	WG 7
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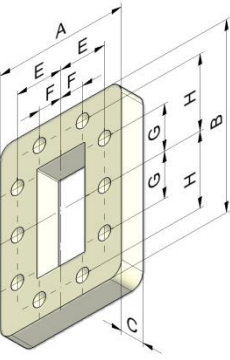
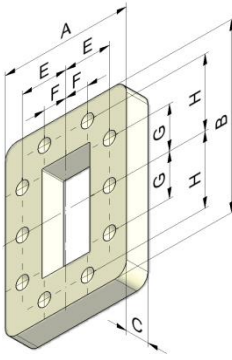
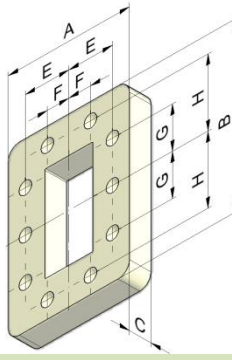
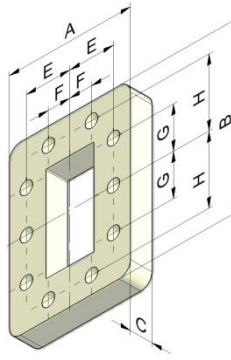
USA plain	USA plain	International plain	USA plain
MIL-DTL-3922/52D M3922/52-003	MIL-DTL-3922/52D M3922/52-004	IEC 60154-2:2016 60154 IEC-UDR 18	EIA RS-271-A CPR 510 F
A 117,35 (4.62)	A 117,35 (4.620)	A 120,00 (4.720)	A 117,48 (4.625)
B 181,68 (7.16)	B 181,68 (7.160)	B 185,00 (7.280)	B 181,76 (7.158)
E 48,90 (1.925)	E 48,90 (1.925)	E 50,04 (1.970)	E 48,90 (1.925)
F 26,19 (1.031)	F 26,19 (1.031)	F 25,02 (0.985)	F 26,19 (1.031)
G 50,47 (1.987)	G 50,47 (1.987)	G 50,04 (1.973)	G 50,47 (1.987)
H 81,28 (3.200)	H 81,28 (3.20)	H 82,50 (3.248)	H 81,28 (3.200)
Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.266)	Hole I Ø8,00 (Ø0.315)	Hole I Ø6,76 (Ø0.266)
Hole J	Hole J	Hole J	Hole J
C 12,70 (0.500)	C 12,70 (0.50)	C 12,70 (0.500)	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
UG-1715/U	UG-1717/U		

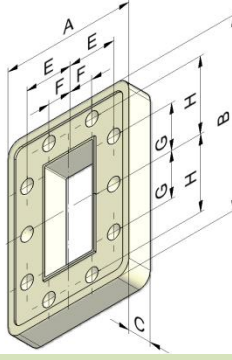
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		IEC 60154-2:1997 60154 IEC-RDR 18	
		A 120	
		B 185	
		E 50,04	
		F 25,02	
		G 50,04	
		H 82,50	
		Hole I Ø8,00	
		Hole J	
		C 12,70	
		Material	

[illegible]

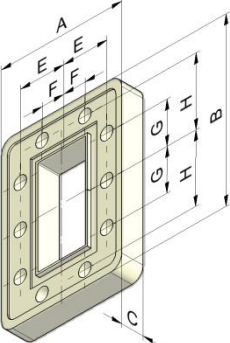
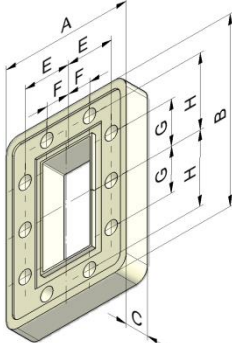
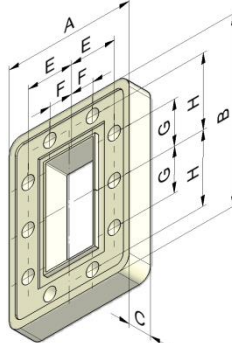
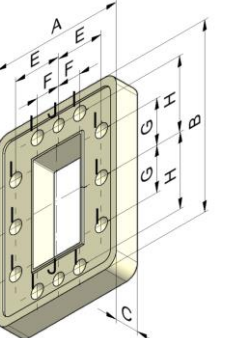
TD-00077

WR 430	R 22	WG 8
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USA plain	USA plain	International plain	USA plain
MIL-DTL-3922/52D M3922/52-005	MIL-DTL-3922/52D M3922/52-006	IEC 60154-2:2016 60154 IEC-UDR 22	EIA RS-271-A CPR 430 F
			
A 106,43 (4.190)	A 106,43 (4.190)	A 106,40 (4.190)	A 106,35 (4.187)
B 161,04 (6.340)	B 161,04 (6.340)	B 161,10 (6.340)	B 161,14 (6.344)
E 43,69 (1.720)	E 43,69 (1.720)	E 43,69 (1.720)	E 43,69 (1.720)
F 23,82 (0.938)	F 23,82 (0.938)	F 23,82 (0.938)	F 23,83 (0.938)
G 45,39 (1.787)	G 45,39 (1.787)	G 45,39 (1.787)	G 45,39 (1.787)
H 71,00 (2.795)	H 71,00 (2.795)	H 70,99 (2.795)	H 70,99 (2.795)
Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.266)	Hole I Ø6,35 (Ø0.250)	Hole I Ø6,76 (Ø0.266)
Hole J	Hole J	Hole J	Hole J
C 12,70 (0.500)	C 12,70 (0.500)	C 12,70 (0.500)	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
UG-1716/U	UG-1711/U	F40740	

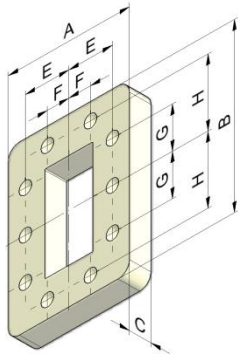
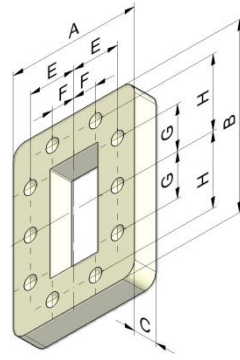
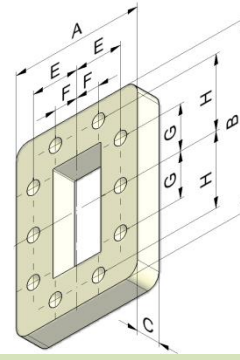
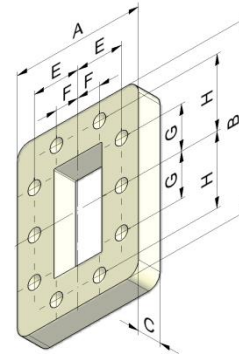
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		IEC 60154-2:1997 60154 IEC-RDR 22	
			
		A 106,40	
		B 161,10	
		E 43,69	
		F 23,82	
		G 45,39	
		H 70,99	
		Hole I Ø6,35	
		Hole J	
		C 12,70	
		Material	

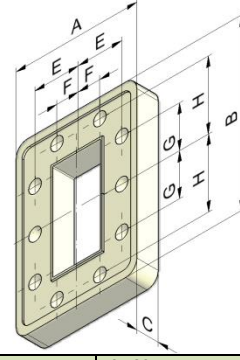
TD-00077

WR 430		R 22		WG 8	
USA		USA		International	
sealing groove		sealing groove		sealing groove	
MIL-DTL-3922/52D		MIL-DTL-3922/52D		IEC 60154-2:2016	
M3922/52-027		M3922/52-028		60154 IEC-PDR 22	
					
A	106,43 (4.190)	A	106,43 (4.190)	A	106,40 (4.190)
B	161,04 (6.340)	B	161,04 (6.340)	B	161,10 (6.344)
E	43,69 (1.720)	E	43,69 (1.720)	E	43,69 (1.720)
F	23,82 (0.938)	F	23,82 (0.938)	F	23,82 (0.938)
G	45,39 (1.787)	G	45,39 (1.787)	G	45,39 (1.787)
H	71,00 (2.795)	H	71,00 (2.795)	H	70,99 (2.795)
Hole I	Ø6,76 (Ø0.266)	Hole I	Ø6,76 (Ø0.266)	Hole I	Ø6,35 (Ø0.250)
Hole J		Hole J		Hole J	
C	12,70 (0.500)	C	12,70 (0.500)	C	12,70 (0.500)
Material	Cu alloy	Material	Al alloy	Material	
UG-1344/U		UG-1345/U		F40308	
				F40316	
UK		inactive for new design		inactive for new design	
plain		USA		USA	
DEF-5352:1958		sealing groove		sealing groove	
TR/C610425		MIL-F-3922/58D		MIL-F-3922/58D	
		M3922/58-009		M3922/58-010	
A	107,95 (4.250)	A	106,38 (4.188)	A	106,38 (4.188)
B	162,72 (6.406)	B	161,44 (6.344)	B	161,44 (6.344)
E	43,69 (1.720)	E	43,69 (1.720)	E	43,69 (1.720)
F	23,83 (0.938)	F	23,82 (0.938)	F	23,82 (0.938)
G	45,39 (1.787)	G	45,39 (1.787)	G	45,39 (1.787)
H	70,99 (2.795)	H	70,99 (2.795)	H	70,99 (2.795)
Hole I		Hole I	Ø6,71 (Ø0.264)	Hole I	Ø6,71 (Ø0.264)
Hole J		Hole J	Ø6,35 (Ø0.250)	Hole J	Ø6,35 (Ø0.250)
C		C	12,70 (0.500)	C	12,70 (0.500)
Material	Cu alloy	Material	Cu alloy	Material	Al alloy
NSN 5985-99-083-1578		UG-435B/U		UG-437B/U	

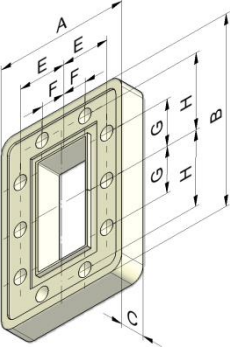
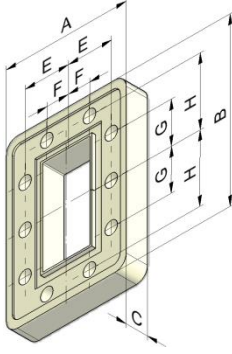
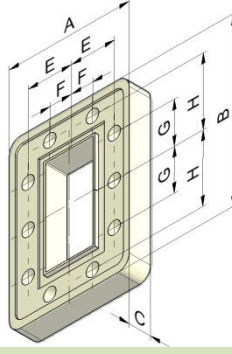
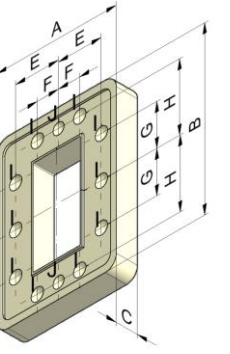
TD-00077

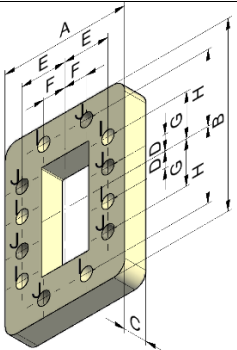
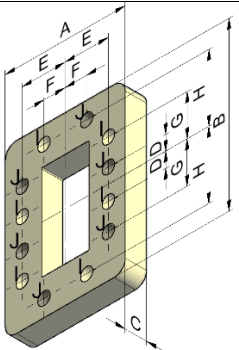
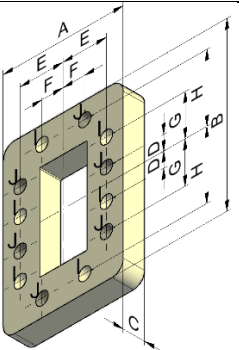
WR 340	R 26	WG 9A
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USA plain MIL-DTL-3922/52D M3922/52-007	USA plain MIL-DTL-3922/52D M3922/52-008	International plain IEC 60154-2:2016 60154 IEC-UDR 26	USA plain EIA RS-271-A CPR 340 F
			
A 95,25 (3.750)	A 95,25 (3.750)	A 95,30 (3.750)	A 95,25 (3.750)
B 138,18 (5.440)	B 138,18 (5.440)	B 138,10 (5.440)	B 138,10 (5.437)
E 38,10 (1.500)	E 38,10 (1.500)	E 38,10 (1.500)	E 38,10 (1.500)
F 17,04 (0.671)	F 17,04 (0.671)	F 17,04 (0.671)	F 17,04 (0.671)
G 34,14 (1.344)	G 34,14 (1.344)	G 34,14 (1.344)	G 34,14 (1.344)
H 59,54 (2.344)	H 59,54 (2.344)	H 59,53 (2.344)	H 59,54 (2.344)
Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.266)	Hole I Ø6,35 (Ø0.250)	Hole I Ø6,76 (Ø0.266)
Hole J	Hole J	Hole J	Hole J
C 12,70 (0.500)	C 12,70 (0.500)	C 12,70 (0.500)	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
UG-1712/U	UG-1713/U	F40512	F40863, F41180

		International plain IEC 60154-2:1997 60154 IEC-RDR 26	
			
		A 95,30	
		B 138,10	
		E 38,10	
		F 17,04	
		G 34,14	
		H 59,53	
		Hole I Ø6,35	
		Hole J	
		C 12,70	
		Material	

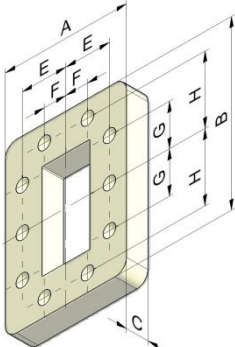
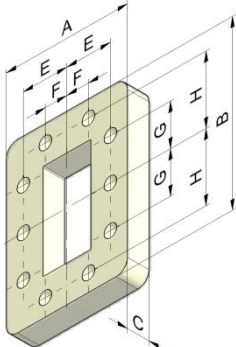
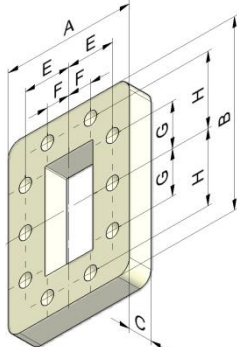
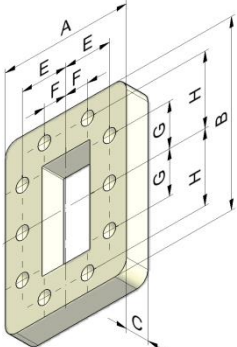
TD-00077

WR 340		R 26		WG 9A	
USA		USA		International	
sealing groove		sealing groove		sealing groove	
MIL-DTL-3922/52D		MIL-DTL-3922/52D		IEC 60154-2:2016	
M3922/52-029		M3922/52-030		60154 IEC-PDR 26	
					
A	95,25 (3.750)	A	95,25 (3.750)	A	95,30 (3.750)
B	138,18 (5.440)	B	138,18 (5.440)	B	138,10 (5.440)
E	38,10 (1.500)	E	38,10 (1.500)	E	38,10 (1.500)
F	17,04 (0.671)	F	17,04 (0.671)	F	17,04 (0.671)
G	34,14 (1.344)	G	34,14 (1.344)	G	34,14 (1.344)
H	59,54 (2.344)	H	59,54 (2.344)	H	59,53 (2.344)
Hole I	Ø6,76 (Ø0.266)	Hole I	Ø6,76 (Ø0.266)	Hole I	Ø6,35 (Ø0.250)
Hole J		Hole J		Hole J	
C	12,70 (0.500)	C	12,70 (0.500)	C	12,70 (0.500)
Material	Cu alloy	Material	Al alloy	Material	
UG-1346/U		UG-1347/U		F40477	
				F40863	
UK		inactive for new design		inactive for new design	
plain		USA		USA	
DEF-5352:1958		sealing groove		sealing groove	
TR/C610419		MIL-F-3922/58D		MIL-F-3922/58D	
		M3922/58-011		M3922/58-012	
A	96,84 (3.813)	A	95,25 (3.750)	A	95,25 (3.750)
B	139,70 (5.500)	B	138,13 (5.438)	B	138,13 (5.438)
E	38,10 (1.500)	E	38,10 (1.500)	E	38,10 (1.500)
F	17,07 (0.672)	F	17,04 (0.671)	F	17,04 (0.671)
G	34,14 (1.344)	G	34,14 (1.344)	G	34,14 (1.344)
H	59,54 (2.344)	H	59,54 (2.344)	H	59,54 (2.344)
Hole I		Hole I	Ø6,71 (Ø0.264)	Hole I	Ø6,71 (Ø0.264)
Hole J		Hole J	Ø6,35 (Ø0.250)	Hole J	Ø6,35 (Ø0.250)
C		C	12,70 (0.500)	C	12,70 (0.500)
Material	Cu alloy	Material	Cu alloy	Material	Al alloy
NSN 5985-99-011-9656		UG-553A/U		UG-554A/U	

canceled w/o replacement		canceled w/o replacement				
USA		USA		USA		
plain		plain		Plain		
MIL-F-3922/64B		MIL-F-3922/64B		EIA RS-166		
M3922/64-001		M3922/64-002		CMR 284		
						
A	59,54 (2.344)	A	59,54 (2.344)		A	59,54 (2.344)
B	97,64 (3.844)	B	97,64 (3.844)		B	97,64 (3.844)
E	25,27 (0.995)	E	25,27 (0.995)		E	25,27 (0.995)
F	8,51 (0.335)	F	8,51 (0.335)		F	8,51 (0.335)
G	31,01 (1.221)	G	31,01 (1.221)		G	31,01 (1.221)
H	44,32 (1.745)	H	44,32 (1.745)		H	44,32 (1.745)
D	10,34 (0.407)	D	10,34 (0.407)		D	10,34 (0.407)
Hole I	0.164-32 UNC-2B	Hole I	0.164-32 UNC-2B		Hole I	0.164-32 UNC-2B
Hole J	Ø4,39 (Ø0.173)	Hole J	Ø4,39 (Ø0.173)		Hole J	Ø4,39 (Ø0.173)
C	8,89 (0.350)	C	8,89 (0.350)		C	8,89 (0.350)
Material	Cu alloy	Material	Al alloy		Material	Cu, Al, Mg alloys
UG-1479/U		UG-1484/U				

TD-00077

WR 284	R 32	WG 10
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USA plain MIL-DTL-3922/52D M3922/52-009	USA plain MIL-DTL-3922/52D M3922/52-010	International plain IEC 60154-2:2016 60154 IEC-UDR 32	USA plain EIA RS-271-A CPR 284 F
			
A 76,20 (3.000) B 114,30 (4.500) E 29,57 (1.164) F 14,68 (0.578) G 32,54 (1.281) H 48,62 (1.914) Hole I Ø6,53 (Ø0.257) Hole J C 9,65 (0.380) Material Cu alloy	A 76,20 (3.000) B 114,30 (4.500) E 29,57 (1.164) F 14,68 (0.578) G 32,54 (1.281) H 48,62 (1.914) Hole I Ø6,53 (Ø0.257) Hole J C 9,65 (0.380) Material Al alloy	A 76,20 (3.000) B 114,30 (4.500) E 29,57 (1.164) F 14,68 (0.578) G 32,54 (1.281) H 48,61 (1.914) Hole I Ø6,35 (Ø0.250) Hole J C 10,00 (0.390) Material	A 76,20 (3.000) B 114,30 (4.500) E 29,57 (0.164) F 14,68 (0.578) G 32,53 (1.281) H 48,62 (1.914) Hole I Ø6,55 (Ø0.258) Hole J C Material Cu, Al, Mg alloys
UG-1724/U	UG-1725/U	F40509	

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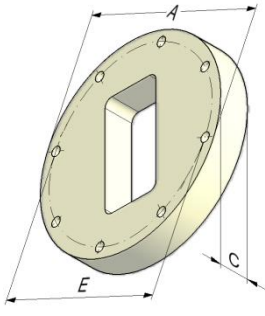
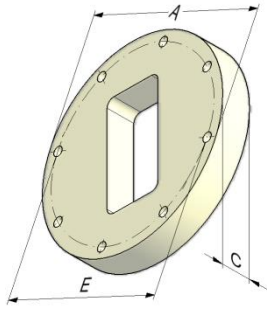
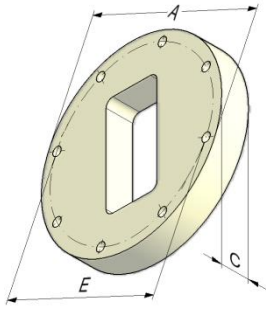
WR 284	R 32	WG 10
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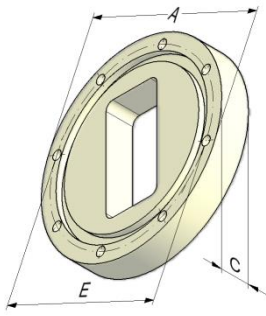
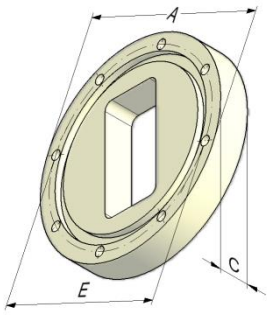
USA sealing groove MIL-DTL-3922/52D M3922/52-031	USA sealing groove MIL-DTL-3922/52D M3922/52-032	International sealing groove IEC 60154-2:2016 60154 IEC-PDR 32	USA sealing groove EIA RS-271-A CPR 284 G
A 76,20 (3.000)	A 76,20 (3.000)	A 76,20 (3.000)	A 76,20 (3.000)
B 114,30 (4.500)	B 114,30 (4.500)	B 114,30 (4.500)	B 114,30 (4.500)
E 29,57 (1.164)	E 29,57 (1.164)	E 29,57 (1.164)	E 29,57 (0.164)
F 14,68 (0.578)	F 14,68 (0.578)	F 14,68 (0.578)	F 14,68 (0.578)
G 32,54 (1.281)	G 32,54 (1.281)	G 32,54 (1.281)	G 32,53 (1.281)
H 48,62 (1.914)	H 48,62 (1.914)	H 48,61 (1.914)	H 48,62 (1.914)
Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,35 (Ø0.250)	Hole I Ø6,55 (Ø0.258)
Hole J	Hole J	Hole J	Hole J
C 9,65 (0.380)	C 9,65 (0.380)	C 10,00 (0.390)	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
UG-1348/U	UG-1349/U	F40465	F40508

UK plain DEF-5352:1958 TR/C610384	UK plain DEF-5352:1958 RR/C610979		
A 82,55 (3.250)	A 84,14 (3.313)		
B 120,65 (4.750)	B 122,24 (4.813)		
E 32,54 (1.281)	E 32,54 (1.281)		
F	F		
G 19,05 (0.750)	G 19,05 (0.750)		
H 51,59 (2.031)	H 51,59 (2.031)		
Hole I	Hole I		
Hole J	Hole J		
C	C		
NSN 5985-99-083-0058	NSN 5985-99-012-2939		

TD-00077

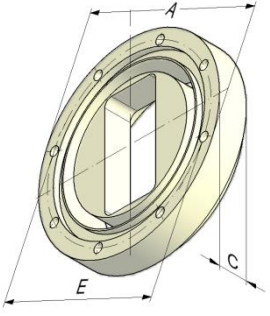
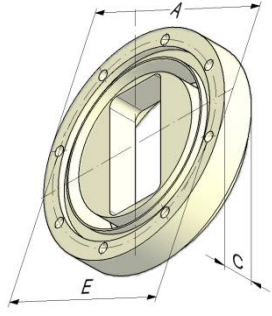
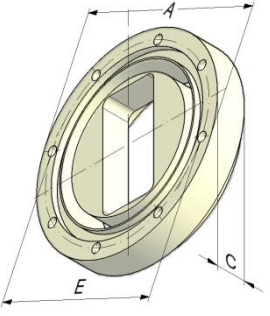
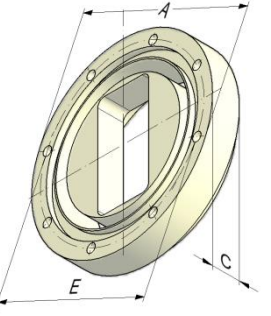
WR 284	R 32	WG 10
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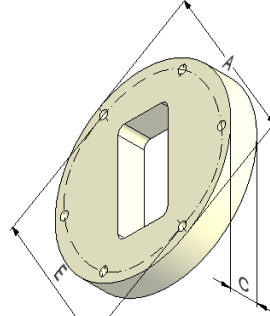
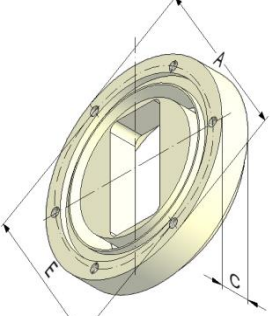
USA plain	USA plain	International plain	
MIL-DTL-3922/56D M3922/56-001	MIL-DTL-3922/56D M3922/56-002	IEC 60154-2:2016 60154 IEC-UAR 32	
			
A 134,95 (5.313)	A 134,95 (5.313)	A 134,90 (5.310)	
B	B	B	
E 120,65 (4.750)	E 120,65 (4.750)	E 120,65 (4.750)	
F	F	F	
G	G	G	
H	H	H	
Hole I 6,53 (0.257)	Hole I 6,53 (0.257)	Hole I 6,35 (0.250)	
Hole J	Hole J	Hole J	
C 6,35 (0.250)	C 6,35 (0.250)	C 7,90 (0.310)	
Material Cu alloy	Material Al alloy	Material	
		F40494	
UG-53/U	UG-584/U		

		International sealing groove IEC 60154-2:2016 60154 IEC-PAR 32	UK sealing groove DEF-5352:1958 TR/B610168
			
		A 134,90 (5.310)	A 134,94 (5.313)
		B	B
		E 120,65 (4.750)	E 120,65 (4.750)
		F	F
		G	G
		H	H
		Hole I 6,35 (0.250)	Hole I
		Hole J	Hole J
		C 7,90 (0.310)	C
		Material	Material Cu alloy
		F40506	NSN 5985-99-083-0010

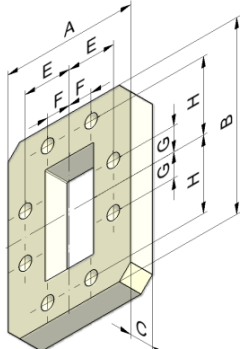
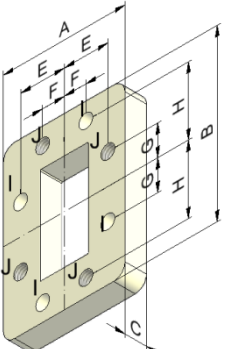
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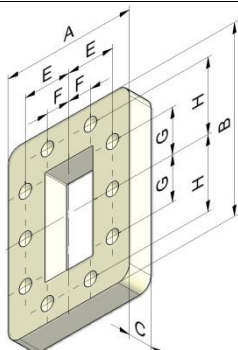
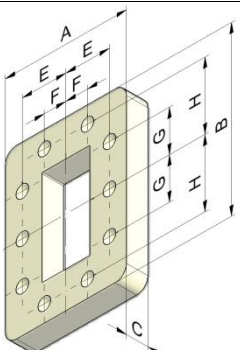
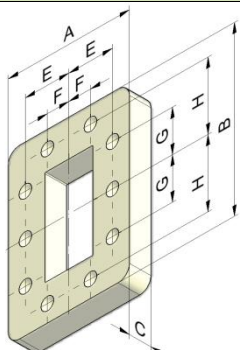
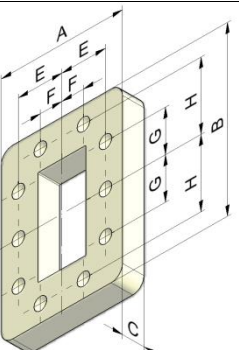
WR 284	R 32	WG 10
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USA	USA	International	UK
choke/sealing groove	choke/sealing groove	choke/sealing groove	choke/sealing groove
MIL-DTL-3922/61E	MIL-DTL-3922/61E	IEC 60154-2:2016	DEF-5352:1958
M3922/61-002	M3922/61-001	60154 IEC-CAR 32	TR/B610167
			
A 134,94 (5.312)	A 134,94 (5.312)	A 134,90 (5.310)	A 134,94 (5.313)
B	B	B	B
E 120,65 (4.750)	E 120,65 (4.750)	E 120,65 (4.750)	E 120,65 (4.750)
F	F	F	F
G	G	G	G
H	H	H	H
Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B	Hole I 6,35 (0.250)	Hole I
Hole J	Hole J	Hole J	Hole J
C 7,95 (0.313)	C 7,95 (0.313)	C 7,90 (0.310)	C
Material Cu alloy	Material Al alloy	Material	Material Cu alloy
		F41135	
UG-54B/U	UG-585A/U		NSN 5985-99-083-0009

UK	UK
plain	choke/sealing groove
DEF-5352:1958	DEF-5352:1958
TR/B610362	TR/B610361
	
A 149,23 (5.875)	A 149,23 (5.875)
B	B
E 136,53 (5.375)	E 136,53 (5.375)
F	F
G	G
H	H
Hole I	Hole I
Hole J	Hole J
C	C
Material Cu alloy	Material Cu alloy
NSN 5985-99-083-1560	NSN 5985-99-083-1558

TD-00077

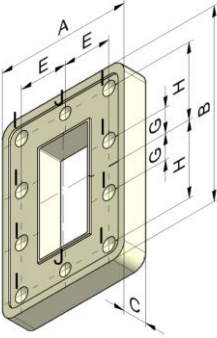
WR 229		R 40		WG 11A	
		International		USA	
		plain		plain	
		IEC 60154-2:2016		EIA RS-166	
		60154 IEC-UER 40		CMR 229	
					
		A	50,80 (2.000)	A	50,80 (2.000)
		B	80,20 (3.157)	B	80,17 (3.156)
		E	21,44 (0.844)	E	21,44 (0.844)
		F	10,33 (0.406)	F	10,31 (0.406)
		G	12,70 (0.500)	G	12,70 (0.500)
		H	36,12 (1.422)	H	36,12 (1.422)
		Hole I	Ø4,00 (Ø0.158)	Hole I	Ø3,73 (Ø0.147)
		Hole J		Hole J	0.138-32 UNC-2B
		C	6,40 (0.252)	C	5,72 (0.225)
		Material		Material	Cu, Al, Mg alloys
		F40501			

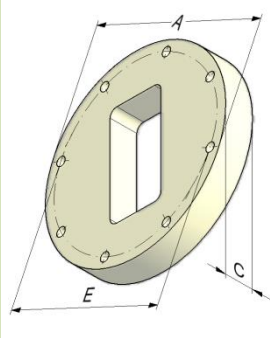
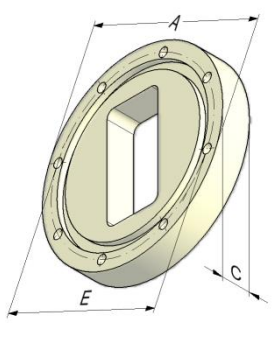
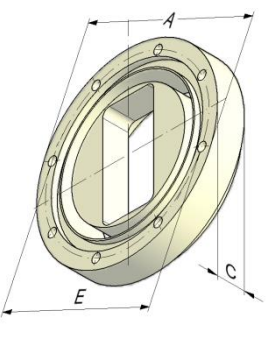
USA		USA		International		USA	
plain		plain		plain		plain	
MIL-DTL-3922/52D		MIL-DTL-3922/52D		IEC 60154-2:2016		EIA RS-271-A	
M3922/52-011		M3922/52-012		60154 IEC-UDR 40		CPR 229 F	
							
A	69,85 (2.750)	A	69,85 (2.750)	A	69,90 (2.750)	A	69,85 (2.750)
B	98,55 (3.880)	B	98,55 (3.880)	B	98,40 (3.870)	B	98,43 (3.875)
E	26,67 (1.050)	E	26,67 (1.050)	E	26,67 (1.050)	E	26,67 (1.050)
F	12,70 (0.500)	F	12,70 (0.500)	F	12,70 (0.500)	F	12,70 (0.500)
G	27,18 (1.070)	G	27,18 (1.070)	G	27,18 (1.070)	G	27,18 (1.070)
H	41,15 (1.620)	H	41,15 (1.620)	H	41,15 (1.620)	H	41,15 (1.620)
Hole I	Ø6,53 (Ø0.257)	Hole I	Ø6,53 (Ø0.257)	Hole I	Ø6,35 (Ø0.250)	Hole I	Ø6,58 (Ø0.259)
Hole J		Hole J		Hole J		Hole J	
C	9,65 (0.380)	C	9,65 (0.380)	C	10,00 (0.390)	C	
Material	Cu alloy	Material	Al alloy	Material		Material	Cu, Al, Mg alloys
UG-1726/U		UG-1727/U		F40521			

USA	USA	International	USA
sealing groove	sealing groove	sealing groove	sealing groove
MIL-DTL-3922/52D	MIL-DTL-3922/52D	IEC 60154-2:2016	EIA RS-271-A
M3922/52-033	M3922/52-034	60154 IEC-PDR 40	CPR 229 G
A 69,85 (2.750)	A 69,85 (2.750)	A 69,90 (2.750)	A 69,85 (2.750)
B 98,55 (3.880)	B 98,55 (3.880)	B 98,40 (3.870)	B 98,43 (3.875)
E 26,67 (1.050)	E 26,67 (1.050)	E 26,67 (1.050)	E 26,67 (1.050)
F 12,70 (0.500)	F 12,70 (0.500)	F 12,70 (0.500)	F 12,70 (0.500)
G 27,18 (1.070)	G 27,18 (1.070)	G 27,18 (1.070)	G 27,18 (1.070)
H 41,15 (1.620)	H 41,15 (1.620)	H 41,15 (1.620)	H 41,15 (1.620)
Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,35 (Ø0.250)	Hole I Ø6,58 (Ø0.259)
Hole J	Hole J	Hole J	Hole J
C 9,65 (0.380)	C 9,65 (0.380)	C 10,00 (0.390)	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
UG-1350/U	UG-1351/U	F40363	F40359

TD-00077

WR 229	R 40	WG 11A
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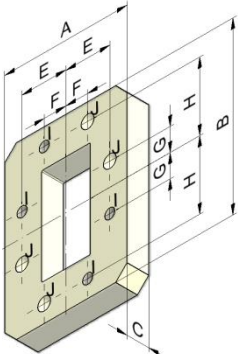
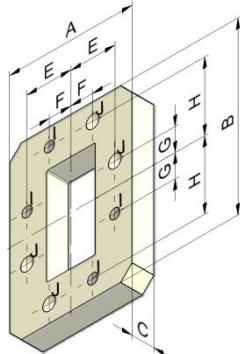
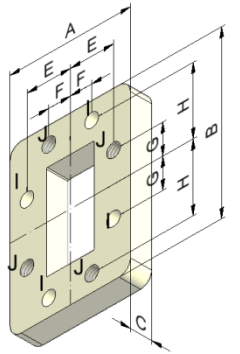
UK			
plain			
DEF-5352:1958			
RR/C830981			
			
A	71,44 (2.813)		
B	103,19 (4.063)		
E	25,40 (1.000)		
F			
G	14,30 (0.563)		
H	41,28 (1.625)		
Hole I			
Hole J			
C			
Material	Cu alloy		
NSN 5985-99-011-9657			

International	International	International	
plain	sealing groove	choke/sealing groove	
IEC 60154-2:1997	IEC 60154-2:1997	IEC 60154-2:1997	
60154 IEC-UAR 40	60154 IEC-PAR 40	60154 IEC-CAR 40	
			
A	115,60	A	115,60
B		B	
E	101,38	E	101,38
F		F	
G		G	
H		H	
Hole I	6,35	Hole I	6,35
Hole J		Hole J	
C	7,90	C	7,90
Material		Material	

TD-00077

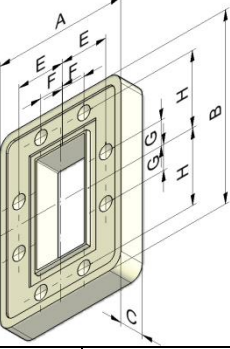
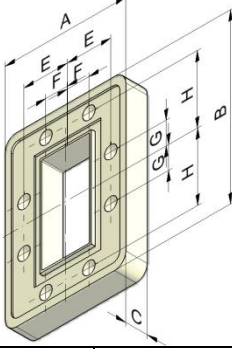
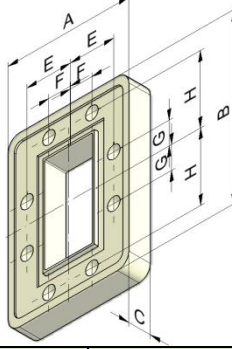
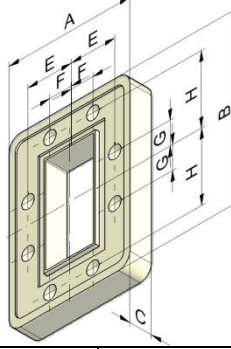
WR 187	R 48	WG 12
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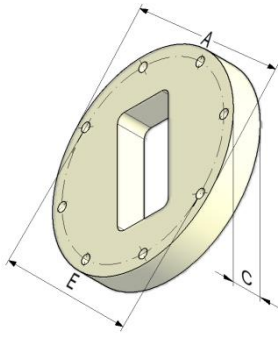
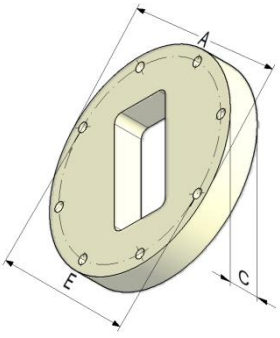
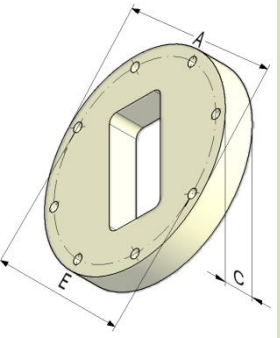
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inactive for new design		inactive for new design				
USA		USA			USA	
plain		plain			plain	
MIL-F-3922/63B		MIL-F-3922/63B			EIA RS-166	
M3922/63-001		M3922/63-005			CMR 187	
						
A	45,24 (1.781)	A	45,24 (1.781)		A	45,24 (1.781)
B	70,64 (2.781)	B	70,64 (2.781)		B	70,64 (2.781)
E	18,16 (0.715)	E	18,16 (0.715)		E	18,16 (0.715)
F	11,89 (0.468)	F	11,89 (0.468)		F	11,89 (0.468)
G	10,29 (0.405)	G	10,29 (0.405)		G	10,29 (0.405)
H	30,86 (1.215)	H	30,86 (1.215)		H	30,86 (1.215)
Hole I	0.138-32 UNC-2B	Hole I	0.138-32 UNC-2B		Hole I	Ø3,73 (Ø0.147)
Hole J	Ø3,73 (Ø0.147)	Hole J	Ø3,73 (Ø0.147)		Hole J	0.138-32 UNC-2B
C	5,72 (0.225)	C	5,72 (0.225)		C	5,72 (0.225)
Material	Cu alloy	Material	Al alloy		Material	Cu, Al, Mg alloys
UG-1475/U		UG-1480/U				

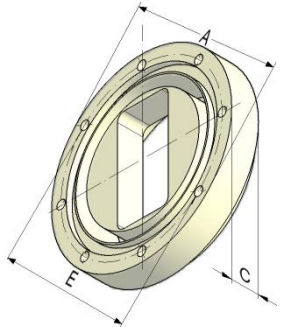
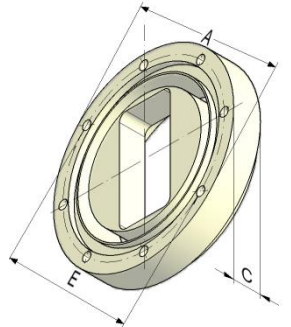
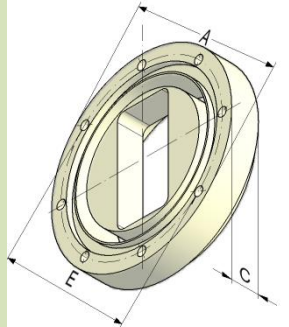
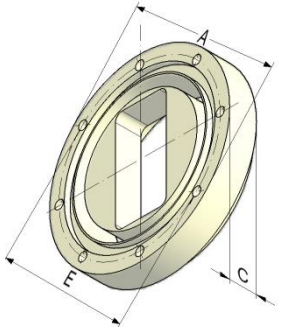
TD-00077

WR 187	R 48	WG 12
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USA	USA	International	USA
sealing groove	sealing groove	sealing groove	sealing groove
MIL-DTL-3922/52D	MIL-DTL-3922/52D	IEC 60154-2:2016	EIA RS-271-A
M3922/52-035	M3922/52-036	60154 IEC-PDR 48	CPR 187 G
			
A 63,50 (2.500)	A 63,50 (2.500)	A 63,50 (2.500)	A 63,50 (2.500)
B 88,90 (3.500)	B 88,90 (3.500)	B 88,90 (3.500)	B 88,90 (3.500)
E 23,22 (0.914)	E 23,22 (0.914)	E 23,22 (0.914)	E 23,22 (0.914)
F 11,12 (0.438)	F 11,12 (0.438)	F 11,12 (0.438)	F 11,11 (0.438)
G 14,30 (0.563)	G 14,30 (0.563)	G 14,30 (0.563)	G 14,29 (0.563)
H 35,92 (1.414)	H 35,92 (1.414)	H 35,92 (1.414)	H 35,92 (1.414)
Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,35 (Ø0.250)	Hole I Ø6,55 (Ø0.258)
Hole J	Hole J	Hole J	Hole J
C 9,65 (0.380)	C 9,65 (0.380)	C 10,00 (0.390)	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
UG-1352/U	UG-1353/U	F40480	F41633

inactive for new design	inactive for new design		
USA	USA	International	
plain	plain	plain	
MIL-DTL-3922/57D	MIL-DTL-3922/57D	IEC 60154-2:2016	
M3922/57-001	M3922/57-002	60154 IEC-UAR 48	
			
A 92,08 (3.625)	A 92,08 (3.625)	A 92,20 (3.630)	
B	B	B	
E 82,55 (3.250)	E 82,55 (3.250)	E 82,55 (3.250)	
F	F	F	
G	G	G	
H	H	H	
Hole I Ø5,05 (Ø 0.199)	Hole I Ø5,05 (Ø 0.199)	Hole I Ø5,00 (Ø 0.197)	
Hole J	Hole J	Hole J	
C 6,35 (0.250)	C 6,35 (0.250)	C 6,40 (0.250)	
Material Al alloy	Material Cu alloy	Material	
UG-407/U	UG-149A/U	F40495	

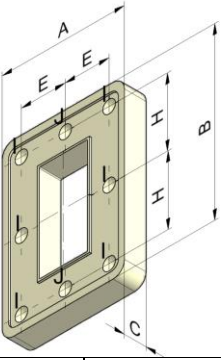
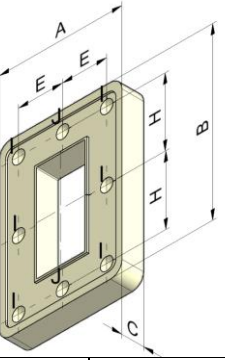
WR 187 **R 48** **WG 12**

USA	USA	International	UK
choke/sealing groove	choke/sealing groove	choke/sealing groove	choke/sealing groove
MIL-DTL-3922/62D	MIL-DTL-3922/62D	IEC 60154-2:2016	DEF-5352:1958
M3922/62-002	M3922/62-001	60154 IEC-CAR 48	TR/B610099
			
A 92,08 (3.625)	A 92,08 (3.625)	A 92,20 (3.630)	A 92,08 (3.625)
B	B	B	B
E 82,55 (3.250)	E 82,55 (3.250)	E 82,55 (3.250)	E 82,55 (3.250)
F	F	F	F
G	G	G	G
H	H	H	H
Hole I 0.190-32 UNF-2A	Hole I 0.190-32 UNF-2A	Hole I Ø5,00 (Ø 0.197)	Hole I
Hole J	Hole J	Hole J	Hole J
C 6,35 (0.250)	C 6,35 (0.250)	C 6,40 (0.250)	C
Material Cu alloy	Material Al alloy	Material	Material Cu alloy
UG-148C/U	UG-406B/U	F41175	NSN 5985-99-083-0041

TD-00077

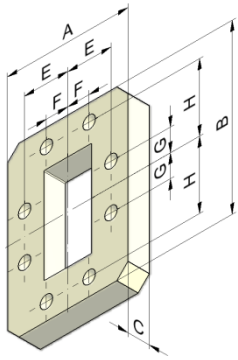
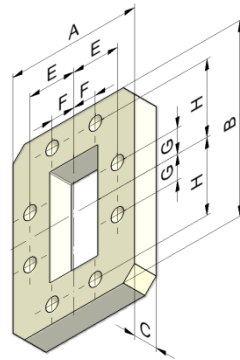
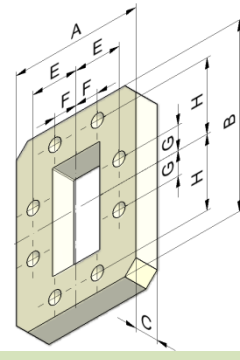
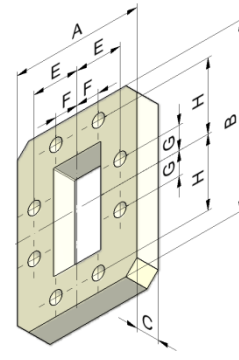
WR 159	R 58	WG 13
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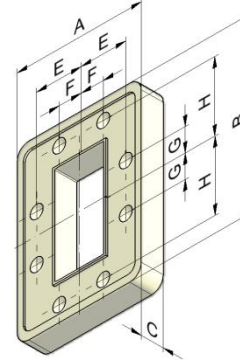
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UK	UK		
plain	plain		
DEF-5352:1958	DEF-5352:1958		
RR/B610729	RR/B610983		
			
A 58,74 (2.313)	A 58,74 (2.313)		
B 77,79 (3.063)	B 77,79 (3.063)		
E 21,59 (0.850)	E 21,59 (0.850)		
F	F		
G	G		
H 30,99 (1.220)	H 30,99 (1.220)		
Hole I	Hole I		
Hole J	Hole J		
C	C		
Material Cu alloy	Material Al alloy		
NSN 5985-99-083-1602	NSN 5985-99-083-0129		

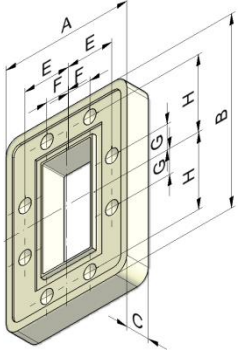
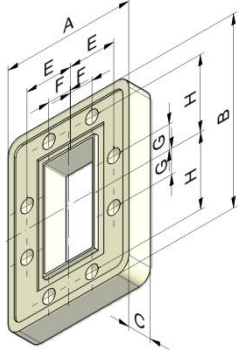
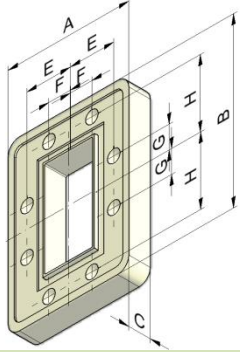
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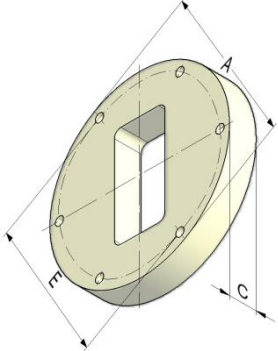
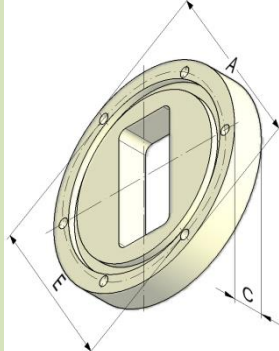
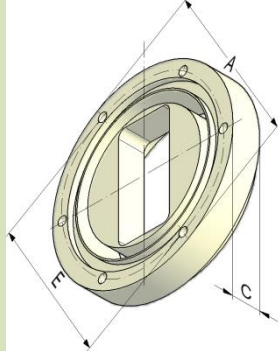
WR 159	R 58	WG 13
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USA plain MIL-DTL-3922/52D M3922/52-015	USA plain MIL-DTL-3922/52D M3922/52-016	International plain IEC 60154-2:2016 60154 IEC-UDR 58	USA plain EIA RS-271-A CPR 159 F
			
A 61,98 (2.440)	A 61,98 (2.440)	A 61,90 (2.440)	A 61,91 (2.428)
B 81,03 (3.190)	B 81,03 (3.190)	B 81,00 (3.190)	B 80,95 (3.187)
E 22,22 (0.875)	E 22,22 (0.875)	E 22,23 (0.875)	E 22,23 (0.875)
F 9,52 (0.375)	F 9,52 (0.375)	F 9,52 (0.375)	F 9,52 (0.375)
G 12,70 (0.500)	G 12,70 (0.500)	G 12,70 (0.500)	G 12,70 (0.500)
H 32,33 (1.273)	H 32,33 (1.273)	H 32,33 (1.273)	H 32,33 (1.273)
Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,35 (Ø0.250)	Hole I Ø6,53 (Ø0.257)
Hole J	Hole J	Hole J	Hole J
C 9,65 (0.380)	C 9,65 (0.380)	C 10,00 (0.390)	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
UG-1730/U	UG-1731/U	F40782	

		International plain IEC 60154-2:1997 60154 IEC-RDR 58	
			
		A 61,90	
		B 81,00	
		E 22,23	
		F 9,52	
		G 12,70	
		H 32,33	
		Hole I Ø6,35	
		Hole J	
		C 10,00	
		Material	

TD-00077

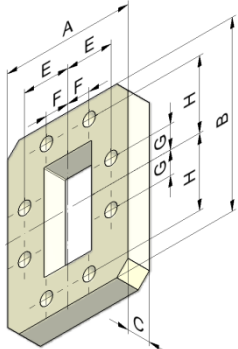
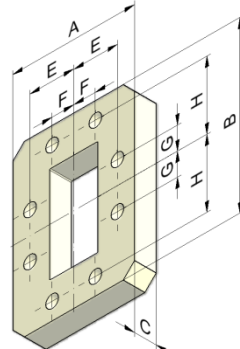
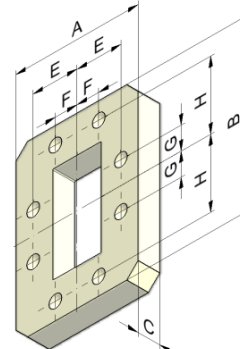
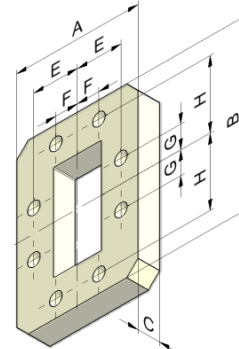
WR 159		R 58		WG 13	
USA		USA		International	
sealing groove		sealing groove		sealing groove	
MIL-DTL-3922/52D		MIL-DTL-3922/52D		IEC 60154-2:2016	
M3922/52-037		M3922/52-038		60154 IEC-PDR 58	
					
A	61,98 (2.440)	A	61,98 (2.440)	A	61,90 (2.440)
B	81,03 (3.190)	B	81,03 (3.190)	B	81,00 (3.190)
E	22,22 (0.875)	E	22,22 (0.875)	E	22,23 (0.875)
F	9,52 (0.375)	F	9,52 (0.375)	F	9,52 (0.375)
G	12,70 (0.500)	G	12,70 (0.500)	G	12,70 (0.500)
H	32,33 (1.273)	H	32,33 (1.273)	H	32,33 (1.273)
Hole I	Ø6,53 (Ø0.257)	Hole I	Ø6,53 (Ø0.257)	Hole I	Ø6,35 (Ø0.250)
Hole J		Hole J		Hole J	
C	9,65 (0.380)	C	9,65 (0.380)	C	10,00 (0.390)
Material	Cu alloy	Material	Al alloy	Material	
UG-1354/U		UG-1355/U		F40443	
				F40513	

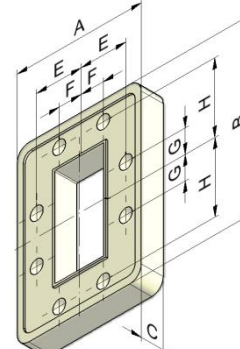
International		International		International	
plain		sealing groove		choke/sealing groove	
IEC 60154-2:2016		IEC 60154-2:2016		IEC 60154-2:2016	
60154 IEC-UAR 58		60154 IEC-PAR 58		60154 IEC-CAR 58	
					
A	85,90 (3.380)	A	85,90 (3.380)	A	85,90 (3.380)
B		B		B	
E	76,20 (3.000)	E	76,20 (3.000)	E	76,20 (3.000)
F		F		F	
G		G		G	
H		H		H	
Hole I	Ø5,00 (Ø0.197)	Hole I	Ø5,00 (Ø0.197)	Hole I	Ø5,00 (Ø0.197)
Hole J		Hole J		Hole J	
C	6,40 (0.250)	C	6,40 (0.250)	C	6,40 (0.250)
Material		Material		Material	
F40734		F40925		F41235	

inactive for new design		inactive for new design		inactive for new design	
USA		USA		USA	
plain		plain		plain	
MIL-F-3922/63B		MIL-F-3922/63B		EIA RS-166	
M3922/63-002		M3922/63-006		CMR 137	
A	38,89 (1.531)	A	38,89 (1.531)	A	38,89 (1.531)
B	57,94 (2.281)	B	57,94 (2.281)	B	57,94 (2.281)
E	14,99 (0.590)	E	14,99 (0.590)	E	14,99 (0.590)
F	8,71 (0.343)	F	8,71 (0.343)	F	8,71 (0.343)
G	8,18 (0.322)	G	8,18 (0.322)	G	8,18 (0.322)
H	24,51 (0.965)	H	24,51 (0.965)	H	24,51 (0.965)
Hole I	0.138-32 UNC-2B	Hole I	0.138-32 UNC-2B	Hole I	Ø3,73 (Ø0.147)
Hole J	Ø3,73 (Ø0.147)	Hole J	Ø3,73 (Ø0.147)	Hole J	0.138-32 UNC-2B
C	5,72 (0.225)	C	5,72 (0.225)	C	5,72 (0.225)
Material	Cu alloy	Material	Al alloy	Material	Cu, Al, Mg alloys
UG-1476/U		UG-1481/U			

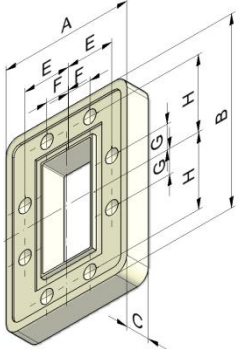
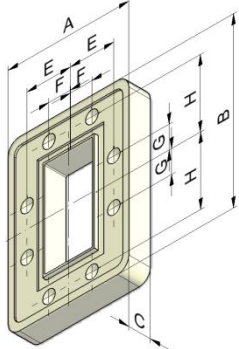
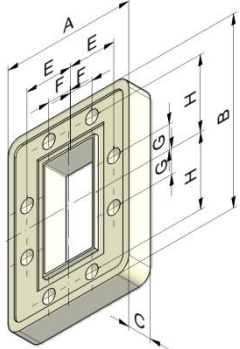
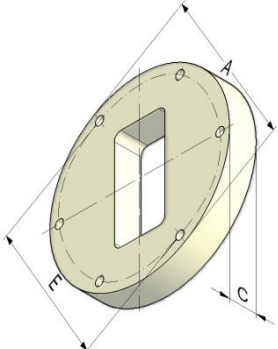
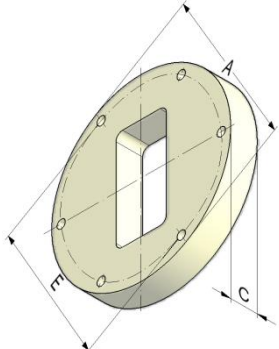
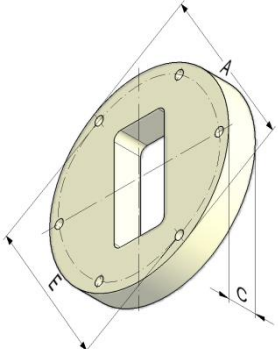
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WR 137	R 70	WG 14	
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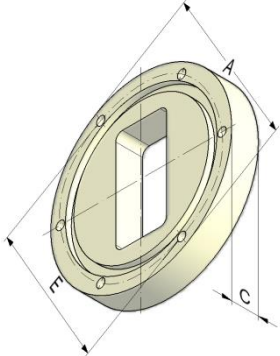
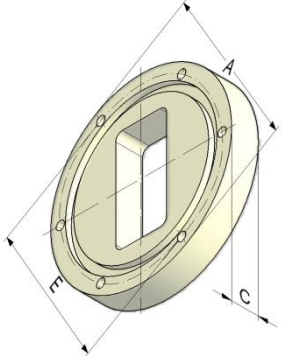
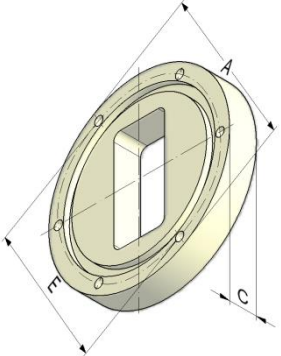
USA plain MIL-DTL-3922/52D M3922/52-017	USA plain MIL-DTL-3922/52D M3922/52-018	International plain IEC 60154-2:2016 60154 IEC-UDR 70	USA plain EIA RS-271-A CPR 137 F
			
A 49,28 (1.940)	A 49,28 (1.940)	A 49,20 (1.940)	A 49,21 (1.938)
B 68,33 (2.690)	B 68,33 (2.690)	B 68,30 (2.690)	B 68,26 (2.688)
E 18,26 (0.719)	E 18,26 (0.719)	E 18,26 (0.719)	E 18,26 (0.719)
F 7,95 (0.313)	F 7,95 (0.313)	F 7,94 (0.313)	F 7,94 (0.125)
G 11,12 (0.438)	G 11,12 (0.438)	G 11,11 (0.438)	G 11,11 (0.438)
H 27,79 (1.094)	H 27,79 (1.094)	H 27,79 (1.094)	H 27,79 (1.094)
Hole I Ø4,98 (Ø0.196)	Hole I Ø4,98 (Ø0.196)	Hole I Ø5,00 (Ø0.197)	Hole I Ø5,03 (Ø0.198)
Hole J	Hole J	Hole J	Hole J
C 6,35 (0.250)	C 6,35 (0.250)	C 10,00 (0.390)	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
UG-1732/U	UG-1733/U	F40750	

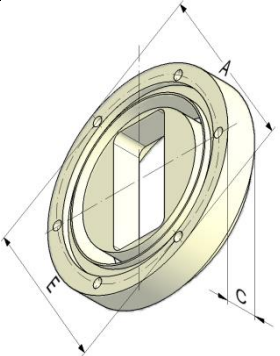
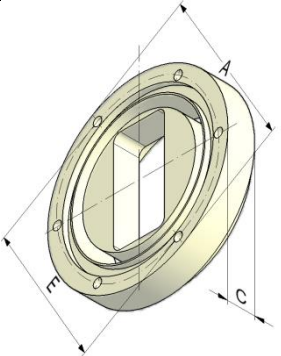
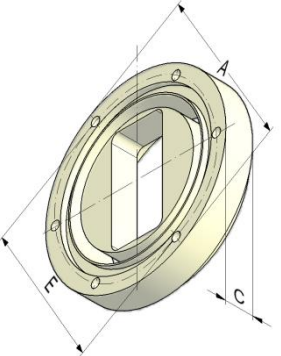
		International plain IEC 60154-2:1997 60154 IEC-RDR 70	
			
		A 49,20	
		B 68,30	
		E 18,26	
		F 7,94	
		G 11,11	
		H 27,79	
		Hole I Ø5,00	
		Hole J	
		C 10,00	
		Material	

TD-00077

WR 137		R 70		WG 14	
USA		USA		International	
sealing groove		sealing groove		sealing groove	
MIL-DTL-3922/52D		MIL-DTL-3922/52D		IEC 60154-2:2016	
M3922/52-039		M3922/52-040		60154 IEC-PDR 70	
					
A	49,28 (1.940)	A	49,28 (1.940)	A	49,20 (1.940)
B	68,33 (2.690)	B	68,33 (2.690)	B	68,30 (2.690)
E	18,26 (0.719)	E	18,26 (0.719)	E	18,26 (0.719)
F	7,95 (0.313)	F	7,95 (0.313)	F	7,94 (0.313)
G	11,12 (0.438)	G	11,12 (0.438)	G	11,11 (0.438)
H	27,79 (1.094)	H	27,79 (1.094)	H	27,79 (1.094)
Hole I	Ø4,98 (Ø0.196)	Hole I	Ø4,98 (Ø0.196)	Hole I	Ø5,00 (Ø0.197)
Hole J		Hole J		Hole J	
C	6,35 (0.250)	C	6,35 (0.250)	C	10,00 (0.390)
Material	Cu alloy	Material	Al alloy	Material	
UG-1356/U		UG-1357/U		F40442	
inactive for new design		inactive for new design		International	
USA		USA		plain	
plain		plain		IEC 60154-2:2016	
MIL-DTL-3922/55D		MIL-DTL-3922/55D		60154 IEC-UAR 70	
M3922/55-001		M3922/55-002			
					
A	79,38 (3.125)	A	79,38 (3.125)	A	79,50 (3.130)
B		B		B	
E	69,85 (2.750)	E	69,85 (2.750)	E	69,85 (2.750)
F		F		F	
G		G		G	
H		H		H	
Hole I	Ø5,05 (Ø0.199)	Hole I	Ø5,05 (Ø0.199)	Hole I	Ø5,00 (Ø0.197)
Hole J		Hole J		Hole J	
C	6,35 (0.250)	C	6,35 (0.250)	C	6,40 (0.250)
Material	Cu alloy	Material	Al alloy	Material	
UG-344/U		UG-441/U		F40340	

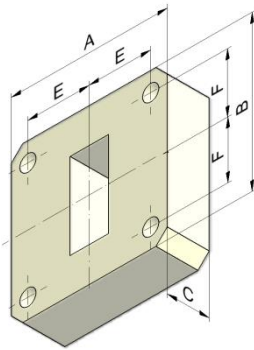
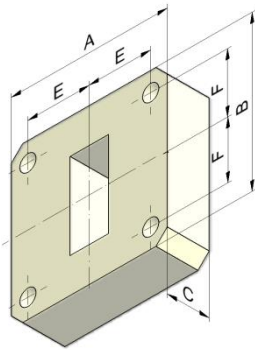
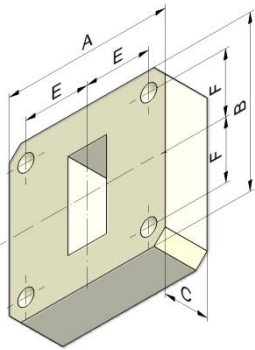
TD-00077

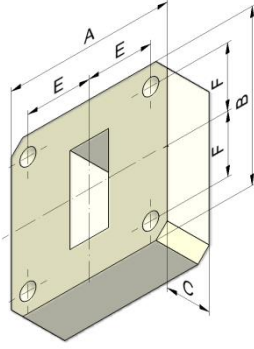
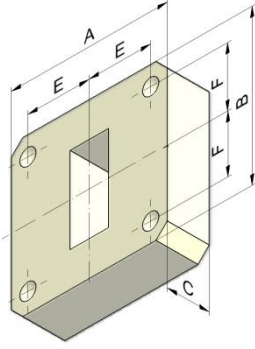
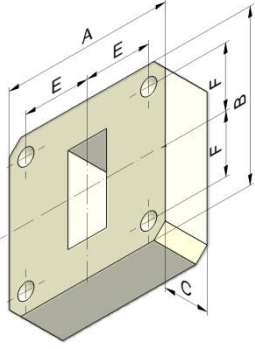
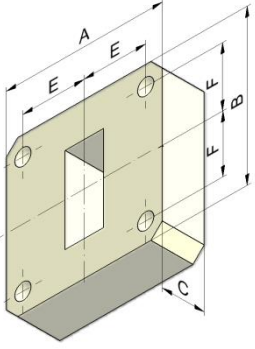
WR 137		R 70		WG 14	
UK		UK		International	
sealing groove		sealing groove		sealing groove	
DEF-5352:1958		DEF-5352:1958		IEC 60154-2:2016	
TR/B610104		RR/B610921		60154 IEC-PAR 70	
					
A	79,38 (3.125)	A	79,38 (3.125)	A	79,50 (3.130)
B		B		B	
E	69,85 (2.750)	E	69,85 (2.750)	E	69,85 (2.750)
F		F		F	
G		G		G	
H		H		H	
Hole I		Hole I		Hole I	Ø5,00 (Ø0.197)
Hole J		Hole J		Hole J	
C		C		C	6,40 (0.250)
Material	Cu alloy	Material	Al alloy	Material	
NSN 5985-99-083-0038		NSN 5985-99-083-0132		F40340-1	

UK		UK		International	
choke/sealing groove		choke/sealing groove		choke/sealing groove	
DEF-5352:1958		DEF-5352:1958		IEC 60154-2:2016	
TR/B610103		RR/B610920		60154 IEC-CAR 70	
					
A	79,38 (3.125)	A	79,38 (3.125)	A	79,50 (3.130)
B		B		B	
E	69,85 (2.750)	E	69,85 (2.750)	E	69,85 (2.750)
F		F		F	
G		G		G	
H		H		H	
Hole I		Hole I		Hole I	Ø5,00 (Ø0.197)
Hole J		Hole J		Hole J	
C		C		C	6,40 (0.250)
Material	Cu alloy	Material	Al alloy	Material	
NSN 5985-99-083-0037		NSN 5985-99-083-0131		F41181	

[illegible]

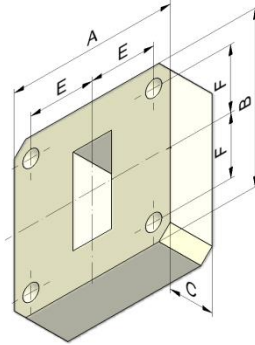
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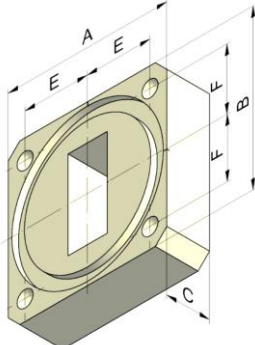
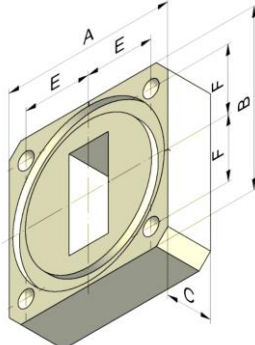
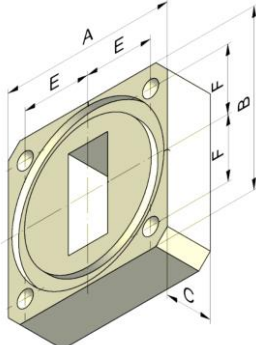
WR 112		R 84		WG 15	
		inactive for new design		inactive for new design	
USA		USA		USA	
plain		plain		plain	
MIL-DTL-3922/53E		MIL-DTL-3922/53E		MIL-DTL-3922/54E	
M3922/53-002		M3922/53-004		M3922/54-011	
					
A	47,63 (1.875)	A	47,63 (1.875)	A	47,62 (1.875)
B	47,63 (1.875)	B	47,63 (1.875)	B	47,62 (1.875)
E	18,72 (0.737)	E	18,72 (0.737)	E	18,72 (0.737)
F	17,17 (0.676)	F	17,17 (0.676)	F	17,17 (0.676)
G		G		G	
H		H		H	
Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,29 (Ø0.169)
Hole J		Hole J		Hole J	
C	6,35 (0.250)	C	6,35 (0.250)	C	6,35 (0.250)
Material	Cu alloy	Material	Al alloy	Material	Al alloy
UG-51/U		UG-138/U			

USA		USA		USA		USA	
plain		plain		plain		plain	
MIL-DTL-3922/70C		MIL-DTL-3922/70C		MIL-DTL-3922/70C		MIL-DTL-3922/70C	
M3922/70-001		M3922/70-002		M3922/70-013		M3922/70-014	
							
A	42,85 (1.687)	A	42,85 (1.687)	A	42,85 (1.687)	A	42,85 (1.687)
B	42,85 (1.687)	B	42,85 (1.687)	B	42,85 (1.687)	B	42,85 (1.687)
E	17,02 (0.670)	E	17,02 (0.670)	E	17,02 (0.670)	E	17,02 (0.670)
F	16,26 (0.640)	F	16,26 (0.640)	F	16,26 (0.640)	F	16,26 (0.640)
G		G		G		G	
H		H		H		H	
Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,29 (Ø0.169)
Hole J		Hole J		Hole J		Hole J	
C	6,35 (0.250)	C	6,35 (0.250)	C	6,35 (0.250)	C	6,35 (0.250)
Material	Cu alloy	Material	Al alloy	Material	Cu alloy	Material	Al alloy
UG-1493/U							

TD-00077

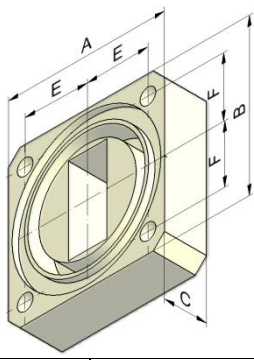
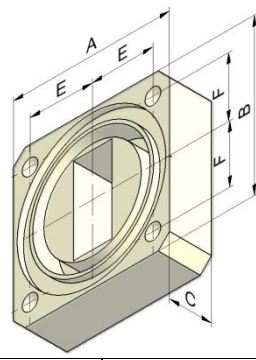
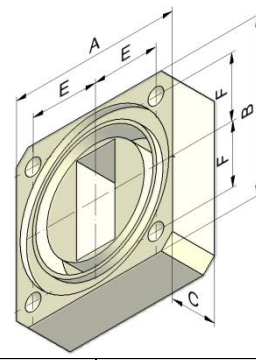
WR 112	R 84	WG 15
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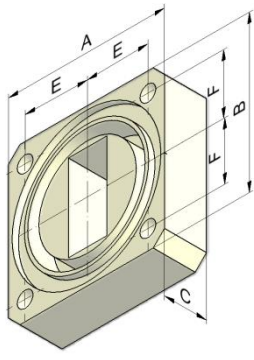
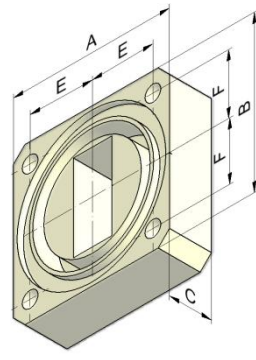
				International	
				plain	
				IEC 60154-2:2016	
				60154 IEC-UBR 84	
					
				A	47,80 (1.880)
				B	47,80 (1.880)
				E	18,72 (0.737)
				F	17,17 (0.676)
				G	
				H	
				Hole I	Ø4,17 (Ø0.164)
				Hole J	
				C	6,40 (0.250)
				Material	
				F40486	

UK	UK	International			
sealing groove	sealing groove	sealing groove			
DEF-5352:1958	DEF-5352:1958	IEC 60154-2:2016			
TR/B610112	TR/B610915	60154 IEC-PBR 84			
					
A	A	A	47,80 (1.880)		
B	B	B	47,80 (1.880)		
E	E	E	18,72 (0.737)		
F	F	F	17,17 (0.676)		
G	G	G			
H	H	H			
Hole I	Hole I	Hole I	Ø4,17 (Ø0.164)		
Hole J	Hole J	Hole J			
C	C	C	6,40 (0.250)		
Material	Material	Material			
Cu alloy	Al alloy				
		F40489			
NSN 5985-99-083-0034	NSN 5985-99-011-9112				

TD-00077

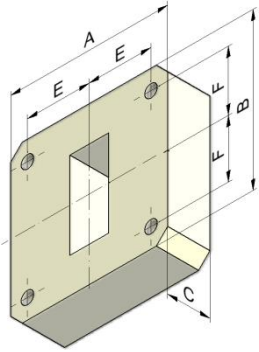
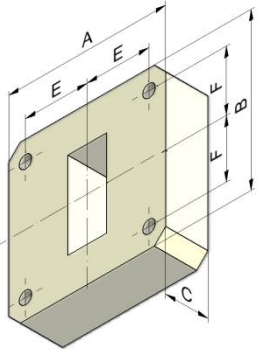
WR 112	R 84	WG 15
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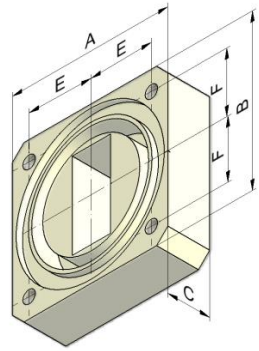
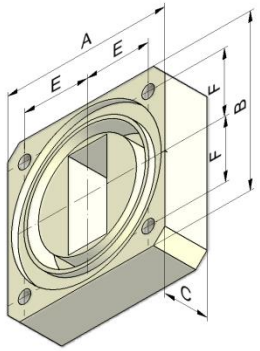
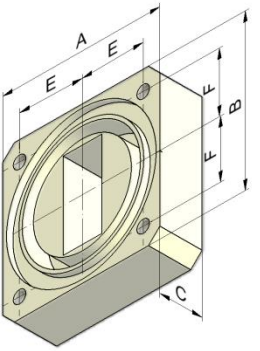
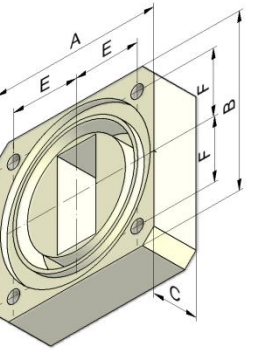
USA	USA	International
choke/sealing groove	choke/sealing groove	choke/sealing groove
MIL-DTL-3922/59F	MIL-DTL-3922/59F	IEC 60154-2:2016
M3922/59-015	M3922/59-016	60154 IEC-CBR 84
		
A 47,63 (1.875)	A 47,63 (1.875)	A 47,80 (1.880)
B 47,63 (1.875)	B 47,63 (1.875)	B 47,80 (1.880)
E 18,72 (0.737)	E 18,72 (0.737)	E 18,72 (0.737)
F 17,17 (0.676)	F 17,17 (0.676)	F 17,17 (0.676)
G	G	G
H	H	H
Hole I Ø4,29 (Ø0.169)	Hole I Ø4,29 (Ø0.169)	Hole I Ø4,17 (Ø0.164)
Hole J	Hole J	Hole J
C 6,35 (0.250)	C 6,35 (0.250)	C 6,40 (0.250)
Material Cu alloy	Material Al alloy	Material
		F41238

UK	UK	
choke/sealing groove	choke/sealing groove	
DEF-5352:1958	DEF-5352:1958	
TR/B610111	TR/B610914	
		
A 47,63 (1.875)	A 47,63 (1.875)	
B 47,63 (1.875)	B 47,63 (1.875)	
E 18,72 (0.737)	E 18,72 (0.737)	
F 17,17 (0.676)	F 17,17 (0.676)	
G	G	
H	H	
Hole I	Hole I	
Hole J	Hole J	
C	C	
Material Cu alloy	Material Al alloy	
NSN 5985-99-083-0033	NSN 5985-99-083-0134	

TD-00077

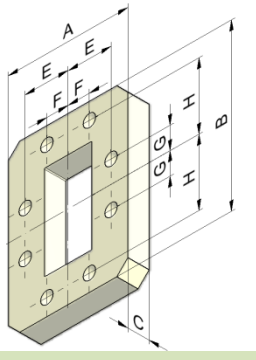
WR 112	R 84	WG 15
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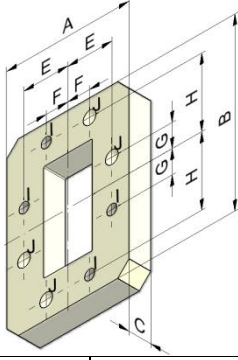
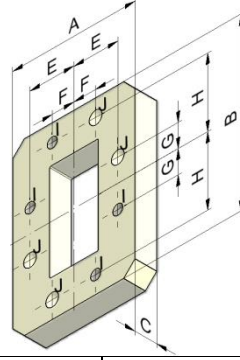
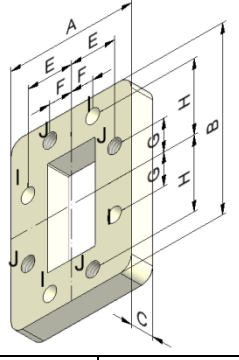
inactive for new design	inactive for new design		
USA	USA		
plain	plain		
MIL-DTL-3922/54E	MIL-DTL-3922/54E		
M3922/54-005	M3922/54-006		
			
A 47,62 (1.875)	A 47,62 (1.875)		
B 47,62 (1.875)	B 47,62 (1.875)		
E 18,72 (0.737)	E 18,72 (0.737)		
F 17,17 (0.676)	F 17,17 (0.676)		
G	G		
H	H		
Hole I 0.164-32 UNC-2B	Hole I 0.164-32 UNC-2B		
Hole J	Hole J		
C 6,35 (0.250)	C 6,35 (0.250)		
Material Cu alloy	Material Al alloy		

USA	USA	canceled w/o replacement	canceled w/o replacement
choke/sealing groove	choke/sealing groove	USA	USA
MIL-DTL-3922/59F	MIL-DTL-3922/59F	choke/sealing groove	choke/sealing groove
M3922/59-007	M3922/59-009	MIL-DTL-3922/69	MIL-DTL-3922/69
M3922/59-007	M3922/59-009	M3922/69-001	M3922/69-002 & 003
			
A 47,63 (1.875)	A 47,63 (1.875)	A 42,85 (1.687)	A 42,85 (1.687)
B 47,63 (1.875)	B 47,63 (1.875)	B 42,85 (1.687)	B 42,85 (1.687)
E 18,72 (0.737)	E 18,72 (0.737)	E 17,02 (0.670)	E 17,02 (0.670)
F 17,17 (0.676)	F 17,17 (0.676)	F 16,26 (0.640)	F 16,26 (0.640)
G	G	G	G
H	H	H	H
Hole I 0.164-32 UNC-2B	Hole I 0.164-32 UNC-2B	Hole I 0.164-32 UNC-2B	Hole I 0.164-32 UNC-2B
Hole J	Hole J	Hole J	Hole J
C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)	C 6,35 (0.250)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy 6061 & 6063
UG-52B/U	UG-137B/U	UG-1494/U	

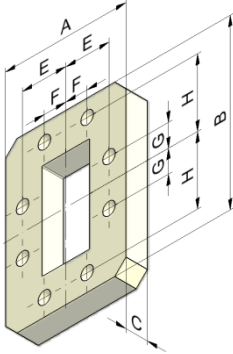
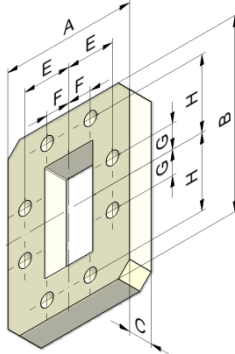
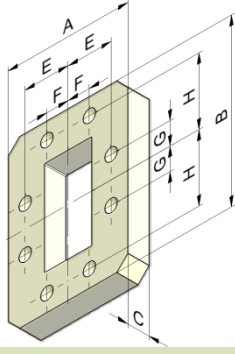
TD-00077

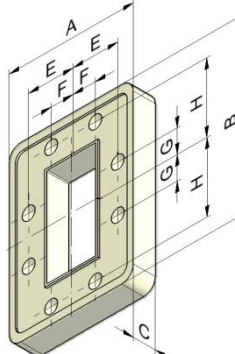
WR 112	R 84	WG 15
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		International	
		plain	
		IEC 60154-2:2016	
		60154 IEC-UER 84	
			
		A 34,90 (1.374) B 51,20 (2.016) E 13,13 (0.517) F 7,11 (0.280) G 7,04 (0.277) H 21,08 (0.830) Hole I Ø4,00 (Ø0.158) Hole J C 6,40 (0.252) Material	
		F40514	

inactive for new design	inactive for new design		
USA	USA		USA
plain	plain		plain
MIL-F-3922/63B	MIL-F-3922/63B		EIA RS-166
M3922/63-003	M3922/63-007		CMR 112
			
A 34,93 (1.375) B 51,21 (2.016) E 13,13 (0.517) F 7,11 (0.280) G 7,04 (0.277) H 21,08 (0.830) Hole I 0.138-32 UNC-2B Hole J Ø3,73 (Ø0.147) C 5,72 (0.225) Material Cu alloy	A 34,93 (1.375) B 51,21 (2.016) E 13,13 (0.517) F 7,11 (0.280) G 7,04 (0.277) H 21,08 (0.830) Hole I 0.138-32 UNC-2B Hole J Ø3,73 (Ø0.147) C 5,72 (0.225) Material Al alloy		A 34,93 (1.375) B 51,21 (2.016) E 13,13 (0.517) F 7,11 (0.280) G 7,03 (0.277) H 21,08 (0.830) Hole I Ø3,73 (Ø0.147) Hole J 0.138-32 UNC-2B C 5,72 (0.225) Material Cu, Al, Mg alloys
UG-1477/U	UG-1482/U		

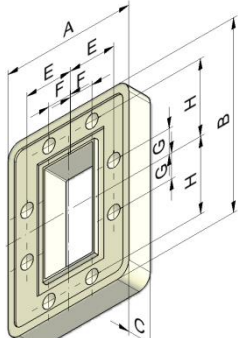
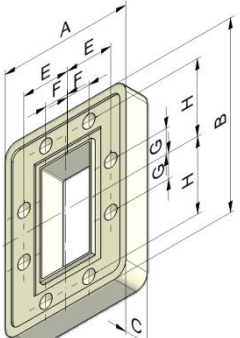
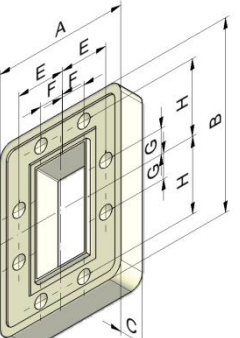
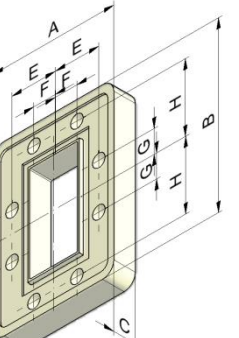
TD-00077

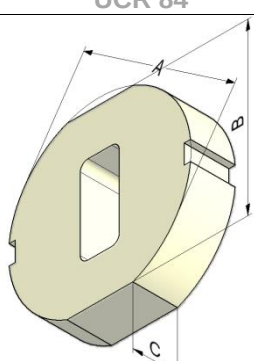
WR 112		R 84		WG 15	
USA		USA		International	
plain		plain		plain	
MIL-DTL-3922/52D		MIL-DTL-3922/52D		IEC 60154-2:2016	
M3922/52-019		M3922/52-020		60154 IEC-UDR 84	
					
A	44,45 (1.750)	A	44,45 (1.750)	A	44,50 (1.752)
B	63,50 (2.500)	B	63,50 (2.500)	B	63,50 (2.500)
E	16,26 (0.640)	E	16,26 (0.640)	E	16,27 (0.640)
F	7,95 (0.313)	F	7,95 (0.313)	F	7,94 (0.313)
G	9,52 (0.375)	G	9,52 (0.375)	G	9,52 (0.375)
H	24,21 (0.953)	H	24,21 (0.953)	H	24,21 (0.953)
Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,00 (Ø0.158)
Hole J		Hole J		Hole J	
C	6,35 (0.250)	C	6,35 (0.250)	C	7,50 (0.300)
Material	Cu alloy	Material	Al alloy	Material	F40524
UG-1734/U		UG-1735/U			

		International	
		plain	
		IEC 60154-2:1997	
		60154 IEC-RDR 84	
			
		A	44,50
		B	63,50
		E	16,27
		F	7,94
		G	9,52
		H	24,21
		Hole I	Ø4,00
		Hole J	
		C	7,50
		Material	

TD-00077

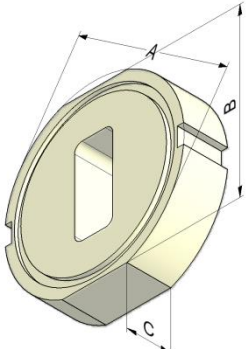
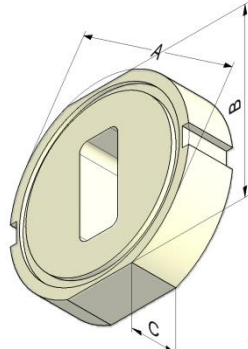
WR 112	R 84	WG 15
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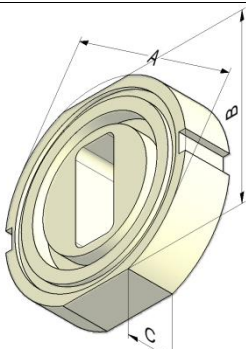
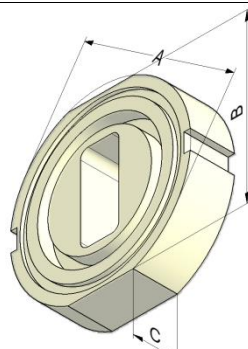
USA	USA	International	USA
sealing groove	sealing groove	sealing groove	sealing groove
MIL-DTL-3922/52D	MIL-DTL-3922/52D	IEC 60154-2:2016	EIA RS-271-A
M3922/52-041	M3922/52-042	60154 IEC-PDR 84	CPR 112 G
			
A 44,45 (1.750)	A 44,45 (1.750)	A 44,50 (1.750)	A 44,50 (1.752)
B 63,50 (2.500)	B 63,50 (2.500)	B 63,50 (2.500)	B 63,50 (2.500)
E 16,26 (0.640)	E 16,26 (0.640)	E 16,27 (0.640)	E 16,26 (0.640)
F 7,95 (0.313)	F 7,95 (0.313)	F 7,94 (0.313)	F 7,95 (0.313)
G 9,52 (0.375)	G 9,52 (0.375)	G 9,52 (0.375)	G 9,53 (0.375)
H 24,21 (0.953)	H 24,21 (0.953)	H 24,21 (0.953)	H 24,20 (0.953)
Hole I Ø4,29 (Ø0.169)	Hole I Ø4,29 (Ø0.169)	Hole I Ø4,00 (Ø0.158)	Hole I Ø4,29 (Ø0.169)
Hole J	Hole J	Hole J	Hole J
C 6,35 (0.250)	C 6,35 (0.250)	C 7,50 (0.300)	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
		F40461	F40317
UG-1358/U	UG-1359/U		

		UK	
		plain	
		UCR 84	
			
		A 48,46 (1.908)	
		B 45,72 (1.800)	
		E	
		F	
		G	
		H	
		Hole I	
		Hole J	
		C	
		Material	

TD-00077

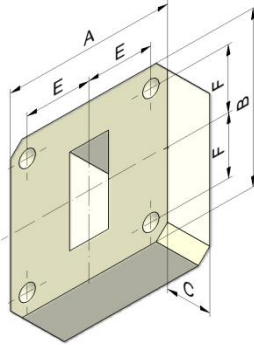
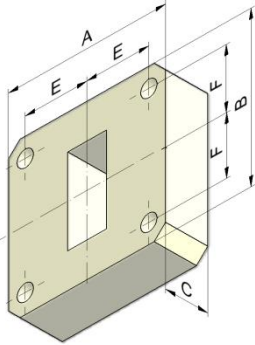
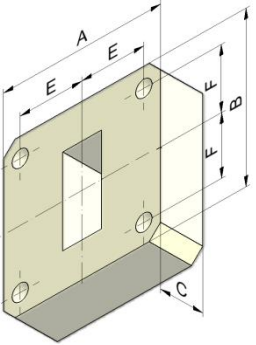
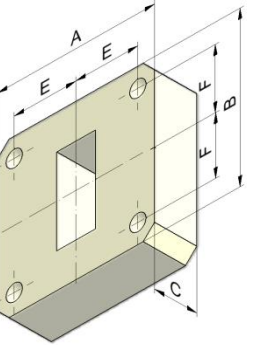
WR 112	R 84	WG 15
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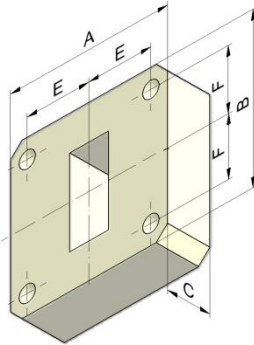
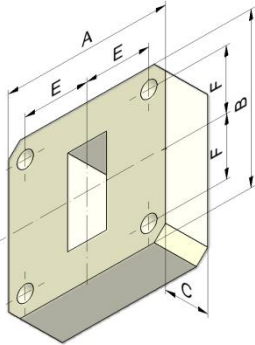
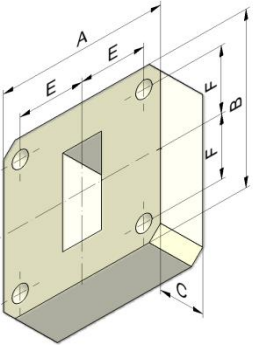
UK	UK		
sealing groove	sealing groove		
DEF-5352:1958	DEF-5352:1958		
RR/B830986	RR/B611405		
			
A 48,46 (1.908)	A 48,46 (1.908)		
B 45,72 (1.800)	B 45,72 (1.800)		
E	E		
F	F		
G	G		
H	H		
Hole I	Hole I		
Hole J	Hole J		
C	C		
Material Cu alloy	Material Al alloy		
NSN 5985-99-011-9660	NSN 5985-99-012-0892		

UK	UK		
choke/sealing groove	choke/sealing groove		
DEF-5352:1958	DEF-5352:1958		
RR/B830987	RR/B611404		
			
A 48,46 (1.908)	A 48,46 (1.908)		
B 45,72 (1.800)	B 45,72 (1.800)		
E	E		
F	F		
G	G		
H	H		
Hole I	Hole I		
Hole J	Hole J		
C	C		
Material Cu alloy	Material Al alloy		
NSN 5985-99-011-9661	NSN 5985-99-012-0893		

TD-00077

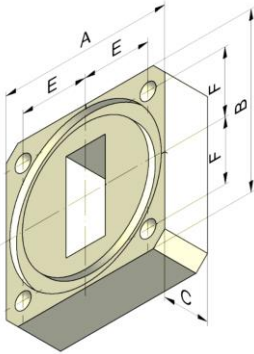
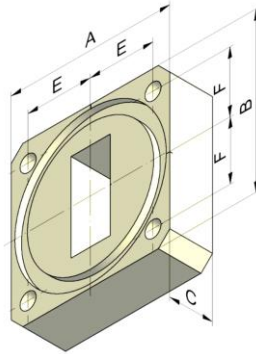
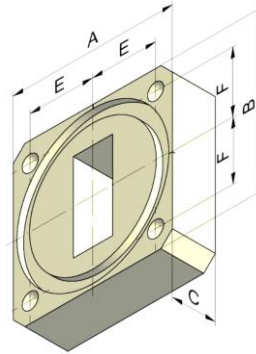
WR 90	R 100	WG 16
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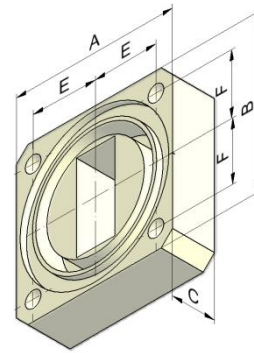
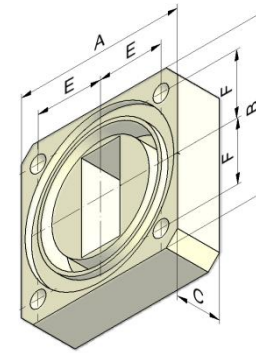
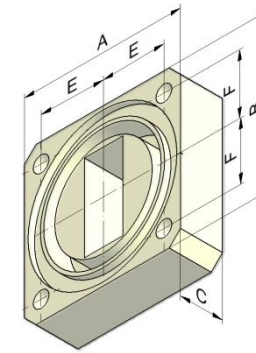
USA plain MIL-DTL-3922/53E M3922/53-001	USA plain MIL-DTL-3922/53E M3922/53-003	USA plain MIL-DTL-3922/53E M3922/53-009	USA plain MIL-DTL-3922/53E M3922/53-010
			
A 41,28 (1.625)	A 41,28 (1.625)	A 41,28 (1.625)	A 41,28 (1.625)
B 41,28 (1.625)	B 41,28 (1.625)	B 41,28 (1.625)	B 41,28 (1.625)
E 16,26 (0.640)	E 16,26 (0.640)	E 16,26 (0.640)	E 16,26 (0.640)
F 15,49 (0.610)	F 15,49 (0.610)	F 15,49 (0.610)	F 15,49 (0.610)
G	G	G	G
H	H	H	H
Hole I Ø4,29 (Ø0.169)	Hole I Ø4,29 (Ø0.169)	Hole I Ø4,29 (Ø0.169)	Hole I Ø4,29 (Ø0.169)
Hole J	Hole J	Hole J	Hole J
C 4,06 (0.160)	C 4,06 (0.160)	C 6,35 (0.250)	C 6,35 (0.250)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy
UG-39/U	UG-135/U		

inactive for new design USA plain MIL-DTL-3922/54E M3922/54-013	inactive for new design USA plain MIL-DTL-3922/54E M3922/54-014	International plain IEC 60154-2:2016 60154 IEC-UBR 100	
			
A 41,27 (1.625)	A 41,27 (1.625)	A 41,40 (1.630)	
B 41,27 (1.625)	B 41,27 (1.625)	B 41,40 (1.630)	
E 16,26 (0.640)	E 16,26 (0.640)	E 16,26 (0.640)	
F 15,49 (0.610)	F 15,49 (0.610)	F 15,49 (0.610)	
G	G	G	
H	H	H	
Hole I Ø4,29 (Ø0.169)	Hole I Ø4,29 (Ø0.169)	Hole I Ø4,17 (Ø0.164)	
Hole J	Hole J	Hole J	
C 4,06 (0.160)	C 4,06 (0.160)	C 4,10 (0.160)	
Material Cu alloy	Material Al alloy	Material	
		F40464	

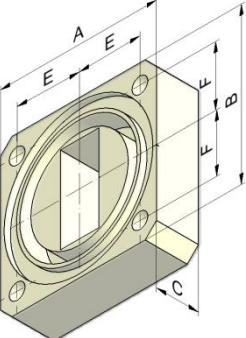
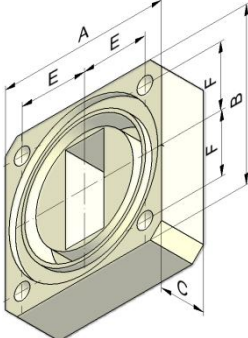
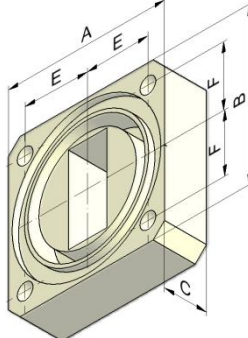
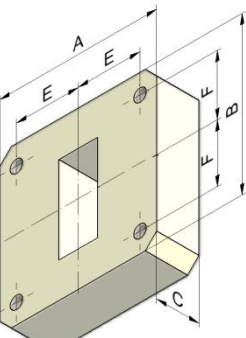
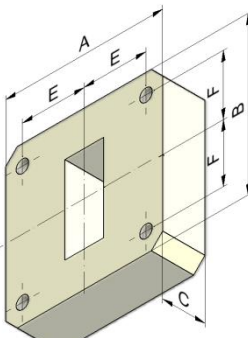
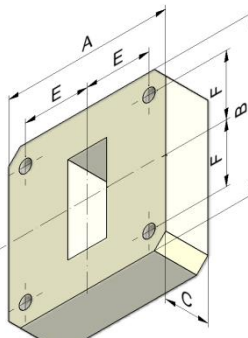
TD-00077

WR 90	R 100	WG 16
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UK	UK	International	
sealing groove	sealing groove	sealing groove	
DEF-5352:1958	DEF-5352:1958	IEC 60154-2:2016	
TR/B610181	RR/B610894	60154 IEC-PBR 100	
			
A 41,28 (1.625)	A 41,28 (1.625)	A 41,40 (1.630)	
B 41,28 (1.625)	B 41,28 (1.625)	B 41,40 (1.630)	
E 16,26 (0.640)	E 16,26 (0.640)	E 16,26 (0.640)	
F 15,49 (0.610)	F 15,49 (0.610)	F 15,49 (0.610)	
G	G	G	
H	H	H	
Hole I	Hole I	Hole I Ø4,17 (Ø0.164)	
Hole J	Hole J	Hole J	
C	C	C 4,10 (0.160)	
Material Cu alloy	Material Al alloy	Material	
		F40490	
NSN 5985-99-083-0052	NSN 5985-99-083-0148		

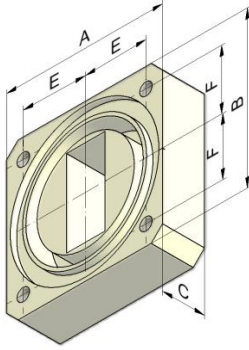
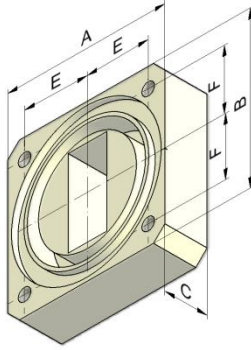
USA	USA	International	
choke/sealing groove	choke/sealing groove	choke/sealing groove	
MIL-DTL-3922/59F	MIL-DTL-3922/59F	IEC 60154-2:2016	
M3922/59-013	M3922/59-014	60154 IEC-CBR 100	
			
A 41,28 (1.625)	A 41,28 (1.625)	A 41,40 (1.630)	
B 41,28 (1.625)	B 41,28 (1.625)	B 41,40 (1.630)	
E 16,26 (0.640)	E 16,26 (0.640)	E 16,26 (0.640)	
F 15,49 (0.610)	F 15,49 (0.610)	F 15,49 (0.610)	
G	G	G	
H	H	H	
Hole I Ø4,29 (Ø0.169)	Hole I Ø4,29 (Ø0.169)	Hole I Ø4,17 (Ø0.164)	
Hole J	Hole J	Hole J	
C 6,35 (0.250)	C 6,35 (0.250)	C 4,10 (0.160)	
Material Cu alloy	Material Al alloy	Material	
		F41239	

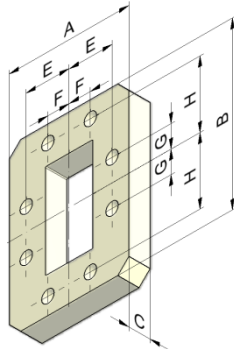
TD-00077

WR 90		R 100		WG 16	
UK		UK		UK	
choke/sealing groove		choke/sealing groove		choke/sealing groove	
DEF-5352:1958		DEF-5352:1958		DEF-5352:1958	
TR/B610180		RR/B611081		RR/B610737	
					
A	41,28 (1.625)	A	41,28 (1.625)	A	41,28 (1.625)
B	41,28 (1.625)	B	41,28 (1.625)	B	41,28 (1.625)
E	16,26 (0.640)	E	16,26 (0.640)	E	16,26 (0.640)
F	15,49 (0.610)	F	15,49 (0.610)	F	15,49 (0.610)
G		G		G	
H		H		H	
Hole I		Hole I		Hole I	
Hole J		Hole J		Hole J	
C		C		C	
Material	Cu alloy	Material	Al alloy	Material	Cu alloy
NSN 5985-99-083-0051		NSN 5985-99-012-0891		NSN 5985-99-083-1611	
NSN 5985-99-011-9114					
USA		USA		inactive for new design	
plain		plain		USA	
MIL-DTL-3922/53E		MIL-DTL-3922/53E		plain	
M3922/53-015		M3922/53-016		MIL-DTL-3922/54E	
					
A	41,28 (1.625)	A	41,28 (1.625)	A	41,27 (1.625)
B	41,28 (1.625)	B	41,28 (1.625)	B	41,27 (1.625)
E	16,26 (0.640)	E	16,26 (0.640)	E	16,26 (0.640)
F	15,49 (0.610)	F	15,49 (0.610)	F	15,49 (0.610)
G		G		G	
H		H		H	
Hole I	0.164-32 UNC-2B	Hole I	0.164-32 UNC-2B	Hole I	0.164-32 UNC-2B
Hole J		Hole J		Hole J	
C	4,06 (0.160)	C	4,06 (0.160)	C	4,06 (0.160)
Material	Cu alloy	Material	Al alloy	Material	Cu alloy
				Material	
				Al alloy	

TD-00077

WR 90	R 100	WG 16
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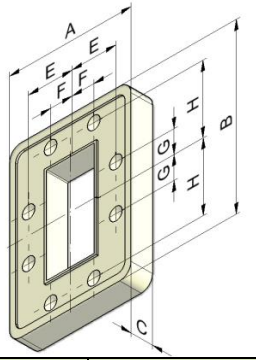
USA	USA		
choke/sealing groove	choke/sealing groove		
MIL-DTL-3922/59F	MIL-DTL-3922/59F		
M3922/59-006	M3922/59-008		
			
A 41,28 (1.625)	A 41,28 (1.625)		
B 41,28 (1.625)	B 41,28 (1.625)		
E 16,26 (0.640)	E 16,26 (0.640)		
F 15,49 (0.610)	F 15,49 (0.610)		
G	G		
H	H		
Hole I 0.164-32 UNC-2B	Hole I 0.164-32 UNC-2B		
Hole J	Hole J		
C 4,06 (0.160)	C 4,06 (0.160)		
Material Cu alloy	Material Al alloy		
UG-40B/U	UG-136B/U		

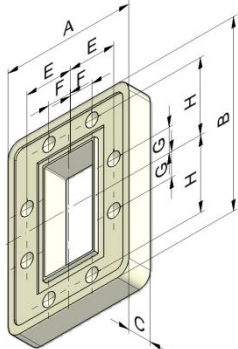
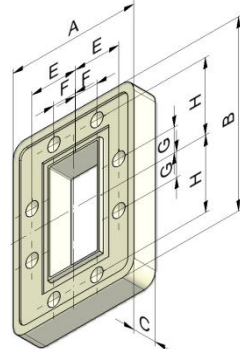
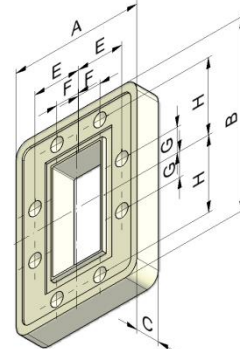
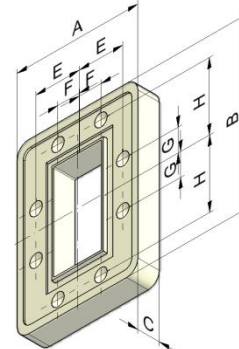
		International	
		plain	
		IEC 60154-2:2016	
		60154 IEC-UER 100	
			
		A 32,20 (1.268)	
		B 44,90 (1.768)	
		E 11,56 (0.455)	
		F 5,72 (0.225)	
		G 5,97 (0.235)	
		H 17,91 (0.705)	
		Hole I Ø4,00 (Ø0.158)	
		Hole J	
		C 6,40 (0.252)	
		Material	
		F40503	

TD-00077

WR 90		R 100		WG 16	
inactive for new design		inactive for new design			
USA		USA		USA	
plain		plain		plain	
MIL-F-3922/63B		MIL-F-3922/63B		EIA RS-166	
M3922/63-004		M3922/63-008		CMR 90	
A	32,16 (1.266)	A	32,16 (1.266)	A	32,16 (1.266)
B	44,86 (1.766)	B	44,86 (1.766)	B	44,86 (1.766)
E	11,56 (0.455)	E	11,56 (0.455)	E	11,56 (0.455)
F	5,72 (0.225)	F	5,72 (0.225)	F	5,72 (0.225)
G	5,97 (0.235)	G	5,97 (0.235)	G	5,97 (0.235)
H	17,91 (0.705)	H	17,91 (0.705)	H	17,91 (0.705)
Hole I	0.138-32 UNC-2B	Hole I	0.138-32 UNC-2B	Hole I	Ø3,73 (Ø0.147)
Hole J	Ø3,73 (Ø0.147)	Hole J	Ø3,73 (Ø0.147)	Hole J	0.138-32 UNC-2B
C	5,72 (0.225)	C	5,72 (0.225)	C	5,72 (0.225)
Material	Cu alloy	Material	Al alloy	Material	Cu, Al, Mg alloys
UG-1478/U		UG-1483/U			
USA		USA		International	
plain		plain		plain	
MIL-DTL-3922/52D		MIL-DTL-3922/52D		IEC 60154-2:2016	
M3922/52-021		M3922/52-022		60154 IEC-UDR 100	
A	40,39 (1.590)	A	40,39 (1.590)	A	40,50 (1.600)
B	53,09 (2.090)	B	53,09 (2.090)	B	53,20 (2.100)
E	14,68 (0.578)	E	14,68 (0.578)	E	14,68 (0.578)
F	7,95 (0.313)	F	7,95 (0.313)	F	7,94 (0.313)
G	7,92 (0.312)	G	7,92 (0.312)	G	7,94 (0.313)
H	21,03 (0.828)	H	21,03 (0.828)	H	21,03 (0.828)
Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,00 (Ø0.158)
Hole J		Hole J		Hole J	
C	6,35 (0.250)	C	6,35 (0.250)	C	7,50 (0.300)
Material	Cu alloy	Material	Al alloy	Material	F40638
UG-1736/U		UG-1737/U			
USA		USA		USA	
plain		plain		plain	
MIL-DTL-3922/52D		MIL-DTL-3922/52D		EIA RS-271-A	
M3922/52-021		M3922/52-022		CPR 90 F	
A	40,39 (1.590)	A	40,39 (1.590)	A	40,48 (1.594)
B	53,09 (2.090)	B	53,09 (2.090)	B	53,18 (2.094)
E	14,68 (0.578)	E	14,68 (0.578)	E	14,68 (0.578)
F	7,95 (0.313)	F	7,95 (0.313)	F	7,94 (0.312)
G	7,92 (0.312)	G	7,92 (0.312)	G	7,94 (0.312)
H	21,03 (0.828)	H	21,03 (0.828)	H	21,03 (0.828)
Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,29 (Ø0.169)	Hole I	Ø4,29 (Ø0.169)
Hole J		Hole J		Hole J	
C	6,35 (0.250)	C	6,35 (0.250)	C	
Material	Cu alloy	Material	Al alloy	Material	Cu, Al, Mg alloys

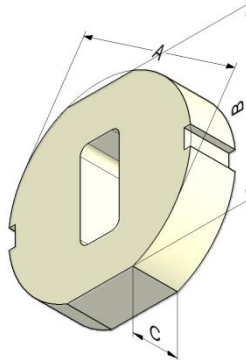
TD-00077

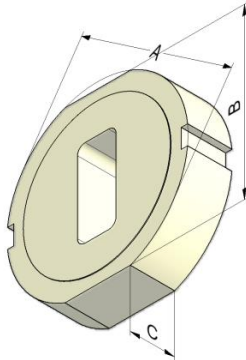
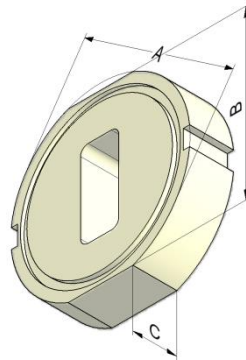
WR 90		R 100		WG 16	
				International	
				plain	
				IEC 60154-2:1997	
				60154 IEC-RDR 100	
					
				A	40,50
				B	53,20
				E	14,68
				F	7,94
				G	7,94
				H	21,03
				Hole I	Ø4,00
				Hole J	
				C	7,50
				Material	

USA sealing groove MIL-DTL-3922/52D M3922/52-043	USA sealing groove MIL-DTL-3922/52D M3922/52-044	International sealing groove IEC 60154-2:2016 60154 IEC-PDR 100	USA sealing groove EIA RS-271-A CPR 90 G
			
A	A	A	A
40,39 (1.590)	40,39 (1.590)	40,50 (1.600)	40,48 (1.594)
B	B	B	B
53,09 (2.090)	53,09 (2.090)	53,20 (2.100)	53,18 (2.094)
E	E	E	E
14,68 (0.578)	14,68 (0.578)	14,68 (0.578)	14,68 (0.578)
F	F	F	F
7,95 (0.313)	7,95 (0.313)	7,94 (0.313)	7,94 (0.312)
G	G	G	G
7,92 (0.312)	7,92 (0.312)	7,94 (0.313)	7,94 (0.312)
H	H	H	H
21,03 (0.828)	21,03 (0.828)	21,03 (0.828)	21,03 (0.828)
Hole I	Hole I	Hole I	Hole I
Ø4,29 (Ø0.169)	Ø4,29 (Ø0.169)	Ø4,00 (Ø0.158)	Ø4,29 (Ø0.169)
Hole J	Hole J	Hole J	Hole J
C	C	C	C
6,35 (0.250)	6,35 (0.250)	7,50 (0.300)	
Material	Material	Material	Material
Cu alloy	Al alloy		Cu, Al, Mg alloys
UG-1360/U	UG-1361/U	F40479	F40364

TD-00077

WR 90	R 100	WG 16
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		UK	
		plain	
		UCR 100	
			
		A 47,57 (1.873)	
		B 44,32 (1.745)	
		E	
		F	
		G	
		H	
		Hole I	
		Hole J	
		C	
		Material	Cu alloy

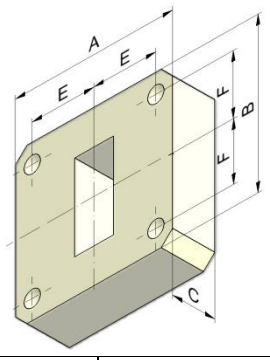
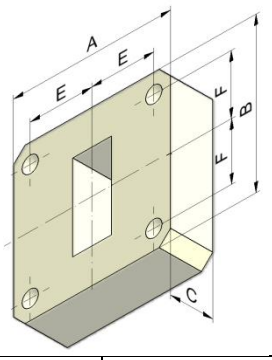
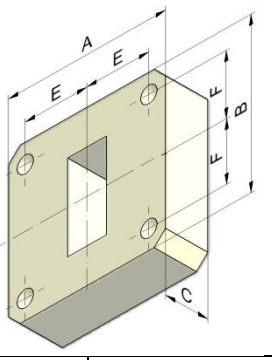
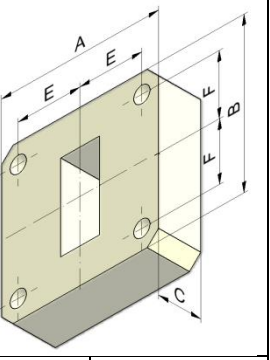
UK		UK	
plain		sealing groove	
DEF-5352:1958		DEF-5352:1958	
600941WTB		RR/B610757	
			
A 47,57 (1.873)		A 47,57 (1.873)	
B 44,32 (1.745)		B 44,32 (1.745)	
E		E	
F		F	
G		G	
H		H	
Hole I		Hole I	
Hole J		Hole J	
C		C	
Material	Cu alloy	Material	Al alloy
NSN 5985-99-083-0004		NSN 5985-99-083-0151	

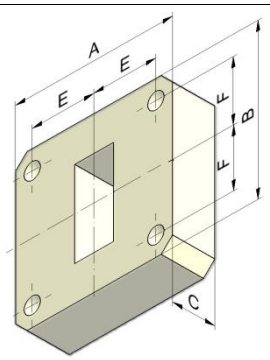
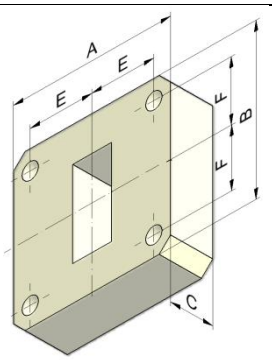
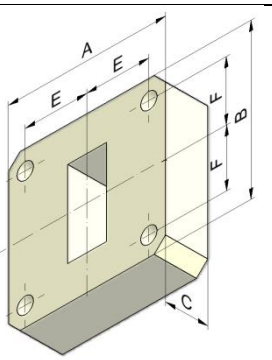
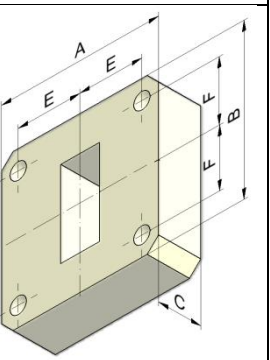
WR 90	R 100	WG 16
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[illegible]

TD-00077

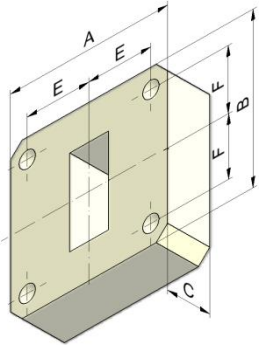
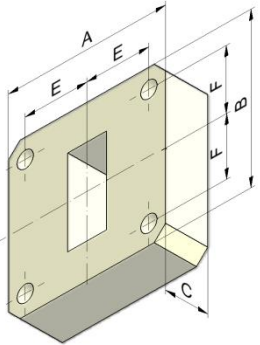
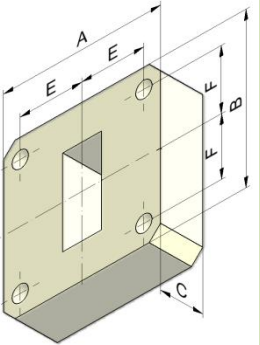
WR 75	R 120	WG 17	
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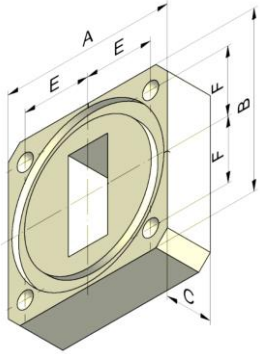
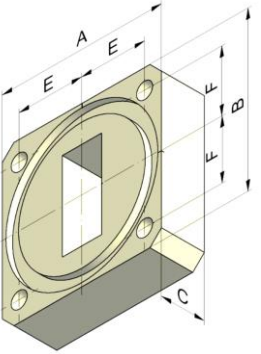
USA plain	USA plain	USA plain	USA plain
MIL-DTL-3922/53E	MIL-DTL-3922/53E	MIL-DTL-3922/53E	MIL-DTL-3922/53E
M3922/53-007	M3922/53-008	M3922/53-013	M3922/53-014
			
A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)
B 38,10 (1.500)	B 38,10 (1.500)	B 38,10 (1.500)	B 38,10 (1.500)
E 14,25 (0.561)	E 14,25 (0.561)	E 14,25 (0.561)	E 14,25 (0.561)
F 13,21 (0.520)	F 13,21 (0.520)	F 13,21 (0.520)	F 13,21 (0.520)
G	G	G	G
H	H	H	H
Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)
Hole J	Hole J	Hole J	Hole J
C 7,89 (0.203)	C 7,89 (0.203)	C 6,35 (0.250)	C 6,35 (0.250)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

USA plain	USA plain	USA plain	USA plain
MIL-DTL-3922/70C	MIL-DTL-3922/70C	MIL-DTL-3922/70C	MIL-DTL-3922/70C
M3922/70-004	M3922/70-005	M3922/70-016	M3922/70-017
			
A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)
B 38,10 (1.500)	B 38,10 (1.500)	B 38,10 (1.500)	B 38,10 (1.500)
E 14,25 (0.561)	E 14,25 (0.561)	E 14,25 (0.561)	E 14,25 (0.561)
F 13,21 (0.520)	F 13,21 (0.520)	F 13,21 (0.520)	F 13,21 (0.520)
G	G	G	G
H	H	H	H
Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)
Hole J	Hole J	Hole J	Hole J
C 4,78 (0.188)	C 4,78 (0.188)	C 6,35 (0.250)	C 6,35 (0.250)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

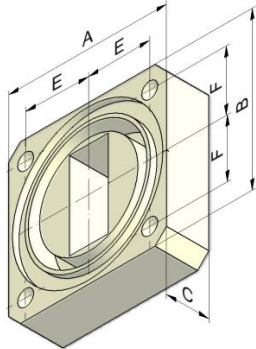
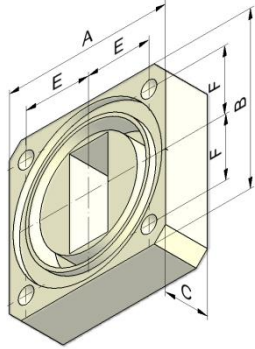
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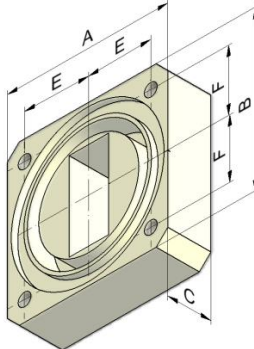
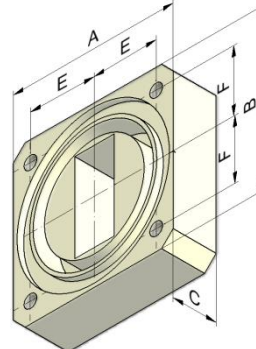
WR 75	R 120	WG 17
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USA	USA	International	
plain	plain	plain	
MIL-DTL-3922/70C	MIL-DTL-3922/70C	IEC 60154-2:1997	
M3922/70-025	M3922/70-026	60154 IEC-UBR 120	
			
A 38,10 (1.500)	A 38,10 (1.500)	A 38,10	
B 38,10 (1.500)	B 38,10 (1.500)	B 38,10	
E 14,25 (0.561)	E 14,25 (0.561)	E 14,25	
F 13,21 (0.520)	F 13,21 (0.520)	F 13,21	
G	G	G	
H	H	H	
Hole I Ø3,70 (Ø0.145)	Hole I Ø3,66 (Ø0.144)	Hole I Ø4,00	
Hole J	Hole J	Hole J	
C 5,16 (0.203)	C 5,16 (0.203)	C 4,10	
Material Cu alloy	Material Al alloy	Material	
		F40500	

		International	UK
		sealing groove	sealing groove
		IEC 60154-2:1997	
		60154 IEC-PBR 120	
			
		A 38,10	A 38,10 (1.500)
		B 38,10	B 38,10 (1.500)
		E 14,25	E 14,25 (0.561)
		F 13,21	F 13,21 (0.520)
		G	G
		H	H
		Hole I Ø4,00	Hole I
		Hole J	Hole J
		C 4,10	C
		Material	Material
		F40511	NSN 5985-99-014-1436

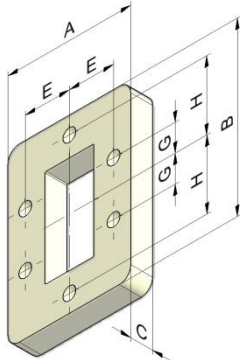
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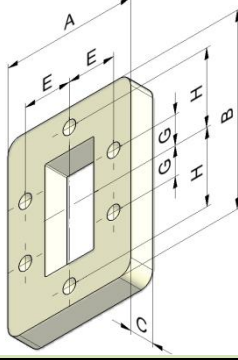
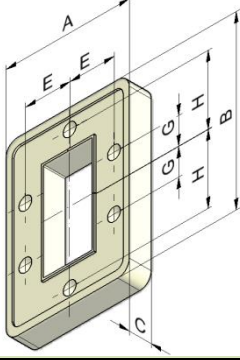
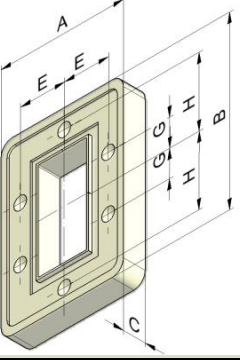
WR 75		R 120		WG 17	
		International		UK	
		choke/sealing groove		choke/sealing groove	
		IEC 60154-2:1997			
		60154 IEC-CBR 120			
					
		A	38,10	A	38,10 (1.500)
		B	38,10	B	38,10 (1.500)
		E	14,25	E	14,25 (0.561)
		F	13,21	F	13,21 (0.520)
		G		G	
		H		H	
		Hole I	Ø4,00	Hole I	
		Hole J		Hole J	
		C	4,10	C	
		Material		Material	
				NSN 5985-99-014-1437	

USA		USA			
choke/sealing groove		choke/sealing groove			
MIL-DTL-3922/59F		MIL-DTL-3922/59F			
M3922/59-010		M3922/59-011			
					
A	38,10 (1.500)	A	38,10 (1.500)		
B	38,10 (1.500)	B	38,10 (1.500)		
E	14,25 (0.561)	E	14,25 (0.561)		
F	13,21 (0.520)	F	13,21 (0.520)		
G		G			
H		H			
Hole I	0.138-32 UNC-2B	Hole I	0.138-32 UNC-2B		
Hole J		Hole J			
C	5,16 (0.203)	C	5,16 (0.203)		
Material	Cu alloy	Material	Al alloy		

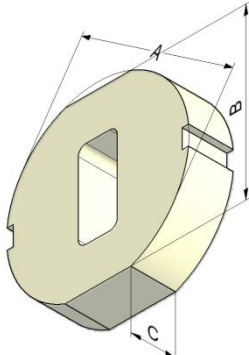
TD-00077

WR 75	R 120	WG 17
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		International	
		plain	
		IEC 60154-2:1997	
		60154 IEC-UER 120	
			
		A 31,00	
		B 41,00	
		E 11,00	
		F	
		G 8,00	
		H 16,00	
		Hole I Ø 3,00	
		Hole J	
		C 4,00	
		Material	
		F40741	

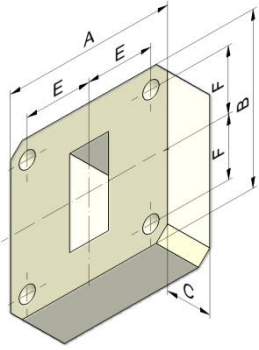
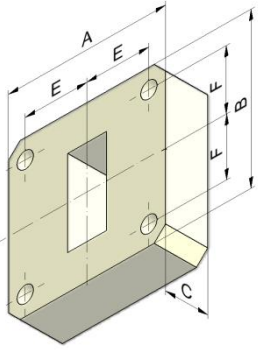
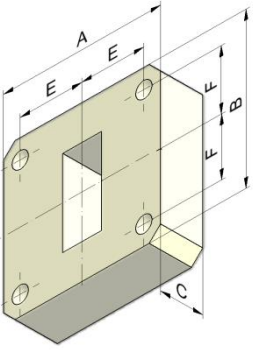
International	International	International	
plain	plain	sealing groove	
IEC 60154-2:2016	IEC 60154-2:1997	IEC 60154-2:2016	
60154 IEC-UDR 120	60154 IEC-RDR 120	60154 IEC-PDR 120	
			
A 39,50 (1.555)	A 39,50	A 39,50 (1.555)	
B 49,00 (1.929)	B 49,00	B 49,00 (1.929)	
E 14,29 (0.563)	E 14,29	E 14,29 (0.563)	
F	F	F	
G 7,94 (0.313)	G 7,94	G 7,94 (0.313)	
H 19,05 (0.750)	H 19,05	H 19,05 (0.750)	
Hole I Ø4,00 (Ø0.158)	Hole I Ø4,00	Hole I Ø4,00 (Ø0.158)	
Hole J	Hole J	Hole J	
C 7,50 (0.295)	C 7,50	C 7,50 (0.295)	
Material	Material	Material	
F40341-1		F40341	

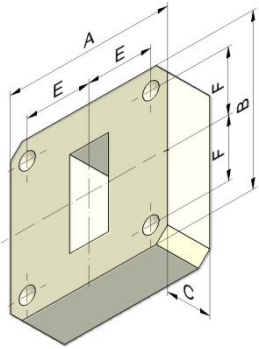
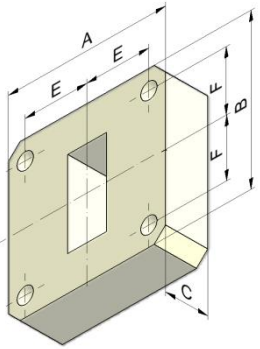
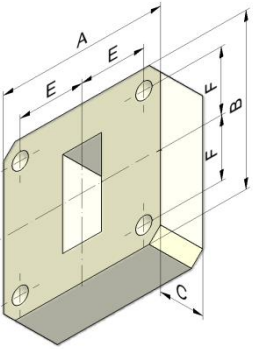
WR 75	R 120	WG 17
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				UK		
				plain		
				UCR 120		
						
			A	47,55 (1.872)		
			B	44,34 (1.747)		
			E			
			F			
			G			
			H			
			Hole I			
			Hole J			
			C			
			Material			

[illegible]

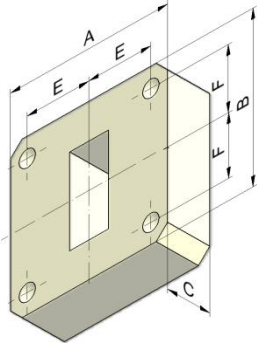
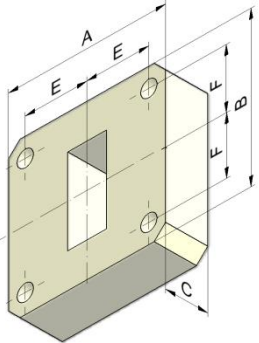
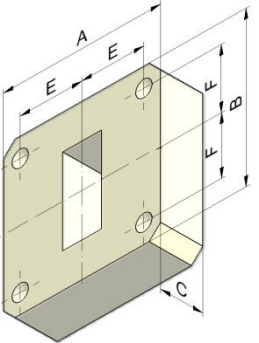
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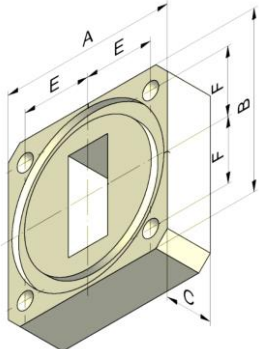
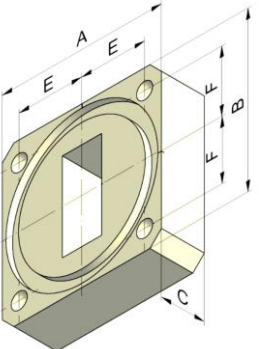
WR 62		R 140		WG 18	
USA		USA		USA	
plain		plain		plain	
MIL-DTL-3922/53E		MIL-DTL-3922/53E		MIL-DTL-3922/53E	
M3922/53-005		M3922/53-006		M3922/53-011	
					
A	33,35 (1.313)	A	33,35 (1.313)	A	33,35 (1.313)
B	33,35 (1.313)	B	33,35 (1.313)	B	33,35 (1.313)
E	12,14 (0.478)	E	12,14 (0.478)	E	12,14 (0.478)
F	12,62 (0.497)	F	12,62 (0.497)	F	12,62 (0.497)
G		G		G	
H		H		H	
Hole I	Ø3,66 (Ø0.144)	Hole I	Ø3,66 (Ø0.144)	Hole I	Ø3,66 (Ø0.144)
Hole J		Hole J		Hole J	
C	3,18 (0.125)	C	3,18 (0.125)	C	3,18 (0.125)
Material	Cu alloy	Material	Al alloy	Material	Cu alloy
UG-419/U		UG-1665/U			

inactive for new design		inactive for new design		USA	
USA		USA		plain	
plain		plain		MIL-DTL-3922/70C	
MIL-DTL-3922/54E		MIL-DTL-3922/54E		M3922/70-007	
M3922/54-015		M3922/54-016		M3922/70-008	
					
A	33,32 (1.312)	A	33,32 (1.312)	A	33,32 (1.312)
B	33,32 (1.312)	B	33,32 (1.312)	B	33,32 (1.312)
E	12,14 (0.478)	E	12,14 (0.478)	E	12,14 (0.478)
F	12,62 (0.497)	F	12,62 (0.497)	F	12,62 (0.497)
G		G		G	
H		H		H	
Hole I	Ø3,66 (Ø0.144)	Hole I	Ø3,66 (Ø0.144)	Hole I	Ø3,66 (Ø0.144)
Hole J		Hole J		Hole J	
C	6,35 (0.250)	C	6,35 (0.250))	C	4,78 (0.188)
Material	Cu alloy	Material	Al alloy	Material	Cu alloy
				Material	
				Al alloy	

TD-00077

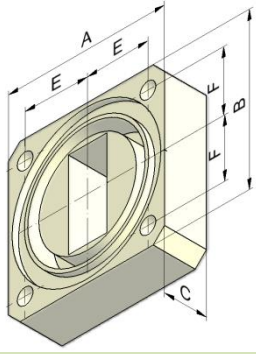
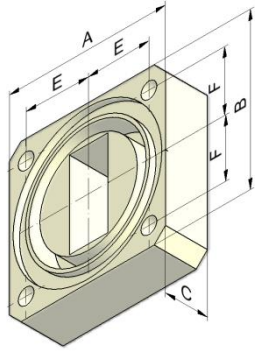
WR 62	R 140	WG 18
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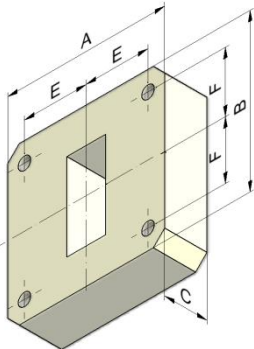
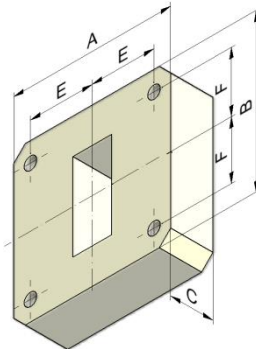
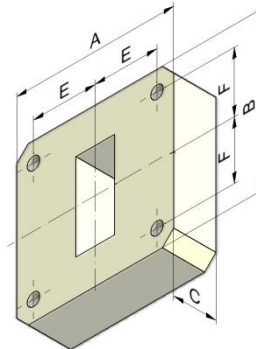
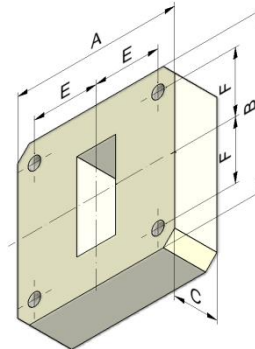
USA plain	USA plain	International plain	
MIL-DTL-3922/70C M3922/70-019	MIL-DTL-3922/70C M3922/70-020	IEC 60154-2:2016 60154 IEC-UBR 140	
			
A 33,32 (1.312)	A 33,32 (1.312)	A 33,30 (1.310)	
B 33,32 (1.312)	B 33,32 (1.312)	B 33,30 (1.310)	
E 12,14 (0.478)	E 12,14 (0.478)	E 12,14 (0.478)	
F 12,62 (0.497)	F 12,62 (0.497)	F 12,62 (0.497)	
G	G	G	
H	H	H	
Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)	Hole I Ø4,00 (Ø0.185)	
Hole J	Hole J	Hole J	
C 4,75 (0.187)	C 4,75 (0.187)	C 4,80 (0.190)	
Material Cu alloy	Material Al alloy	Material	
		F40475	

		International sealing groove	UK sealing groove
		IEC 60154-2:2016 60154 IEC-PBR 140	DEF-5352:1958 TR/B610108
			
		A 33,30 (1.310)	A 33,34 (1.313)
		B 33,30 (1.310)	B 33,34 (1.313)
		E 12,14 (0.478)	E 12,14 (0.478)
		F 12,62 (0.497)	F 12,62 (0.497)
		G	G
		H	H
		Hole I Ø4,00 (Ø0.185)	Hole I
		Hole J	Hole J
		C 4,80 (0.190)	C
		Material	Material Cu alloy
		F40491	NSN 5985-99-083-0030

TD-00077

WR 62	R 140	WG 18
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		International	UK
		choke/sealing groove	choke/sealing groove
		IEC 60154-2:2016	DEF-5352:1958
		60154 IEC-CBR 140	TR/B610107
			
		A 33,30 (1.310)	A 33,34 (1.313)
		B 33,30 (1.310)	B 33,34 (1.313)
		E 12,14 (0.478)	E 12,14 (0.478)
		F 12,62 (0.497)	F 12,62 (0.497)
		G	G
		H	H
		Hole I Ø4,00 (Ø0.185)	Hole I
		Hole J	Hole J
		C 4,80 (0.190)	C
		Material F41169	Material Cu alloy
			NSN 5985-99-083-0029

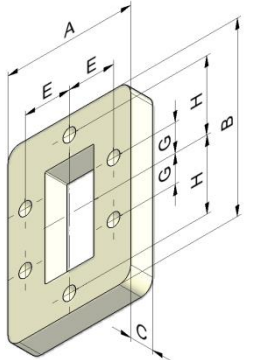
USA	USA	inactive for new design	inactive for new design
plain	plain	USA	USA
MIL-DTL-3922/53E	MIL-DTL-3922/53E	plain	plain
M3922/53-017	M3922/53-018	MIL-DTL-3922/54E	MIL-DTL-3922/54E
M3922/53-017	M3922/53-018	M3922/54-009	M3922/54-010
			
A 33,35 (1.313)	A 33,35 (1.313)	A 33,32 (1.312)	A 33,32 (1.312)
B 33,35 (1.313)	B 33,35 (1.313)	B 33,32 (1.312)	B 33,32 (1.312)
E 12,14 (0.478)	E 12,14 (0.478)	E 12,14 (0.478)	E 12,14 (0.478)
F 12,62 (0.497)	F 12,62 (0.497)	F 12,62 (0.497)	F 12,62 (0.497)
G	G	G	G
H	H	H	H
Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B
Hole J	Hole J	Hole J	Hole J
C 3,18 (0.125)	C 3,18 (0.125)	C 6,35 (0.250)	C 6,35 (0.250)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

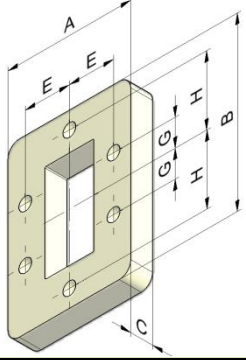
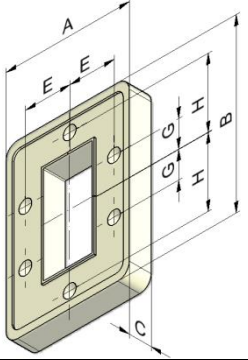
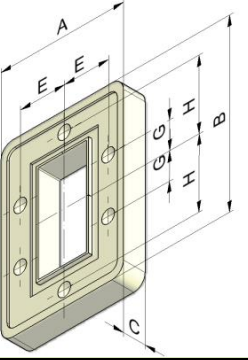
WR 62	R 140	WG 18
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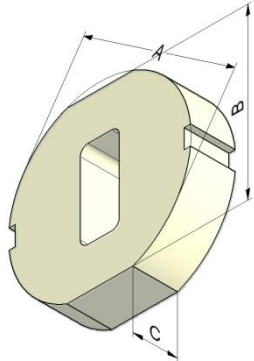
TD-00077

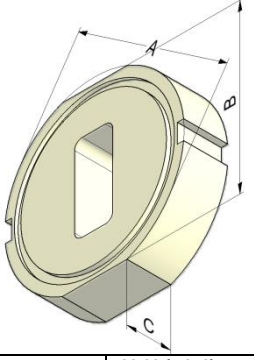
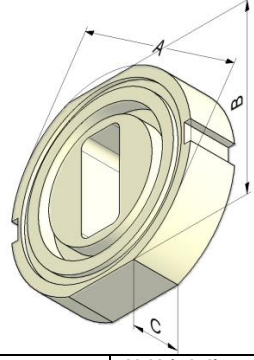
WR 62	R 140	WG 18
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		International	
		plain	
		IEC 60154-2:1997	
		60154 IEC-UER 140	
			
		A	29,00
		B	37,00
		E	10,00
		F	
		G	6,00
		H	14,00
		Hole I	Ø3,00
		Hole J	
		C	4,00
		Material	

International	International	International	
plain	plain	sealing groove	
IEC 60154-2:2016	IEC 60154-2:1997	IEC 60154-2:2016	
60154 IEC-UDR 140	60154 IEC-RDR 140	60154 IEC-PDR 140	
			
A	A	A	
36,50 (1.437)	36,50	36,5 (1.437)	
B	B	B	
44,50 (1.752)	44,50	44,5 (1.752)	
E	E	E	
12,70 (0.500)	12,70	12,7 (0.500)	
F	F	F	
G	G	G	
5,97 (0.235)	5,97	5,97 (0.235)	
H	H	H	
16,67 (0.656)	16,67	16,67 (0.656)	
Hole I	Hole I	Hole I	
Ø4,00 (Ø0.158)	Ø4,00	Ø4,00 (Ø0.158)	
Hole J	Hole J	Hole J	
C	C	C	
7,50 (0.295)	7,50	7,50 (0.295)	
Material	Material	Material	
F40712		F40483	

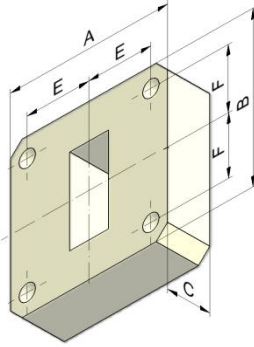
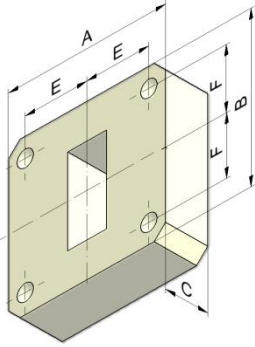
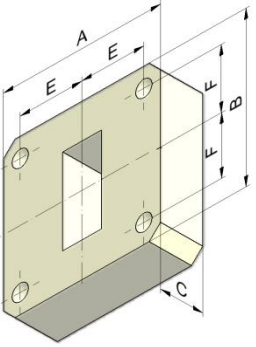
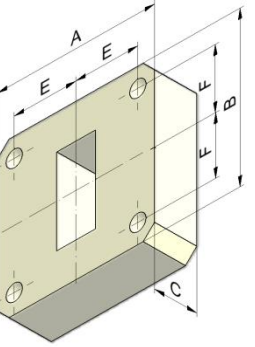
TD-00077

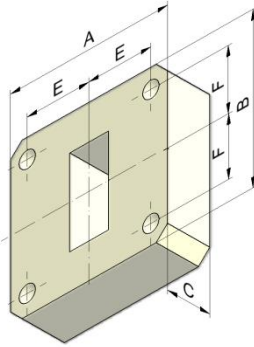
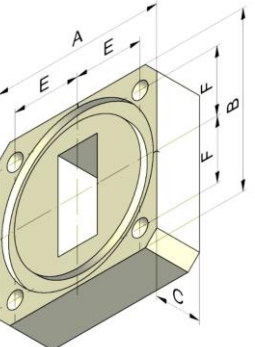
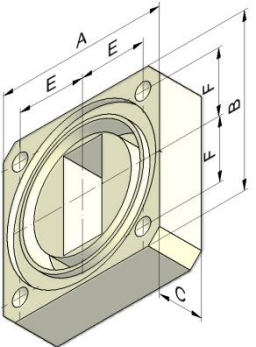
WR 62		R 140		WG 18	
				UK	
				plain	
				UCR 140	
					
				A	33,32 (1.312)
				B	30,99 (1.220)
				E	
				F	
				G	
				H	
				Hole I	
				Hole J	
				C	
				Material	

UK		UK	
sealing groove		choke/sealing groove	
DEF-5352:1958		DEF-5352:1958	
RR/B611047		RR/B611046	
			
A	33,32 (1.312)	A	33,32 (1.312)
B	30,99 (1.220)	B	30,99 (1.220)
E		E	
F		F	
G		G	
H		H	
Hole I		Hole I	
Hole J		Hole J	
C		C	
Material	Cu alloy	Material	Cu alloy
NSN 5985-99-011-9662		NSN 5985-99-011-9663	

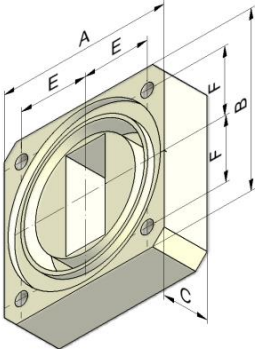
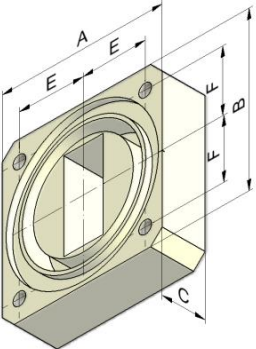
TD-00077

WR 51	R 180	WG 19
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USA plain	USA plain	USA plain	USA plain
MIL-DTL-3922/70C	MIL-DTL-3922/70C	MIL-DTL-3922/70C	MIL-DTL-3922/70C
M3922/70-010	M3922/70-011	M3922/70-022	M3922/70-023
			
A 33,32 (1.312)	A 33,32 (1.312)	A 33,32 (1.312)	A 33,32 (1.312)
B 33,32 (1.312)	B 33,32 (1.312)	B 33,32 (1.312)	B 33,32 (1.312)
E 12,62 (0.497)	E 12,62 (0.497)	E 12,62 (0.497)	E 12,62 (0.497)
F 12,14 (0.478)	F 12,14 (0.478)	F 12,14 (0.478)	F 12,14 (0.478)
G	G	G	G
H	H	H	H
Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)
Hole J	Hole J	Hole J	Hole J
C 6,35 (0.250)	C 6,35 (0.250)	C 4,75 (0.187)	C 4,75 (0.187)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

International plain	International sealing groove	International choke/sealing groove	
IEC 60154-2:1997	IEC 60154-2:1997	IEC 60154-2:1997	
60154 IEC-UBR 180	60154 IEC-PBR 180	60154 IEC-CBR 180	
			
A 30,10	A 30,10	A 30,10	
B 30,10	B 30,10	B 30,10	
E 11,25	E 11,25	E 11,25	
F 10,285	F 10,285	F 10,285	
G	G	G	
H	H	H	
Hole I Ø4,00	Hole I Ø4,00	Hole I Ø4,00	
Hole J	Hole J	Hole J	
C 4,10	C 4,10	C 4,10	
Material	Material	Material	
F40842	F41236		

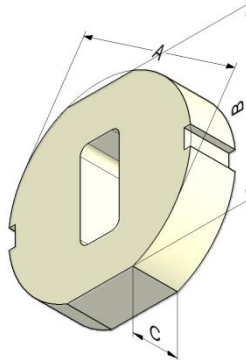
WR 51	R 180	WG 19
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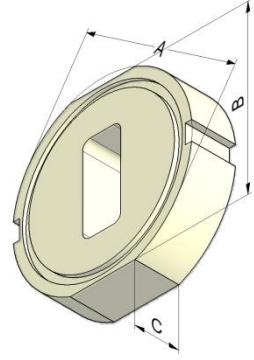
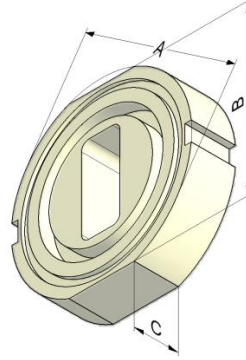
canceled w/o replacement	canceled w/o replacement				
USA	USA				
choke/sealing groove	choke/sealing groove				
MIL-F-3922/69	MIL-F-3922/69				
M3922/69-004	M3922/69-005 & 006				
					
A 33,32 (1.312)	A 33,32 (1.312)				
B 33,32 (1.312)	B 33,32 (1.312)				
E 12,62 (0.497)	E 12,62 (0.497)				
F 12,14 (0.478)	F 12,14 (0.478)				
G	G				
H	H				
Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B				
Hole J	Hole J				
C 4,75 (0.187)	C 4,75 (0.187)				
Material Cu alloy	Material Al alloy 6061 & 6063				

[illegible]

TD-00077

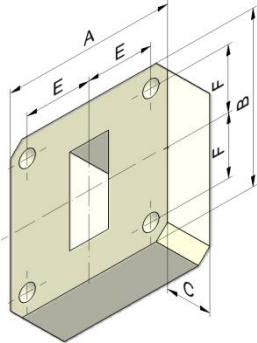
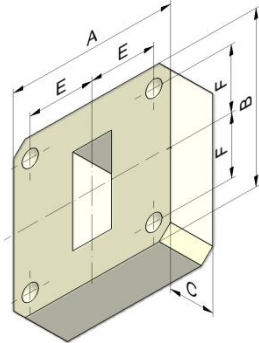
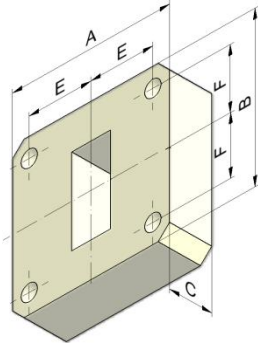
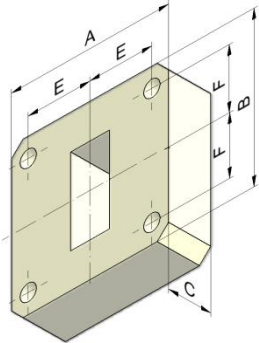
WR 51	R 180	WG 19
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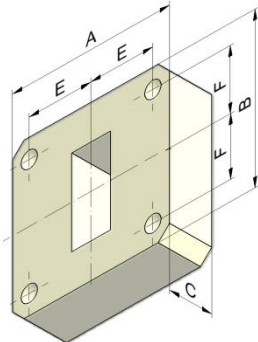
		UK	
		plain	
		UCR 180	
			
		A	28,56 (1.125)
		B	25,40 (1.000)
		E	
		F	
		G	
		H	
		Hole I	
		Hole J	
		C	
		Material	

UK		UK	
sealing groove		choke/sealing groove	
DEF-5352:1958		DEF-5352:1958	
RR/B611246		RR/B611245	
			
A	28,56 (1.125)	A	28,56 (1.125)
B	25,40 (1.000)	B	25,40 (1.000)
E		E	
F		F	
G		G	
H		H	
Hole I		Hole I	
Hole J		Hole J	
C		C	
Material	Cu alloy	Material	Cu alloy
NSN 5985-99-011-9664		NSN 5985-99-011-9665	

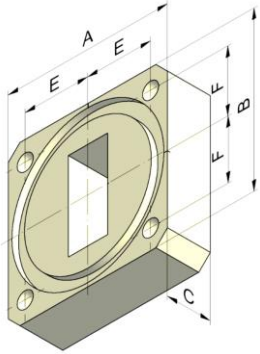
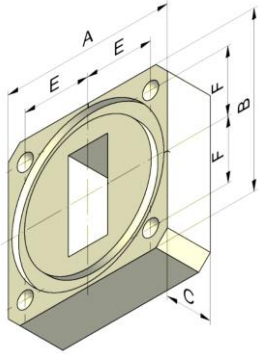
TD-00077

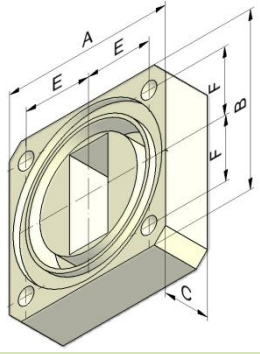
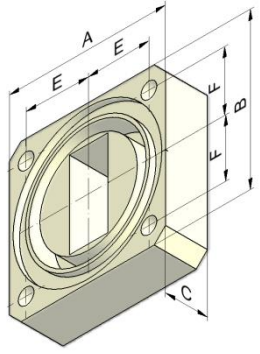
WR 42	R 220	WG 20
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inactive for new design	inactive for new design	USA	USA
USA	USA	USA	USA
plain	plain	plain	plain
MIL-DTL-3922/54E	MIL-DTL-3922/54E	MIL-DTL-3922/70C	MIL-DTL-3922/70C
M3922/54-001	M3922/54-002	M3922/70-027	M3922/70-028
			
A 22,22 (0.875)	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 8,51 (0.335)	E 8,51 (0.335)	E 8,51 (0.335)	E 8,51 (0.335)
F 8,13 (0.320)	F 8,13 (0.320)	F 8,13 (0.320)	F 8,13 (0.320)
G	G	G	G
H	H	H	H
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	Hole J	Hole J	Hole J
C 4,78 (0.188)	C 4,78 (0.188)	C 3,96 (0.156)	C 3,96 (0.156)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy
UG-595/U	UG-597/U		

		International	
		plain	
		IEC 60154-2:2016	
		60154 IEC-UBR 220	
			
		A 22,40 (0.880)	
		B 22,40 (0.880)	
		E 8,51 (0.335)	
		F 8,13 (0.320)	
		G	
		H	
		Hole I Ø3,00 (Ø0.118)	
		Hole J	
		C 4,10 (0.160)	
		Material	
		F40487, F41726	

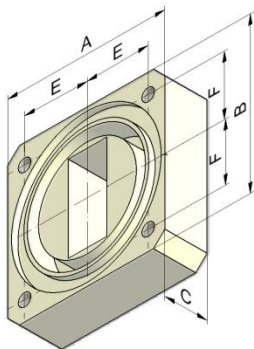
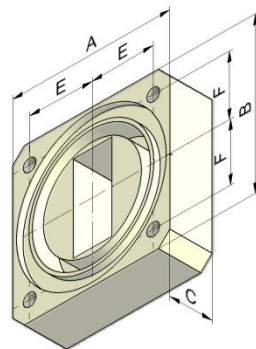
TD-00077

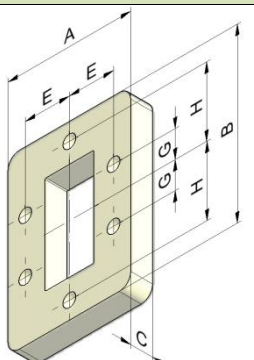
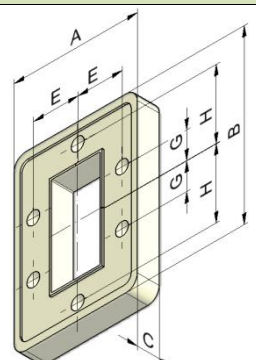
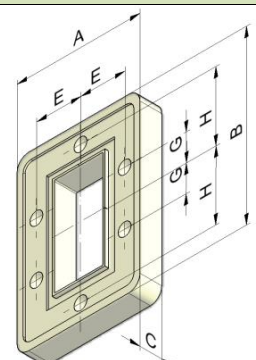
WR 42		R 220		WG 20	
		International		UK	
		sealing groove		sealing groove	
		IEC 60154-2:2016		DEF-5352:1958	
		60154 IEC-PBR 220		RR/B611442	
					
		A	22,40 (0.880)	A	22,23 (0.875)
		B	22,40 (0.880)	B	22,23 (0.875)
		E	8,51 (0.335)	E	8,51 (0.335)
		F	8,13 (0.320)	F	8,13 (0.320)
		G		G	
		H		H	
		Hole I	Ø3,00 (Ø0.118)	Hole I	
		Hole J		Hole J	
		C	4,10 (0.160)	C	
		Material		Material	Cu alloy
		F40492, F41772		NSN 5985-99-011-9658	

		International		UK	
		choke/sealing groove		choke/sealing groove	
		IEC 60154-2:2016		DEF-5352:1958	
		60154 IEC-CBR 220		RR/B611441	
					
		A	22,40 (0.880)	A	22,23 (0.875)
		B	22,40 (0.880)	B	22,23 (0.875)
		E	8,51 (0.335)	E	8,51 (0.335)
		F	8,13 (0.320)	F	8,13 (0.320)
		G		G	
		H		H	
		Hole I	Ø3,00 (Ø0.118)	Hole I	
		Hole J		Hole J	
		C	4,10 (0.160)	C	
		Material		Material	Cu alloy
		F41241		NSN 5985-99-011-9659	

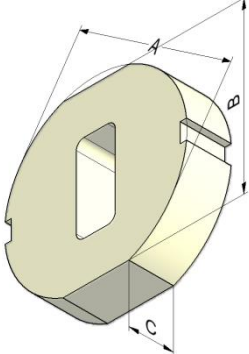
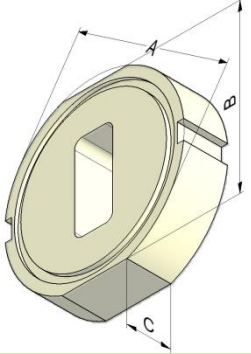
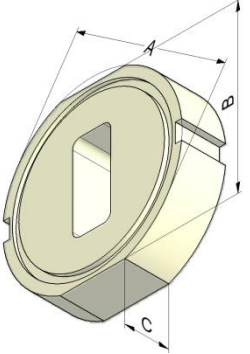
TD-00077

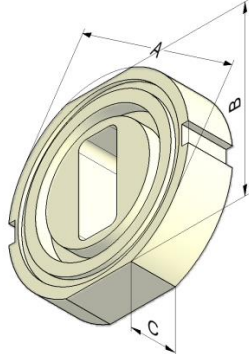
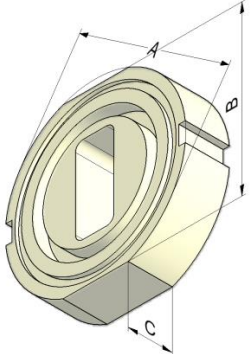
WR 42	R 220	WG 20
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USA	USA		
choke/sealing groove	choke/sealing groove		
MIL-DTL-3922/59F	MIL-DTL-3922/59F		
M3922/59-003	M3922/59-004		
			
A 22,23 (0.875)	A 22,23 (0.875)		
B 22,23 (0.875)	B 22,23 (0.875)		
E 8,51 (0.335)	E 8,51 (0.335)		
F 8,13 (0.320)	F 8,13 (0.320)		
G	G		
H	H		
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B		
Hole J	Hole J		
C 3,96 (0.156)	C 3,96 (0.156)		
Material Cu alloy	Material Al alloy		
UG-596A/U	UG-598A/U		

International	International	International	
plain	plain	sealing groove	
IEC 60154-2:1997	IEC 60154-2:1997	IEC 60154-2:1997	
60154 IEC-UDR 220	60154 IEC-RDR 220	60154 IEC-PDR 220	
			
A 32,00	A 32,00	A 32,00	
B 38,00	B 38,00	B 38,00	
E 10,00	E 10,00	E 10,00	
F	F	F	
G 5,10	G 5,10	G 5,10	
H 14,00	H 14,00	H 14,00	
Hole I Ø3,00	Hole I Ø3,00	Hole I Ø3,00	
Hole J	Hole J	Hole J	
C 6,50	C 6,50	C 6,50	
Material	Material	Material	
F41159		F41156	

TD-00077

WR 42		R 220		WG 20	
UK plain		International sealing groove IEC 60154-2:2016 60154 IEC-PCR 220		UK sealing groove DEF-5352:1958 RR/B611482	
UCR 220					
					
A	21,60 (0.851)	A	21,60 (0.850)	A	21,60 (0.851)
B	19,30 (0.760)	B	19,30 (0.760)	B	19,30 (0.760)
E		E		E	
F		F		F	
G		G		G	
H		H		H	
Hole I		Hole I		Hole I	
Hole J		Hole J		Hole J	
C		C	4,83 (0.190)	C	
Material		Material		Material	Cu alloy
				NSN 5985-99-011-9666	

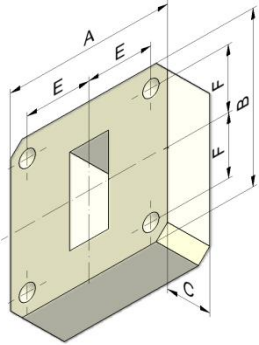
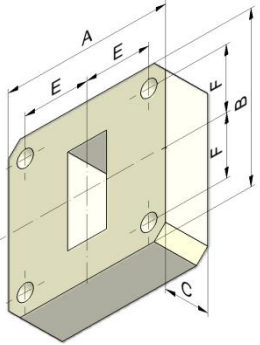
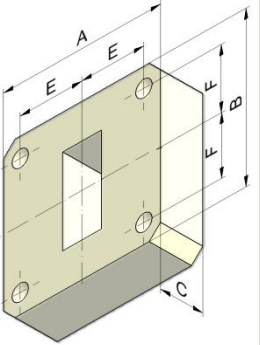
UK choke/sealing groove		UK choke/sealing groove DEF-5352:1958 RR/B611481			
CCR 220					
					
A	21,60 (0.851)	A	21,60 (0.851)		
B	19,30 (0.760)	B	19,30 (0.760)		
E		E			
F		F			
G		G			
H		H			
Hole I		Hole I			
Hole J		Hole J			
C		C			
Material		Material	Cu alloy		
		NSN 5985-99-011-9667			

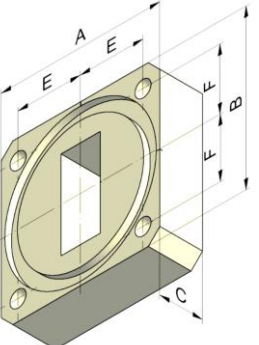
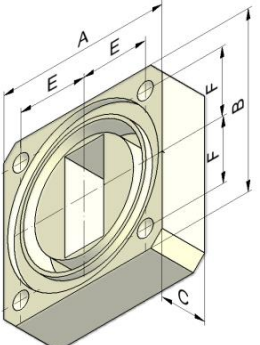
WR 42	R 220	WG 20
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[illegible]

TD-00077

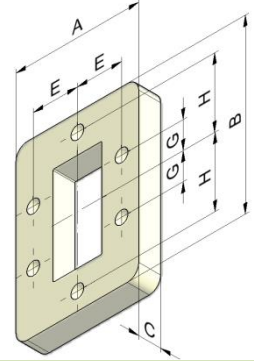
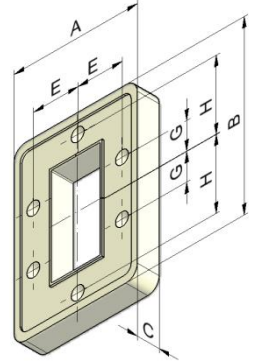
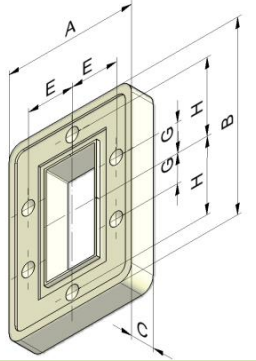
WR 34	R 260	WG 21
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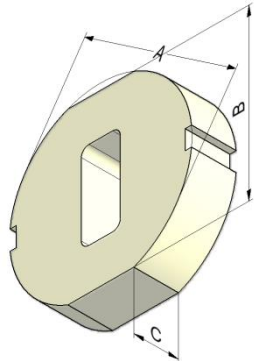
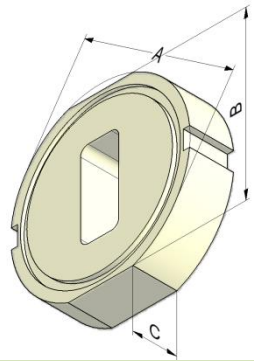
inactive for new design	inactive for new design	International	
USA	USA	plain	
plain	plain		
MIL-F-3922/63B	MIL-F-3922/63B	IEC 60154-2:1997	
M3922/63-009	M3922/63-010	60154 IEC-UBR 260	
			
A 22,23 (0.875)	A 22,23 (0.875)	A 22,10	
B 22,23 (0.875)	B 22,23 (0.875)	B 22,10	
E 8,51 (0.335)	E 8,51 (0.335)	E 7,90	
F 8,13 (0.320)	F 8,13 (0.320)	F 7,50	
G	G	G	
H	H	H	
Hole I Ø2,95 (Ø0.116)	Hole I Ø2,95 (Ø0.116)	Hole I Ø3,00	
Hole J	Hole J	Hole J	
C 4,75 (0.187)	C 4,75 (0.187)	C 4,10	
Material Cu alloy	Material Al alloy	Material	
UG-1530/U		F41763, F41763-1	

International	International	International	
sealing groove		choke/sealing groove	
IEC 60154-2:1997		IEC 60154-2:1997	
60154 IEC-PBR 260		60154 IEC-CBR 260	
			
A 22,10		A 22,10	
B 22,10		B 22,10	
E 7,90		E 7,90	
F 7,50		F 7,50	
G		G	
H		H	
Hole I Ø3,00		Hole I Ø3,00	
Hole J		Hole J	
C 4,10		C 4,10	
Material		Material	
F41773, F41773-1			

TD-00077

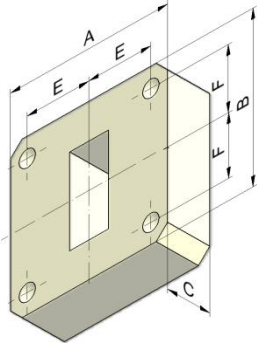
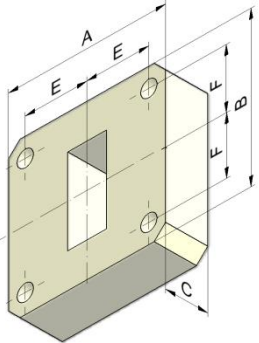
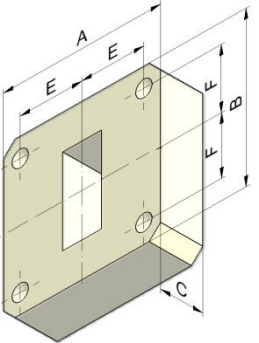
WR 34	R 260	WG 21
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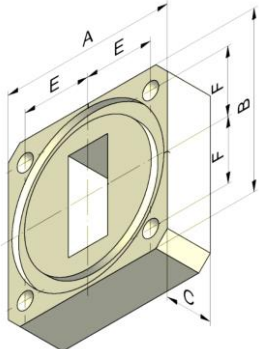
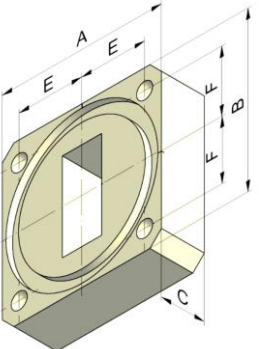
International plain	International plain	International sealing groove	
IEC 60154-2:1997	IEC 60154-2:1997	IEC 60154-2:1997	
60154 IEC-UDR 260	60154 IEC-RDR 260	60154 IEC-PDR 260	
			
A 32,00	A 32,00	A 32,00	
B 36,00	B 36,00	B 36,00	
E 10,00	E 10,00	E 10,00	
F	F	F	
G 5,10	G 5,10	G 5,10	
H 13,00	H 13,00	H 13,00	
Hole I Ø3,00	Hole I Ø3,00	Hole I Ø3,00	
Hole J	Hole J	Hole J	
C 6,50	C 6,50	C 6,50	
Material	Material	Material	

UK plain		International sealing groove	
		IEC 60154-2:2016	
UCR 260		60154 IEC-PCR 260	
			
A 21,59 (0,850)		A 21,60 (0,850)	
B 19,30 (0,760)		B 19,30 (0,760)	
E		E	
F		F	
G		G	
H		H	
Hole I		Hole I	
Hole J		Hole J	
C		C 4,83 (0,190)	
Material		Material	

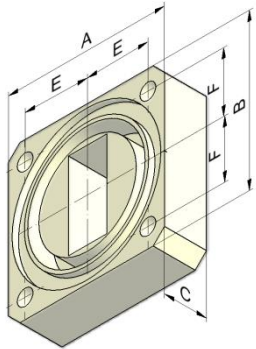
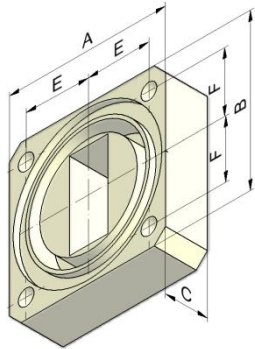
TD-00077

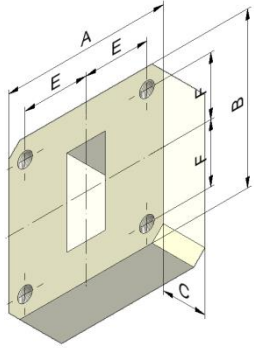
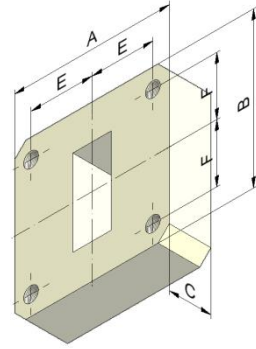
WR 28	R 320	WG 22
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inactive for new design			
USA	USA	International	
plain	plain	plain	
MIL-DTL-3922/54E	MIL-DTL-3922/68A	IEC 60154-2:2016	
M3922/54-003	M3922/68-001	60154 IEC-UBR 320	
			
A 19,05 (0.750)	A 19,05 (0.750)	A 19,10 (0.750)	
B 19,05 (0.750)	B 19,05 (0.750)	B 19,10 (0.750)	
E 6,73 (0.265)	E 6,73 (0.265)	E 6,73 (0.265)	
F 6,35 (0.250)	F 6,35 (0.250)	F 6,35 (0.250)	
G	G	G	
H	H	H	
Hole I Ø2,95 (Ø0.116)	Hole I Ø2,95 (Ø0.116)	Hole I Ø3,00 (Ø0.118)	
Hole J	Hole J	Hole J	
C 4,75 (0.187)	C 3,96 (0.156)	C 2,80 (0.110)	
Material Cu alloy	Material Cu alloy	Material	
		F40488	
UG-599/U			

		International	UK
		sealing groove	sealing groove
		IEC 60154-2:2016	DEF-5352:1958
		60154 IEC-PBR 320	TR/B610358
			
		A 19,10 (0.750)	A 19,81 (0.780)
		B 19,10 (0.750)	B 19,81 (0.780)
		E 6,73 (0.265)	E 6,73 (0.265)
		F 6,35 (0.250)	F 6,35 (0.250)
		G	G
		H	H
		Hole I Ø3,00 (Ø0.118)	Hole I
		Hole J	Hole J
		C 2,80 (0.110)	C
		Material	Material Cu alloy
		F40493	
			NSN 5985-99-012-4834

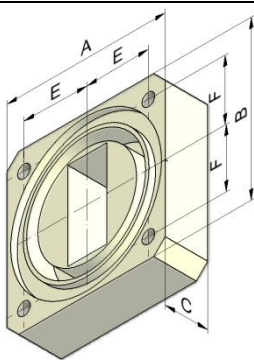
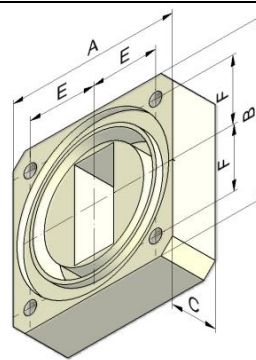
TD-00077

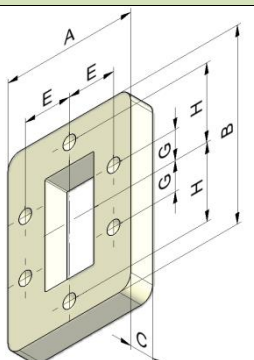
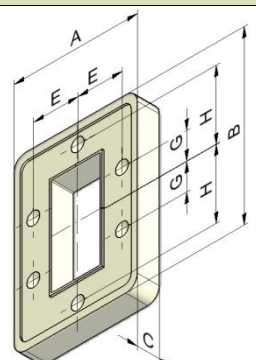
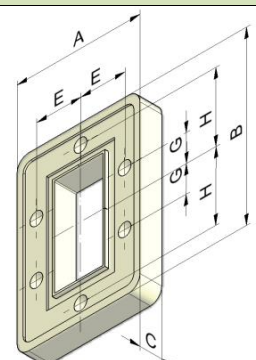
WR 28		R 320		WG 22	
		International		UK	
		choke/sealing groove		choke/sealing groove	
		IEC 60154-2:2016		DEF-5352:1958	
		60154 IEC-CBR 320		TR/B610357	
					
		A	19,10 (0.750)	A	19,81 (0.780)
		B	19,10 (0.750)	B	19,81 (0.780)
		E	6,73 (0.265)	E	6,73 (0.265)
		F	6,35 (0.250)	F	6,35 (0.250)
		G		G	
		H		H	
		Hole I	Ø3,00 (Ø0.118)	Hole I	
		Hole J		Hole J	
		C	2,80 (0.110)	C	
		Material		Material	Cu alloy
		F41243		NSN 5985-99-012-4835	

USA plain		USA sealing groove			
MIL-DTL-3922/68A		MIL-DTL-3922/68A			
M3922/68-002		M3922/68-003			
					
A	19,05 (0.750)	A	19,05 (0.750)		
B	19,05 (0.750)	B	19,05 (0.750)		
E	6,73 (0.265)	E	6,73 (0.265)		
F	6,35 (0.250)	F	6,35 (0.250)		
G		G			
H		H			
Hole I	0.112-40 UNC-2B	Hole I	0.112-40 UNC-2B		
Hole J		Hole J			
C	3,96 (0.156)	C	3,96 (0.156)		
Material	Cu alloy	Material	Cu alloy		

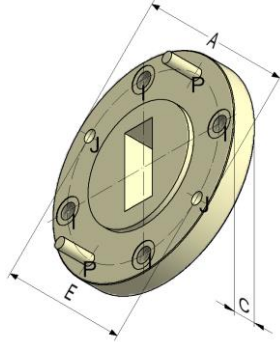
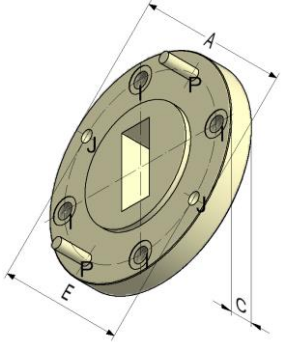
TD-00077

WR 28	R 320	WG 22
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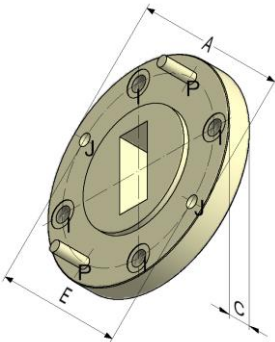
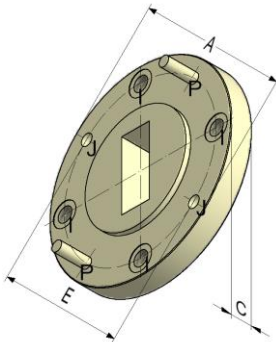
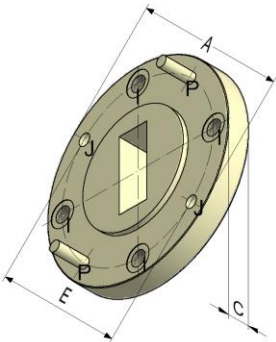
USA	USA		
choke/sealing groove	choke/sealing groove		
MIL-DTL-3922/59F	MIL-DTL-3922/59F		
M3922/59-005	M3922/59-012		
			
A 19,05 (0.750)	A 19,05 (0.750)		
B 19,05 (0.750)	B 19,05 (0.750)		
E 6,73 (0.265)	E 6,73 (0.265)		
F 6,35 (0.250)	F 6,35 (0.250)		
G	G		
H	H		
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B		
Hole J	Hole J		
C 2,77 (0.109)	C 3,96 (0.156)		
Material Cu alloy	Material Cu alloy		
UG-600A/U			

International	International	International	
plain	plain	sealing groove	
IEC 60154-2:1997	IEC 60154-2:1997	IEC 60154-2:1997	
60154 IEC-UDR 320	60154 IEC-RDR 320	60154 IEC-PDR 320	
			
A 31,00	A 31,00	A 31,00	
B 34,00	B 34,00	B 34,00	
E 9,70	E 9,70	E 9,70	
F	F	F	
G 5,10	G 5,10	G 5,10	
H 12,20	H 12,20	H 12,20	
Hole I Ø3,00	Hole I Ø3,00	Hole I Ø3,00	
Hole J	Hole J	Hole J	
C 6,50	C 6,50	C 6,50	
Material	Material	Material	

WR 28	R 320	WG 22
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USA	USA		
plain	plain		
MIL-DTL-3922/67E	MIL-DTL-3922/67E		
M3922/67-005	M3922/67-012		
			
A	28,580 (1.1250)	A	28,580 (1.1250)
B		B	
E	23,812 (0.9375)	E	23,812 (0.9375)
F		F	
G		G	
Hole I	0.112-40 UNC-2B	Hole I	0.112-40 UNC-2B
Hole J	Ø1,700 (Ø0.0670)	Hole J	Ø1,700 (Ø0.0670)
Pin P	Ø1,562 (Ø0.0615)	Pin P	Ø1,562 (Ø0.0615)
C	4,064 (0.1600)	C	4,064 (0.1600)
Material	Cu alloy	Material	Al alloy

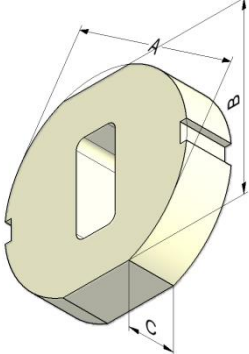
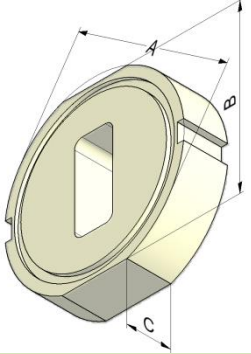
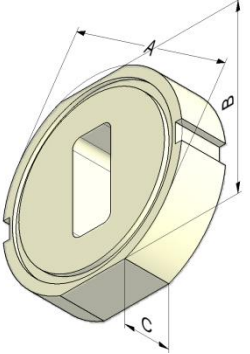
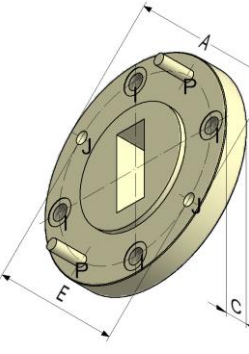
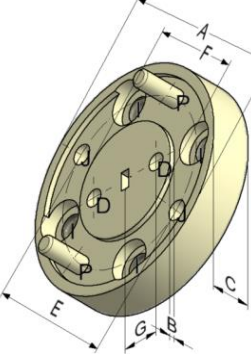
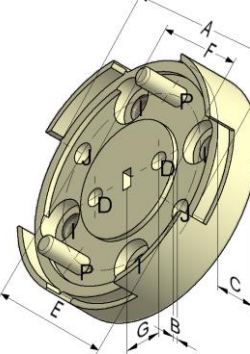
WR 22	R 400	WG 23
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superseded by /67-006		USA		USA			
plain		plain		plain			
MIL-DTL-3922/67E		MIL-DTL-3922/67E		MIL-DTL-3922/67E			
M3922/67-001		M3922/67-006		M3922/67-013			
							
A	28.580 (1.1250)	A	28.580 (1.1250)	A	28.580 (1.1250)		
B		B		B			
E	23,812 (0.9375)	E	23,812 (0.9375)	E	23,812 (0.9375)		
F		F		F			
G		G		G			
Hole I	0.112-40 UNC-2B	Hole I	0.112-40 UNC-2B	Hole I	0.112-40 UNC-2B		
Hole J	Ø1.700 (Ø0.0670)	Hole J	Ø1.700 (Ø0.0670)	Hole J	Ø1.700 (Ø0.0670)		
Pin P	Ø1.562 (Ø0.0615)	Pin P	Ø1.562 (Ø0.0615)	Pin P	Ø1.562 (Ø0.0615)		
C	4,064 (0.1600)	C	4,064 (0.1600)	C	4,064 (0.1600)		
Material	Cu alloy	Material	Cu alloy	Material	Al alloy		
UG-383/U							

WR 22	R 400	WG 23
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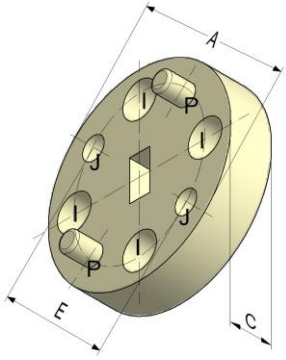
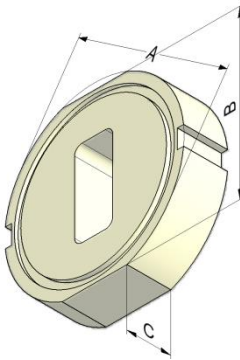
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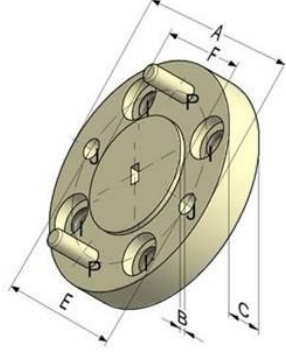
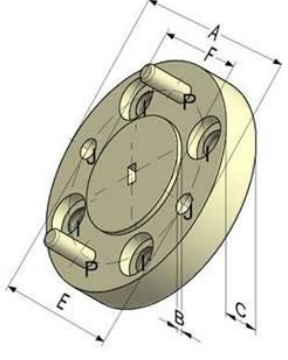
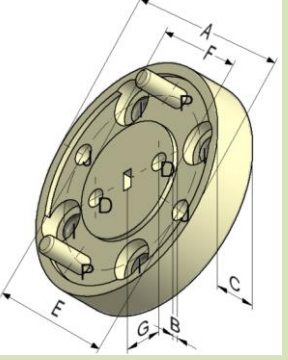
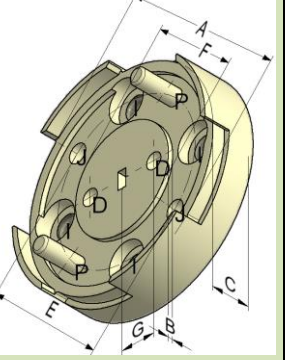
TD-00077

WR 19		R 500		WG 24	
UK plain		International sealing groove IEC 60154-2:2016 60154 IEC-PCR 500		UK sealing groove DEF-5352:1958 TR/A610148	
UCR 500					
					
A	15,00 (0.591)	A	14,99 (0.590)	A	15,00 (0.591)
B	12,45 (0.490)	B	12,44 (0.490)	B	12,45 (0.490)
E		E		E	
F		F		F	
G		G		G	
H		H		H	
Hole I		Hole I		Hole I	
Hole J		Hole J		Hole J	
C		C	3,63 (0.143)	C	
Material		Material		Material	Cu alloy
				NSN 5985-99-083-0026	
USA plain		International plain		International plain	
MIL-DTL-3922/67E M3922/67-007		IEC 60154-2:2016 60154 IEC-UFC 500		IEC 60154-2:2016 60154 IEC-UGC 500	
					
A	28,580 (1.1250)	A	19,050	A	19,150
B		B	0,500	B	1,500
E	23,812 (0.9375)	E	14,288	E	14,288
F		F	9,525	F	9,530
G		G	3,302	G	3,302
Hole I	0.112-40 UNC-2B	Hole I	0.112-40 UNC-2B	Hole I	0.112-40 UNC-2B
Hole J	Ø1,700 (Ø0.0670)	Hole J	Ø1,650	Hole J	Ø1,613
Pin P	Ø1,562 (Ø0.0615)	Hole D	Ø1,580	Pin P	Ø1,566
C	4,064 (0.1600)	C	4,000	C	3,500
Material	Cu alloy	Material		Material	
		F41747-1, -2, -3			

TD-00077

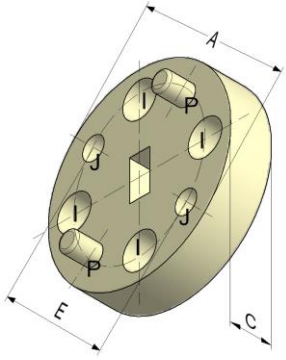
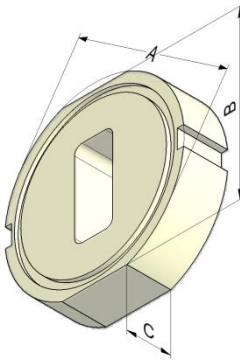
WR 15	R 620	WG 25
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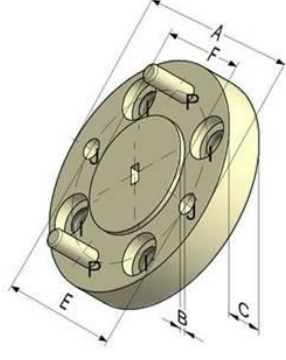
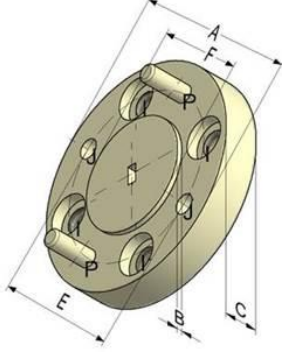
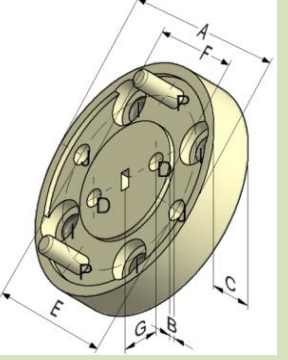
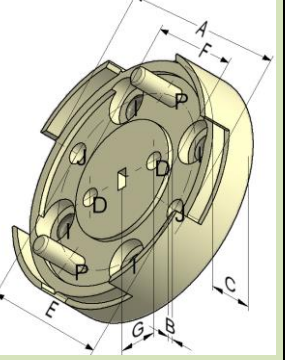
canceled w/o replacement			
USA		UK	
plain		sealing groove	
MIL-F-3922/66B		DEF-5352:1958	
M3922/66-002		RR/B610741	
			
A 14,270 (0.5620)		A 14,999 (0.5905)	
B		B 12,446 (0.4900)	
E 10,211 (0.4020)		E	
F		F	
G		G	
Hole I Ø2,640 (Ø0.1040)		H	
Hole J Ø1,687 (Ø0.0664)		Hole I	
Pin P Ø1,664 (Ø0.0655)		Hole J	
C 3,180 (0.1250)		C	
Material Cu alloy		Material Cu alloy	
UG-1523/U		NSN 5985-99-083-1613	

superseded by /67-008			
USA	USA	International	International
plain	plain	plain	plain
MIL-DTL-3922/67E	MIL-DTL-3922/67E	IEC 60154-2:2016	IEC 60154-2:2016
M3922/67-002	M3922/67-008	60154 IEC-UFC 620	60154 IEC-UGC 620
			
A 19,050 (0.7500)	A 19,050 (0.7500)	A 19,050	A 19,150
B 0,760 (0.0300)	B 0,760 (0.0300)	B 0,500	B 1,500
E 14,288 (0.5625)	E 14,288 (0.5625)	E 14,288	E 14,288
F 8,330 (0.3280)	F 9,530 (0.3750)	F 9,525	F 9,530
G	G	G 3,302	G 3,302
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 Ø1,700 (Ø0.0670)	Hole J Ø1,700 (Ø0.0670)	Hole J Ø1,650	Hole J Ø1,613
Pin P Ø1,562 (Ø0.0615)	Pin P Ø1,562 (Ø0.0615)	Hole D Ø1,580	Pin P Ø1,566
C 4,064 (0.1600)	C 4,064 (0.1600)	C 4,000	C 3,500
Material Cu alloy	Material Cu alloy	Material	Material
UG-385/U	F41745-1, -2, -3, -4	F41747-1, -2, -3	

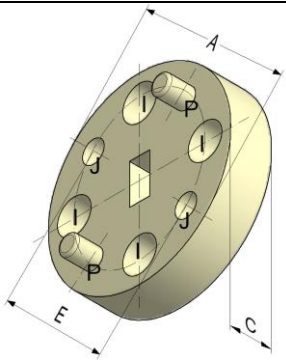
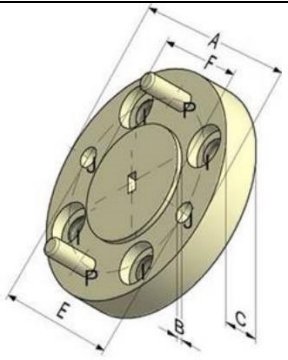
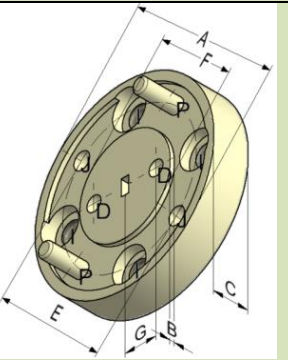
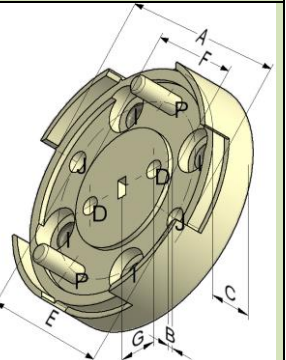
TD-00077

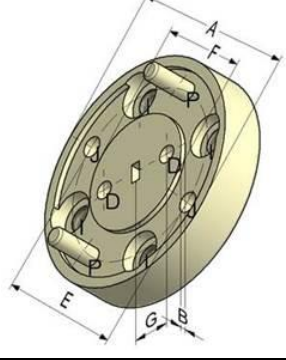
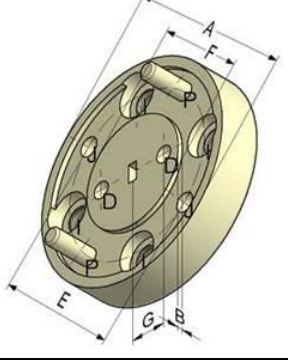
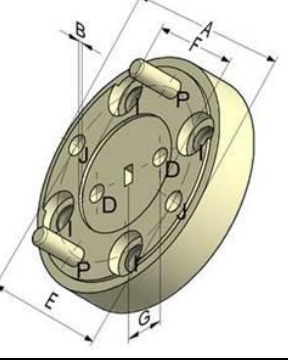
WR 12	R 740	WG 26
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canceled w/o replacement			
USA		UK	
plain		sealing groove	
MIL-F-3922/66B		DEF-5352:1958	
M3922/66-001		TR/A610164	
			
A 14,270 (0.5620)		A 14,999 (0.5905)	
B		B 12,446 (0.4900)	
E 10,211 (0.4020)		E	
F		F	
G		G	
Hole I Ø2,640 (Ø0.1040)		H	
Hole J Ø1,687 (Ø0.0664)		Hole I	
Pin P Ø1,664 (Ø0.0655)		Hole J	
C 3,180 (0.1250)		C	
Material Cu alloy		Material Cu alloy	
UG-1522/U		NSN 5985-99-083-0061	

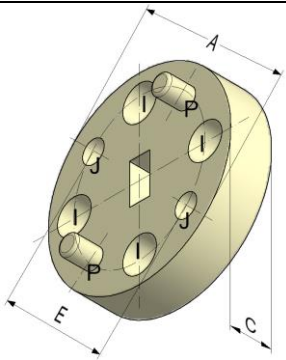
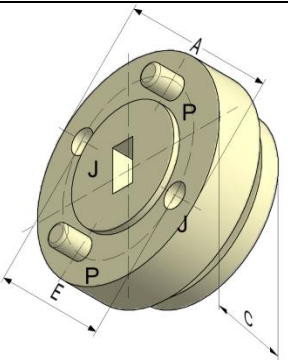
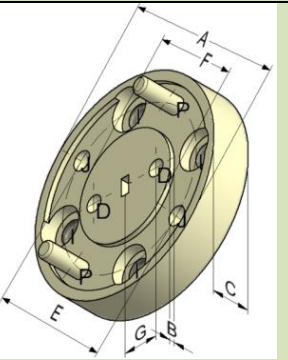
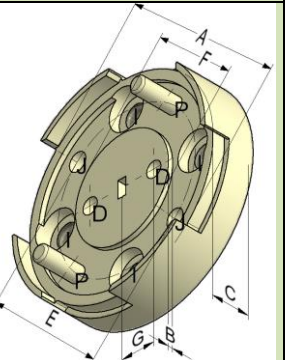
superseded by /67-009			
USA	USA	International	International
plain	plain	plain	plain
MIL-DTL-3922/67E	MIL-DTL-3922/67E	IEC 60154-2:2016	IEC 60154-2:2016
M3922/67-003	M3922/67-009	60154 IEC-UFC 740	60154 IEC-UGC 740
			
A 19,050 (0.7500)	A 19,050 (0.7500)	A 19,050	A 19,150
B 0,760 (0.0300)	B 0,760 (0.0300)	B 0,500	B 1,500
E 14,288 (0.5625)	E 14,288 (0.5625)	E 14,288	E 14,288
F 7,520 (0.2960)	F 9,530 (0.3750)	F 9,525	F 9,530
G	G	G 3,302	G 3,302
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 Ø1,700 (Ø0.0670)	Hole J Ø1,700 (Ø0.0670)	Hole J Ø1,650	Hole J Ø1,613
Pin P Ø1,562 (Ø0.0615)	Pin P Ø1,562 (Ø0.0615)	Hole D Ø1,580	Pin P Ø1,566
C 4,064 (0.1600)	C 4,064 (0.1600)	C 4,000	C 3,500
Material Cu alloy	Material Cu alloy	Material	Material
UG-387/U	F41745-1, -2, -3, -4	F41747-1, -2, -3	

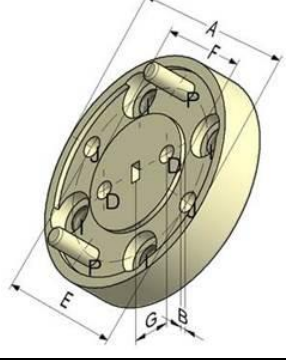
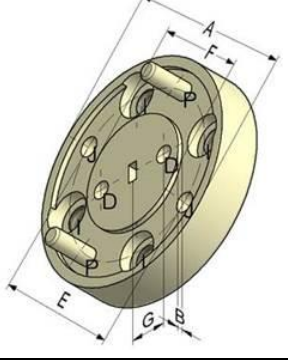
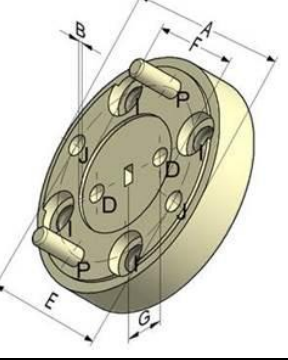
TD-00077

WR 10	R 900	WG 27	WM-2540
canceled w/o replacement			
USA	USA	International	International
plain	plain	plain	plain
MIL-F-3922/66B	MIL-DTL-3922/67E	IEC 60154-2:2016	IEC 60154-2:2016
M3922/66-007	M3922/67-010	60154 IEC-UFC 900	60154 IEC-UGC 900
			
A 14,270 (0.5620)	A 19,050 (0.7500)	A 19,050	A 19,150
B	B 0,760 (0.0300)	B 0,500	B 1,500
E 10,211 (0.4020)	E 14,288 (0.5625)	E 14,288	E 14,288
F	F 9,530 (0.3750)	F 9,525	F 9,530
G	G	G 3,302	G 3,302
Hole I Ø2,640 (Ø0.1040)	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,687 (Ø0.0664)	Hole J Ø1,700 (Ø0.0670)	Hole J Ø1,650	Hole J Ø1,613
Pin P Ø1,664 (Ø0.0655)	Pin P Ø1,562 (Ø0.0615)	Hole D Ø1,580	Pin P Ø1,566
C 3,180 (0.1250)	C 4,064 (0.1600)	C 4,000	C 3,500
Material Cu alloy	Material Cu alloy	Material	Material
	F41745-1, -2, -3, -4	F41747-1, -2, -3	
UG-1528/U			

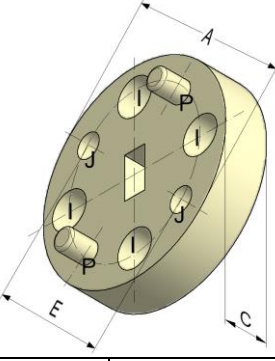
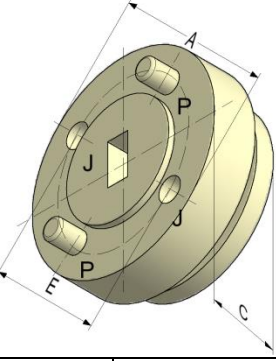
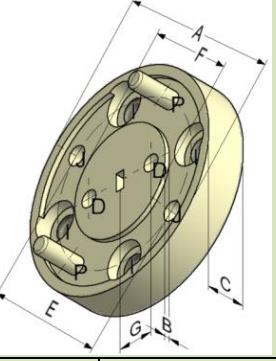
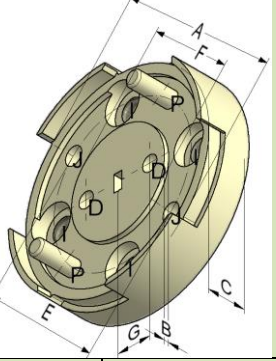
International	International	International	
plain	plain	plain	
IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	
IEEE 1785.2a	IEEE 1785.2b&2c Plug	IEEE 1785.2c Jack	
			
A 19,050	A 19,05	A 19,05	
B 0,762	B 1,275	B 0,711	
E 14,288	E 14,288	E 14,288	
F 9,652	F 9,652	F 9,660	
G 3,302	G 3,302	G 3,302	
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	
Hole J Ø1,702	Hole J Ø1,702	Hole J Ø1,702	
Pin P Ø1,562	Pin P Ø1,562	Pin P Ø1,562	
C	C	C	
Material	Material	Material	
F41747-1, -2, -3			

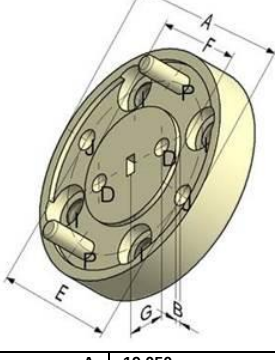
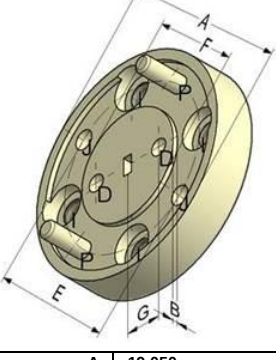
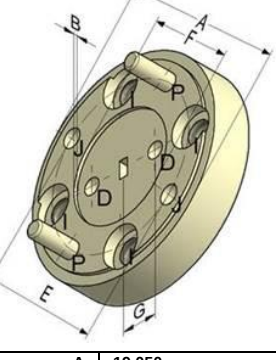
TD-00077

WR 8	R 1.2k	WG 28	WM-2032
canceled w/o replacement	canceled w/o replacement		
USA	USA	International	International
plain	plain	plain	plain
MIL-F-3922/66B	MIL-F-3922/74	IEC 60154-2:2016	IEC 60154-2:2016
M3922/66-006	M3922/74-001	60154 IEC-UFC 1.2k	60154 IEC-UGC 1.2k
			
A 14,270 (0.5620)	A 9,470 (0.3730)	A 19,050	A 19,150
B	B	B 0,500	B 1,500
E 10,211 (0.4020)	E 7,110 (0.2800)	E 14,288	E 14,288
F	F	F 9,525	F 9,530
G	G	G 3,302	G 3,302
Hole I Ø2,640 (Ø0.1040)	Hole I	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,687 (Ø0.0664)	Hole J Ø1,232 (Ø0.0485)	Hole J Ø1,650	Hole J Ø1,613
Pin P Ø1,664 (Ø0.0655)	Pin P Ø1,156 (Ø0.0455)	Hole D Ø1,580	Pin P Ø1,566
C 3,180 (0.1250)	C 11,050 (0.4350)	C 4,000	C 3,500
Material Cu alloy	Material Cu alloy	Material	Material
UG-1527/U		F41747-1, -2, -3	

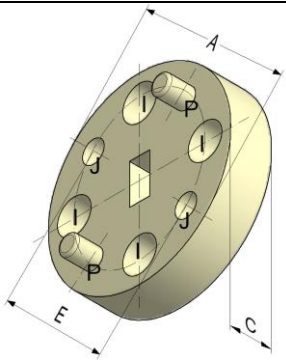
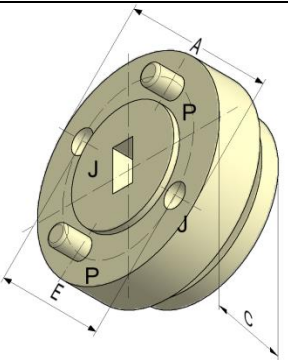
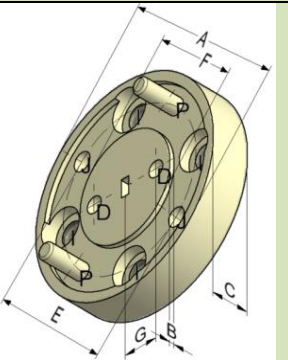
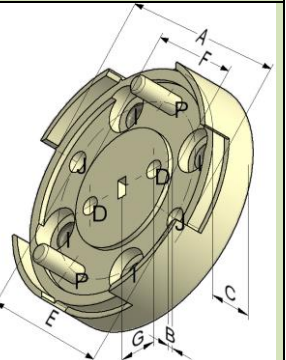
International	International	International	
plain	plain	plain	
IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	
IEEE 1785.2a	IEEE 1785.2b&2c Plug	IEEE 1785.2c Jack	
			
A 19,050	A 19,050	A 19,050	
B 0,762	B 1,275	B 0,711	
E 14,288	E 14,288	E 14,288	
F 9,652	F 9,652	F 9,660	
G 3,302	G 3,302	G 3,302	
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	
Hole J Ø1,702	Hole J Ø1,702	Hole J Ø1,702	
Pin P Ø1,562	Pin P Ø1,562	Pin P Ø1,562	
C	C	C	
Material	Material	Material	
F41747-1, -2, -3			

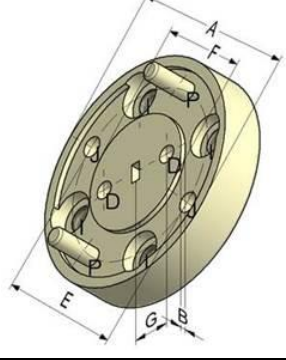
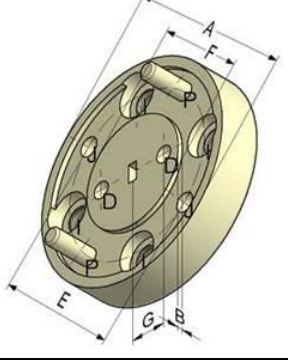
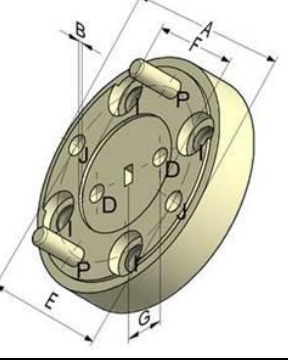
TD-00077

WR 7	R 1.4k	WG 29	WM-1651
canceled w/o replacement	canceled w/o replacement		
USA	USA	International	International
plain	plain	plain	plain
MIL-F-3922/66B	MIL-F-3922/74	IEC 60154-2:2016	IEC 60154-2:2016
M3922/66-004	M3922/74-002	60154 IEC-UFC 1.4k	60154 IEC-UGC 1.4k
			
A 14,270 (0.5620)	A 9,470 (0.3730)	A 19,050	A 19,150
B	B	B 0,500	B 1,500
E 10,211 (0.4020)	E 7,110 (0.2800)	E 14,288	E 14,288
F	F	F 9,525	F 9,530
G	G	G 3,302	G 3,302
Hole I Ø2,640 (Ø0.1040)	Hole I	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,687 (Ø0.0664)	Hole J Ø1,232 (Ø0.0485)	Hole J Ø1,650	Hole J Ø1,613
Pin P Ø1,664 (Ø0.0655)	Pin P Ø1,156 (Ø0.0455)	Hole D Ø1,580	Pin P Ø1,566
C 3,180 (0.1250)	C 11,050 (0.4350)	C 4,000	C 3,500
Material Cu alloy	Material Cu alloy	Material	Material
UG-1525/U		F41747-1, -2, -3	

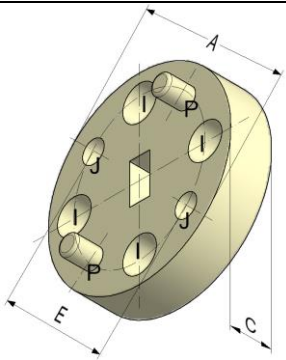
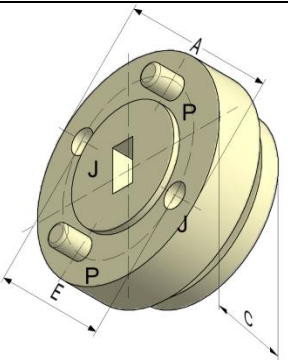
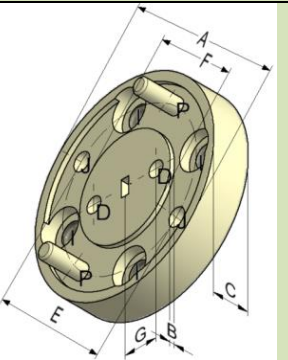
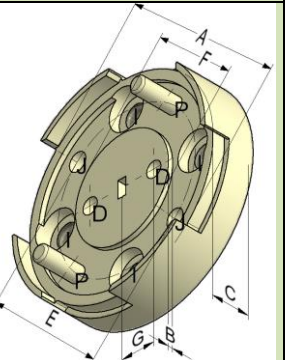
International	International	International	
plain	plain	plain	
IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	
IEEE 1785.2a	IEEE 1785.2b&2c Plug	IEEE 1785.2c Jack	
			
A 19,050	A 19,050	A 19,050	
B 0,762	B 1,275	B 0,711	
E 14,288	E 14,288	E 14,288	
F 9,652	F 9,652	F 9,660	
G 3,302	G 3,302	G 3,302	
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	
Hole J Ø1,702	Hole J Ø1,702	Hole J Ø1,702	
Pin P Ø1,562	Pin P Ø1,562	Pin P Ø1,562	
C	C	C	
Material	Material	Material	
F41747-1, -2, -3			

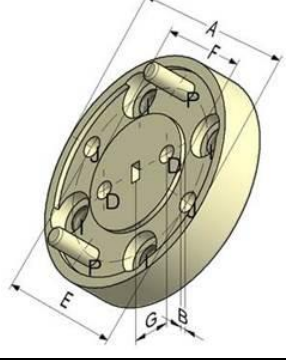
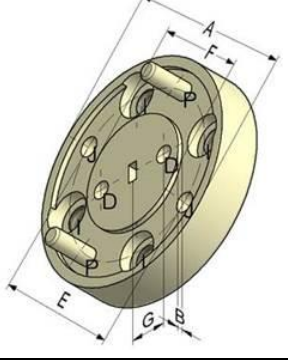
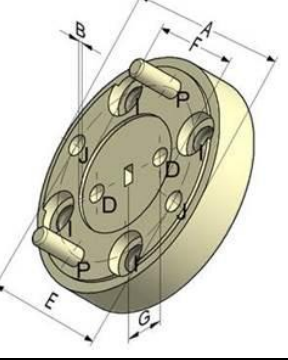
TD-00077

WR 5	R 1.8k	WG 30	WM-1295
canceled w/o replacement	canceled w/o replacement		
USA	USA	International	International
plain	plain	plain	plain
MIL-F-3922/66B	MIL-F-3922/74	IEC 60154-2:2016	IEC 60154-2:2016
M3922/66-003	M3922/74-003	60154 IEC-UFC 1.8k	60154 IEC-UGC 1.8k
			
A 14,270 (0.5620)	A 9,470 (0.3730)	A 19,050	A 19,150
B	B	B 0,500	B 1,500
E 10,211 (0.4020)	E 7,110 (0.2800)	E 14,288	E 14,288
F	F	F 9,525	F 9,530
G	G	G 3,302	G 3,302
Hole I Ø2,640 (Ø0.1040)	Hole I	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,687 (Ø0.0664)	Hole J Ø1,232 (Ø0.0485)	Hole J Ø1,650	Hole J Ø1,613
Pin P Ø1,664 (Ø0.0655)	Pin P Ø1,156 (Ø0.0455)	Hole D Ø1,580	Pin P Ø1,566
C 3,180 (0.1250)	C 11,050 (0.4350)	C 4,000	C 3,500
Material Cu alloy	Material Cu alloy	Material	Material
UG-1524/U		F41748	

International	International	International	
plain	plain	plain	
IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	
IEEE 1785.2a	IEEE 1785.2b&2c Plug	IEEE 1785.2c Jack	
			
A 19,050	A 19,050	A 19,050	
B 0,762	B 1,275	B 0,711	
E 14,288	E 14,288	E 14,288	
F 9,652	F 9,652	F 9,660	
G 3,302	G 3,302	G 3,302	
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	
Hole J Ø1,702	Hole J Ø1,702	Hole J Ø1,702	
Pin P Ø1,562	Pin P Ø1,562	Pin P Ø1,562	
C	C	C	
Material	Material	Material	
F41748			

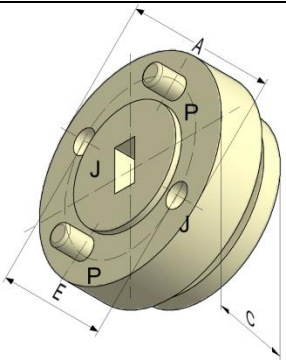
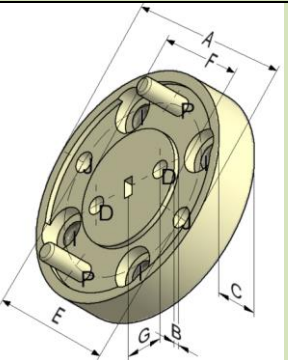
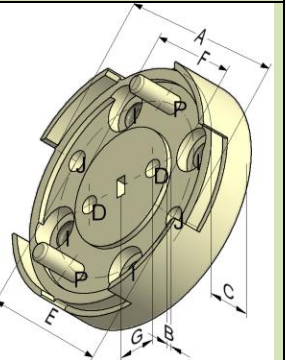
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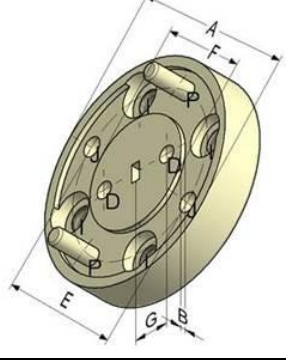
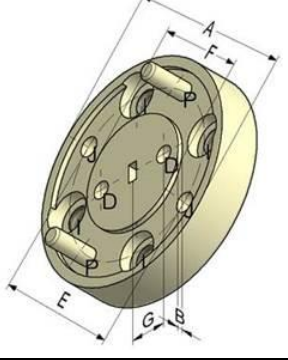
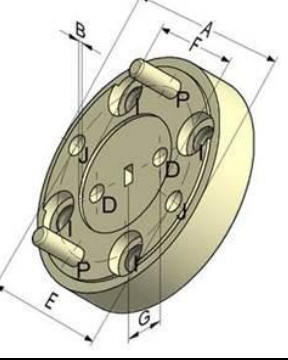
WR 4	R 2.2k	WG 31	WM-1092
canceled w/o replacement	canceled w/o replacement		
USA	USA	International	International
plain	plain	plain	plain
MIL-F-3922/66B	MIL-F-3922/74	IEC 60154-2:2016	IEC 60154-2:2016
M3922/66-005	M3922/74-004	60154 IEC-UFC 2.2k	60154 IEC-UGC 2.2k
			
A 14,270 (0.5620)	A 9,470 (0.3730)	A 19,050	A 19,150
B	B	B 0,500	B 1,500
E 10,211 (0.4020)	E 7,110 (0.2800)	E 14,288	E 14,288
F	F	F 9,525	F 9,530
G	G	G 3,302	G 3,302
Hole I Ø2,640 (Ø0.1040)	Hole I	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,687 (Ø0.0664)	Hole J Ø1,232 (Ø0.0485)	Hole J Ø1,650	Hole J Ø1,613
Pin P Ø1,664 (Ø0.0655)	Pin P Ø1,156 (Ø0.0455)	Hole D Ø1,580	Pin P Ø1,566
C 3,180 (0.1250)	C 11,050 (0.4350)	C 4,000	C 3,500
Material Cu alloy	Material Cu alloy	Material	Material
UG-1526/U		F41748	

International	International	International	
plain	plain	plain	
IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	
IEEE 1785.2a	IEEE 1785.2b&2c Plug	IEEE 1785.2c Jack	
			
A 19,050	A 19,050	A 19,050	
B 0,762	B 1,275	B 0,711	
E 14,288	E 14,288	E 14,288	
F 9,652	F 9,652	F 9,660	
G 3,302	G 3,302	G 3,302	
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	
Hole J Ø1,702	Hole J Ø1,702	Hole J Ø1,702	
Pin P Ø1,562	Pin P Ø1,562	Pin P Ø1,562	
C	C	C	
Material	Material	Material	
F41748			

TD-00077

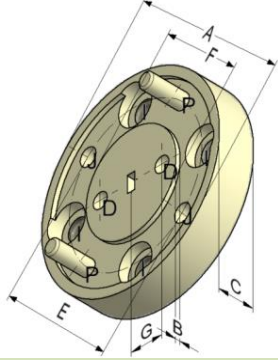
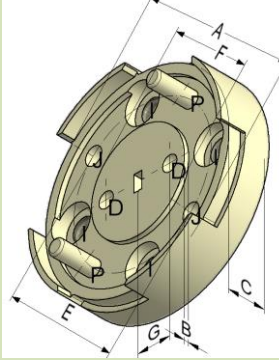
WR 3	R 2.6k	WG 32	WM-864
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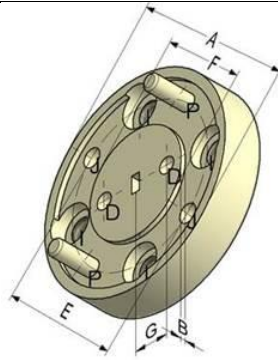
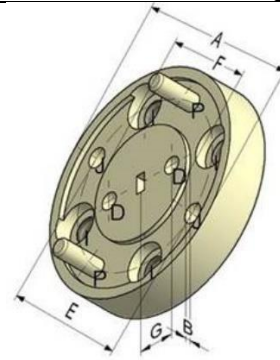
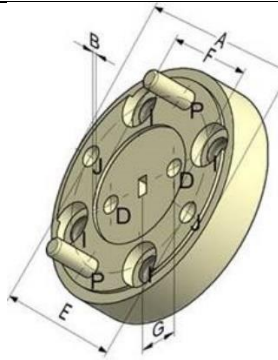
canceled w/o replacement			
USA		International	International
plain		plain	plain
MIL-F-3922/74		IEC 60154-2:2016	IEC 60154-2:2016
M3922/74-005		60154 IEC-UFC 2.6k	60154 IEC-UGC 2.6k
			
A 9,470 (0.3730)		A 19,050	A 19,150
B		B 0,500	B 1,500
E 7,110 (0.2800)		E 14,288	E 14,288
F		F 9,525	F 9,530
G		G 3,302	G 3,302
Hole I		Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,232 (Ø0.0485)		Hole J Ø1,650	Hole J Ø1,613
Pin P Ø1,156 (Ø0.0455)		Hole D Ø1,580	Pin P Ø1,566
C 11,050 (0.4350)		C 4,000	C 3,500
Material Cu alloy		Material F41748	Material

International	International	International	
plain	plain	plain	
IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	IEEE Std 1785.2-2016	
IEEE 1785.2a	IEEE 1785.2b&2c Plug	IEEE 1785.2c Jack	
			
A 19,050	A 19,050	A 19,050	
B 0,762	B 1,275	B 0,711	
E 14,288	E 14,288	E 14,288	
F 9,652	F 9,652	F 9,660	
G 3,302	G 3,302	G 3,302	
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B	
Hole J Ø1,702	Hole J Ø1,702	Hole J Ø1,702	
Pin P Ø1,562	Pin P Ø1,562	Pin P Ø1,562	
C	C	C	
Material F41748	Material	Material	

TD-00077

R 3.2k WM-710 to R 26k* WM-86

		International plain IEC 60154-2:2016 60154 IEC-UFC 3.2k to 26k		International plain IEC 60154-2:2016 60154 IEC-UGC 3.2k to 26k	
					
	A	19,050		A	19,150
	B	0,500		B	1,500
	E	14,288		E	14,288
	F	9,525		F	9,530
	G	3,302		G	3,302
	Hole I	0.112-40 UNC-2B		Hole I	0.112-40 UNC-2B
	Hole J	Ø1,650		Hole J	Ø1,613
	Hole D	Ø1,580		Pin P	Ø1,566
	C	4,000		C	3,500
	Material	F41748, F41758		Material	

International plain IEEE Std 1785.2-2016 IEEE 1785.2a		International plain IEEE Std 1785.2-2016 IEEE 1785.2b&2c Plug		International plain IEEE Std 1785.2-2016 IEEE 1785.2c Jack	
					
	A	19,050	A	19,050	A
	B	0,762	B	1,275	B
	E	14,288	E	14,288	E
	F	9,652	F	9,652	F
	G	3,302	G	3,302	G
	Hole I	0.112-40 UNC-2B	Hole I	0.112-40 UNC-2B	Hole I
	Hole J	Ø1,702	Hole J	Ø1,702	Hole J
	Pin P	Ø1,562	Pin P	Ø1,562	Pin P
	C		C		C
	Material	F41748, F41758	Material		Material

* In IEC 60154-2:2016 the waveguide R 26k is erroneously referred to as R 36k.