

TD-00077

FLANSCHEN FÜR RECHTECKHOHLLEITER MIT NORMALPROFIL

1. Einleitung

Rechteckhohlleiter mit Normalprofil (R-Querschnitt) zeichnen sich durch ein Breiten- zu Höhenverhältnis $a:b$ von näherungsweise 2:1 aus. Derartige Hohlleiter sind z.B. in IEC 60153-2, EIA RS-261, MOD UK DEF-5351 und MIL-DTL-85 genormt. Zur Verbindung von Normalprofilhohlleitern existiert eine ganze Reihe unterschiedlicher Hohlleiterflansche. Diese sind in den Normen IEC 60154-2, EIA RS-271, MIL-DTL-3922 und Weiteren im Detail maßlich festgelegt.

Zweck dieses Dokuments ist es, einen schnellen Überblick über die unterschiedlichen Formen der Flansche und ihre Hauptabmessungen zu geben.

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.

FLANGES FOR ORDINARY RECTANGULAR WAVEGUIDES

1. Introduction

Ordinary rectangular waveguides are characterized by a width-to-height ratio $a:b$ of approximately 2:1. Such waveguides are standardized e.g. in IEC 60153-2, EIA RS-261, MOD UK DEF-5351 and MIL-DTL-85.

For interconnection of ordinary waveguides there exists a whole bunch of different waveguide flanges. They are defined in detail by the standards IEC 60154-2, EIA RS-271, MIL-DTL-3922 and others.

The aim of this document is to provide a quick overview over the various flange geometries with their basic dimensions.

Great care has been bestowed in order to compile the flange data, nevertheless there might be a few mistakes. For design work it is thus necessary to check the corresponding standard.

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2. Legende zum Tabellenteil

2.1 Hohlleiterbezeichnungen

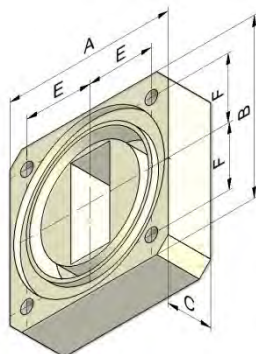
2. Explanation for the Tables

2.1 Waveguide designations

WR 2300	R 3	WG 00
EIA designation	IEC designation	UK designation

2.2 Flansch Beschreibungsfelder

2.2 Flange description fields

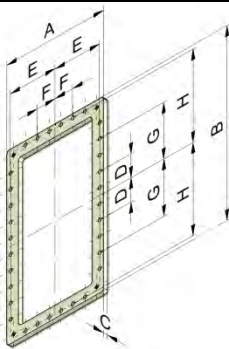
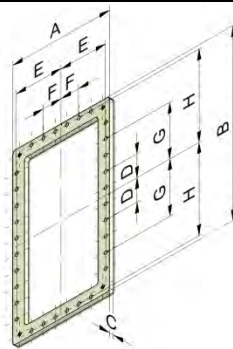
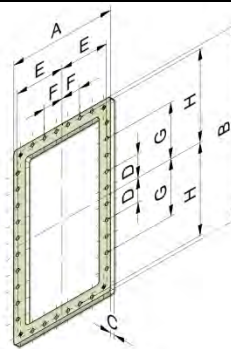
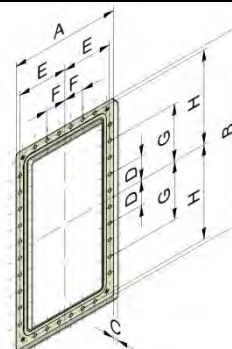
Normenstatus	canceled w/o replacement	Status of the standard																		
Ursprung	USA	Origin																		
Flanschausführung	choke/sealing groove	Flange style																		
Norm Normen wurden inklusive Ausgabestand angegeben. Ausnahme: Aus Platzgründen wurde „IEC 60154-2: 1980 + A1: 1997“ durch „IEC 60154-2“ abgekürzt.	MIL-DTL-3922/99F	Standard Standards are listed together with their issue status. Exception: For lack of space the standard „IEC 60154-2: 1980 + A1: 1997“ has been depicted as „IEC 60154-2“.																		
Flanschbezeichnung (historische AN-Bezeichnung, sofern vorhanden)	M3922/99-006 (UG-9999B/U)	Flange designation (historic AN designation, if available)																		
vereinfachte 3D-Skizze mit Hauptabmessungen der Flanschvorderseiten		Simplified 3D scetch indicating the basic dimensions of the flange front																		
Alle Maße sind Nennmaße. Sie liegen nicht zwingend in Toleranzmitte.	<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>11,13 (0.438)</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	11,13 (0.438)	All dimensions are of nominal nature. They are not necessarily in the center of their tolerance band.
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	11,13 (0.438)																			
Maßtoleranzen sind nicht angegeben.		Dimensional tolerances are not listed.																		
Maße mit Dezimalkomma sind in Millimetern.		Dimensions with decimal comma are in millimeters.																		
Maße mit Dezimalpunkt sind in Inch.		Dimensions with decimal point are in inches.																		
Material	Angabe nur falls ein Material explizit spezifiziert ist.	Material	Given only if a material is explicitly specified.																	
Nummer der SPINNER Fasson-Zeichnungen	F00815, F04711	Number of SPINNER's detail drawings																		

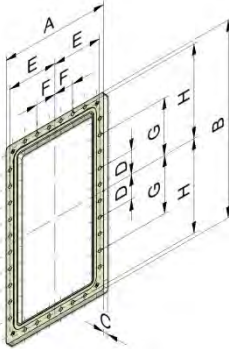
- Grau geschriebene Angaben konnten bislang nicht anhand einer Norm überprüft werden. Diese Angaben sind daher mit Vorsicht zu genießen.

- Up to now the data marked in gray could not be verified on the basis of a standard. Hence those data need to be regarded with suspicion.

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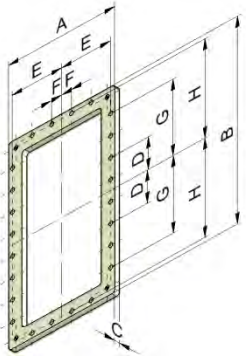
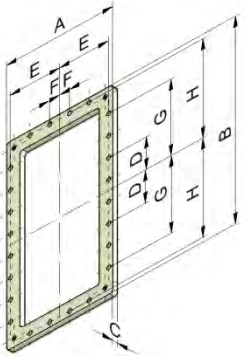
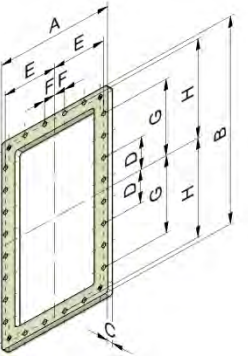
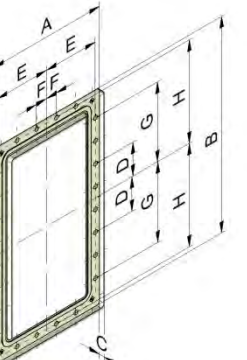
WR 2300	R 3	WG 00
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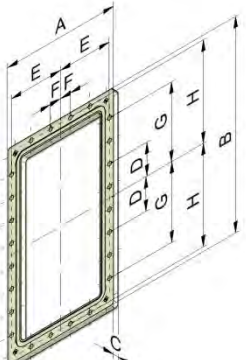
canceled w/o replacement							
USA		International		USA		International	
plain		plain		plain		sealing groove	
MIL-F-3922/76		IEC 60154-2		EIA RS-271-A		IEC 60154-2	
M3922/76-07		154 IEC-UDR 3		CPR 2300 F		154 IEC-PDR 3	
							
A	384,2 (15.125)	A	384,2	A	384,2 (15.125)	A	384,2
B	676,3 (26.625)	B	676,3	B	676,3 (26.625)	B	676,3
E	177,8 (7.000)	E	177,8	E	177,8 (7.000)	E	177,8
F	70,87 (2.790)	F	70,87	F	70,87 (2.790)	F	70,87
G	198,2 (7.803)	G	198,2	G	198,2 (7.803)	G	198,2
H	323,85 (12.750)	H	323,85	H	323,85 (12.750)	H	323,85
D	84,96 (3.345)	D	84,96	D	84,96 (3.345)	D	84,96
Hole I	Ø13,48 (Ø0.531)	Hole I	Ø13,5	Hole I	Ø13,48 (Ø0.531)	Hole I	Ø13,5
C	19.05 (0.750)	C	15,88	C	9,53 (0.375)	C	15,88
Material	Al alloy	Material		Material	Cu, Al, Mg alloys	Material	

USA			
sealing groove			
EIA RS-271-A			
CPR 2300 G			
			
A	384,2 (15.125)		
B	676,3 (26.625)		
E	177,8 (7.000)		
F	70,87 (2.790)		
G	198,2 (7.803)		
H	323,85 (12.750)		
D	84,96 (3.345)		
Hole I	Ø13,48 (Ø0.531)		
C	15,88 (0.625)		
Material	Cu, Al, Mg alloys		

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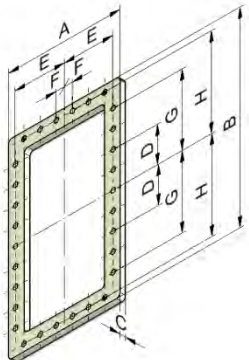
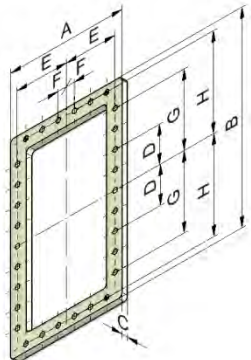
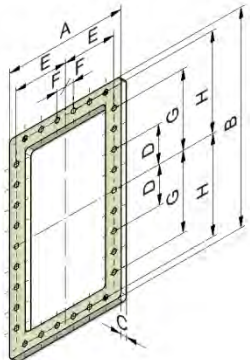
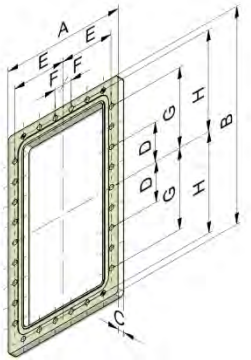
WR 2100	R 4	WG 0
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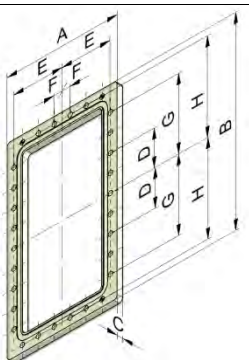
canceled w/o replacement			
USA	International	USA	International
plain	plain	plain	sealing groove
MIL-F-3922/76	IEC 60154-2	EIA RS-271-A	IEC 60154-2
M3922/76-06	154 IEC-UDR 4	CPR 2100 F	154 IEC-PDR 4
			
A 358,8 (14.125)	A 358,8	A 358,8 (14.125)	A 358,8
B 625,5 (24.625)	B 625,5	B 625,5 (24.625)	B 625,5
E 165,1 (6.500)	E 165,1	E 165,1 (6.500)	E 165,1
F 33,02 (1.300)	F 33,02	F 33,02 (1.300)	F 33,02
G 232,13 (9.139)	G 232,13	G 232,13 (9.139)	G 232,13
H 298,45 (11.750)	H 298,45	H 298,45 (11.750)	H 298,45
D 99,49 (3.917)	D 99,49	D 99,49 (3.917)	D 99,49
Hole I Ø13,48 (Ø0.531)	Hole I Ø13,5	Hole I Ø13,48 (Ø0.531)	Hole I Ø13,5
C 19,05 (0.750)	C 15,88	C 9,53 (0.375)	C 15,88
Material Al alloy	Material	Material Cu, Al, Mg alloys	Material

USA			
sealing groove			
EIA RS-271-A			
CPR 2100 G			
			
A 358,8 (14.125)			
B 625,5 (24.625)			
E 165,1 (6.500)			
F 33,02 (1.300)			
G 232,13 (9.139)			
H 298,45 (11.750)			
D 99,49 (3.917)			
Hole I Ø13,48 (Ø0.531)			
C 15,88 (0.625)			
Material Cu, Al, Mg alloys			

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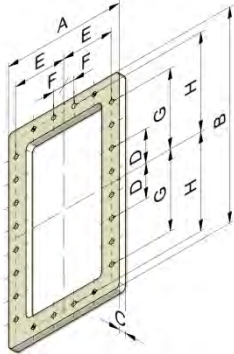
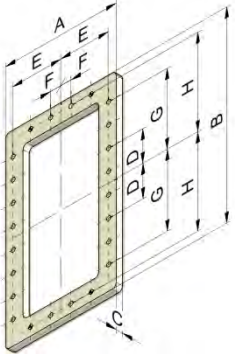
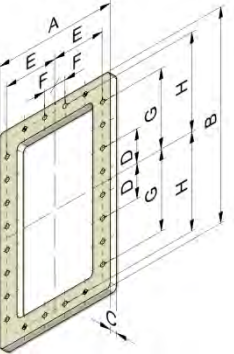
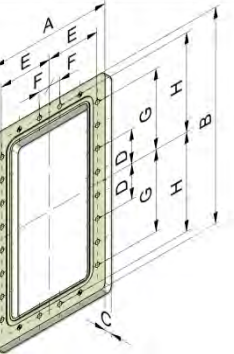
WR 1800	R 5	WG 1
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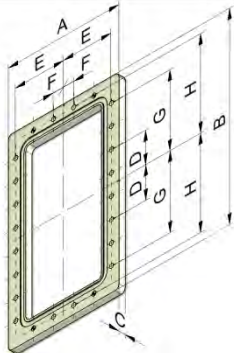
canceled w/o replacement			
USA	International	USA	International
plain	plain	plain	sealing groove
MIL-F-3922/76	IEC 60154-2	EIA RS-271-A	IEC 60154-2
M3922/76-05	154 IEC-UDR 5	CPR 1800 F	154 IEC-PDR 5
			
A 317,5 (12.500)	A 317,5	A 317,5 (12.500)	A 317,5
B 546,1 (21.500)	B 546,1	B 546,1 (21.500)	B 546,1
E 139,7 (5.500)	E 139,7	E 139,7 (5.500)	E 139,7
F 23,04 (0.907)	F 23,04	F 23,04 (0.907)	F 23,04
G 203,2 (8.000)	G 203,2	G 203,2 (8.000)	G 203,2
H 254,0 (10.000)	H 254,0	H 254,0 (10.000)	H 254,0
D 101,60 (4.000)	D 101,60	D 101,60 (4.000)	D 101,60
Hole I Ø10,3 (Ø0.406)	Hole I Ø10,4	Hole I Ø10,3 (Ø0.406)	Hole I Ø10,4
C 15,87 (0.625)	C 9,52	C 9,53 (0.375)	C 9,52
Material Al alloy	Material F40516, F41246	Material Cu, Al, Mg alloys	Material

USA			
sealing groove			
EIA RS-271-A			
CPR 1800 G			
			
A 317,5 (12.500)			
B 546,1 (21.500)			
E 139,7 (5.500)			
F 23,04 (0.907)			
G 203,2 (8.000)			
H 254,0 (10.000)			
D 101,60 (4.000)			
Hole I Ø10,3 (Ø0.406)			
C 9,53 (0.375)			
Material Cu, Al, Mg alloys			

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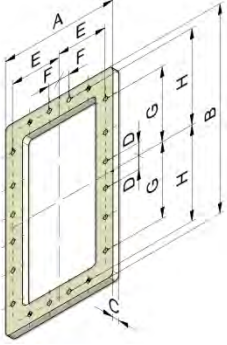
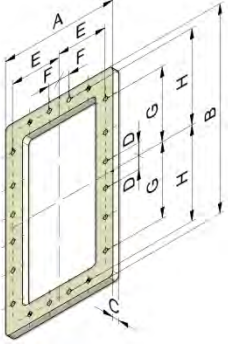
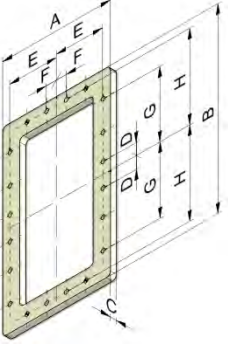
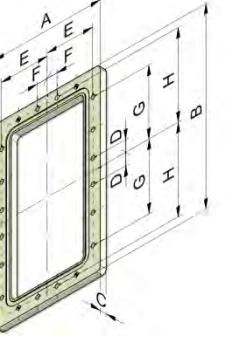
WR 1500	R 6	WG 2
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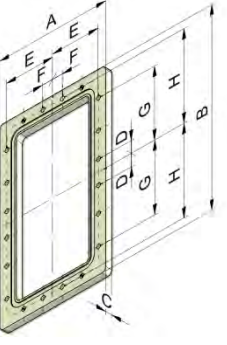
canceled w/o replacement							
USA		International		USA		International	
plain		plain		plain		sealing groove	
MIL-F-3922/76		IEC 60154-2		EIA RS-271-A		IEC 60154-2	
M3922/76-04		154 IEC-UDR 6		CPR 1500 F		154 IEC-PDR 6	
							
A	279,4 (11.000)	A	279,4	A	279,4 (11.000)	A	279,4
B	469,9 (18.500)	B	469,9	B	469,9 (18.500)	B	469,9
E	120,65 (4.750)	E	120,65	E	120,65 (4.750)	E	120,65
F	25,40 (1.000)	F	25,4	F	25,40 (1.000)	F	25,4
G	177,8 (7.000)	G	177,8	G	177,8 (7.000)	G	177,8
H	215,9 (8.500)	H	215,9	H	215,9 (8.500)	H	215,9
D	76,20 (3.000)	D	76,2	D	76,20 (3.000)	D	76,2
Hole I	Ø10,3 (Ø0.406)	Hole I	Ø10,4	Hole I	Ø10,3 (Ø0.406)	Hole I	Ø10,4
C	15,87 (0.625)	C	9,52	C	9,53 (0.375)	C	9,52
Material	Al alloy	Material		Material	Cu, Al, Mg alloys	Material	
		F41200					

USA			
sealing groove			
EIA RS-271-A			
CPR 1500 G			
			
A	279,4 (11.000)		
B	469,9 (18.500)		
E	120,65 (4.750)		
F	25,40 (1.000)		
G	177,8 (7.000)		
H	215,9 (8.500)		
D	76,20 (3.000)		
Hole I	Ø10,3 (Ø0.406)		
C	9,53 (0.375)		
Material	Cu, Al, Mg alloys		

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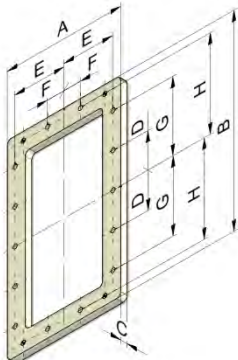
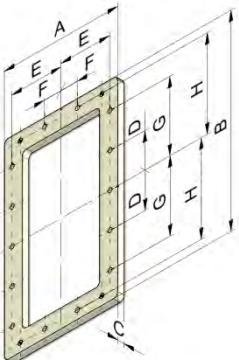
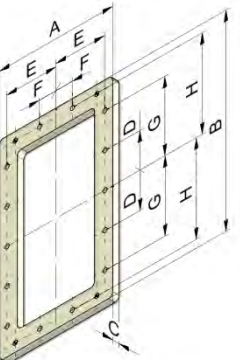
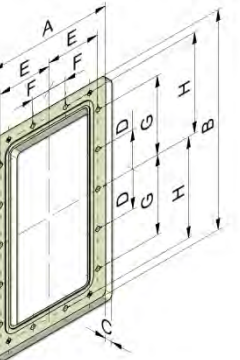
WR 1150	R 8	WG 3
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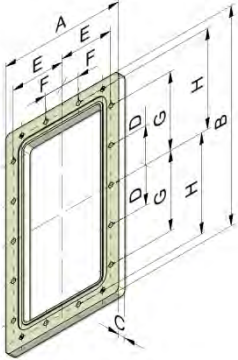
canceled w/o replacement			
USA	International	USA	International
plain	plain	plain	sealing groove
MIL-F-3922/76	IEC 60154-2	EIA RS-271-A	IEC 60154-2
M3922/76-03	154 IEC-UDR 8	CPR 1150 F	154 IEC-PDR 8
			
A 234,96 (9.250)	A 234,96	A 234,96 (9.250)	A 234,96
B 381,0 (15.000)	B 381	B 381,0 (15.000)	B 381
E 98,42 (3.875)	E 98,42	E 98,42 (3.875)	E 98,42
F 24,61 (0.969)	F 24,61	F 24,61 (0.969)	F 24,61
G 127,00 (5.000)	G 127	G 127,00 (5.000)	G 127
H 171,45 (6.750)	H 171,45	H 171,45 (6.750)	H 171,45
D 25,40 (1.000)	D 25,4	D 25,40 (1.000)	D 25,4
Hole I Ø10,3 (Ø0.406)	Hole I Ø10,4	Hole I Ø10,3 (Ø0.406)	Hole I Ø10,4
C 15,87 (0.625)	C 9,52	C 9,53 (0.375)	C 9,52
Material Al alloy	Material	Material Cu, Al, Mg alloys	Material
			F40720

USA			
sealing groove			
EIA RS-271-A			
CPR 1150 G			
			
A 234,96 (9.250)			
B 381,0 (15.000)			
E 98,42 (3.875)			
F 24,61 (0.969)			
G 127,00 (5.000)			
H 171,45 (6.750)			
D 25,40 (1.000)			
Hole I Ø10,3 (Ø0.406)			
C 9,53 (0.375)			
Material Cu, Al, Mg alloys			

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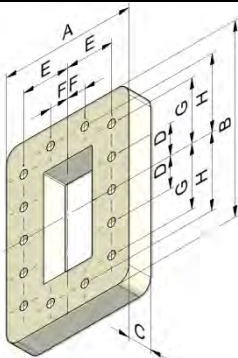
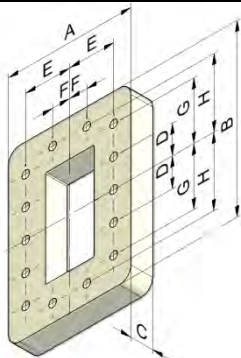
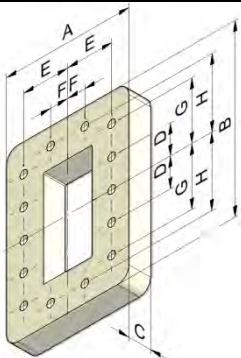
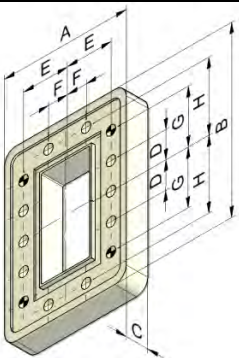
WR 975	R 9	WG 4
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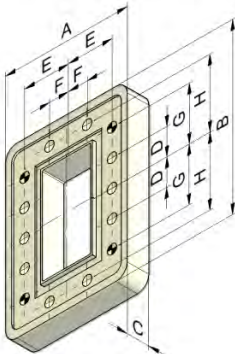
canceled w/o replacement			
USA	International	USA	International
plain	plain	plain	sealing groove
MIL-F-3922/76	IEC 60154-2	EIA RS-271-A	IEC 60154-2
M3922/76-02	154 IEC-UDR 9	CPR 975 F	154 IEC-PDR 9
			
A 212,73 (8.375)	A 212,76	A 212,73 (8.375)	A 212,76
B 336,55 (13.250)	B 336,56	B 336,55 (13.250)	B 336,56
E 87,30 (3.437)	E 87,30	E 87,30 (3.437)	E 87,30
F 25,40 (1.000)	F 25,4	F 25,40 (1.000)	F 25,4
G 101,60 (4.000)	G 101,6	G 101,60 (4.000)	G 101,6
H 149,22 (5.875)	H 149,22	H 149,22 (5.875)	H 149,22
D 50,80 (2.000)	D 50,8	D 50,80 (2.000)	D 50,8
Hole I Ø10,3 (Ø0.406)	Hole I Ø10,4	Hole I Ø10,3 (Ø0.406)	Hole I Ø10,4
C 15,87 (0.625)	C 9,52	C 9,53 (0.375)	C 9,52
Material Al alloy	Material	Material Cu, Al, Mg alloys	Material
	F40710		F40721

USA			
sealing groove			
EIA RS-271-A			
CPR 975 G			
			
A 212,73 (8.375)			
B 336,55 (13.250)			
E 87,30 (3.437)			
F 25,40 (1.000)			
G 101,60 (4.000)			
H 149,22 (5.875)			
D 50,80 (2.000)			
Hole I Ø10,3 (Ø0.406)			
C 9,53 (0.375)			
Material Cu, Al, Mg alloys			

TD-00077

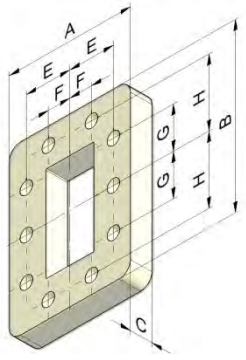
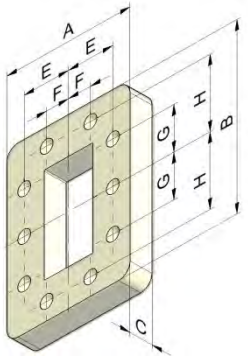
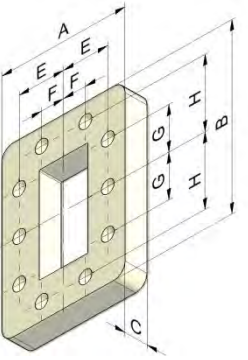
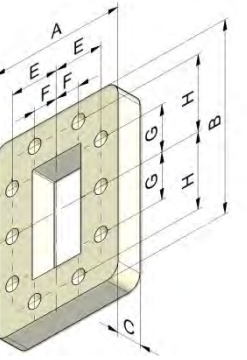
WR 770	R 12	WG 5
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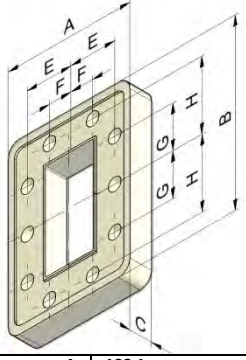
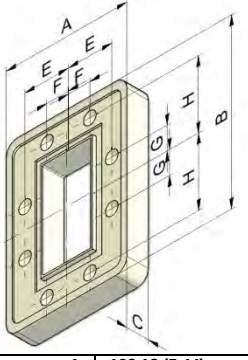
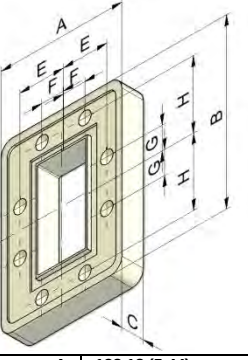
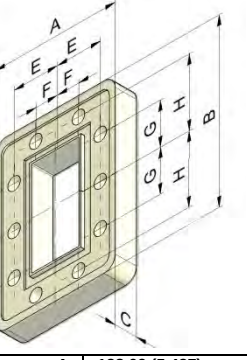
canceled w/o replacement							
USA		International		USA		International	
plain		plain		plain		sealing groove	
MIL-F-3922/76		IEC 60154-2		EIA RS-271-A		IEC 60154-2	
M3922/76-01		154 IEC-UDR 12		CPR 770 F		154 IEC-PDR 12	
							
A	187,33 (7.375)	A	187,36	A	187,33 (7.375)	A	187,36
B	284,96 (11.219)	B	284,98	B	284,96 (11.219)	B	284,98
E	74,30 (2.925)	E	74,3	E	74,30 (2.925)	E	74,3
F	25,40 (1.000)	F	25,4	F	25,40 (1.000)	F	25,4
G	101,6 (4.000)	G	101,6	G	101,6 (4.000)	G	101,6
H	123,19 (4.850)	H	123,19	H	123,19 (4.850)	H	123,19
D	50,80 (2.000)	D	50,8	D	50,80 (2.000)	D	50,8
Hole I	Ø10,3 (Ø0.406)	Hole I	Ø10,4	Hole I	Ø10,3 (Ø0.406)	Hole I	Ø10,4
C	12,7 (0.500)	C	9,52	C	9,53 (0.375)	C	9,52
Material	Al alloy	Material		Material	Cu, Al, Mg alloys	Material	

USA			
sealing groove			
EIA RS-271-A			
CPR 770 G			
			
A 187,33 (7.375)			
B 284,96 (11.219)			
E 74,30 (2.925)			
F 25,40 (1.000)			
G 101,6 (4.000)			
H 123,19 (4.850)			
D 50,80 (2.000)			
Hole I Ø10,3 (Ø0.406)			
C 9,53 (0.375)			
Material Cu, Al, Mg alloys			

TD-00077

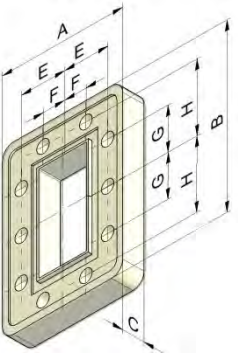
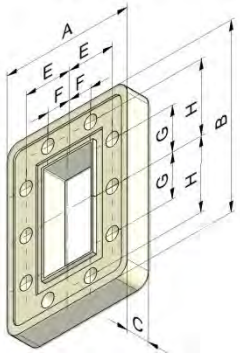
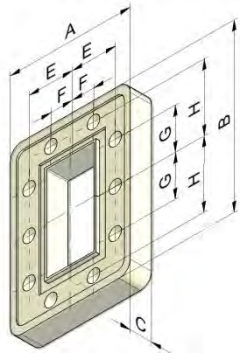
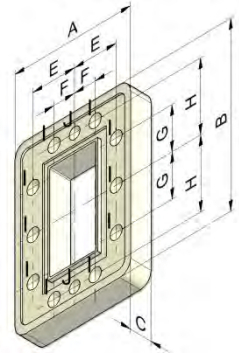
WR 650	R 14	WG 6
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USA plain MIL-DTL-3922/52D M3922/52-001 (UG-1714/U)	USA plain MIL-DTL-3922/52D M3922/52-002 (UG-1720/U)	International plain IEC 60154-2 154 IEC-UDR 14	USA plain EIA RS-271-A CPR 650 F
			
A 138,18 (5.44)	A 138,18 (5.44)	A 138,1	A 138,09 (5.437)
B 220,73 (8.69)	B 220,73 (8.69)	B 220,7	B 220,65 (8.687)
E 58,70 (2.311)	E 58,70 (2.311)	E 58,69	E 58,7 (2.311)
F 31,72 (1.249)	F 31,72 (1.249)	F 31,73	F 31,73 (1.249)
G 60,30 (2.374)	G 60,30 (2.374)	G 60,3	G 60,3 (2.374)
H 100 (3.937)	H 100 (3.937)	H 100	H 100 (3.937)
Hole I Ø8,38 (Ø0.33)	Hole I Ø8,38 (Ø0.33)	Hole I Ø8	Hole I Ø8,33 (Ø0.328)
Hole J	Hole J	Hole J	Hole J
C 22,35 (0.88)	C 22,35 (0.88)	C 12,7	C
Material Cu alloy	Material Al alloy	Material F41114, F41448	Material Cu, Al, Mg alloys

International plain IEC 60154-2 154 IEC-RDR 14	USA sealing groove MIL-DTL-3922/52D M3922/52-023 (UG-1362/U)	USA sealing groove MIL-DTL-3922/52D M3922/52-024 (UG-1343/U)	USA sealing groove EIA RS-271-A CPR 650 G
			
A 138,1	A 138,18 (5.44)	A 138,18 (5.44)	A 138,09 (5.437)
B 220,7	B 220,73 (8.69)	B 220,73 (8.69)	B 220,65 (8.687)
E 58,69	E 58,70 (2.311)	E 58,70 (2.311)	E 58,7 (2.311)
F 31,73	F 31,72 (1.249)	F 31,72 (1.249)	F 31,73 (1.249)
G 60,3	G 60,30 (2.374)	G 60,30 (2.374)	G 60,3 (2.374)
H 100	H 100 (3.937)	H 100 (3.937)	H 100 (3.937)
Hole I Ø8	Hole I Ø8,38 (Ø0.33)	Hole I Ø8,38 (Ø0.33)	Hole I Ø8,33 (Ø0.328)
Hole J	Hole J	Hole J	Hole J
C 12,7	C 22,35 (0.88)	C 22,35 (0.88)	C
Material	Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys
			F40791

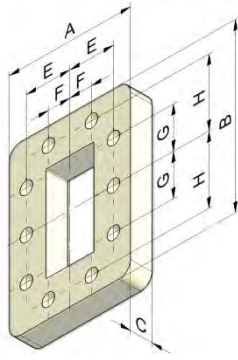
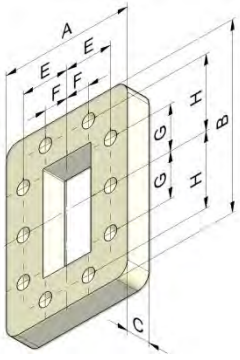
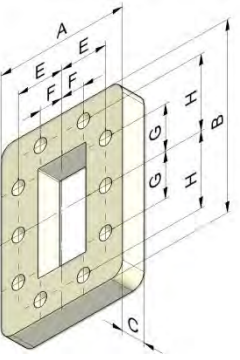
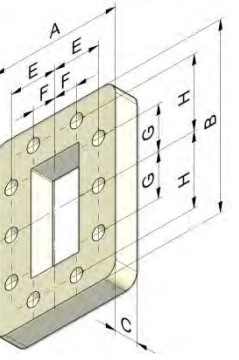
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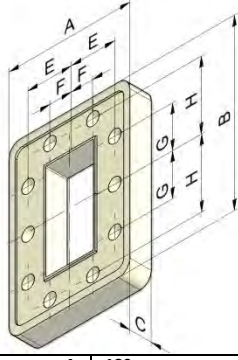
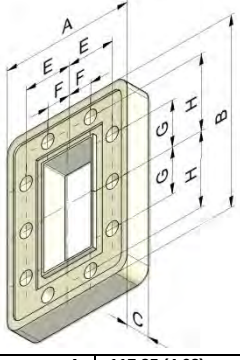
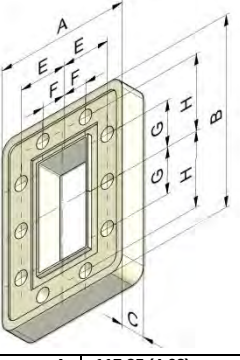
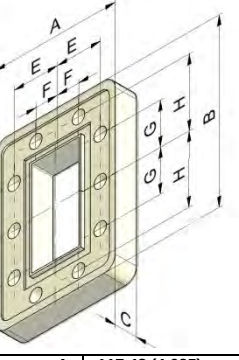
WR 650	R 14	WG 6
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inactive for new design	inactive for new design		
USA	USA	International	UK
sealing groove	sealing groove	sealing groove	sealing groove
MIL-F-3922/58D	MIL-F-3922/58D	IEC 60154-2	
M3922/58-007 (UG-417B/U)	M3922/58-008 (UG-418B/U)	154 IEC-PDR 14	5985-99-083-1573
			
A 138,13 (5.438)	A 138,13 (5.438)	A 138,1	A 142,88 (5.625)
B 220,68 (8.688)	B 220,68 (8.688)	B 220,7	B 225,43 (8.875)
E 58,70 (2.311)	E 58,70 (2.311)	E 58,69	E 58,73 (2.312)
F 31,72 (1.249)	F 31,72 (1.249)	F 31,73	F 31,75 (1.25)
G 60,30 (2.374)	G 60,30 (2.374)	G 60,3	G 60,33 (2.375)
H 100,00 (3.937)	H 100,00 (3.937)	H 100	H 100 (3.937)
Hole I Ø8,33 (0.328)	Hole I Ø8,33 (0.328)	Hole I Ø8	Hole I Ø9,12 (Ø0.359)
Hole J	Hole J	Hole J	Hole J On Assy
C 25,40 (1.000)	C 25,40 (1.000)	C 12,7	C 25,40 (1.000)
Material Cu alloy	Material Al alloy	Material	Material
		F40309	

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 (UG-1715/U)	MIL-DTL-3922/52D M3922/52-004 (UG-1717/U)	IEC 60154-2 154 IEC-UDR 18	EIA RS-271-A CPR 510 F
			
A 117,35 (4.62)	A 117,35 (4.62)	A 120	A 117,48 (4.625)
B 181,68 (7.16)	B 181,68 (7.16)	B 185	B 181,76 (7.158)
E 48,9 (1.925)	E 48,9 (1.925)	E 50,04	E 48,90 (1.925)
F 26,19 (1.031)	F 26,19 (1.031)	F 25,02	F 26,19 (1.031)
G 25,07 (1.987)	G 25,07 (1.987)	G 50,04	G 50,47 (1.987)
H 81,28 (3.2)	H 81,28 (3.2)	H 82,5	H 81,28 (3.2)
Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.266)	Hole I Ø8	Hole I Ø6,76 (Ø0.266)
Hole J	Hole J	Hole J	Hole J
C 12,7 (0.5)	C 12,7 (0.5)	C 12,7	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys

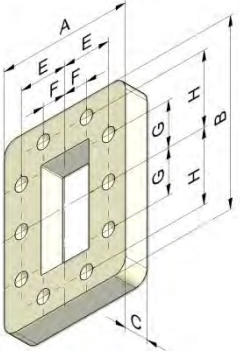
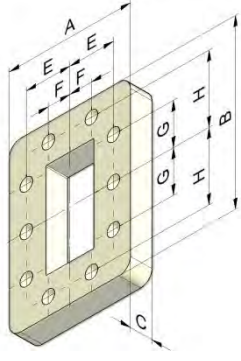
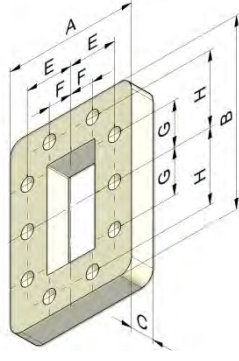
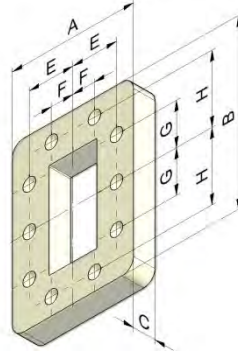
International plain	USA sealing groove	USA sealing groove	USA sealing groove
IEC 60154-2 154 IEC-RDR 18	MIL-DTL-3922/52D M3922/52-025 (UG-1718/U)	MIL-DTL-3922/52D M3922/52-026 (UG-1719/U)	EIA RS-271-A CPR 510 G
			
A 120	A 117,35 (4.62)	A 117,35 (4.62)	A 117,48 (4.625)
B 185	B 181,68 (7.16)	B 181,68 (7.16)	B 181,76 (7.158)
E 50,04	E 48,9 (1.925)	E 48,9 (1.925)	E 48,90 (1.925)
F 25,02	F 26,19 (1.031)	F 26,19 (1.031)	F 26,19 (1.031)
G 50,04	G 25,07 (1.987)	G 25,07 (1.987)	G 50,47 (1.987)
H 82,5	H 81,28 (3.2)	H 81,28 (3.2)	H 81,28 (3.2)
Hole I Ø8	Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.266)
Hole J	Hole J	Hole J	Hole J
C 12,7	C 12,7 (0.5)	C 12,7 (0.5)	C
Material	Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys

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WR 510	R 18	WG 7
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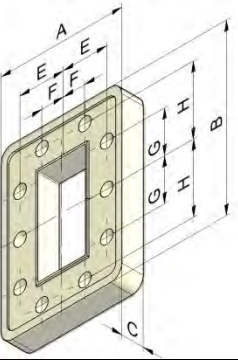
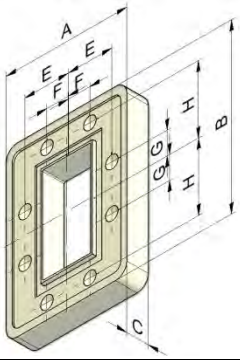
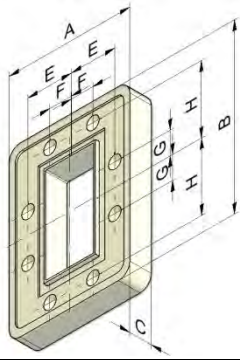
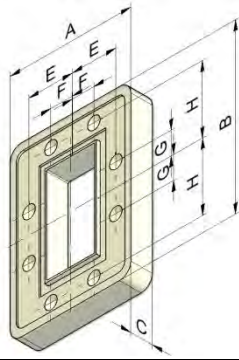
International sealing groove IEC 60154-2 154 IEC-PDR 18							
A	120						
B	185						
E	50,04						
F	25,02						
G	50,04						
H	82,5						
Hole I	Ø8						
Hole J							
C	12,7						
Material							
F40478							

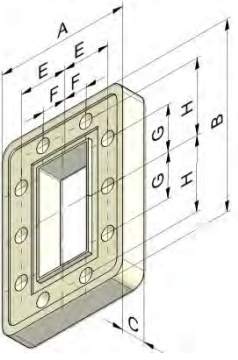
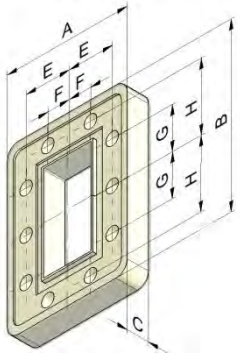
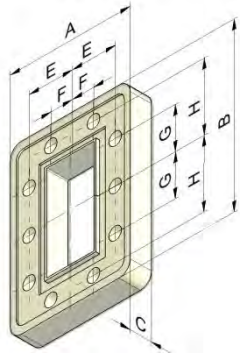
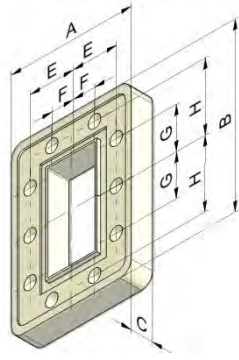
WR 430	R 22	WG 8
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USA plain MIL-DTL-3922/52D M3922/52-005 (UG-1716/U)	USA plain MIL-DTL-3922/52D M3922/52-006 (UG-1711/U)	International plain IEC 60154-2 154 IEC-UDR 22	USA plain EIA RS-271-A CPR 430 F
			
A106,43 (4.19)	A106,43 (4.19)	A106,4	A106,35 (4.187)
B161,04 (6.34)	B161,04 (6.34)	B131,1	B161,14 (6.344)
E43,69 (1.72)	E43,69 (1.72)	E43,69	E43,69 (1.720)
F23,82 (0.938)	F23,82 (0.938)	F23,82	F23,83 (0.938)
G45,39 (1.787)	G45,39 (1.787)	G45,39	G45,39 (1.787)
H71 (2.795)	H71 (2.795)	H70,99	H70,99 (2.795)
Hole IØ6,76 (Ø0.266)	Hole IØ6,76 (Ø0.266)	Hole IØ6,35	Hole IØ6,76 (Ø0.226)
Hole J	Hole J	Hole J	Hole J
C12,7 (0.5)	C12,7 (0.5)	C12,7	C
MaterialCu alloy	MaterialAl alloy	Material	MaterialCu, Al, Mg alloys
		F40740	

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WR 430	R 22	WG 8
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International plain IEC 60154-2 154 IEC-RDR 22	USA sealing groove MIL-DTL-3922/52D M3922/52-027 (UG-1344/U)	USA sealing groove MIL-DTL-3922/52D M3922/52-028 (UG-1345/U)	USA sealing groove EIA RS-271-A CPR 430 G
			
A 106,4	A 106,43 (4.190)	A 106,43 (4.190)	A 106,35 (4.187)
B 131,1	B 161,04 (6.340)	B 161,04 (6.340)	B 161,14 (6.344)
E 43,69	E 43,69 (1.720)	E 43,69 (1.720)	E 43,69 (1.720)
F 23,82	F 23,82 (0.938)	F 23,82 (0.938)	F 23,83 (0.938)
G 45,39	G 45,39 (1.787)	G 45,39 (1.787)	G 45,39 (1.787)
H 70,99	H 71 (2.795)	H 71 (2.795)	H 70,99 (2.795)
Hole I Ø6,35	Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.226)
Hole J	Hole J	Hole J	Hole J
C 12,7	C 12,7 (0.5)	C 12,7 (0.5)	C
Material	Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys
			F40316

inactive for new design USA sealing groove MIL-F-3922/58D M3922/58-009 (UG-435B/U)	inactive for new design USA sealing groove MIL-F-3922/58D M3922/58-010 (UG-437B/U)	International sealing groove IEC 60154-2 154 IEC-PDR 22	UK sealing groove 5985-99-083-1578
			
A 106,38 (4.188)	A 106,38 (4.188)	A 106,4	A 111,13 (4.375)
B 161,44 (6.344)	B 161,44 (6.344)	B 131,1	B 165,89 (6.531)
E 43,69 (1.720)	E 43,69 (1.720)	E 43,69	E 43,69 (1.720)
F 23,82 (0.938)	F 23,82 (0.938)	F 23,82	F 23,83 (0.938)
G 45,39 (1.787)	G 45,39 (1.787)	G 45,39	G 45,39 (1.787)
H 7,99 (2.795)	H 7,99 (2.795)	H 70,99	H 70,99 (2.795)
Hole I Ø6,71 (Ø0.264)	Hole I Ø6,71 (Ø0.264)	Hole I Ø6,35	Hole I Ø7,14 (Ø0.281)
Hole J	Hole J	Hole J	Hole J On assy
C 25,4 (1.000)	C 25,4 (1.000)	C 12,7	C 25,40 (1.000)
Material Cu alloy	Material Al alloy	Material	Material
		F40308	

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WR 340	R 26	WG 9A
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USA plain	USA plain	International plain	USA plain
MIL-DTL-3922/52D M3922/52-007 (UG-1712/U)	MIL-DTL-3922/52D M3922/52-008 (UG-1713/U)	IEC 60154-2 154 IEC-UDR 26	EIA RS-271-A CPR 340 F
A 95,25 (3.75)	A 95,25 (3.75)	A 95,3	A 95,25 (3.75)
B 138,18 (5.44)	B 138,18 (5.44)	B 138,1	B 138,1 (5.437)
E 38,1 (1.5)	E 38,1 (1.5)	E 38,1	E 38,1 (1.5)
F 17,04 (0.671)	F 17,04 (0.671)	F 17,04	F 17,04 (0.671)
G 34,14 (1.344)	G 34,14 (1.344)	G 34,14	G 34,14 (1.344)
H 59,54 (2.344)	H 59,54 (2.344)	H 59,53	H 59,54 (2.344)
Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.266)	Hole I Ø6,35	Hole I Ø6,76 (Ø0.266)
Hole J	Hole J	Hole J	Hole J
C 12,7 (0.5)	C 12,7 (0.5)	C 12,7	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
		F40512	F40863, F41180

International plain	USA sealing groove	USA sealing groove	USA sealing groove
IEC 60154-2 154 IEC-RDR 26	MIL-DTL-3922/52D M3922/52-029 (UG-1346/U)	MIL-DTL-3922/52D M3922/52-030 (UG-1347/U)	EIA RS-271-A CPR 340 G
A 95,3	A 95,25 (3.75)	A 95,25 (3.75)	A 95,25 (3.75)
B 138,1	B 138,18 (5.44)	B 138,18 (5.44)	B 138,1 (5.437)
E 38,1	E 38,1 (1.5)	E 38,1 (1.5)	E 38,1 (1.5)
F 17,04	F 17,04 (0.671)	F 17,04 (0.671)	F 17,04 (0.671)
G 34,14	G 34,14 (1.344)	G 34,14 (1.344)	G 34,14 (1.344)
H 59,53	H 59,54 (2.344)	H 59,54 (2.344)	H 59,54 (2.344)
Hole I Ø6,35	Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.266)	Hole I Ø6,76 (Ø0.266)
Hole J	Hole J	Hole J	Hole J
C 12,7	C 12,7 (0.5)	C 12,7 (0.5)	C
Material	Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys
			F40863

TD-00077

WR 340 R 26 WG 9A

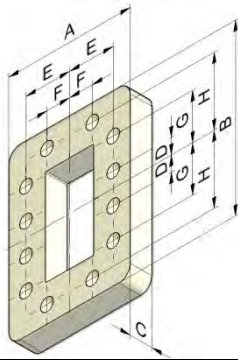
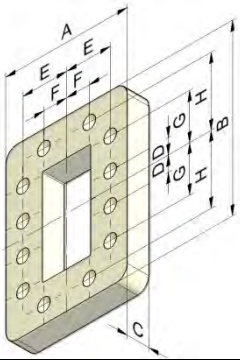
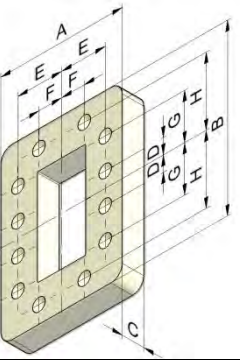
inactive for new design	inactive for new design		
USA	USA	International	UK
sealing groove	sealing groove	sealing groove	sealing groove
MIL-F-3922/58D	MIL-F-3922/58D	IEC 60154-2	
M3922/58-011 (UG-553A/U)	M3922/58-012 (UG-554A/U)	154 IEC-PDR 26	5985-99-011-9656
A 95,25 (3.750)	A 95,25 (3.750)	A 95,3	A 96,82 (3.812)
B 138,13 (5.438)	B 138,13 (5.438)	B 138,1	B 139,70 (5.500)
E 38,1 (1.500)	E 38,1 (1.500)	E 38,1	E 38,10 (1.500)
F 17,04 (0.671)	F 17,04 (0.671)	F 17,04	F 17,07 (0.672)
G 34,14 (1.344)	G 34,14 (1.344)	G 34,14	G 34,14 (1.344)
H 59,54 (2.344)	H 59,54 (2.344)	H 59,53	H 59,54 (2.344)
Hole I Ø6,71 (Ø0.264)	Hole I Ø6,71 (Ø0.264)	Hole I Ø6,35	Hole I Ø 7,14 (Ø 0,281)
Hole J	Hole J	Hole J	Hole J On Assy
C 25,40 (1.000)	C 25,40 (1.000)	C 12,7	C 25,40 (1.000)
Material Cu alloy	Material Al alloy	Material	Material
		F40477	

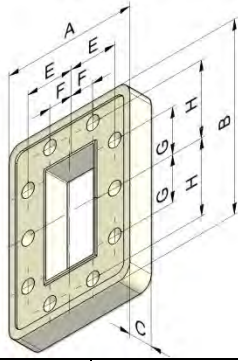
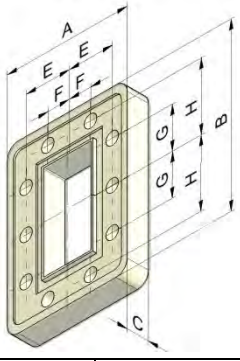
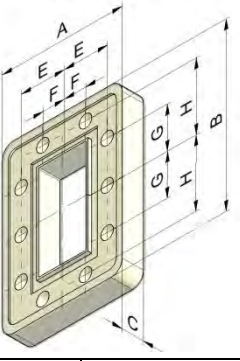
WR 284 R 32 WG 10

USA	USA	International	USA
plain	plain	plain	plain
MIL-DTL-3922/52D	MIL-DTL-3922/52D	IEC 60154-2	EIA RS-271-A
M3922/52-009 (UG-1724/U)	M3922/52-010 (UG-1725/U)	154 IEC-UDR 32	CPR 284 F
A 76,2 (3)	A 76,2 (3)	A 76,2	A 76,2 (3)
B 114,3 (4,5)	B 114,3 (4,5)	B 114,3	B 114,3 (4,5)
E 29,57 (1.164)	E 29,57 (1.164)	E 29,57	E 29,57 (0.164)
F 14,68 (0.578)	F 14,68 (0.578)	F 14,68	F 14,68 (0.578)
G 32,54 (1.281)	G 32,54 (1.281)	G 32,54	G 32,53 (1.281)
H 48,62 (1.914)	H 48,62 (1.914)	H 48,61	H 48,62 (1.914)
Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,35	Hole I Ø6,55 (Ø0.258)
Hole J	Hole J	Hole J	Hole J
C 9,65 (0.38)	C 9,65 (0.38)	C 10	C
Material Cu alloy	Material Al alloy	Material	Material Cu, Al, Mg alloys
		F40509	

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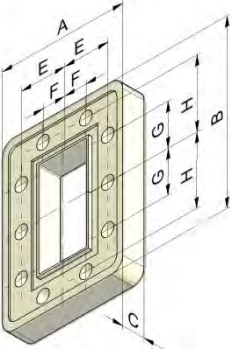
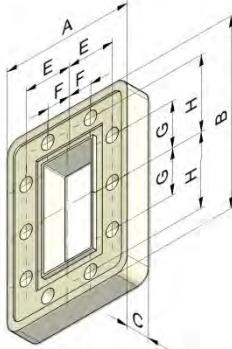
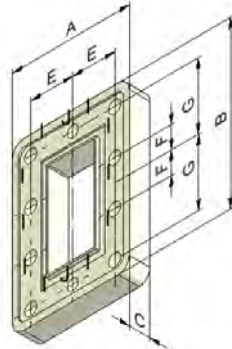
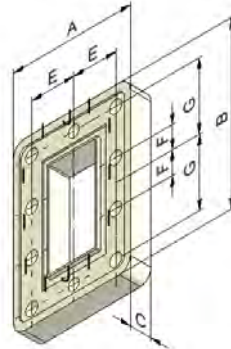
WR 284**R 32****WG 10**

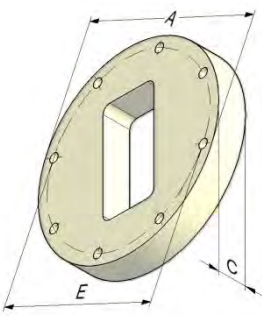
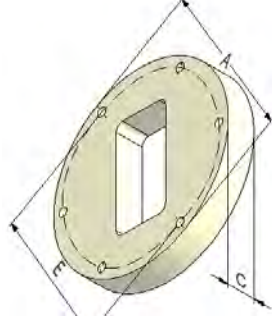
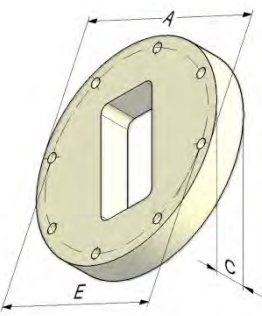
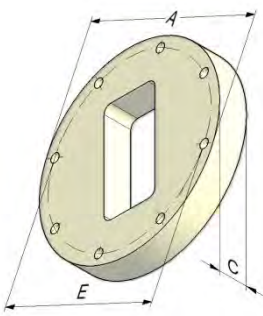
	canceled w/o replacement	canceled w/o replacement	
International	USA	USA	
plain	plain	plain	
IEC 60154-2	MIL-F-3922/64B	MIL-F-3922/64B	
154 IEC-UER 32	M3922/64-001 (UG-1479/U)	M3922/64-002 (UG-1484/U)	
			
A 59,50	A 59,54 (2.344)	A 59,54 (2.344)	
B 98,68	B 97,64 (3.644)	B 97,64 (3.644)	
E 25,27	E 25,27 (0.995)	E 25,27 (0.995)	
F 8,51	F 8,51 (0.335)	F 8,51 (0.335)	
G 31,02	G 31,01 (1.221)	G 31,01 (1.221)	
H 44,32	H 44,32 (1.745)	H 44,32 (1.745)	
D 10,34	D 10,34 (0.407)	D 10,34 (0.407)	
Hole I Ø 4	Hole I 0.164-32 UNC 2B	Hole I 0.164-32 UNC-2B	
C 9	Hole J Ø4,39 (Ø0.173)	Hole J Ø4,39 (Ø0.173)	
Material F40498	Material C 8,89 (0.350)	Material C 8,89 (0.350)	
	Material Cu alloy	Material Al alloy	

International	USA	USA	
plain	sealing groove	sealing groove	
IEC 60154-2	MIL-DTL-3922/52D	MIL-DTL-3922/52D	
154 IEC-RDR 32	M3922/52-031 (UG-1348/U)	M3922/52-032 (UG-1349/U)	
			
A 76,2	A 76,2 (3)	A 76,2 (3)	
B 114,3	B 114,3 (4,5)	B 114,3 (4,5)	
E 29,57	E 29,57 (1.164)	E 29,57 (1.164)	
F 14,68	F 14,68 (0.578)	F 14,68 (0.578)	
G 32,54	G 32,54 (1.281)	G 32,54 (1.281)	
H 48,61	H 48,62 (1.914)	H 48,62 (1.914)	
Hole I Ø6,35	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	
Hole J	Hole J	Hole J	
C 10	C 9,65 (0.38)	C 9,65 (0.38)	
Material	Material Cu alloy	Material Al alloy	

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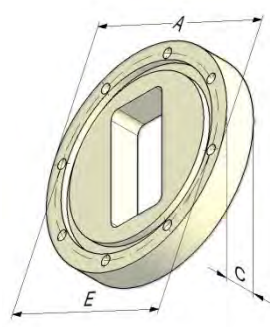
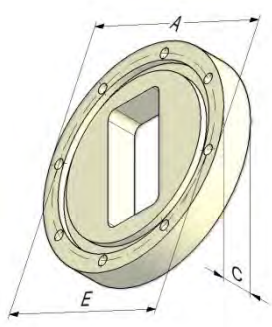
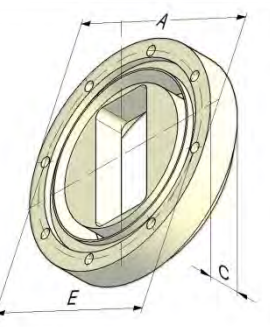
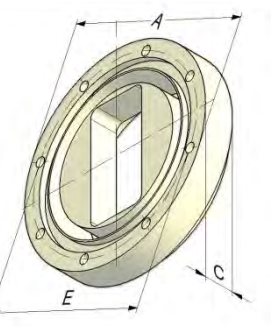
WR 284	R 32	WG 10	
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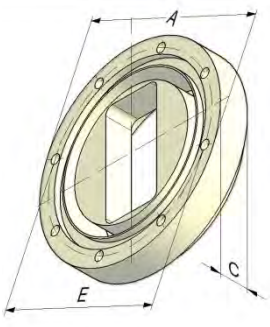
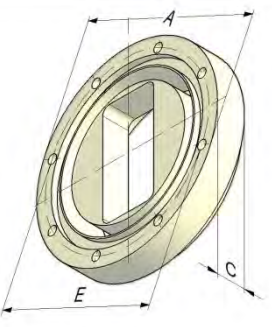
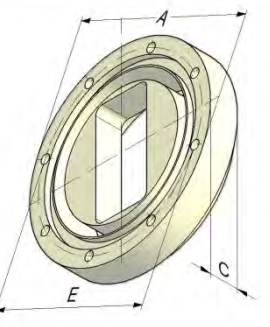
USA sealing groove EIA RS-271-A CPR 284 G	International sealing groove IEC 60154-2 154 IEC-PDR 32	UK sealing groove 5985-99-012-2939	UK sealing groove 5985-99-083-0058
			
A 76,2 (3)	A 76,2	A 84,15 (3,313)	A 84,15 (3,313)
B 114,3 (4,5)	B 114,3	B 122,25 (4,813)	B 122,25 (4,813)
E 29,57 (0,164)	E 29,57	E 32,54 (1,281)	E 32,54 (1,281)
F 14,68 (0,578)	F 14,68	F 19,05 (0,750)	F 19,05 (0,750)
G 32,53 (1,281)	G 32,54	G 51,59 (2,031)	G 51,59 (2,031)
H 48,62 (1,914)	H 48,61	H -	H -
Hole I Ø6,55 (Ø0,258)	Hole I Ø6,35	Hole I Ø7,18 (Ø0,287)	Hole I Ø7,18 (Ø0,282)
Hole J	Hole J	Hole J Ø6,38 (Ø0,251)	Hole J Ø6,38 (Ø0,251)
C	C 10	C 19,05 (0,750)	C 15,88 (0,625)
Material Cu, Al, Mg alloys	Material	Material	Material
F40508	F40465		

International plain IEC 60154-2 154 IEC-UAR 32	UK plain 5985-99-083-1560	USA plain MIL-DTL-3922/56D M3922/56-001 (UG-53/U)	USA plain MIL-DTL-3922/56D M3922/56-002 (UG-584/U)
			
A 134,9	A 149,23 (5,875)	A 134,95 (5,313)	A 134,95 (5,313)
B	B	B	B
E 120,65	E 136,53 (5,375)	E 120,65 (4,750)	E 120,65 (4,750)
F	F	F	F
G	G	G	G
H	H	H	H
Hole I 6,35	Hole I 6,52 (0,256)	Hole I 6,53 (0,257)	Hole I 6,53 (0,257)
Hole J	Hole J	Hole J	Hole J
C 7,9	C 19,05 (0,750)	C 19,05 (0,750)	C 19,05 (0,750)
Material	Material	Material Cu alloy	Material Al alloy
F40494			

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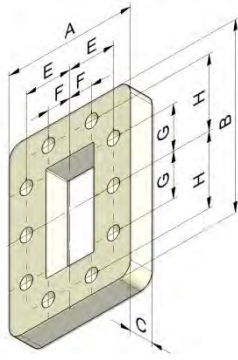
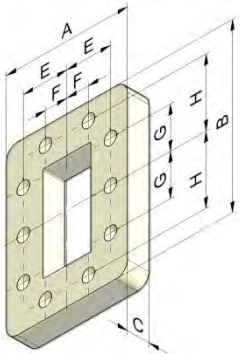
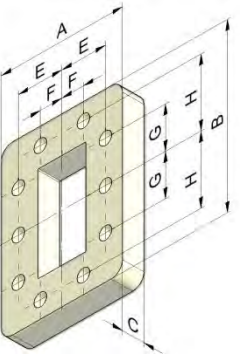
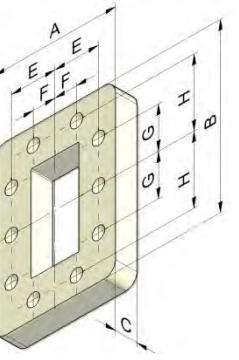
WR 284	R 32	WG 10
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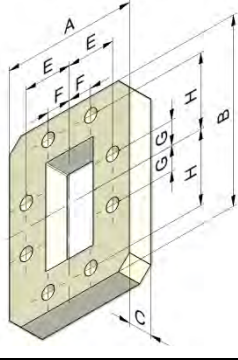
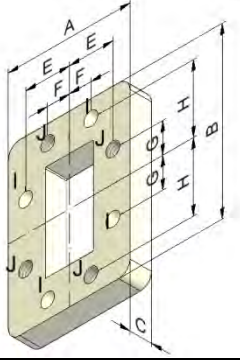
International sealing groove IEC 60154-2 154 IEC-PAR 32	UK sealing groove 5985-99-083-0010	International choke/sealing groove IEC 60154-2 154 IEC-CAR 32	UK choke/sealing groove 5985-99-083-1558
			
A 134,9	A 134,94 (5.313)	A 134,9	A 149,73 (5.875)
B	B	B	B
E 120,65	E 120,65 (4.750)	E 120,65	E 136,53 (5.375)
F	F	F	F
G	G	G	G
H	H	H	H
Hole I 6,35	Hole I 6,50 (0.256)	Hole I 6,35	Hole I 6,50 (0.256)
Hole J	Hole J	Hole J	Hole J
C 7,9	C 19,05 (0.750)	C 25,4	C 31,75 (1.250)
Material F40506	Material	Material F41135	Material

UK choke/sealing groove 5985-99-083-0009	USA choke/sealing groove MIL-DTL-3922/61E M3922/61-002 (UG-54B/U)	USA choke/sealing groove MIL-DTL-3922/61E M3922/61-001 (UG-585A/U)	
			
A 134,94 (5.312)	A 134,94 (5.312)	A 134,94 (5.312)	
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 6,50 (0.256)	Hole I 0.250-20 UNC-2B	Hole I 0.250-20 UNC-2B	
Hole J	Hole J	Hole J	
C 34,93 (1.375)	C 31,75 (1.250)	C 31,75 (1.250)	
Material	Material Cu alloy	Material Al alloy	

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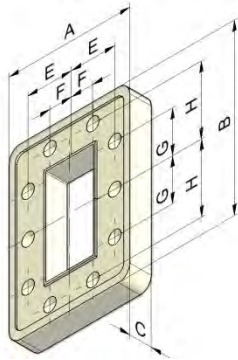
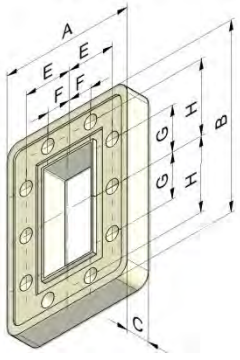
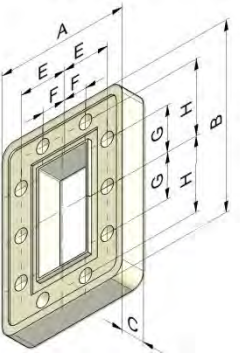
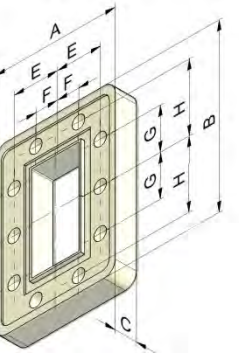
WR 229	R 40	WG 11A
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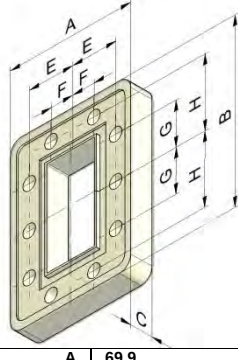
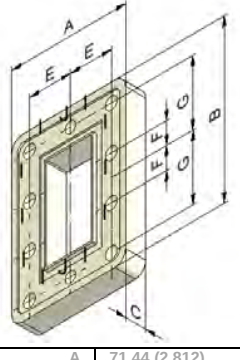
USA plain	USA plain	International plain	USA plain
MIL-DTL-3922/52D	MIL-DTL-3922/52D	IEC 60154-2	EIA RS-271-A
M3922/52-011 (UG-1726/U)	M3922/52-012 (UG-1727/U)	154 IEC-UDR 40	CPR 229 F
			
A 69,85 (2.75)	A 69,85 (2.75)	A 69,9	A 69,85 (2.750)
B 98,55 (3.88)	B 98,55 (3.88)	B 98,4	B 98,43 (3.875)
E 26,67 (1.05)	E 26,67 (1.05)	E 26,67	E 26,67 (1.05)
F 12,70 (0.5)	F 12,70 (0.5)	F 12,70	F 12,70 (0.5)
G 27,18 (1.07)	G 27,18 (1.07)	G 27,18	G 27,18 (1.07)
H 41,15 (1.62)	H 41,15 (1.62)	H 41,15	H 41,15 (1.62)
Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,35	Hole I Ø6,58 (Ø0.259)
Hole J	Hole J	Hole J	Hole J
C 9,65 (0.38)	C 9,65 (0.38)	C 10	C
Material Cu alloy	Material Al alloy	Material F40521	Material Cu, Al, Mg alloys

International plain	USA plain		
IEC 60154-2	EIA RS-166		
154 IEC-UER 40	CMR 229		
			
A 50,5	A 50,80 (2.000)		
B 80,2	B 80,17 (3.156)		
E 21,44	E 21,44 (0.844)		
F 10,325	F 10,31 (0.406)		
G 12,7	G 12,70 (0.500)		
H 36,12	H 36,12 (1.422)		
Hole I Ø 4	Hole I Ø3,73 (Ø0.147)		
Hole J	Hole J 0.138-32 UNC-2B		
C 6,4	C 5,72 (0.225)		
Material F40501	Material Cu, Al, Mg alloys		

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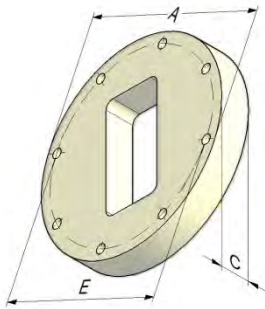
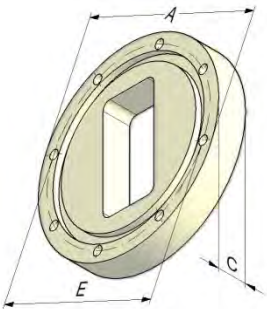
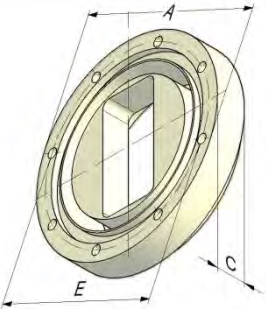
WR 229	R 40	WG 11A
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International plain IEC 60154-2 154 IEC-RDR 40	USA sealing groove MIL-DTL-3922/52D M3922/52-033 (UG-1350/U)	USA sealing groove MIL-DTL-3922/52D M3922/52-034 (UG-1351/U)	USA sealing groove EIA RS-271-A CPR 229 G
			
A 69,9	A 69,85 (2.75)	A 69,85 (2.75)	A 69,85 (2.750)
B 98,4	B 98,55 (3.88)	B 98,55 (3.88)	B 98,43 (3.875)
E 26,67	E 26,67 (1.05)	E 26,67 (1.05)	E 26,67 (1.05)
F 12,70	F 12,70 (0.50)	F 12,70 (0.50)	F 12,70 (0.50)
G 27,18	G 27,18 (1.07)	G 27,18 (1.07)	G 27,18 (1.07)
H 41,15	H 41,15 (1.62)	H 41,15 (1.62)	H 41,15 (1.62)
Hole I Ø6,35	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,58 (Ø0.259)
Hole J	Hole J	Hole J	Hole J
C 10	C 9,65 (0.38)	C 9,65 (0.38)	C
Material	Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys
			F40359

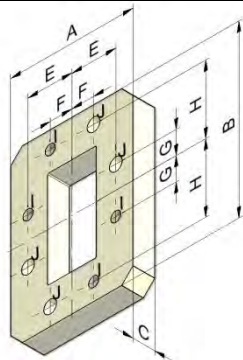
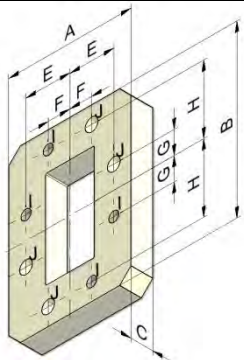
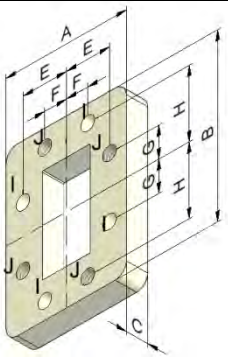
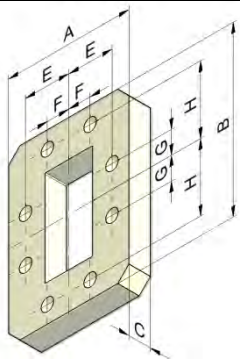
International sealing groove IEC 60154-2 154 IEC-PDR 40	UK sealing groove 5985-99-011-9657		
			
A 69,9	A 71,44 (2.812)		
B 98,4	B 103,19 (4.062)		
E 26,67	E 25,40 (1.000)		
F 12,7	F 14,30 (1.625)		
G 27,18	G 41,28 (1.625)		
H 41,15	H -		
Hole I Ø6,35	Hole I Ø5,44 (Ø0.214)		
Hole J	Hole J Ø4,88 (Ø0.192)		
C 10	C 14,28 (0.562)		
Material	Material		
F40363			

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WR 229	R 40	WG 11A
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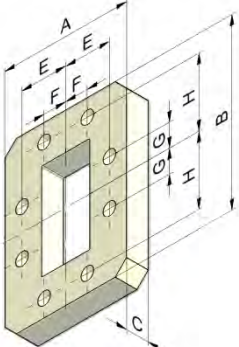
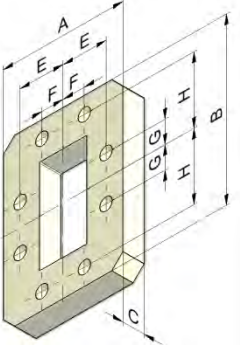
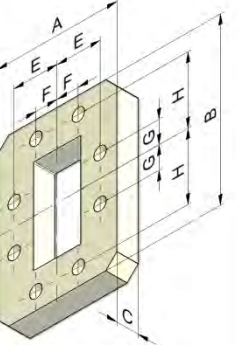
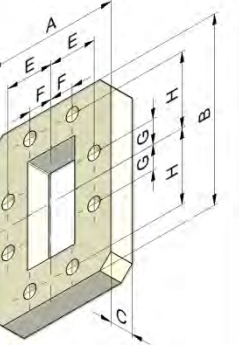
International plain IEC 60154-2 154 IEC-UAR 40	International sealing groove IEC 60154-2 154 IEC-PAR 40	International choke/sealing groove IEC 60154-2 154 IEC-CAR 40	
			
A 115,6	A 115,6	A 115,6	
B	B	B	
E 101,38	E 101,38	E 101,38	
F	F	F	
G	G	G	
H	H	H	
Hole I 6,35	Hole I 6,35	Hole I 6,35	
Hole J	Hole J	Hole J	
C 7,9	C 7,9	C 20,75	
Material	Material	Material	

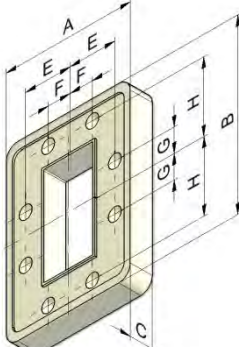
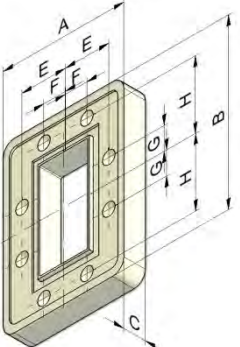
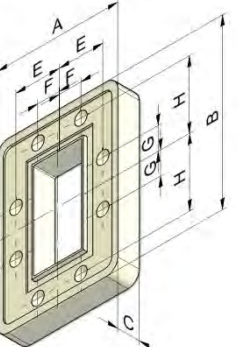
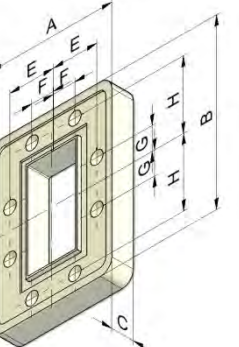
WR 187	R 48	WG 12	
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inactive for new design USA plain MIL-F-3922/63B M3922/63-001 (UG-1475/U)	inactive for new design USA plain MIL-F-3922/63B M3922/63-005 (UG-1480/U)	USA plain EIA RS-166 CMR 187	USA plain MIL-DTL-3922/52D M3922/52-013 (UG-1728/U)
			
A 45,24 (1.781)	A 45,24 (1.781)	A 45,24 (1.781)	A 63,5 (2.5)
B 70,64 (2.781)	B 70,64 (2.781)	B 70,64 (2.781)	B 88,9 (3.5)
E 18,16 (0.715)	E 18,16 (0.715)	E 18,16 (0.715)	E 23,22 (0.914)
F 11,89 (0.468)	F 11,89 (0.468)	F 11,89 (0.468)	F 11,12 (0.438)
G 10,29 (0.405)	G 10,29 (0.405)	G 10,29 (0.405)	G 14,3 (0.563)
H 30,86 (1.215)	H 30,86 (1.215)	H 30,86 (1.215)	H 35,92 (1.414)
Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole I Ø3,73 (Ø0.147)	Hole I Ø6,53 (Ø0.257)
Hole J Ø3,73 (Ø0.147)	Hole J Ø3,73 (Ø0.147)	Hole J 0.138-32 UNC-2B	Hole J
C 5,72 (0.225)	C 5,72 (0.225)	C 5,72 (0.225)	C 9,65 (0.38)
Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys	Material Cu alloy

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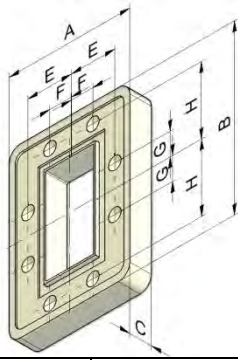
WR 187	R 48	WG 12
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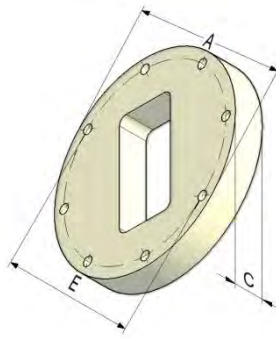
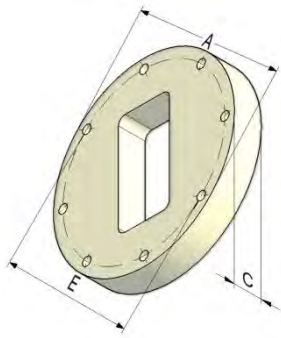
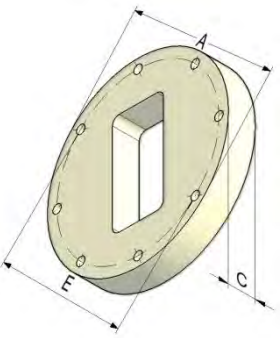
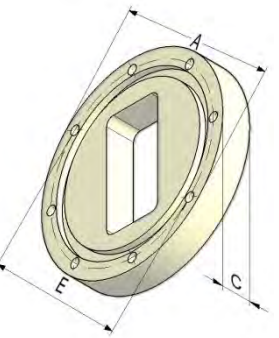
USA plain	International plain	USA plain	International plain
MIL-DTL-3922/52D	IEC 60154-2	EIA RS-271-A	IEC 60154-2
M3922/52-014 (UG-1729/U)	154 IEC-UDR 48	CPR 187 F	154 IEC-UER 48
			
A 63,5 (2.5)	A 63,5	A 63,5 (2.5)	A 45,2
B 88,9 (3.5)	B 88,9	B 88,9 (3.5)	B 70,6
E 23,22 (0.914)	E 23,22	E 23,22 (0.914)	E 18,6
F 11,12 (0.438)	F 11,11	F 11,11 (0.4375)	F 11,89
G 14,3 (0.563)	G 14,29	G 14,29 (0.5625)	G 10,29
H 35,92 (1.414)	H 35,91	H 35,92 (1.414)	H 30,86
Hole I Ø6,53 (Ø0.257)	Hole I Ø6,35	Hole I Ø6,55 (Ø0.258)	Hole I Ø 4
Hole J	Hole J	Hole J	Hole J
C 9,65 (0.38)	C 10	C	C 6,4
Material Al alloy	Material	Material Cu, Al, Mg alloys	Material
	F40763		F40790

International plain	USA sealing groove	USA sealing groove	USA sealing groove
IEC 60154-2	MIL-DTL-3922/52D	MIL-DTL-3922/52D	EIA RS-271-A
154 IEC-RDR 48	M3922/52-035 (UG-1352/U)	M3922/52-036 (UG-1353/U)	CPR 187 G
			
A 63,5	A 63,5 (2.5)	A 63,5 (2.5)	A 63,5 (2.5)
B 88,9	B 88,9 (3.5)	B 88,9 (3.5)	B 88,9 (3.5)
E 23,22	E 23,22 (0.914)	E 23,22 (0.914)	E 23,22 (0.914)
F 11,11	F 11,12 (0.438)	F 11,12 (0.438)	F 11,11 (0.4375)
G 14,29	G 14,3 (0.563)	G 14,3 (0.563)	G 14,29 (0.5625)
H 35,91	H 35,92 (1.414)	H 35,92 (1.414)	H 35,92 (1.414)
Hole I Ø6,35	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,55 (Ø0.258)
Hole J	Hole J	Hole J	Hole J
C 10	C 9,65 (0.38)	C 9,65 (0.38)	C
Material	Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys
			F41633

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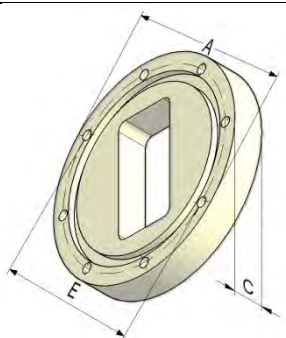
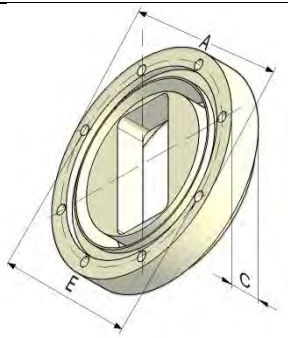
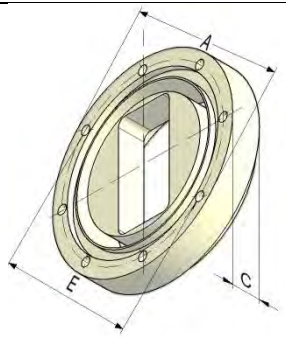
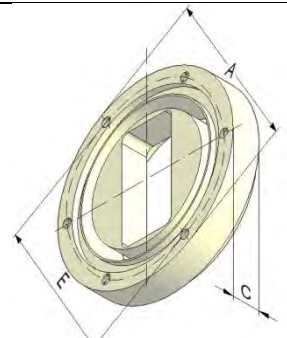
WR 187
R 48
WG 12

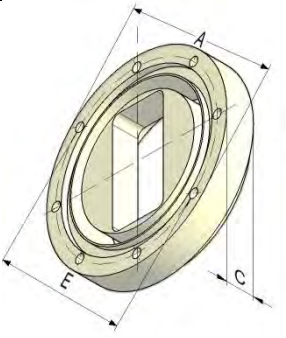
International			
sealing groove			
IEC 60154-2			
154 IEC-PDR 48			
			
A	63,5		
B	88,9		
E	23,22		
F	11,11		
G	14,29		
H	35,91		
Hole I	Ø6,35		
Hole J			
C	10		
Material			
F40480			

	inactive for new design	inactive for new design					
International	USA	USA	International				
plain	plain	plain	sealing groove				
IEC 60154-2	MIL-DTL-3922/57C	MIL-DTL-3922/57C	IEC 60154-2				
154 IEC-UAR 48	M3922/57-001 (UG-407/U)	M3922/57-002 (UG-149A/U)	154 IEC-PAR 48				
							
A	92,2	A	92,08 (3,625)	A	92,08 (3,625)	A	92,2
B		B		B		B	
E	82,55	E	82,55 (3,250)	E	82,55 (3,250)	E	82,55
F		F		F		F	
G		G		G		G	
H		H		H		H	
Hole I	5	Hole I	5,05 (0,199)	Hole I	5,05 (0,199)	Hole I	5
Hole J		Hole J		Hole J		Hole J	
C	6,4	C	9,53 (0,375)	C	9,53 (0,375)	C	6,4
Material		Material	Al alloy	Material	Cu alloy	Material	
F40495						F40507	

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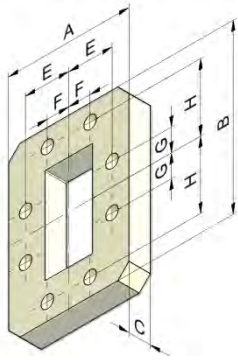
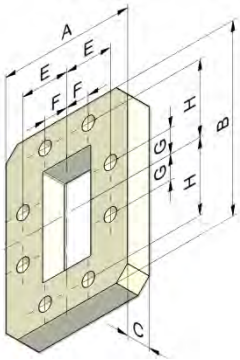
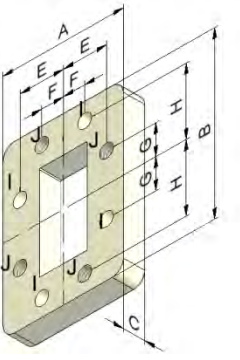
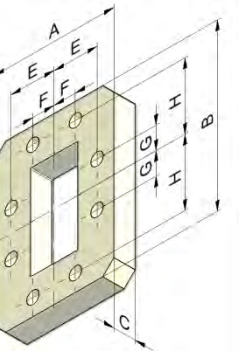
WR 187	R 48	WG 12
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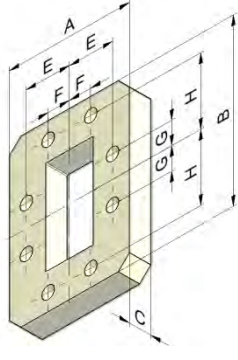
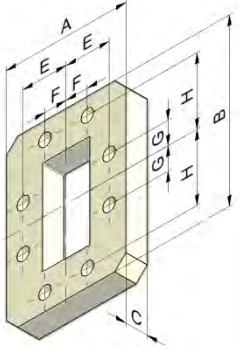
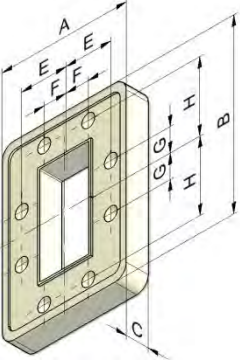
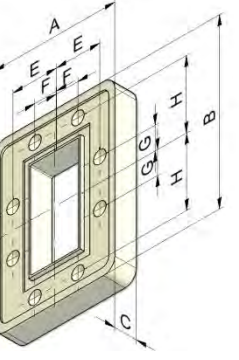
UK sealing groove	International choke/sealing groove IEC 60154-2	UK choke/sealing groove	USA choke/sealing groove
5985-99-083-0042	154 IEC-CAR 48	5985-99-083-0041	MIL-DTL-3922/62D M3922/62-002 (UG-148C/U)
			
A 92,08 (3,625)	A 92,2	A 92,08 (3,625)	A 92,08 (3,625)
B	B	B	B
E 82,55 (3,250)	E 82,55	E 82,55 (3,250)	E 82,55 (3,250)
F	F	F	F
G	G	G	G
H	H	H	H
Hole I 5,02 (0,197)	Hole I 5	Hole I 5,02 (0,197)	Hole I 0.190-32 UNF-2A
Hole J	Hole J	Hole J	Hole J
C 12,70 (0,500)	C 17,48	C 23,80 (0,937)	C 23,83 (0,938)
Material	Material	Material	Material
	F41175		Cu alloy

USA choke/sealing groove MIL-DTL-3922/62D M3922/62-001 (UG-406B/U)			
			
A 92,08 (3,625)			
B			
E 82,55 (3,250)			
F			
G			
H			
Hole I 0.190-32 UNF-2A			
Hole J			
C 23,83 (0,938)			
Material			

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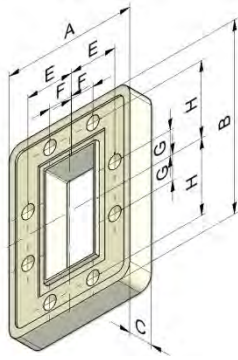
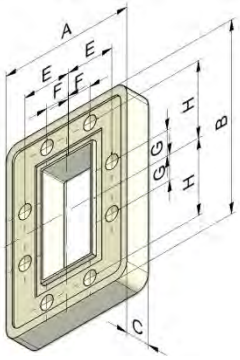
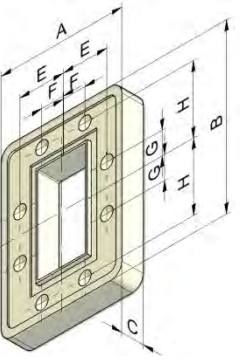
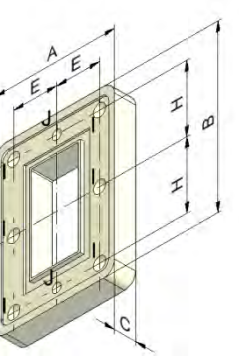
WR 159	R 58	WG 13
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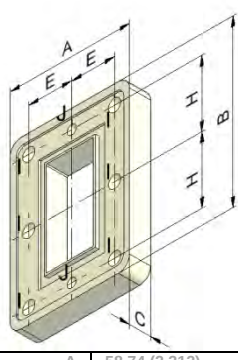
USA plain	USA plain	USA plain	International plain
MIL-DTL-3922/52D M3922/52-015 (UG-1730/U)	MIL-DTL-3922/52D M3922/52-016 (UG-1731/U)	EIA RS-166 CMR 159	IEC 60154-2 154 IEC-UDR 58
			
A 61,98 (2.44)	A 61,98 (2.44)	A 44,45 (1.750)	A 61,9
B 81,03 (3.19)	B 81,03 (3.19)	B 63,50 (2.500)	B 81
E 22,22 (0.875)	E 22,22 (0.875)	E 16,84 (0.663)	E 22,23
F 9,52 (0.375)	F 9,52 (0.375)	F 12,17 (0.479)	F 9,52
G 12,7 (0.5)	G 12,7 (0.5)	G 9,19 (0.362)	G 12,7
H 32,33 (1.273)	H 32,33 (1.273)	H 26,95 (1.061)	H 32,33
Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	Hole I Ø3,73 (Ø0.147)	Hole I Ø6,35
Hole J	Hole J	Hole J 0.138-32 UNC-2B	Hole J
C 9,65 (0.38)	C 9,65 (0.38)	C 5,72 (0.225)	C 10
Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys	Material
			F40782

USA plain	International plain	International plain	USA sealing groove
EIA RS-271-A CPR 159 F	IEC 60154-2 154 IEC-UER 58	IEC 60154-2 154 IEC-RDR 58	MIL-DTL-3922/52D M3922/52-037 (UG-1354/U)
			
A 61,91 (2.428)	A 44,5	A 61,9	A 61,98 (2.44)
B 80,95 (3.187)	B 63,5	B 81	B 81,03 (3.19)
E 22,23 (0.875)	E 16,84	E 22,23	E 22,22 (0.875)
F 9,35 (0.375)	F 12,17	F 9,52	F 9,52 (0.375)
G 12,7 (0.5)	G 9,19	G 12,7	G 12,7 (0.5)
H 32,33 (0.273)	H 26,95	H 32,33	H 32,33 (1.273)
Hole I Ø6,53 (Ø0.257)	Hole I Ø 4	Hole I Ø6,35	Hole I Ø6,53 (Ø0.257)
Hole J	Hole J	Hole J	Hole J
C	C 6,4	C 10	C 9,65 (0.38)
Material Cu, Al, Mg alloys	Material	Material	Material Cu alloy
	F40462		

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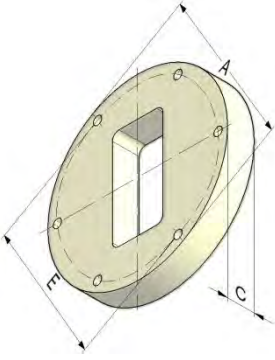
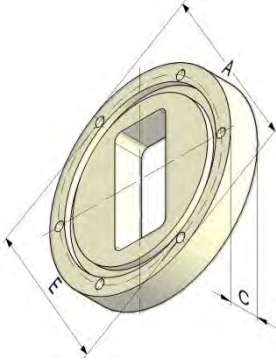
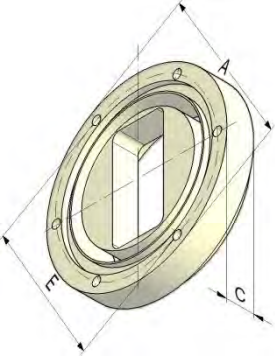
WR 159	R 58	WG 13
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USA sealing groove MIL-DTL-3922/52D M3922/52-038 (UG-1355/U)	USA sealing groove EIA RS-271-A CPR 159 G	International sealing groove IEC 60154-2 154 IEC-PDR 58	UK sealing groove 5985-99-083-1602
			
A 61,98 (2.44)	A 61,91 (2.428)	A 61,9	A 58,74 (2.312)
B 81,03 (3.19)	B 80,95 (3.187)	B 81	B 77,79 (3.063)
E 22,22 (0.875)	E 22,23 (0.875)	E 22,23	E 21,59 (0.850)
F 9,52 (0.375)	F 9,35 (0.375)	F 9,52	F -
G 12,7 (0.5)	G 12,7 (0.5)	G 12,7	G -
H 32,33 (1.273)	H 32,33 (0.273)	H 32,33	H 30,99 (1.220)
Hole I Ø6,53 (Ø0.257)	Hole I Ø6,53 (Ø0.257)	Hole I Ø6,35	Hole I Ø5,41 (Ø0.213)
Hole J	Hole J	Hole J	Hole J Ø4,85 (Ø0.191)
C 9,65 (0.38)	C	C 10	C 14,28 (0.562)
Material Al alloy	Material Cu, Al, Mg alloys	Material	Material
	F40513	F40443	

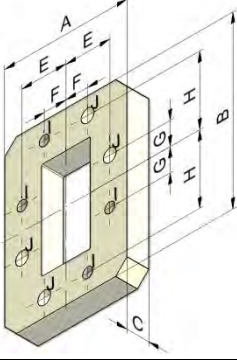
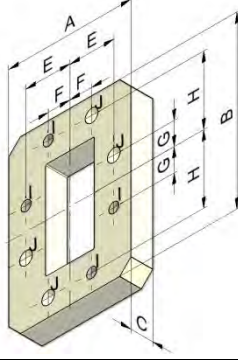
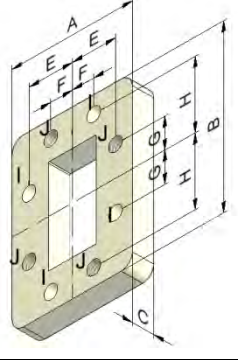
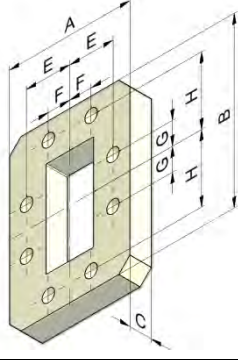
UK sealing groove 5985-99-083-0129			
			
A 58,74 (2.312)			
B 77,79 (3.036)			
E 21,59 (0.850)			
F -			
G -			
H 30,99 (1.220)			
Hole I Ø5,41 (Ø0.213)			
Hole J Ø4,85 (Ø0.191)			
C 14,28 (0.562)			
Material			

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WR 159	R 58	WG 13
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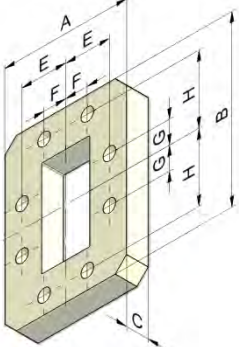
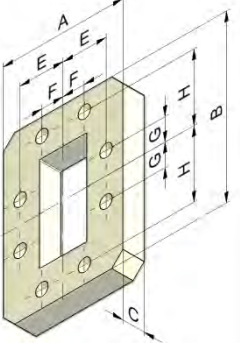
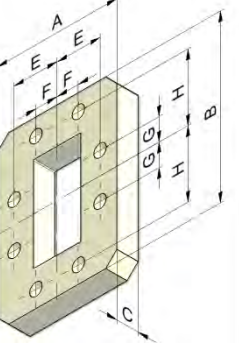
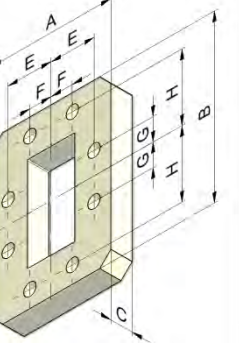
International plain IEC 60154-2 154 IEC-UAR 58	International sealing groove IEC 60154-2 154 IEC-PAR 58	International choke/sealing groove IEC 60154-2 154 IEC-CAR 58	
			
A 85,9	A 85,9	A 85,9	
B	B	B	
E 76,2	E 76,2	E 76,2	
F	F	F	
G	G	G	
H	H	H	
Hole I 5	Hole I 5	Hole I 5	
Hole J	Hole J	Hole J	
C 6,4	C 6,4	C 15,09	
Material	Material	Material	
F40734	F40925	F41235	

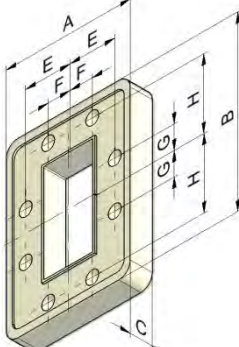
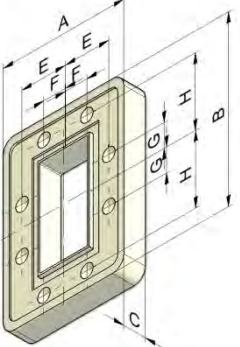
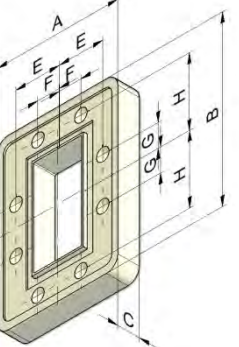
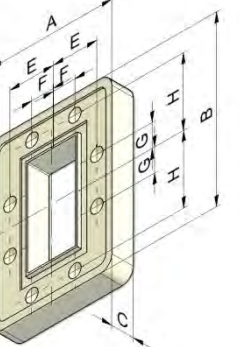
WR 137	R 70	WG 14	
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inactive for new design USA plain MIL-F-3922/63B M3922/63-002 (UG-1476/U)	inactive for new design USA plain MIL-F-3922/63B M3922/63-006 (UG-1481/U)	USA plain EIA RS-166 CMR 137	USA plain MIL-DTL-3922/52D M3922/52-017 (UG-1732/U)
			
A 38,89 (1.531)	A 38,89 (1.531)	A 38,89 (1.531)	A 49,28 (1.94)
B 57,94 (2.281)	B 57,94 (2.281)	B 57,94 (2.281)	B 68,33 (2.69)
E 14,99 (0.59)	E 14,99 (0.59)	E 14,99 (0.590)	E 18,26 (0.719)
F 8,71 (0.343)	F 8,71 (0.343)	F 8,71 (0.343)	F 7,95 (0.313)
G 8,18 (0.322)	G 8,18 (0.322)	G 8,18 (0.322)	G 11,12 (0.438)
H 24,51 (0.965)	H 24,51 (0.965)	H 24,51 (0.965)	H 27,79 (1.094)
Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole I Ø3,73 (Ø0.147)	Hole I Ø4,98 (Ø0.196)
Hole J Ø3,73 (Ø0.147)	Hole J Ø3,73 (Ø0.147)	Hole J 0.138-32 UNC-2B	Hole J
C 5,72 (0.225)	C 5,72 (0.225)	C 5,72 (0.225)	C 6,35 (0.25)
Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys	Material Cu alloy

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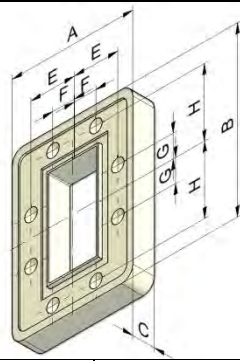
WR 137	R 70	WG 14	
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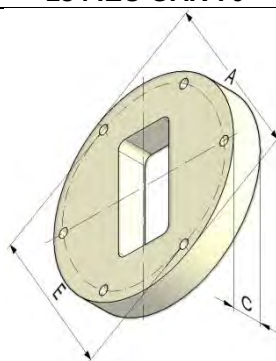
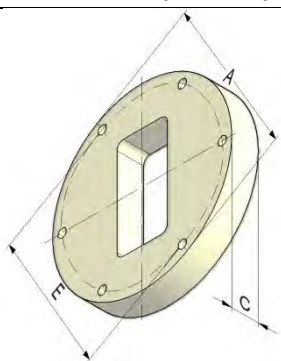
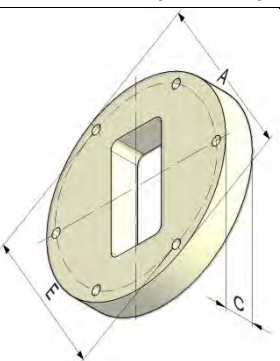
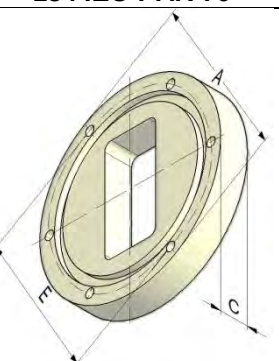
USA		International		USA		International	
plain		plain		plain		plain	
MIL-DTL-3922/52D		IEC 60154-2		EIA RS-271-A		IEC 60154-2	
M3922/52-018 (UG-1733/U)		154 IEC-UDR 70		CPR 137 F		154 IEC-UER 70	
							
A	49,28 (1.94)	A	49,2	A	49,21 (1.9375)	A	38,9
B	68,33 (2.69)	B	68,3	B	68,26 (2.6875)	B	57,94
E	18,26 (0.719)	E	18,26	E	19,25 (0.719)	E	14,99
F	7,95 (0.313)	F	7,94	F	7,94 (0.125)	F	8,71
G	11,12 (0.438)	G	11,11	G	11,11 (0.4375)	G	8,18
H	27,79 (1.094)	H	27,79	H	27,79 (1.094)	H	14,51
Hole I	Ø4,98 (Ø0.196)	Hole I	Ø5	Hole I	Ø5,03 (Ø0.198)	Hole I	Ø 4
Hole J		Hole J		Hole J		Hole J	
C	6,35 (0.25)	C	10	C		C	6,4
Material	Al alloy	Material		Material	Cu, Al, Mg alloys	Material	
		F40750				F40502	

International		USA		USA		USA	
plain		sealing groove		sealing groove		sealing groove	
IEC 60154-2		MIL-DTL-3922/52D		MIL-DTL-3922/52D		EIA RS-271-A	
154 IEC-RDR 70		M3922/52-039 (UG-1356/U)		M3922/52-040 (UG-1357/U)		CPR 137 G	
							
A	49,2	A	49,28 (1.94)	A	49,28 (1.94)	A	49,21 (1.9375)
B	68,3	B	68,33 (2.69)	B	68,33 (2.69)	B	68,26 (2.6875)
E	18,26	E	18,26 (0.719)	E	18,26 (0.719)	E	19,25 (0.719)
F	7,94	F	7,95 (0.313)	F	7,95 (0.313)	F	7,94 (0.125)
G	11,11	G	11,12 (0.438)	G	11,12 (0.438)	G	11,11 (0.4375)
H	27,79	H	27,79 (1.094)	H	27,79 (1.094)	H	27,79 (1.094)
Hole I	Ø5	Hole I	Ø4,98 (Ø0.196)	Hole I	Ø4,98 (Ø0.196)	Hole I	Ø5,03 (Ø0.198)
Hole J		Hole J		Hole J		Hole J	
C	10	C	6,35 (0.25)	C	6,35 (0.25)	C	
Material		Material	Cu alloy	Material	Al alloy	Material	Cu, Al, Mg alloys
						F40361	

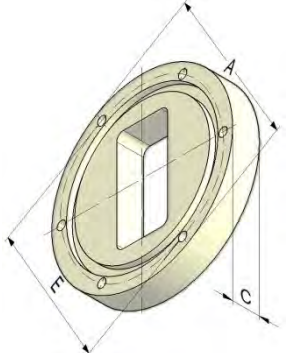
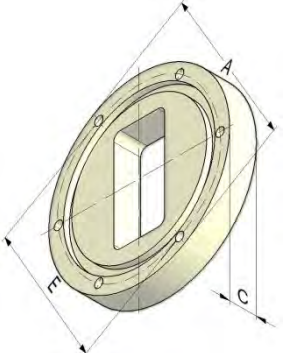
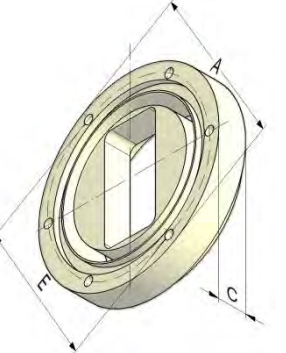
TD-00077

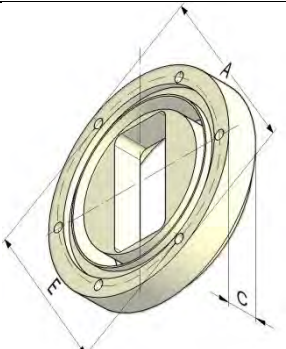
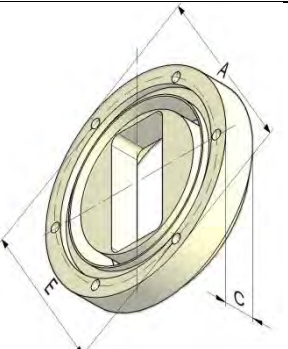
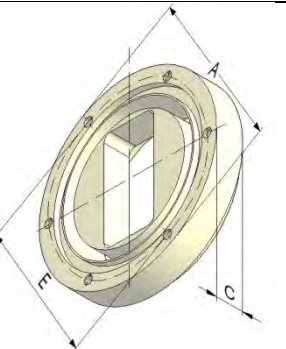
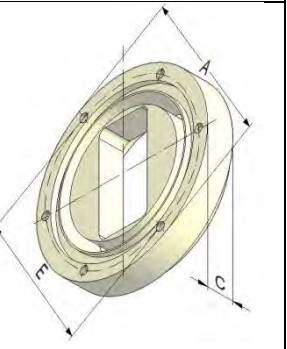
WR 137	R 70	WG 14
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International sealing groove IEC 60154-2 154 IEC-PDR 70					
					
A	49,2				
B	68,3				
E	18,26				
F	7,94				
G	11,11				
H	27,79				
Hole I	Ø5				
Hole J					
C	10				
Material					
F40442					

	inactive for new design	inactive for new design	
International	USA	USA	International
plain	plain	plain	sealing groove
IEC 60154-2	MIL-DTL-3922/55D	MIL-DTL-3922/55D	IEC 60154-2
154 IEC-UAR 70	M3922/55-001 (UG-344/U)	M3922/55-002 (UG-441/U)	154 IEC-PAR 70
			
A79,5	A79,38 (3.125)	A79,38 (3.125)	A79,5
B	B	B	B
E69,85	E69,85 (2.750)	E69,85 (2.750)	E69,85
F	F	F	F
G	G	G	G
H	H	H	H
Hole I5	Hole I5,05 (0.199)	Hole I5,05 (0.199)	Hole I5
Hole J	Hole J	Hole J	Hole J
C6,4	C9,53 (0.375)	C9,53 (0.375)	C6,4
Material	MaterialCu alloy	MaterialAl alloy	Material
F40340			F40340-1

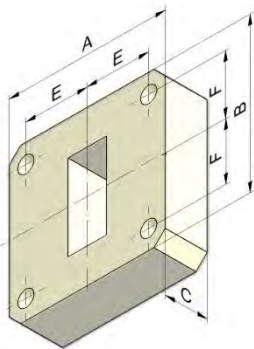
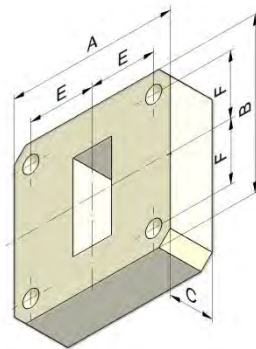
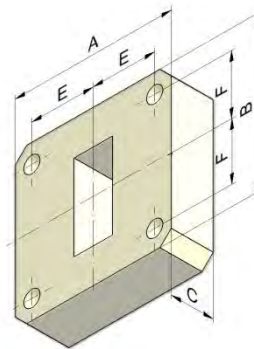
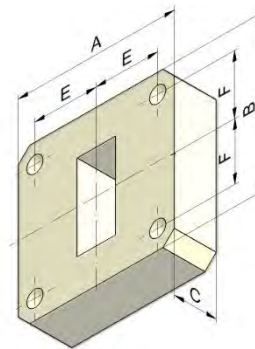
TD-00077

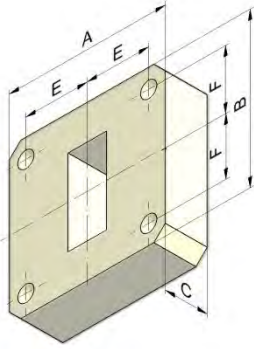
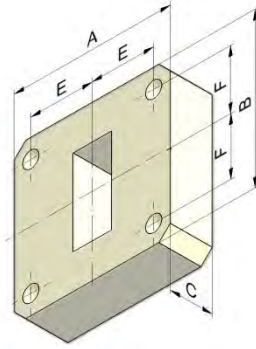
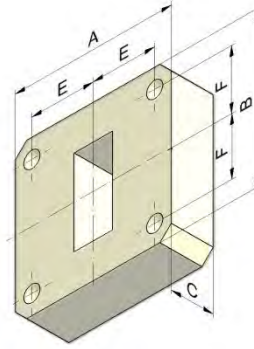
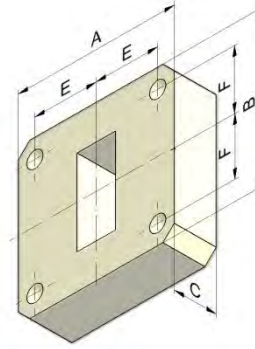
WR 137		R 70		WG 14	
UK		UK		International	
sealing groove		sealing groove		choke/sealing groove	
5985-99-083-0132		59855-99-083-0038		IEC 60154-2	
					
A	79,38 (3.125)	A	79,38 (3.125)	A	79,5
B		B		B	
E	69,85 (2.750)	E	69,85 (2.750)	E	69,85
F		F		F	
G		G		G	
H		H		H	
Hole I	5,02 (0.197)	Hole C	5,02 (0.197)	Hole I	5
Hole J		Hole D		Hole J	
C	9,53 (0.375)	C	9,53 (0.375)	C	12,7
Material		Material		Material	
				F41181	

UK		UK		inactive for new design		inactive for new design	
choke/sealing groove		choke/sealing groove		USA		USA	
5985-99-083-0037		5985-99-083-0131		choke/sealing groove		choke/sealing groove	
							
A	79,38 (3.125)	A	79,38 (3.125)	A	79,38 (3.125)	A	79,38 (3.125)
B		B		B		B	
E	69,85 (2.750)	E	69,85 (2.750)	E	69,85 (2.750)	E	69,85 (2.750)
F		F		F		F	
G		G		G		G	
H		H		H		H	
Hole I	5,02 (0.197)	Hole I	5,02 (0.197)	Hole I	0.190-32 UNF-2B	Hole I	0.190-32 UNF-2B
Hole J		Hole J		Hole J		Hole J	
C	19,05 (0.750)	C	19,05 (0.750)	C	19,05 (0.750)	C	19,05 (0.750)
Material		Material		Material	Cu alloy	Material	Al alloy

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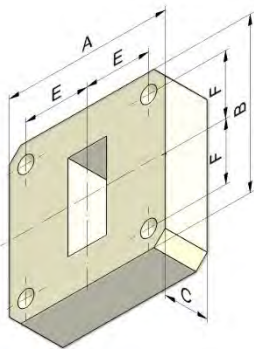
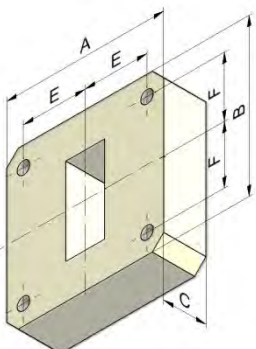
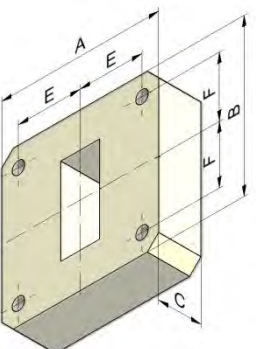
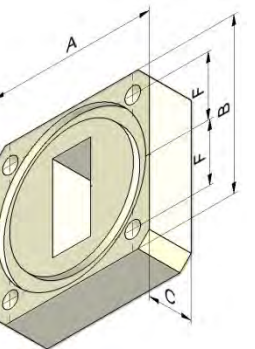
WR 112	R 84	WG 15
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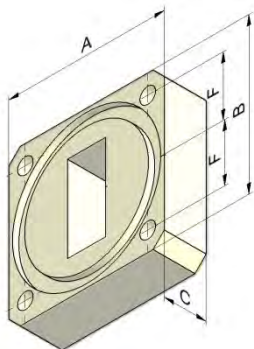
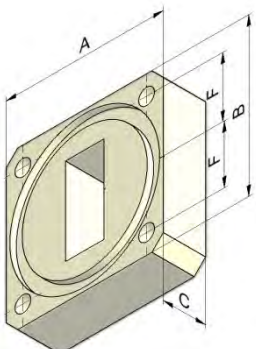
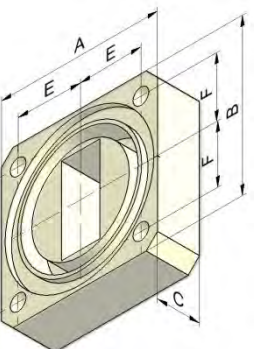
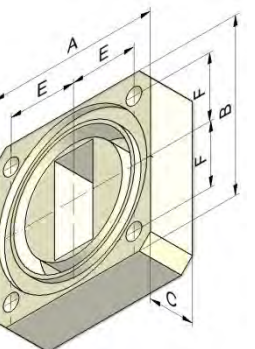
		inactive for new design	inactive for new design
USA	USA	USA	USA
plain	plain	plain	plain
MIL-DTL-3922/53E	MIL-DTL-3922/53E	MIL-DTL-3922/54D	MIL-F-3922/54D
M3922/53-002 (UG-51/U)	M3922/53-004 (UG-138/U)	M3922/54-011	M3922/54-012
			
A 47,63 (1.875)	A 47,63 (1.875)	A 47,62 (1.875)	A 47,62 (1.875)
B 47,63 (1.875)	B 47,63 (1.875)	B 47,62 (1.875)	B 47,62 (1.875)
E 18,72 (0.737)	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)	F 17,17 (0.676)
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 C Ø4,29 (Ø0.169)
Hole J	Hole J	Hole J	Hole D
C 11,12 (0.438)	C 11,12 (0.438)	C 15,88 (0.625)	C 15,88 (0.625)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

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 (UG-1493/U)	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 C Ø4,29 (Ø0.169)
Hole J	Hole J	Hole J	Hole D
C 12,70 (0.500)	C 12,70 (0.500)	C 12,70 (0.500)	C 12,70 (0.500)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

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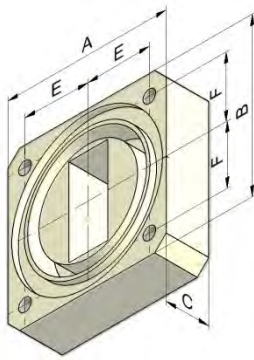
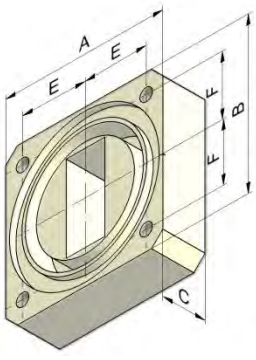
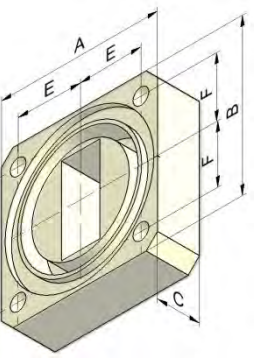
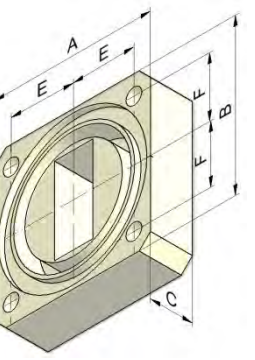
WR 112	R 84	WG 15
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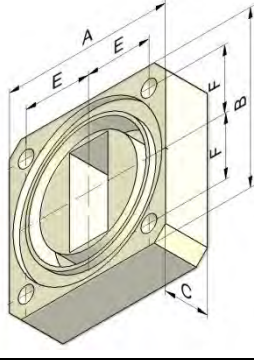
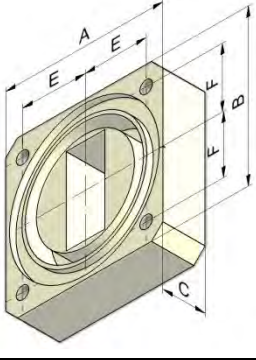
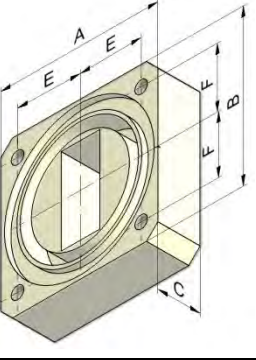
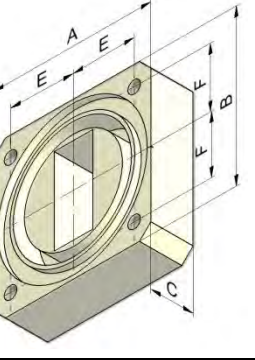
	inactive for new design	inactive for new design	
International	USA	USA	International
plain	plain	plain	sealing groove
IEC 60154-2	MIL-F-3922/54D	MIL-F-3922/54D	IEC 60154-2
154 IEC-UBR 84	M3922/54-005	M3922/54-006	154 IEC-PBR 84
			
A 47,8	A 47,62 (1.875)	A 47,62 (1.875)	A 47,8
B 47,8	B 47,62 (1.875)	B 47,62 (1.875)	B 47,8
E 18,72	E 18,72 (0.737)	E 18,72 (0.737)	E 18,72
F 17,17	F 17,17 (0.676)	F 17,17 (0.676)	F 17,17
G	G	G	G
H	H	H	H
Hole I Ø4,17	Hole I 0.164-32 UNC-2B	Hole C 0.164-32 UNC-2B	Hole I Ø4,17
Hole J	Hole J	Hole D	Hole J
C 11,1	C 15,88 (0.625)	C 15,88 (0.625)	C 11,1
Material F40486	Material Cu alloy	Material Al alloy	Material F40489

UK	UK	UK	UK
sealing groove	sealing groove	choke/sealing groove	choke/sealing groove
5985-99-083-0034	5985-99-011-9112	5985-99-083-0134	5985-99-083-0033
			
A 47,83 (1.875)	A 47,63 (1.875)	A 47,63 (1.875)	A 47,63 (1.875)
B 47,83 (1.875)	B 47,63 (1.875)	B 47,63 (1.875)	B 47,63 (1.875)
E 18,72 (0.737)	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)	F 17,17 (0.676)
G	G	G	G
H	H	H	H
Hole I Ø4,33 (Ø0,170)	Hole I Ø4,33 (Ø0,170)	Hole I Ø4,33 (Ø0,170)	Hole I Ø4,33 (Ø0,170)
Hole J	Hole J	Hole J	Hole J
C 11,10 (0.437)	C 11,13 (0.438)	C 15,88 (0.625)	C 15,88 (0.625)
Material	Material	Material	Material

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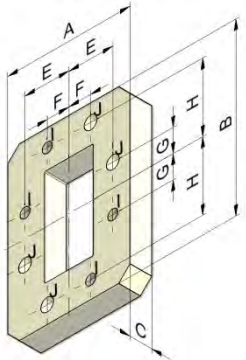
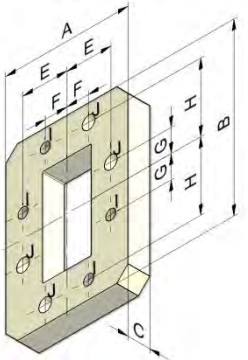
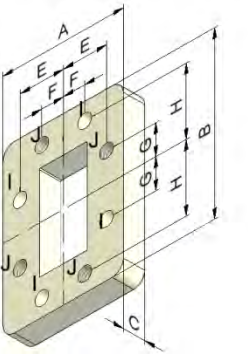
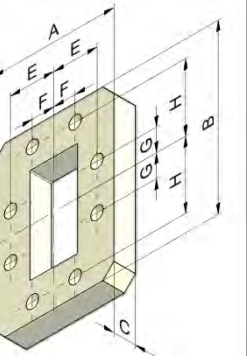
WR 112	R 84	WG 15	
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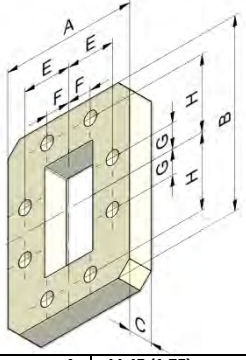
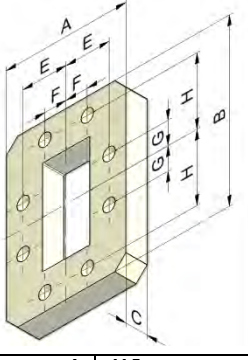
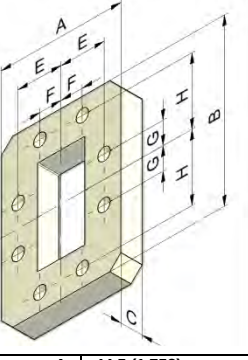
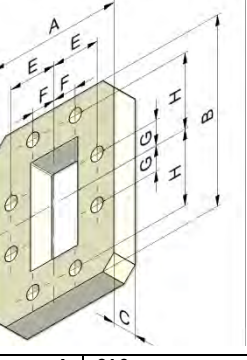
USA	USA	USA	USA
choke/sealing groove	choke/sealing groove	choke/sealing groove	choke/sealing groove
MIL-DTL-3922/59F	MIL-DTL-3922/59F	MIL-DTL-3922/59F	MIL-DTL-3922/59F
M3922/59-007 (UG-52B/U)	M3922/59-009 (UG-137B/U)	M3922/59-015	M3922/59-016
			
A 47,63 (1.875)	A 47,63 (1.875)	A 47,63 (1.875)	A 47,63 (1.875)
B 47,63 (1.875)	B 47,63 (1.875)	B 47,63 (1.875)	B 47,63 (1.875)
E 18,72 (0.737)	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)	F 17,17 (0.676)
G	G	G	G
H	H	H	H
Hole I 0.164-32 UNC-2B	Hole I 0.164-32 UNC-2B	Hole I Ø4,29 (Ø0.169)	Hole I Ø4,29 (Ø0.169)
Hole J	Hole J	Hole J	Hole J
C 15,88 (0.625)	C 15,88 (0.625)	C 12,7 (0.5)	C 12,7 (0.5)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

International	canceled w/o replacement USA	canceled w/o replacement USA	canceled w/o replacement USA
choke/sealing groove	choke/sealing groove	choke/sealing groove	choke/sealing groove
IEC 60154-2	MIL-DTL-3922/69	MIL-DTL-3922/69	MIL-DTL-3922/69
154 IEC-CBR 84	M3922/69-001 (UG-1494/U)	M3922/69-002	M3922/69-003
			
A 47,8	A 42,85 (1.687)	A 42,85 (1.687)	A 42,85 (1.687)
B 47,8	B 42,85 (1.687)	B 42,85 (1.687)	B 42,85 (1.687)
E 18,72	E 17,02 (0.670)	E 17,02 (0.670)	E 17,02 (0.670)
F 17,17	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 Ø4,17	Hole C 0.164-32 UNC-2B	Hole C 0.164-32 UNC-2B	Hole C 0.164-32 UNC-2B
Hole J	Hole D	Hole D	Hole D
C 11,1	C 12,70 (0.500)	C 12,70 (0.500)	C 12,70 (0.500)
Material F41238	Material Cu alloy	Material Al alloy 6061	Material Al alloy 6063

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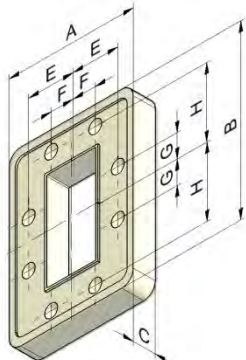
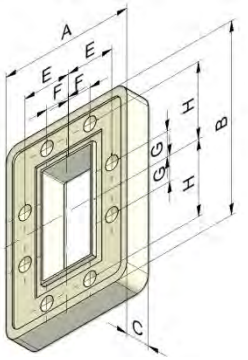
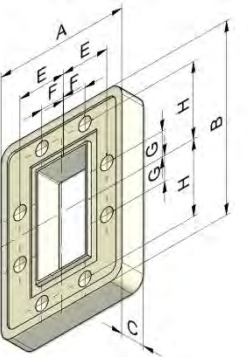
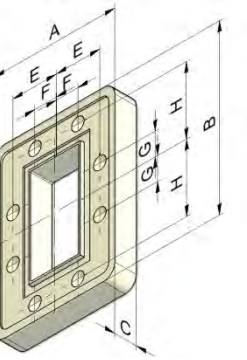
WR 112	R 84	WG 15
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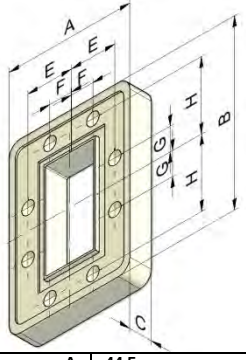
inactive for new design	inactive for new design		
USA	USA	USA	USA
plain	plain	plain	plain
MIL-F-3922/63B	MIL-F-3922/63B	EIA RS-166	MIL-DTL-3922/52D
M3922/63-003 (UG-1477/U)	M3922/63-007 (UG-1482/U)	CMR 112	M3922/52-019 (UG-1734/U)
			
A 34,93 (1.375)	A 34,93 (1.375)	A 34,93 (1.375)	A 44,45 (1.75)
B 51,21 (2.016)	B 51,21 (2.016)	B 51,21 (2.016)	B 63,5 (2.5)
E 13,13 (0.517)	E 13,13 (0.517)	E 13,13 (0.517)	E 16,26 (0.64)
F 7,11 (0.28)	F 7,11 (0.28)	F 7,11 (0.280)	F 7,95 (0.313)
G 7,04 (0.277)	G 7,04 (0.277)	G 7,03 (0.277)	G 9,52 (0.375)
H 21,08 (0.83)	H 21,08 (0.83)	H 21,08 (0.830)	H 24,21 (0.953)
Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole I Ø3,73 (Ø0.147)	Hole I Ø4,29 (Ø0.169)
Hole J Ø3,73 (Ø0.147)	Hole J Ø3,73 (Ø0.147)	Hole J 0.138-32 UNC-2B	Hole J
C 5,72 (0.225)	C 5,72 (0.225)	C 5,72 (0.225)	C 6,35 (0.25)
Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys	Material Cu alloy

USA	International	USA	International
plain	plain	plain	plain
MIL-DTL-3922/52D	IEC 60154-2	EIA RS-271-A	IEC 60154-2
M3922/52-020 (UG-1735/U)	154 IEC-UDR 84	CPR 112 F	154 IEC-UER 84
			
A 44,45 (1.75)	A 44,5	A 44,5 (1.752)	A 34,9
B 63,5 (2.5)	B 63,5	B 63,5 (2.5)	B 51,2
E 16,26 (0.64)	E 16,27	E 16,26 (0.640)	E 13,13
F 7,95 (0.313)	F 7,94	F 7,95 (0.313)	F 7,11
G 9,52 (0.375)	G 9,52	G 9,53 (0.375)	G 7,04
H 24,21 (0.953)	H 24,21	H 24,2 (0.953)	H 21,08
Hole I Ø4,29 (Ø0.169)	Hole I Ø4	Hole I Ø4,29 (Ø0.169)	Hole I Ø 4
Hole J	Hole J	Hole J	Hole J
C 6,35 (0.25)	C 7,5	C	C 6,4
Material Al alloy	Material	Material	Material
	F40524		F40514

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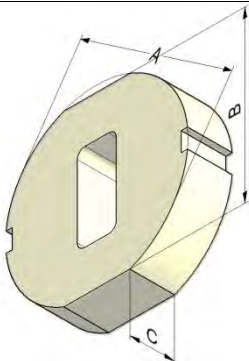
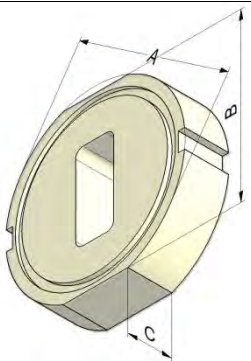
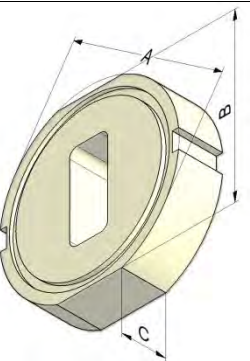
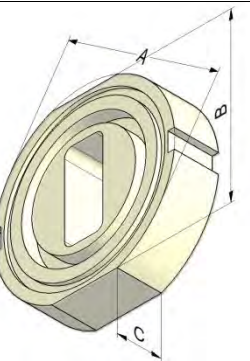
WR 112	R 84	WG 15
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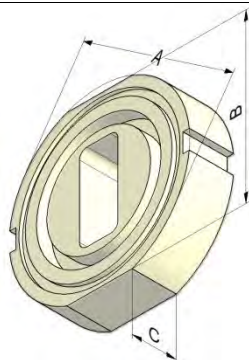
International plain IEC 60154-2 154 IEC-RDR 84	USA sealing groove MIL-DTL-3922/52D M3922/52-041 (UG-1358/U)	USA sealing groove MIL-DTL-3922/52D M3922/52-042 (UG-1359/U)	USA sealing groove EIA RS-271-A CPR 112 G
			
A 44,5	A 44,45 (1.75)	A 44,45 (1.75)	A 44,5 (1.752)
B 63,5	B 63,5 (2.5)	B 63,5 (2.5)	B 63,5 (2.5)
E 16,27	E 16,26 (0.64)	E 16,26 (0.64)	E 16,26 (0.640)
F 7,94	F 7,95 (0.313)	F 7,95 (0.313)	F 7,95 (0.313)
G 9,52	G 9,52 (0.375)	G 9,52 (0.375)	G 9,53 (0.375)
H 24,21	H 24,21 (0.953)	H 24,21 (0.953)	H 24,2 (0.953)
Hole I Ø4	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 7,5	C 6,35 (0.25)	C 6,35 (0.25)	C
Material	Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys
			F40317

International sealing groove IEC 60154-2 154 IEC-PDR 84			
			
A 44,5			
B 63,5			
E 16,27			
F 7,94			
G 9,52			
H 24,21			
Hole I Ø4			
Hole J			
C 7,5			
Material			
F40461			

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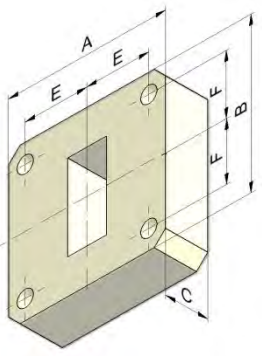
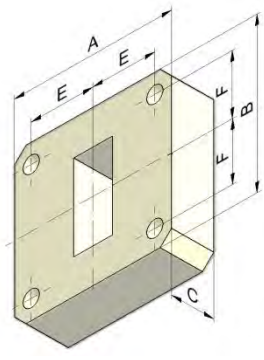
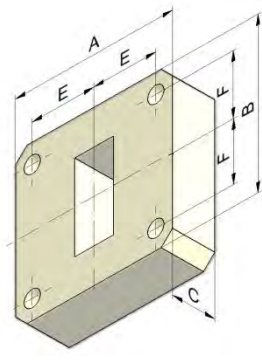
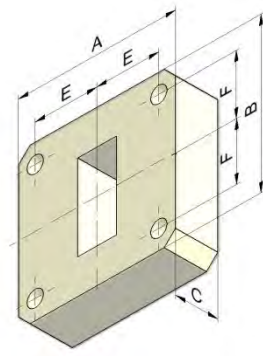
WR 112	R 84	WG 15	
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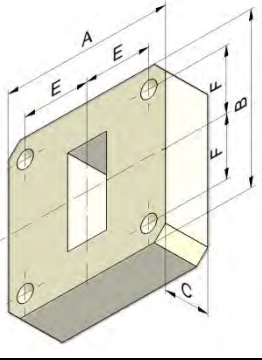
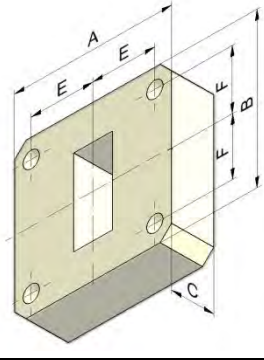
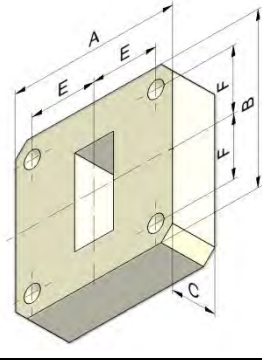
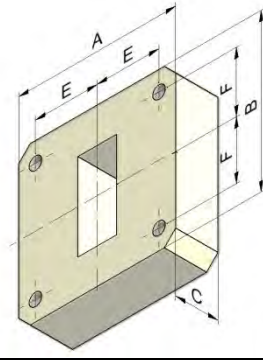
UK plain	UK sealing groove	UK sealing groove	UK choke/sealing groove
UCR 84	5985-99-011-9660	5985-99-012-0892	5985-99-011-9661
			
A 48,44 (1.907)	A 48,44 (1.907)	A 48,44 (1.907)	A 48,44 (1.907)
B 45,72 (1.800)	B 45,72 (1.800)	B 45,72 (1.800)	B 45,72 (1.800)
E	E	E	E
F	F	F	F
G	G	G	G
H	H	H	H
Hole I	Hole I	Hole I	Hole I
Hole J	Hole J	Hole J	Hole J
C 11,43 (0.450)	C 11,43 (0.450)	C 11,43 (0.450)	C 11,43 (0.450)
Material	Material	Material	Material

UK choke/sealing groove			
5985-99-012-0893			
			
A 48,44 (1.907)			
B 45,72 (1.800)			
E			
F			
G			
H			
Hole I			
Hole J			
C 15,88 (0.625)			
Material			

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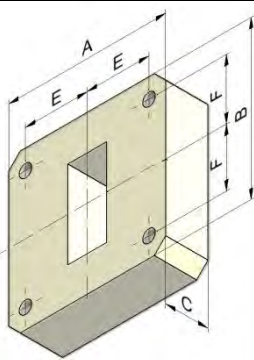
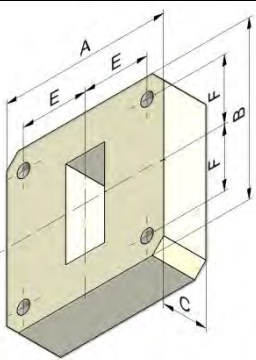
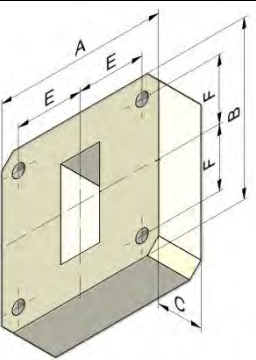
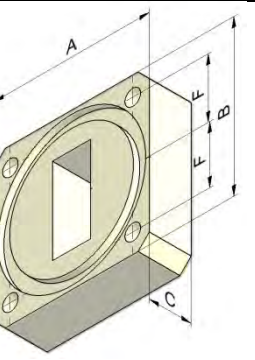
WR 90	R 100	WG 16
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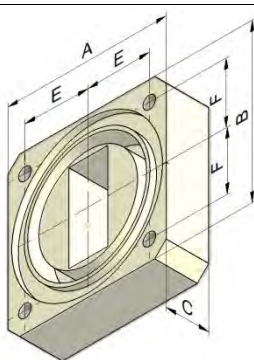
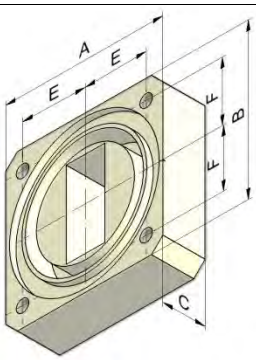
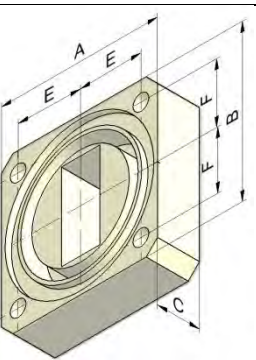
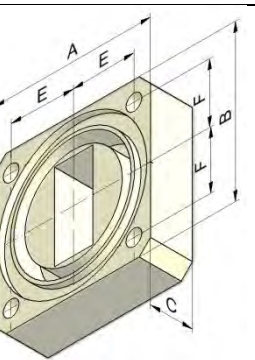
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A 41,28 (1.625)	A 41,28 (1.625)	A 41,28 (1.625)	A 41,28 (1.625)
B 41,28 (1.625)	B 41,28 (1.625)	B 41,28 (1.625)	B 41,28 (1.625)
E 16,26 (0.640)	E 16,26 (0.640)	E 16,26 (0.640)	E 16,26 (0.640)
F 15,49 (0.610)	F 15,49 (0.610)	F 15,49 (0.610)	F 15,49 (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 C Ø4,29 (Ø0.169)
Hole J	Hole J	Hole J	Hole D
C 11,12 (0.438)	C 11,12 (0.438)	C 11,12 (0.438)	C 11,12 (0.438)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

inactive for new design USA plain MIL-DTL-3922/54D M3922/54-013	inactive for new design USA plain MIL-DTL-3922/54D M3922/54-014	International plain IEC 60154-2 154 IEC-UBR 100	inactive for new design USA plain MIL-DTL-3922/54D M3922/54-007
			
A 41,27 (1.625)	A 41,27 (1.625)	A 41,4	A 41,27 (1.625)
B 41,27 (1.625)	B 41,27 (1.625)	B 41,4	B 41,27 (1.625)
E 16,26 (0.640)	E 16,26 (0.640)	E 16,255	E 16,26 (0.640)
F 15,49 (0.610)	F 15,49 (0.610)	F 15,495	F 15,49 (0.610)
G	G	G	G
H	H	H	H
Hole I Ø4,29 (Ø0.169)	Hole C Ø4,29 (Ø0.169)	Hole I Ø4,17	Hole I 0.164-32 UNC-2B
Hole J	Hole D	Hole J	Hole J
C 11,12 (0.438)	C 11,12 (0.438)	C 11,12	C 11,12 (0.438)
Material Cu alloy	Material Al alloy	Material	Material Cu alloy
		F40464	

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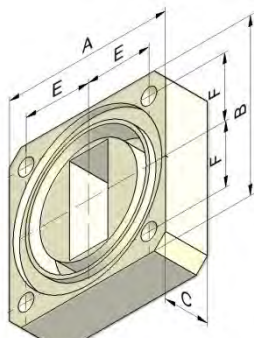
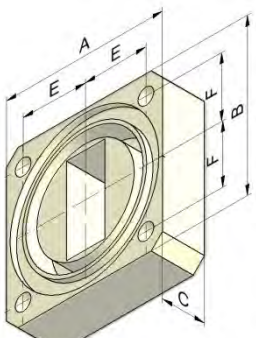
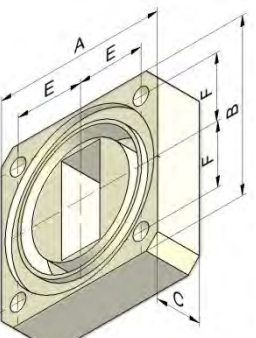
WR 90	R 100	WG 16	
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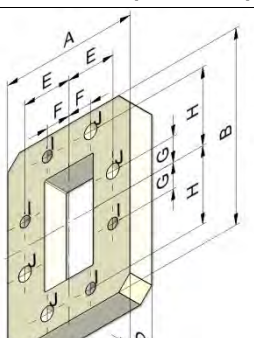
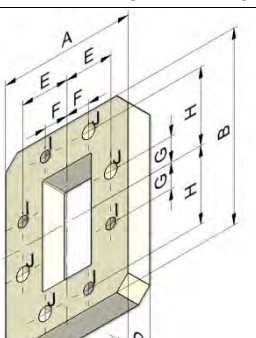
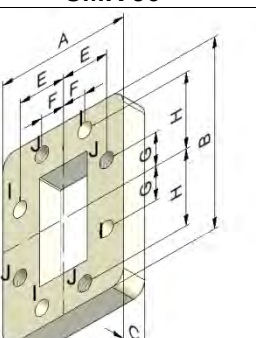
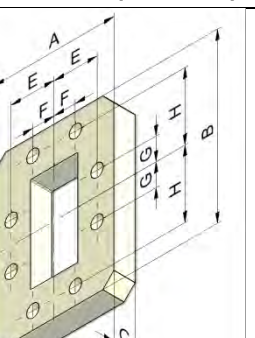
inactive for new design			
USA	USA	USA	International
plain	plain	plain	sealing groove
MIL-DTL-3922/54D	MIL-DTL-3922/53E	MIL-DTL-3922/53E	IEC 60154-2
M3922/54-008	M3922/53-015	M3922/53-016	154 IEC-PBR 100
			
A 41,27 (1.625)	A 41,28 (1.625)	A 41,28 (1.625)	A 41,4
B 41,27 (1.625)	B 41,28 (1.625)	B 41,28 (1.625)	B 41,4
E 16,26 (0.640)	E 16,26 (0.640)	E 16,26 (0.640)	E 16,255
F 15,49 (0.610)	F 15,49 (0.610)	F 15,49 (0.610)	F 15,495
G	G	G	G
H	H	H	H
Hole C 0.164-32 UNC-2B	Hole I 0.164-32 UNC-2B	Hole I 0.164-32 UNC-2B	Hole I Ø4,17
Hole D	Hole J	Hole J	Hole J
C 11,12 (0.438)	C 11,12 (0.438)	C 11,12 (0.438)	C 11,12
Material Al alloy	Material Cu alloy	Material Al alloy	Material
			F40490

USA	USA	USA	USA
choke/sealing groove	choke/sealing groove	choke/sealing groove	choke/sealing groove
MIL-DTL-3922/59F	MIL-DTL-3922/59F	MIL-DTL-3922/59F	MIL-DTL-3922/59F
M3922/59-006 (UG-40B/U)	M3922/59-008 (UG-136B/U)	M3922/59-013	M3922/59-014
			
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 (0.64)	E 16,26 (0.64)	E 16,26 (0.64)	E 16,26 (0.64)
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 0.164-32 UNC-2B	Hole I 0.164-32 UNC-2B	Hole I Ø4,29 (Ø0.169)	Hole C Ø4,29 (Ø0.169)
Hole J	Hole J	Hole J	Hole D
C 11,13 (0.438)	C 11,13 (0.438)	C 15,88 (0.625)	C 15,88 (0.625)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

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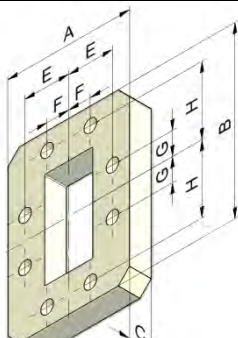
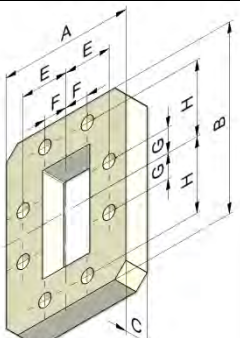
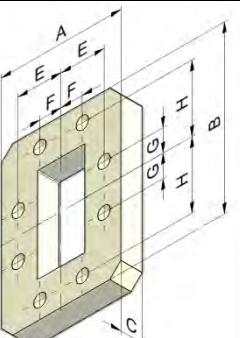
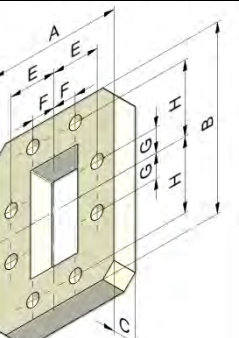
WR 90	R 100	WG 16
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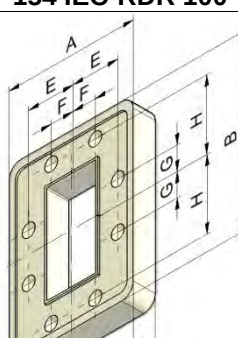
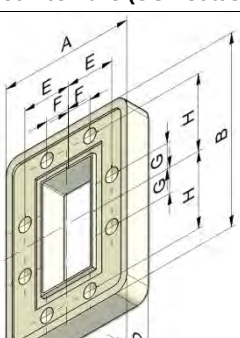
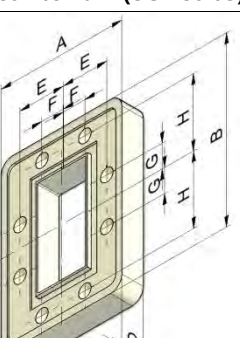
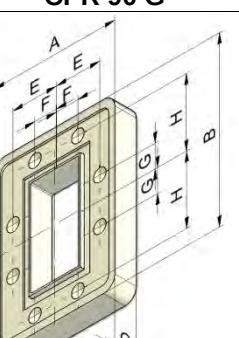
UK choke/sealing groove	UK choke/sealing groove	International choke/sealing groove IEC 60154-2 154 IEC-CBR 100	
5985-99-083-1611	5985-99-011-9114		
			
A 41,28 (1.625)	A 41,28 (1.625)	A 41,4	
B 41,28 (1.625)	B 41,28 (1.625)	B 41,4	
E 16,26 (0.64)	E 16,26 (0.64)	E 16,255	
F 15,49 (0.610)	F 15,49 (0.610)	F 15,495	
G	G	G	
H	H	H	
Hole I Ø4,33 (Ø0.17)	Hole I Ø4,33 (Ø0.17)	Hole I Ø4,17	
Hole J	Hole J	Hole J	
C 11,10 (0.437)	C 11,10 (0.437)	C 11,12	
Material Cu alloy	Material Al alloy	Material F41239	

inactive for new design USA plain MIL-F-3922/63B M3922/63-004 (UG-1478/U)	inactive for new design USA plain MIL-F-3922/63B M3922/63-008 (UG-1483/U)	USA plain EIA RS-166 CMR 90	USA plain MIL-DTL-3922/52D M3922/52-021 (UG-1736/U)
			
A 32,16 (1.266)	A 32,16 (1.266)	A 32,16 (1.266)	A 40,39 (1.59)
B 44,86 (1.766)	B 44,86 (1.766)	B 44,86 (1.766)	B 53,09 (2.09)
E 11,56 (0.455)	E 11,56 (0.455)	E 11,56 (0.455)	E 14,68 (0.578)
F 5,72 (0.225)	F 5,72 (0.225)	F 5,72 (0.225)	F 7,95 (0.313)
G 5,97 (0.235)	G 5,97 (0.235)	G 5,97 (0.235)	G 7,92 (0.312)
H 17,91 (0.705)	H 17,91 (0.705)	H 17,91 (0.705)	H 21,03 (0.828)
Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole I Ø3,73 (Ø0.147)	Hole I Ø4,29 (Ø0.169)
Hole J Ø3,73 (Ø0.147)	Hole J Ø3,73 (Ø0.147)	Hole J 0.138-32 UNC-2B	Hole J
C 5,72 (0.225)	C 5,72 (0.225)	C 5,72 (0.225)	C 6,35 (0.25)
Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys	Material Cu alloy

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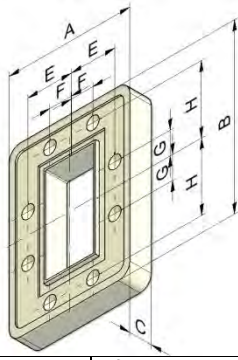
WR 90	R 100	WG 16	
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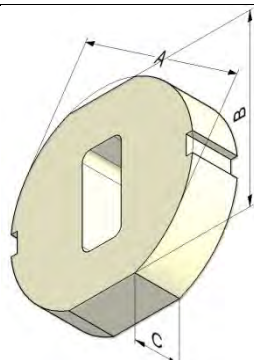
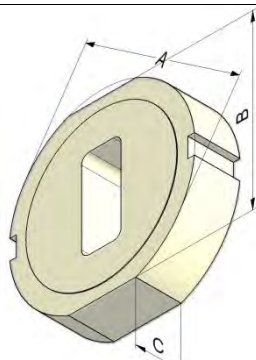
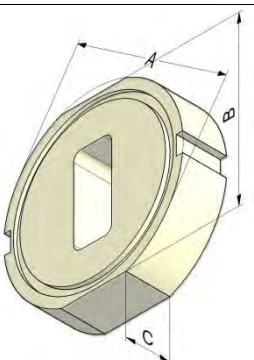
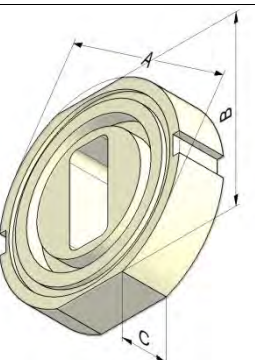
USA plain MIL-DTL-3922/52D M3922/52-022 (UG-1737/U)	International plain IEC 60154-2 154 IEC-UDR 100	USA plain EIA RS-271-A CPR 90 F	International plain IEC 60154-2 154 IEC-UER 100
			
A 40,39 (1.59)	A 40,5	A 40,48 (1.594)	A 32,2
B 53,09 (2.09)	B 53,2	B 53,18 (2.094)	B 44,9
E 14,68 (0.578)	E 14,86	E 14,68 (0.578)	E 11,56
F 7,95 (0.313)	F 7,94	F 7,94 (0.312)	F 5,72
G 7,92 (0.312)	G 7,94	G 7,94 (0.312)	G 5,97
H 21,03 (0.828)	H 21,03	H 21,03 (0.828)	H 17,91
Hole I Ø4,29 (Ø0.169)	Hole C Ø4	Hole I Ø4,29 (Ø0.169)	Hole I Ø 4
Hole J	Hole D	Hole J	Hole J
C 6,35 (0.25)	C 7,5	C	C 6,4
Material Al alloy	Material F40638	Material Cu, Al, Mg alloys	Material F40503

International plain IEC 60154-2 154 IEC-RDR 100	USA sealing groove MIL-DTL-3922/52D M3922/52-043 (UG-1360/U)	USA sealing groove MIL-DTL-3922/52D M3922/52-044 (UG-1361/U)	USA sealing groove EIA RS-271-A CPR 90 G
			
A 40,5	A 40,39 (1.59)	A 40,39 (1.59)	A 40,48 (1.594)
B 53,2	B 53,09 (2.09)	B 53,09 (2.09)	B 53,18 (2.094)
E 14,86	E 14,68 (0.578)	E 14,68 (0.578)	E 14,68 (0.578)
F 7,94	F 7,95 (0.313)	F 7,95 (0.313)	F 7,94 (0.312)
G 7,94	G 7,92 (0.312)	G 7,92 (0.312)	G 7,94 (0.312)
H 21,03	H 21,03 (0.828)	H 21,03 (0.828)	H 21,03 (0.828)
Hole I Ø4	Hole I Ø4,29 (Ø0.169)	Hole I Ø4,29 (Ø0.169)	Hole C Ø4,29 (Ø0.169)
Hole J	Hole J	Hole J	Hole D
C 7,5	C 6,35 (0.25)	C 6,35 (0.25)	C
Material	Material Cu alloy	Material Al alloy	Material Cu, Al, Mg alloys
			F40364

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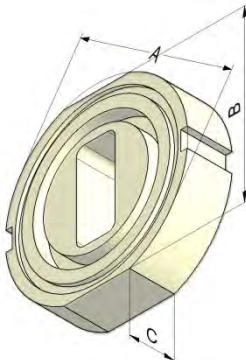
WR 90	R 100	WG 16
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International sealing groove IEC 60154-2 154 IEC-PDR 100				
				
A	40,5			
B	53,2			
E	14,86			
F	7,94			
G	7,94			
H	21,03			
Hole I	Ø4			
Hole J				
C	7,5			
Material				
F40479				

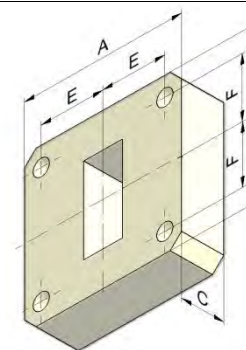
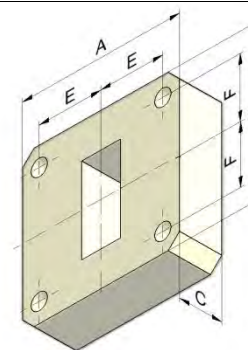
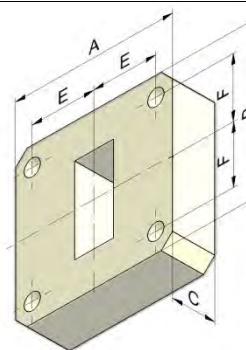
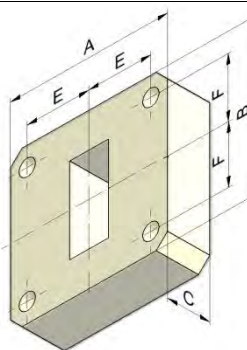
UK plain		UK plain		UK sealing groove		UK choke/sealing groove	
UCR 100		5985-99-083-0004		5985-99-083-0151		5985-99-083-0003	
							
A	47,55 (1.872)	A	47,55 (1.872)	A	47,55 (1.872)	A	47,55 (1.872)
B	44,34(1.747)	B	44,34(1.747)	B	44,34(1.747)	B	44,34(1.747)
E		E		E		E	
F		F		F		F	
G		G		G		G	
H		H		H		H	
Hole I		Hole I		Hole I		Hole C	
Hole J		Hole J		Hole J		Hole D	
C	11,43 (0.45)	C	11,43 (0.45)	C	11,43 (0.45)	C	11,43 (0.45)
Material	Cu alloy	Material	Cu alloy	Material	Al alloy	Material	Cu alloy

TD-00077

WR 90	R 100	WG 16
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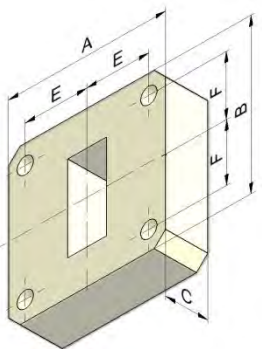
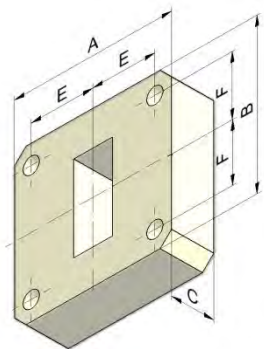
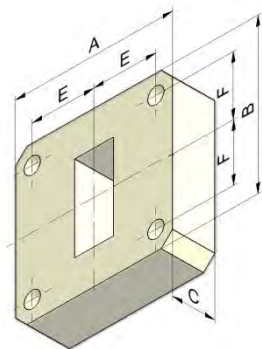
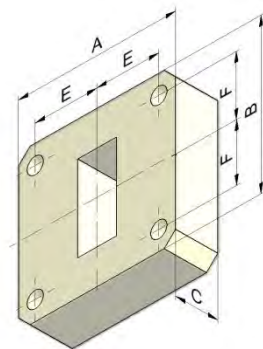
UK			
choke/sealing groove			
5985-99-083-0150			
			
A 47,55 (1.872)			
B 44,34 (1.747)			
E			
F			
G			
H			
Hole I			
Hole J			
C 11,43 (0.45)			
Material Al alloy			

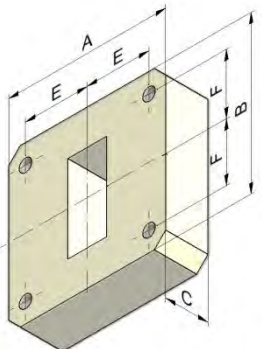
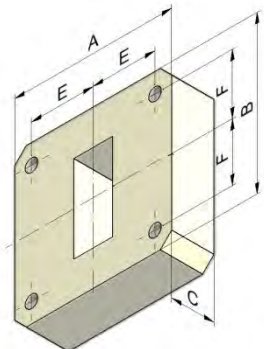
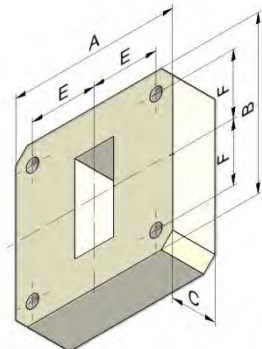
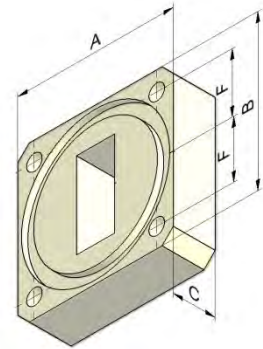
WR 75	R 120	WG 17	
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USA	USA	USA	USA
plain	plain	plain	plain
MIL-DTL-3922/53E	MIL-DTL-3922/53E	MIL-DTL-3922/53E	MIL-DTL-3922/53E
M3922/53-007	M3922/53-008	M3922/53-013	M3922/53-014
			
A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)
B 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 C Ø3,66 (Ø0.144)
Hole J	Hole J	Hole J	Hole D
C 9,93 (0.391)	C 9,93 (0.391)	C 9,93 (0.391)	C 9,93 (0.391)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

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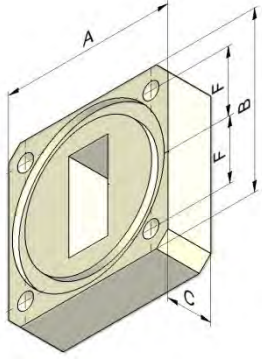
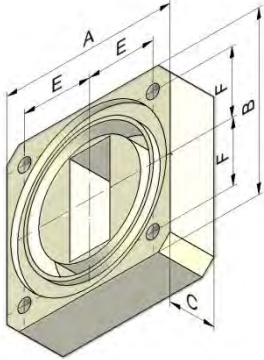
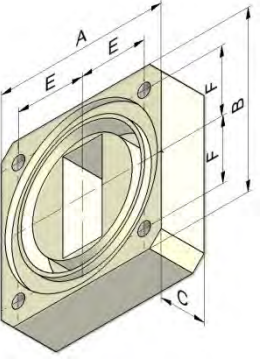
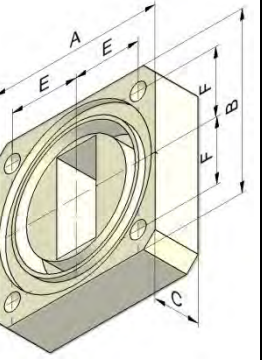
WR 75	R 120	WG 17
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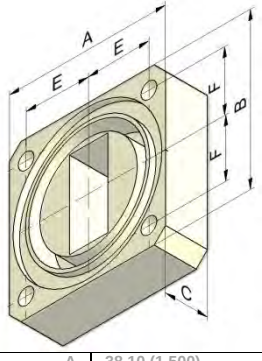
USA plain	USA plain	USA plain	International plain
MIL-DTL-3922/70C M3922/70-025	MIL-DTL-3922/70C M3922/70-026	MIL-DTL-3922/70C M3922/70-017	IEC 60154-2 154 IEC-UBR 120
			
A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)	A 38,1
B 38,10 (1.500)	B 38,10 (1.500)	B 38,10 (1.500)	B 38,1
E 14,25 (0.561)	E 14,25 (0.561)	E 14,25 (0.561)	E 14,25
F 13,21 (0.520)	F 13,21 (0.520)	F 13,21 (0.520)	F 13,21
G	G	G	G
H	H	H	H
Hole I Ø3,70 (Ø0.145)	Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)	Hole I Ø4
Hole J	Hole J	Hole J	Hole J
C 10,31 (0.406)	C 10,31 (0.406)	C 12,70 (0.500)	C 10,31
Material Cu alloy	Material Al alloy	Material Al alloy	Material
			F40500

USA plain	USA plain	USA plain	International sealing groove
MIL-DTL-3922/70C M3922/70-004	MIL-DTL-3922/70C M3922/70-005	MIL-DTL-3922/70C M3922/70-016	IEC 60154-2 154 IEC-PBR 120
			
A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)	A 38,1
B 38,10 (1.500)	B 38,10 (1.500)	B 38,10 (1.500)	B 38,1
E 14,25 (0.561)	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 (0.520)	F 13,21
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 Ø4
Hole J	Hole J	Hole J	Hole J
C 12,70 (0.500)	C 12,70 (0.500)	C 12,70 (0.500)	C 10,31
Material Cu alloy	Material Al alloy	Material Cu alloy	Material
			F40511

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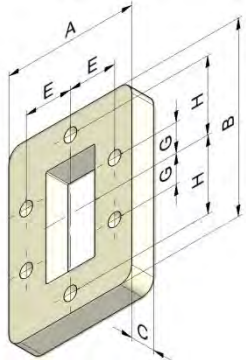
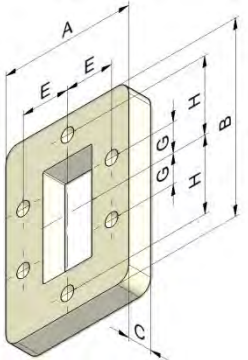
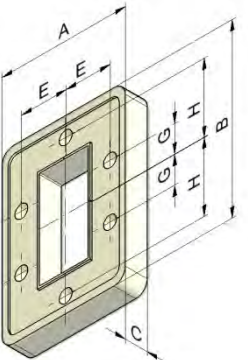
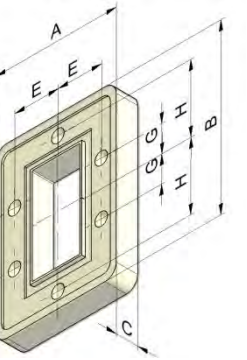
WR 75	R 120	WG 17
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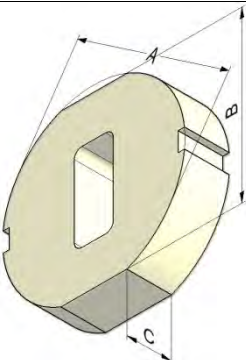
UK sealing groove	USA choke/sealing groove MIL-DTL-3922/59F	USA choke/sealing groove MIL-DTL-3922/59F	International choke/sealing groove IEC 60154-2
5985-99-014-1436	M3922/59-010	M3922/59-011	154 IEC-CBR 120
			
A 38,10 (1.500)	A 38,10 (1.500)	A 38,10 (1.500)	A 38,1
B 38,10 (1.500)	B 38,10 (1.500)	B 38,10 (1.500)	B 38,1
E 14,25 (0.561)	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 (0.520)	F 13,21
G	G	G	G
H	H	H	H
Hole I Ø3,66 (Ø0,144)	Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole I Ø4
Hole J	Hole J	Hole J	Hole J
C 10,31 (0.406)	C 11,7 (0.500)	C 11,7 (0.500)	C 10,31
Material	Material Cu alloy	Material Al alloy	Material

UK choke/sealing groove			
5985-99-014-1437			
			
A 38,10 (1.500)			
B 38,10 (1.500)			
E 14,25 (0.561)			
F 13,21 (0.520)			
G			
H			
Hole I Ø3,70 (Ø0.145)			
Hole J			
C 10,31 (0.416)			
Material			

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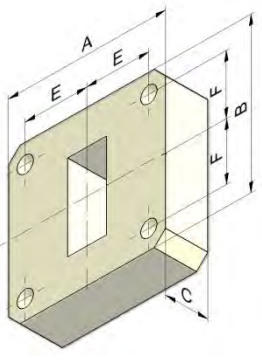
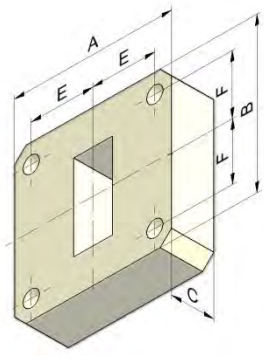
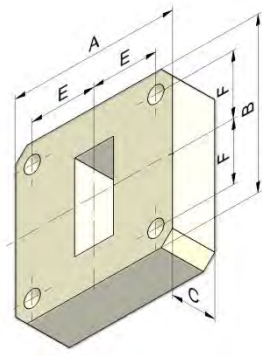
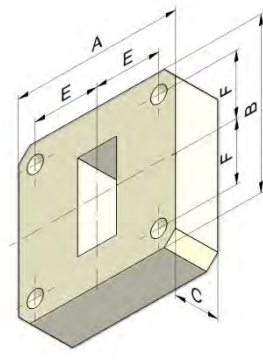
WR 75	R 120	WG 17
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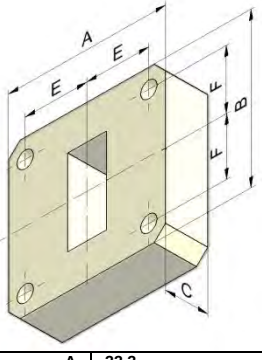
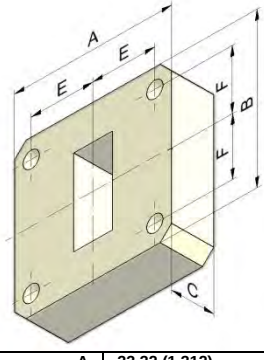
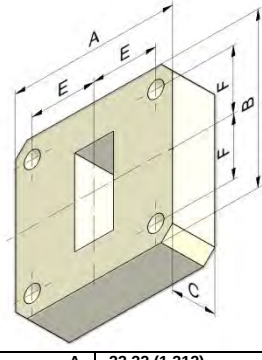
International plain IEC 60154-2 154 IEC-UDR 120	International plain IEC 60154-2 154 IEC-UER 120	International plain IEC 60154-2 154 IEC-RDR 120	International sealing groove IEC 60154-2 154 IEC-PDR 120
			
A 39,5	A 31	A 39,5	A 39,5
B 49	B 41	B 49	B 49
E 14,29	E 11	E 14,29	E 14,29
F	F	F	F
G 7,94	G 8	G 7,94	G 7,94
H 19,05	H 16	H 19,05	H 19,05
Hole C Ø4	Hole I Ø 3	Hole I Ø4	Hole I Ø4
Hole D	Hole J	Hole J	Hole J
C 7,5	C 4	C 7,5	C 7,5
Material	Material	Material	Material
F40341-1	F40741		F40341

UK plain UCR120			
			
A 47,55 (1.872)			
B 44,34 (1.747)			
E			
F			
G			
H			
Hole I			
Hole J			
C 11,43 (0.450)			
Material			

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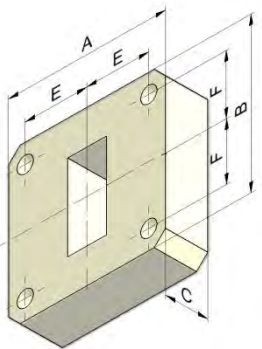
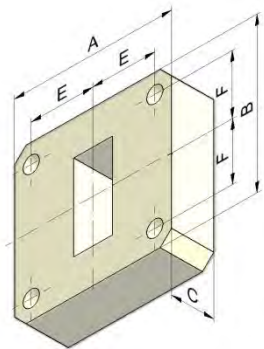
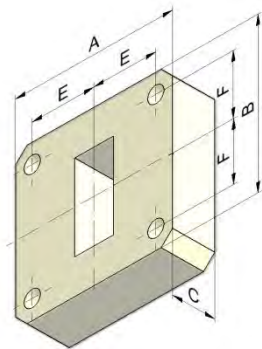
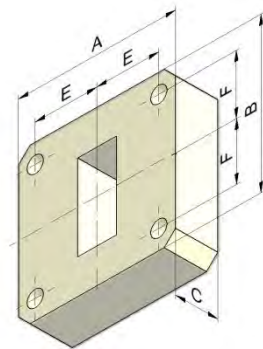
WR 62	R 140	WG 18
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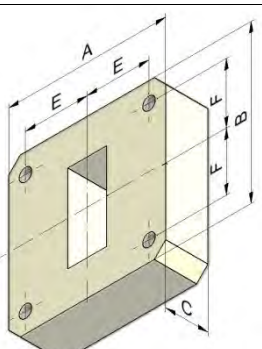
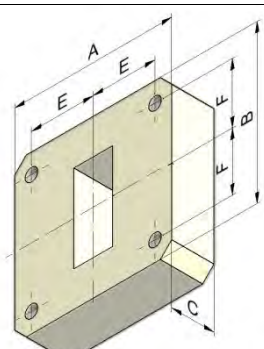
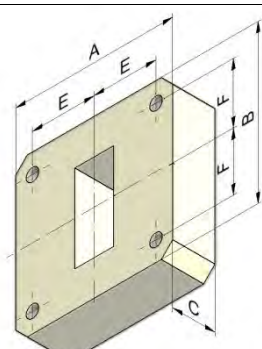
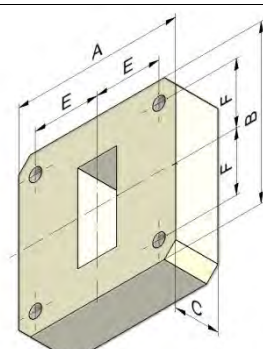
USA plain	USA plain	USA plain	USA plain
MIL-DTL-3922/53E	MIL-DTL-3922/53E	MIL-DTL-3922/53E	MIL-DTL-3922/53E
M3922/53-005 (UG-419/U)	M3922/53-006 (UG-1665/U)	M3922/53-011	M3922/53-012
			
A 33,35 (1.313)	A 33,35 (1.313)	A 33,35 (1.313)	A 33,35 (1.313)
B 33,35 (1.313)	B 33,35 (1.313)	B 33,35 (1.313)	B 33,35 (1.313)
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 Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)	Hole I Ø3,66 (Ø0.144)	Hole C Ø3,66 (Ø0.144)
Hole J	Hole J	Hole J	Hole D
C 7,95 (0.313)	C 7,95 (0.313)	C 7,95 (0.313)	C 7,95 (0.313)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

International	inactive for new design USA	inactive for new design USA	
plain	plain	plain	
IEC 60154-2	MIL-DTL-3922/54D	MIL-DTL-3922/54D	
154 IEC-UBR 140	M3922/54-015	M3922/54-016	
			
A 33,3	A 33,32 (1.312)	A 33,32 (1.312)	
B 33,3	B 33,32 (1.312)	B 33,32 (1.312)	
E 12,14	E 12,14 (0.478)	E 12,14 (0.478)	
F 12,625	F 12,62 (0.497)	F 12,62 (0.497)	
G	G	G	
H	H	H	
Hole I Ø4	Hole I Ø3,66 (Ø0.144)	Hole C Ø3,66 (Ø0.144)	
Hole J	Hole J	Hole D	
C 7,93	C 11,12 (0.438)	C 11,12 (0.438)	
Material	Material Cu alloy	Material Al alloy	
F40475			

TD-00077

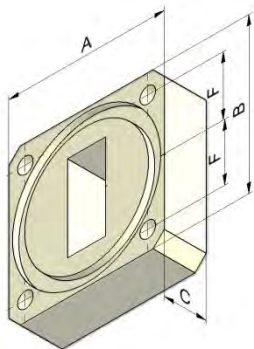
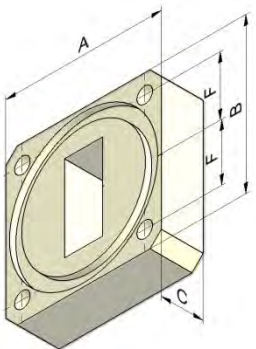
WR 62	R 140	WG 18
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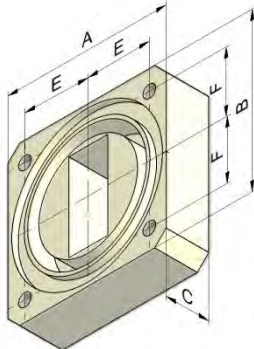
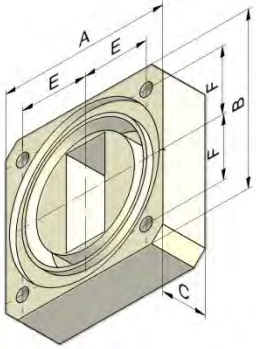
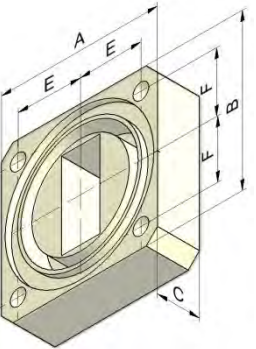
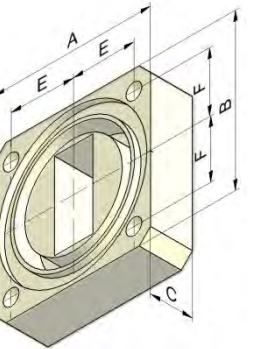
USA plain MIL-DTL-3922/70C M3922/70-019	USA plain MIL-DTL-3922/70C M3922/70-020	USA plain MIL-DTL-3922/70C M3922/70-007	USA plain MIL-DTL-3922/70C M3922/70-008
			
A 33,32 (1.312)	A 33,32 (1.312)	A 33,32 (1.312)	A 33,32 (1.312)
B 33,32 (1.312)	B 33,32 (1.312)	B 33,32 (1.312)	B 33,32 (1.312)
E 12,14 (0.478)	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 Ø3,66 (Ø0.144)	Hole C Ø3,66 (Ø0.144)	Hole C Ø3,66 (Ø0.144)	Hole C Ø3,66 (Ø0.144)
Hole J	Hole D	Hole D	Hole D
C 9,52 (0.375)	C 9,52 (0.375)	C 9,52 (0.375)	C 9,52 (0.375)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

inactive for new design USA plain MIL-DTL-3922/54D M3922/54-009	inactive for new design USA plain MIL-DTL-3922/54D M3922/54-010	USA plain MIL-DTL-3922/53E M3922/53-017	USA plain MIL-DTL-3922/53E M3922/53-018
			
A 33,32 (1.312)	A 33,32 (1.312)	A 33,35 (1.313)	A 33,35 (1.313)
B 33,32 (1.312)	B 33,32 (1.312)	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)	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 C 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B
Hole J	Hole D	Hole J	Hole J
C 11,12 (0.438)	C 11,12 (0.438)	C 7,95 (0.313)	C 7,95 (0.313)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

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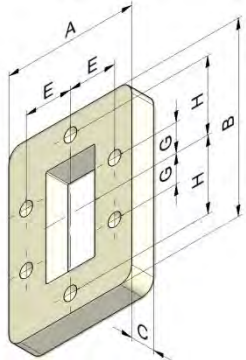
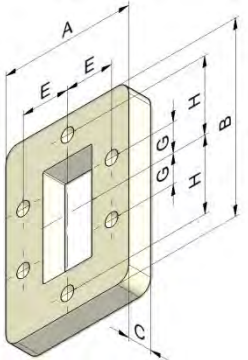
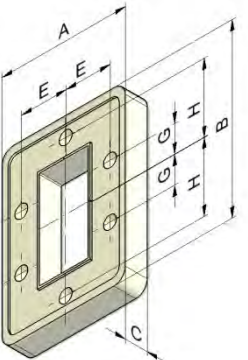
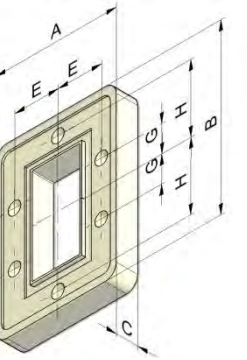
WR 62	R 140	WG 18
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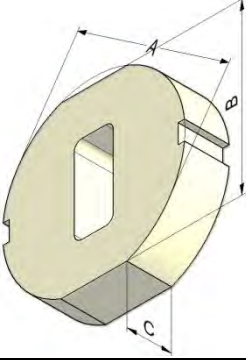
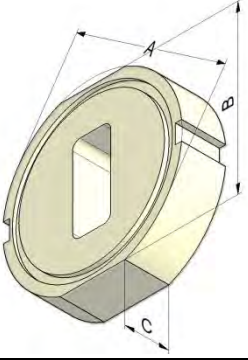
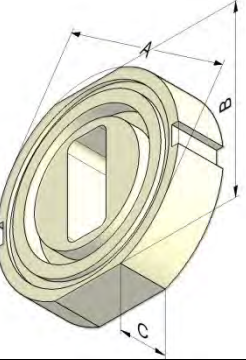
International	UK		
sealing groove	sealing groove		
IEC 60154-2			
154 IEC-PBR 140	5985-99-083-0030		
			
A 33,3	A 33,32 (1.312)		
B 33,3	B 33,32 (1.312)		
E 12,14	E 12,14 (0.478)		
F 12,625	F 12,62 (0.497)		
G	G		
H	H		
Hole I Ø4	Hole C Ø3,68 (Ø0.145)		
Hole J	Hole D		
C 7,93	C 7,93 (0.312)		
Material F40491	Material		

USA	USA	UK	International
choke/sealing groove	choke/sealing groove	choke/sealing groove	choke/sealing groove
MIL-DTL-3922/59F	MIL-DTL-3922/59F		IEC 60154-2
M3922/59-001 (UG-541A/U)	M3922/59-002 (UG-1666/U)	5985-99-083-029	154 IEC-CBR 140
			
A 33,32 (1.312)	A 33,32 (1.312)	A 33,32 (1.312)	A 33,3
B 33,32 (1.312)	B 33,32 (1.312)	B 33,32 (1.312)	B 33,3
E 12,14 (0.478)	E 12,14 (0.478)	E 12,14 (0.478)	E 12,14
F 12,62 (0.497)	F 12,62 (0.497)	F 12,62 (0.497)	F 12,625
G	G	G	G
H	H	H	H
Hole I 0.138-32 UNC-2B	Hole I 0.138-32 UNC-2B	Hole C Ø3,68 (Ø0.145)	Hole I Ø4
Hole J	Hole J	Hole D	Hole J
C 9,53 (0.375)	C 9,53 (0.375)	C 9,52 (0.375)	C 7,93
Material Cu alloy	Material Al alloy	Material	Material F41169

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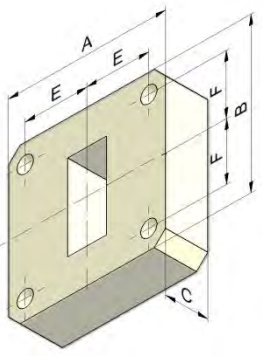
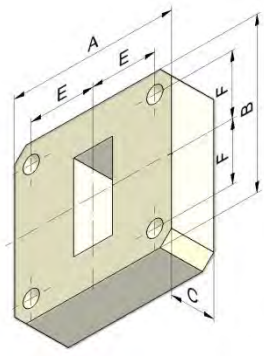
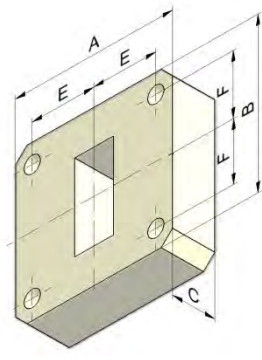
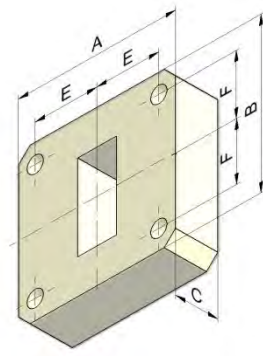
WR 62	R 140	WG 18
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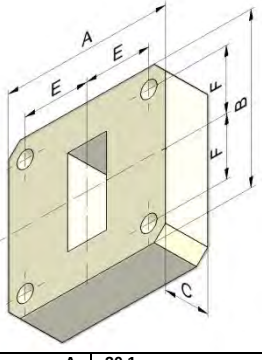
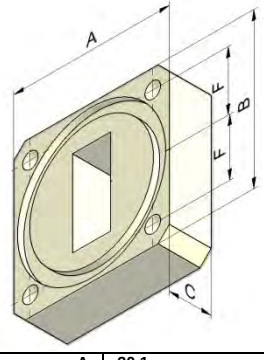
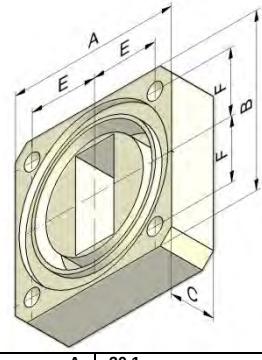
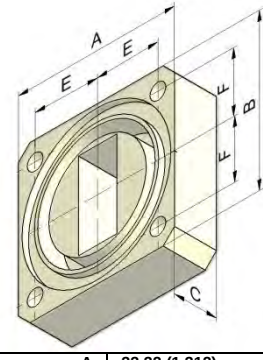
International plain IEC 60154-2 154 IEC-UDR 140	International plain IEC 60154-2 154 IEC-UER 140	International plain IEC 60154-2 154 IEC-RDR 140	International sealing groove IEC 60154-2 154 IEC-PDR 140
			
A 36,5	A 29	A 36,5	A 36,5
B 44,5	B 37	B 44,5	B 44,5
E 12,7	E 10	E 12,7	E 12,7
F 5,97	F 6	F 5,97	F 5,97
G 16,67	G 14	G 16,67	G 16,67
Hole I Ø4	Hole I Ø 3	Hole I Ø4	Hole I Ø4
Hole J	Hole J	Hole J	Hole J
C 7,5	C 4	C 7,5	C 7,5
Material F40712	Material	Material	Material F40483

UK plain UCR 140	UK sealing groove 5985-99-011-9662	UK choke/sealing groove 5985-99-011-9663	
			
A 33,32 (1.312)	A 33,32 (1.312)	A 33,32 (1.312)	
B 30,99 (1.220)	B 30,99 (1.220)	B 30,99 (1.220)	
E	E	E	
F	F	F	
G	G	G	
H	H	H	
Hole C	Hole C	Hole C	
Hole D	Hole D	Hole D	
C 11,10 (0.437)	C 11,10 (0.437)	C 11,10 (0.437)	
Material	Material	Material	

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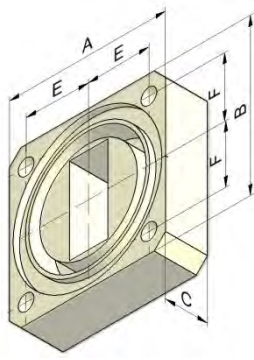
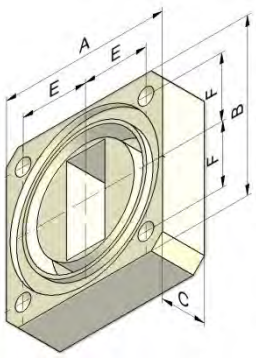
WR 51	R 180	WG 19
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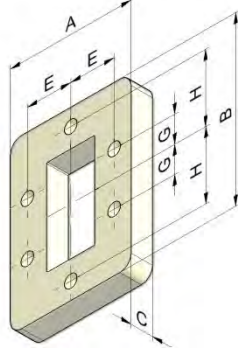
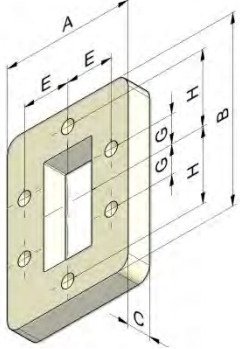
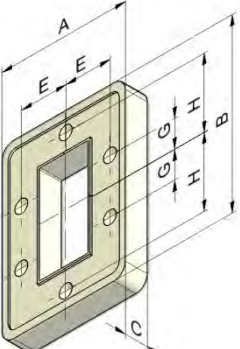
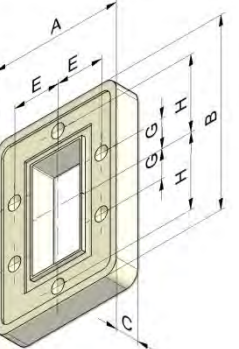
USA plain MIL-DTL-3922/70C M3922/70-010	USA plain MIL-DTL-3922/70C M3922/70-011	USA plain MIL-DTL-3922/70C M3922/70-022	USA plain MIL-DTL-3922/70C M3922/70-023
			
A 33,32 (1.312)	A 33,32 (1.312)	A 33,32 (1.312)	A 33,32 (1.312)
B 33,32 (1.312)	B 33,32 (1.312)	B 33,32 (1.312)	B 33,32 (1.312)
E 12,62 (0.497)	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 C Ø3,66 (Ø0.144)
Hole J	Hole J	Hole J	Hole D
C 9,52 (0.375)	C 9,52 (0.375)	C 9,52 (0.375)	C 9,52 (0.375)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

International plain IEC 60154-2 154 IEC-UBR 180	International sealing groove IEC 60154-2 154 IEC-PBR 180	International choke/sealing groove IEC 60154-2 154 IEC-CBR 180	canceled w/o replacement USA choke/sealing groove MIL-F-3922/69 M3922/69-004
			
A 30,1	A 30,1	A 30,1	A 33,32 (1.312)
B 30,1	B 30,1	B 30,1	B 33,32 (1.312)
E 11,25	E 11,25	E 11,25	E 12,62 (0.497)
F 10,285	F 10,285	F 10,285	F 12,14 (0.478)
G	G	G	G
H	H	H	H
Hole I Ø4	Hole I Ø4	Hole I Ø4	Hole I 0.138-32 UNC-2B
Hole J	Hole J	Hole J	Hole J
C 7,62	C 7,62	C 7,62	C 9,52 (0.375)
Material	Material	Material	Material Cu alloy
F40842	F41236		

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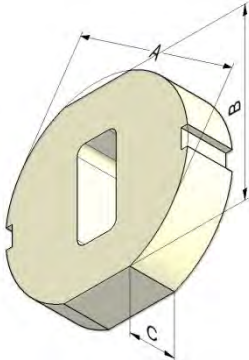
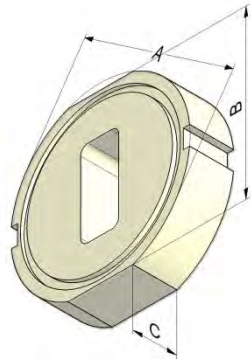
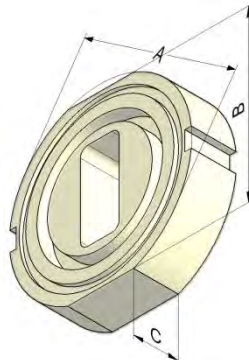
WR 51	R 180	WG 19
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canceled w/o replacement	canceled w/o replacement		
USA	USA		
choke/sealing groove	choke/sealing groove		
MIL-F-3922/69	MIL-F-3922/69		
M3922/69-005	M3922/69-006		
			
A 33,32 (1.312)	A 33,32 (1.312)		
B 33,32 (1.312)	B 33,32 (1.312)		
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 9,52 (0.375)	C 9,52 (0.375)		
Material Al alloy 6061	Material Al alloy 6063		

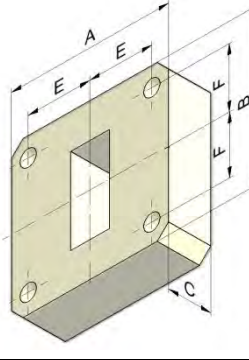
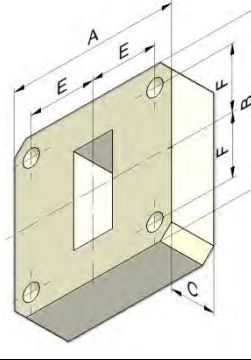
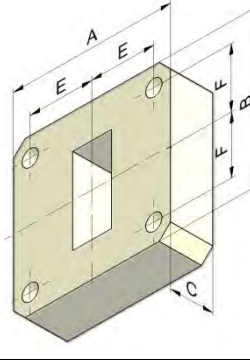
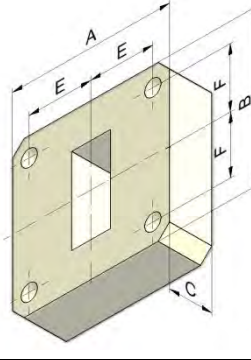
International	International	International	International
plain	plain	plain	sealing groove
IEC 60154-2	IEC 60154-2	IEC 60154-2	IEC 60154-2
154 IEC-UDR 180	154 IEC-UER 180	154 IEC-RDR 180	154 IEC-PDR 180
			
A 35,5	A 27,5	A 35,5	A 35,5
B 42	B 34	B 42	B 42
E 12,7	E 9,25	E 12,7	E 12,7
F	F	F	F
G 5,97	G 6	G 5,97	G 5,97
H 15,875	H 12,5	H 15,875	H 15,875
Hole I Ø4	Hole I Ø 3	Hole I Ø4	Hole I Ø4
Hole J	Hole J	Hole J	Hole J
C 7,5	C 4	C 7,5	C 7,5
Material	Material	Material	Material
F40785			F40820

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WR 51	R 180	WG 19
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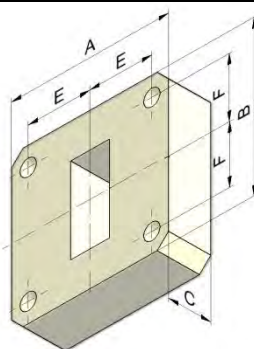
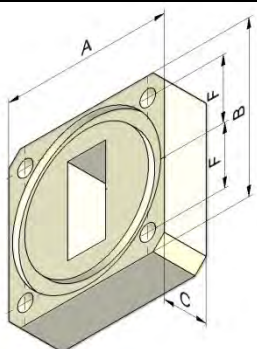
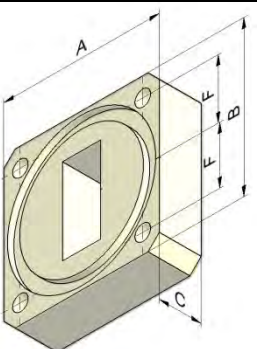
UK plain	UK sealing groove	UK choke/sealing groove	
UCR 180	5985-99-011-9664	5985-99-011-9665	
			
A 33,32 (1.312)	A 28,55 (1.124)	A 28,55 (1.124)	
B 30,98 (1.200)	B 25,40 (1.000)	B 25,40 (1.000)	
E	E	E	
F	F	F	
G	G	G	
H	H	H	
Hole I	Hole I	Hole I	
Hole J	Hole J	Hole J	
C 11,10 (0.437)	C 11,10 (0.437)	C 11,10 (0.437)	
Material	Material	Material	

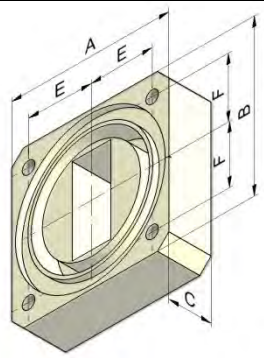
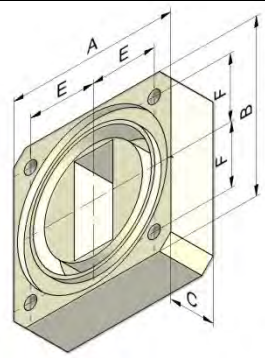
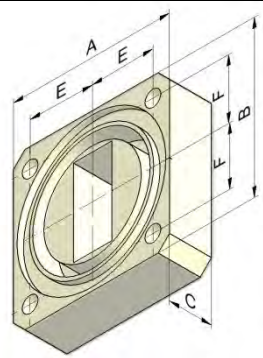
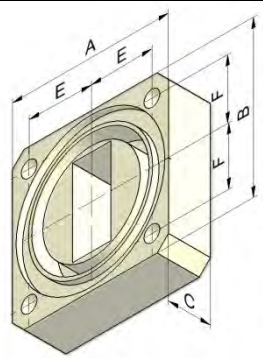
WR 42	R 220	WG 20	
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inactive for new design USA plain	inactive for new design USA plain	USA plain	USA plain
MIL-DTL-3922/54D M3922/54-001 (UG-595/U)	MIL-DTL-3922/54D M3922/54-002 (UG-597/U)	MIL-DTL-3922/70C M3922/70-027	MIL-DTL-3922/70C M3922/70-028
			
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 C Ø2,95 (Ø0.116)	Hole C Ø2,95 (Ø0.116)	Hole I Ø2,95 (Ø0.116)
Hole J	Hole D	Hole D	Hole J
C 4,78 (0.188)	C 4,78 (0.188)	C 7,24 (0.285)	C 7,24 (0.285)
Material Cu alloy	Material Al alloy	Material Cu alloy	Material Al alloy

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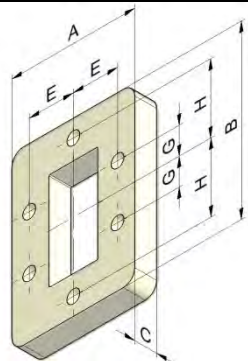
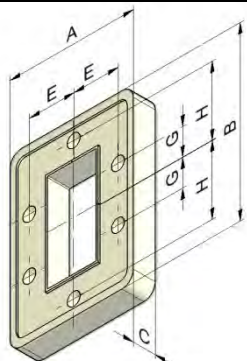
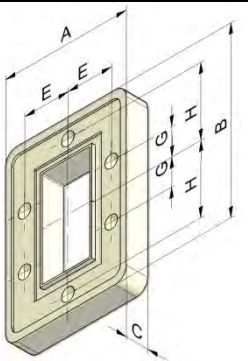
WR 42	R 220	WG 20
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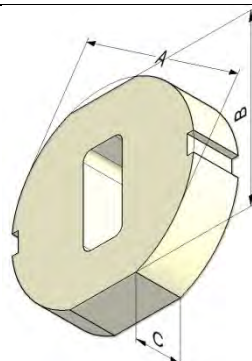
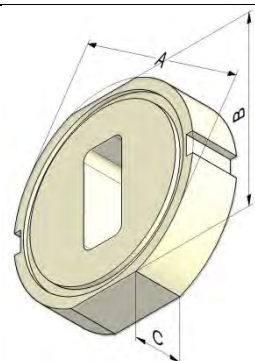
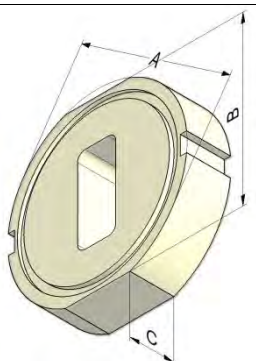
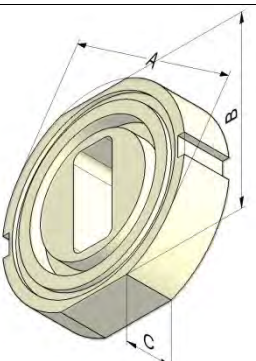
International plain IEC 60154-2 154 IEC-UBR 220		International sealing groove IEC 60154-2 154 IEC-PBR 220		UK sealing groove 5985-99-011-9658		
						
A	22,4	A	22,4	A	22,23 (0.875)	
B	22,4	B	22,4	B	22,23 (0.875)	
E	8,51	E	8,51	E	8,51 (0.335)	
F	8,13	F	8,13	F	8,13 (0.320)	
G		G		G		
H		H		H		
Hole I	Ø3	Hole I	Ø3	Hole C	Ø2,97 (Ø0.117)	
Hole J		Hole J		Hole D		
C	7,24	C	7,24	C	7,93 (0.312)	
Material		Material		Material		
F40487		F40492				

USA	USA	International	UK
choke/sealing groove	choke/sealing groove	choke/sealing groove	choke/sealing groove
MIL-DTL-3922/59F	MIL-DTL-3922/59F	IEC 60154-2	
M3922/59-003 (UG-596A/U)	M3922/59-004 (UG-598A/U)	154 IEC-CBR 220	5985-99-011-9659
			
A22,23 (0.875)	A22,23 (0.875)	A22,4	A22,23 (0.875)
B22,23 (0.875)	B22,23 (0.875)	B22,4	B22,23 (0.875)
E8,51 (0.335)	E8,51 (0.335)	E8,51	E8,51 (0.335)
F8,13 (0.320)	F8,13 (0.320)	F8,13	F8,13 (0.320)
G	G	G	G
H	H	H	H
Hole I0.112-40 UNC-2B	Hole I0.112-40 UNC-2B	Hole IØ3	Hole CØ2,97 (Ø0.117)
Hole J	Hole J	Hole J	Hole D
C7,24 (0.285)	C7,24 (0.285)	C7,24	C7,95 (0.313)
MaterialCu alloy	MaterialAl alloy	Material	Material
		F41241	

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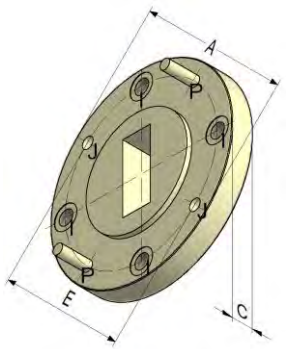
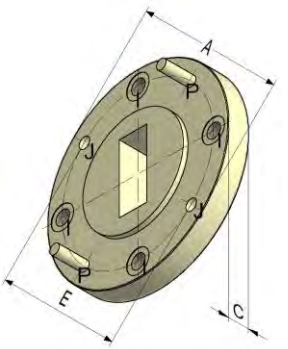
WR 42	R 220	WG 20
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International plain IEC 60154-2 154 IEC-UDR 220		International plain IEC 60154-2 154 IEC-RDR 220		International sealing groove IEC 60154-2 154 IEC-PDR 220		
						
A	32	A	32	A	32	
B	38	B	38	B	38	
E	10	E	10	E	10	
F		F		F		
G	5,1	G	5,1	G	5,1	
H	14	H	14	H	14	
Hole C	Ø3	Hole I	Ø3	Hole I	Ø3	
Hole D		Hole J		Hole J		
C	6,5	C	6,5	C	6,5	
Material		Material		Material		
F40131				F41156		

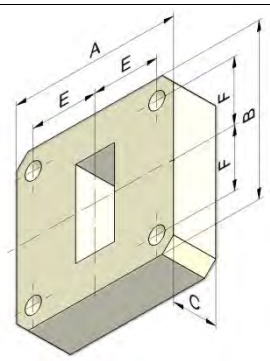
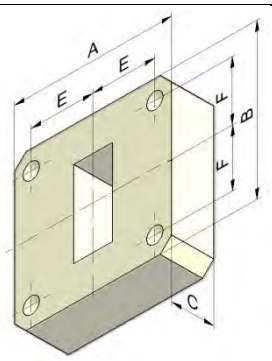
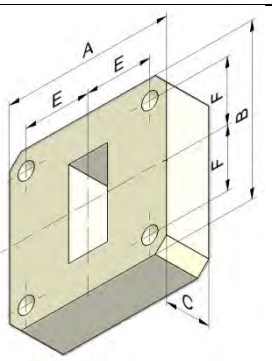
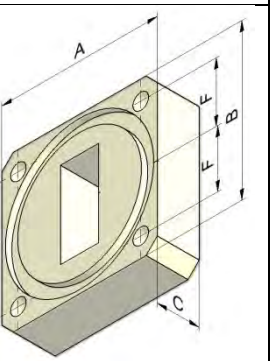
UK plain	UK sealing groove	International sealing groove IEC 60154-2	UK choke/sealing groove
UCR 220	5985-99-011-9666	154 IEC-PCR 220	5985-99-011-9667
			
A21,59 (0.850)	A21,59 (0.850)	A21,6	A21,59 (0.850)
B19,30 (0.760)	B19,30 (0.760)	B19,22	B19,30 (0.760)
E	E	E	E
F	F	F	F
G	G	G	G
H	H	H	H
Hole I	Hole I	Hole I	Hole I
Hole J	Hole J	Hole J	Hole J
C8,13 (0.320)	C8,13 (0.320)	C4,83	C8,13 (0.320)
Material	Material	Material	Material

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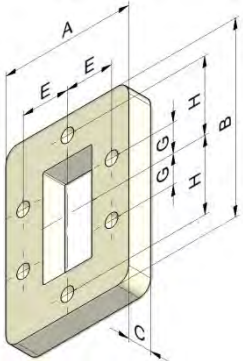
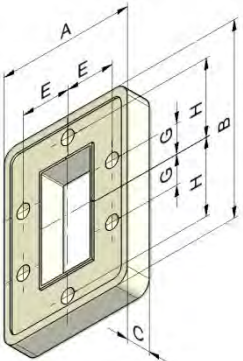
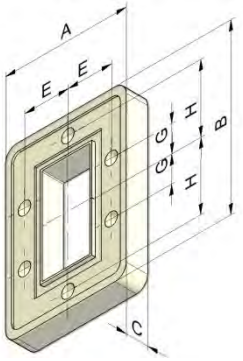
WR 42	R 220	WG 20
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USA	USA		
plain	plain		
MIL-DTL-3922/67E	MIL-DTL-3922/67E		
M3922/67-004 (UG-425/U)	M3922/67-011		
			
A 28,58 (1.125)	A 28,58 (1.125)		
B	B		
E 23,812 (0.9375)	E 23,812 (0.9375)		
F	F		
G	G		
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B		
Hole J Ø1,70 (Ø0.067)	Hole J Ø1,70 (Ø0.067)		
Pin P Ø1,562 (Ø0.0615)	Pin P Ø1,562 (Ø0.0615)		
C 6,35 (0.250)	C 6,35 (0.250)		
Material Cu alloy	Material Al alloy		

WR 34	R 260	WG 21
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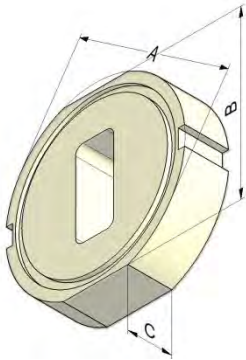
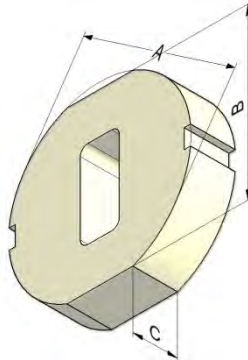
	inactive for new design	inactive for new design	
International	USA	USA	International
plain	plain	plain	sealing groove
IEC 60154-2	MIL-F-3922/63B	MIL-F-3922/63B	IEC 60154-2
154 IEC-UBR 260	M3922/63-009 (UG-1530/U)	M3922/63-010	154 IEC-PBR 260
			
A 22,1	A 22,23 (0.875)	A 22,23 (0.875)	A 22,1
B 22,1	B 22,23 (0.875)	B 22,23 (0.875)	B 22,1
E 7,9	E 8,51 (0.335)	E 8,51 (0.335)	E 7,9
F 7,5	F 8,13 (0.320)	F 8,13 (0.320)	F 7,5
G	G	G	G
H	H	H	H
Hole I Ø3	Hole I Ø2,95 (Ø0.116)	Hole I Ø2,95 (Ø0.116)	Hole I Ø3
Hole J	Hole J	Hole J	Hole J
C 6	C 4,75 (0.187)	C 4,75 (0.187)	C 6
Material	Material Cu alloy	Material Al alloy	Material
F41233			F41616

WR 34 R 260 WG 21

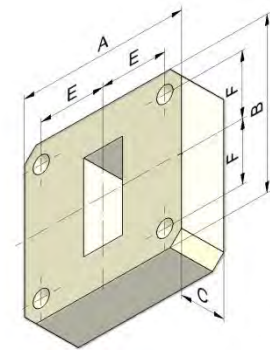
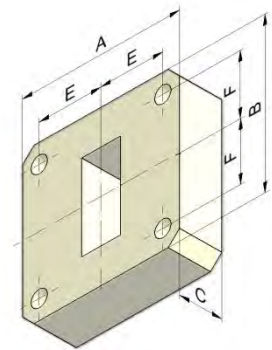
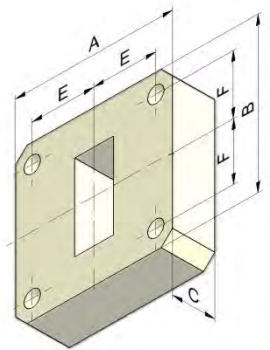
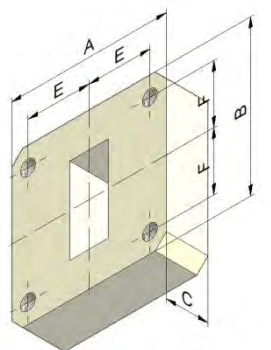
International plain		International plain		International sealing groove		
IEC 60154-2		IEC 60154-2		IEC 60154-2		
154 IEC-UDR 260		154 IEC-RDR 260		154 IEC-PDR 260		
						
A	32	A	32	A	32	
B	36	B	36	B	36	
E	10	E	10	E	10	
F		F		F		
G	5,1	G	5,1	G	5,1	
H	13	H	13	H	13	
Hole I	Ø3	Hole I	Ø3	Hole I	Ø3	
Hole J		Hole J		Hole J		
C	6,5	C	6,5	C	6,5	
Material		Material		Material		

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WR 34	R 260	WG 21
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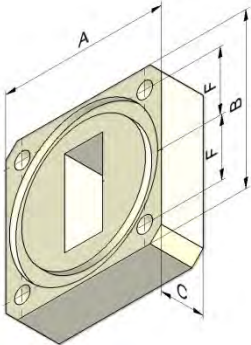
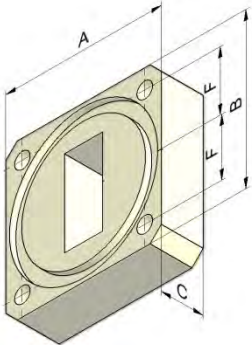
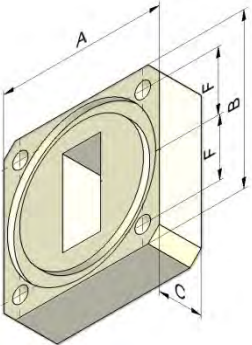
International sealing groove IEC 60154-2 154 IEC-PCR 260	UK plain UCR 260		
			
A 21,6	A 21,59 (0,850)		
B 19,22	B 19,30 (0,760)		
E	E		
F	F		
G	G		
H	H		
Hole I	Hole I		
Hole J	Hole J		
C 4,83	C 8,13 (0,320)		
Material	Material		

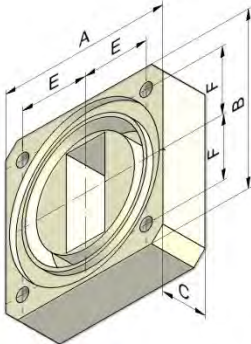
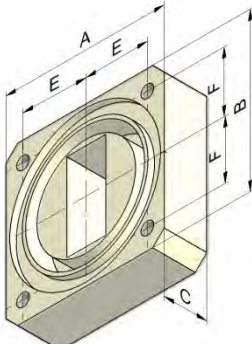
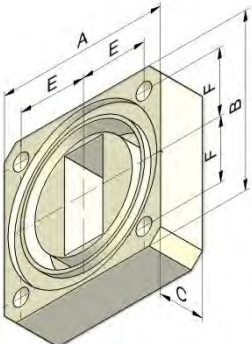
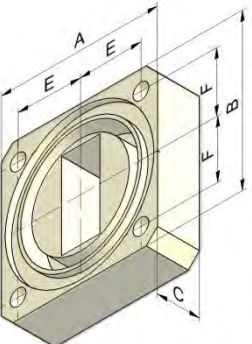
WR 28	R 320	WG 22	
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inactive for new design USA plain MIL-DTL-3922/54D M3922/54-003 (UG-599/U)	International plain IEC 60154-2 154 IEC-UBR 320	USA plain MIL-DTL-3922/68A M3922/68-001	USA plain MIL-DTL-3922/68A M3922/68-002
			
A 19,05 (0.750)	A 19,1	A 19,05 (0.750)	A 19,05 (0.750)
B 19,05 (0.750)	B 19,1	B 19,05 (0.750)	B 19,05 (0.750)
E 6,73 (0.265)	E 6,73	E 6,73 (0.265)	E 6,73 (0.265)
F 6,35 (0.250)	F 6,35	F 6,35 (0.250)	F 6,35 (0.250)
G	G	G	G
H	H	H	H
Hole I Ø2,95 (Ø0.116)	Hole I Ø3	Hole I Ø2,95 (Ø0.116)	Hole I 0.112-40 UNC-2B
Hole J	Hole J	Hole J	Hole J
C 4,75 (0.187)	C 6	C 6,35 (0.250)	C 6,35 (0.250)
Material Cu alloy	Material	Material Cu alloy	Material Cu alloy
	F40488		

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WR 28	R 320	WG 22
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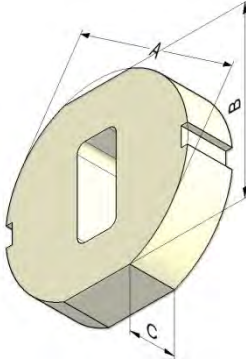
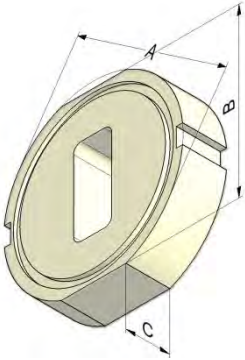
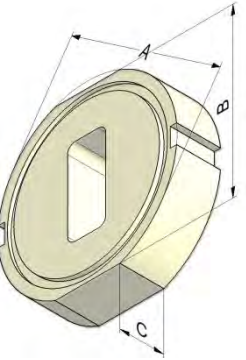
USA		International		UK	
sealing groove		sealing groove		sealing groove	
MIL-DTL-3922/68A		IEC 60154-2			
M3922/68-003		154 IEC-PBR 320		5985-99-012-4834	
					
A	19,05 (0.750)	A	19,1	A	19,81 (0.780)
B	19,05 (0.750)	B	19,1	B	19,81 (0.780)
E	6,73 (0.265)	E	6,73	E	6,73 (0.265)
F	6,35 (0.250)	F	6,35	F	6,35 (0.250)
G		G		G	
H		H		H	
Hole I	0.112-40 UNC-2B	Hole I	Ø3	Hole I	Ø2,98 (Ø0.117)
Hole J		Hole J		Hole J	
C	6,35 (0.250)	C	6	C	4,06 (0.160)
Material	Cu alloy	Material		Material	
		F40493			

USA		USA		International		UK	
choke/sealing groove		choke/sealing groove		choke/sealing groove		choke/sealing groove	
MIL-DTL-3922/59F		MIL-DTL-3922/59F		IEC 60154-2			
M3922/59-012		M3922/59-005 (UG-600A/U)		154 IEC-CBR 320		5985-99-012-4835	
							
A	19,05 (0.75)	A	19,05 (0.75)	A	19,1	A	19,81 (0.780)
B	19,05 (0.75)	B	19,05 (0.75)	B	19,1	B	19,81 (0.780)
E	6,73 (0.265)	E	6,73 (0.265)	E	6,73	E	6,73 (0.265)
F	6,35 (0.25)	F	6,35 (0.25)	F	6,35	F	6,35 (0.250)
G		G		G		G	
H		H		H		H	
Hole I	0.112-40 UNC-2B	Hole I	0.112-40 UNC-2B	Hole I	Ø3	Hole C	Ø2,98 (Ø0.117)
Hole J		Hole J		Hole J		Hole D	
C	6,35 (0.25)	C	5,33 (0.21)	C	6	C	7,98 (0.312)
Material	Cu alloy	Material	Cu alloy	Material		Material	
				F41243			

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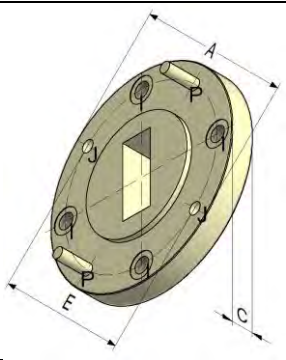
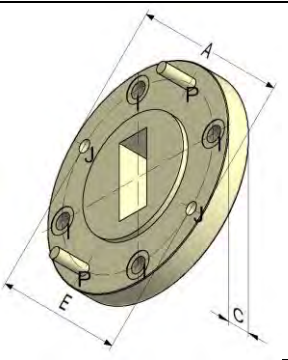
WR 28	R 320	WG 22
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International plain IEC 60154-2 154 IEC-UDR 320	International plain IEC 60154-2 154 IEC-RDR 320	International sealing groove IEC 60154-2 154 IEC-PDR 320																																																													
<table><tr><td>A</td><td>31</td></tr><tr><td>B</td><td>34</td></tr><tr><td>E</td><td>9,7</td></tr><tr><td>F</td><td></td></tr><tr><td>G</td><td>5,1</td></tr><tr><td>H</td><td>12,2</td></tr><tr><td>Hole I</td><td>Ø3</td></tr><tr><td>Hole J</td><td></td></tr><tr><td>C</td><td>6,5</td></tr><tr><td>Material</td><td></td></tr></table>	A	31	B	34	E	9,7	F		G	5,1	H	12,2	Hole I	Ø3	Hole J		C	6,5	Material		<table><tr><td>A</td><td>31</td></tr><tr><td>B</td><td>34</td></tr><tr><td>E</td><td>9,7</td></tr><tr><td>F</td><td></td></tr><tr><td>G</td><td>5,1</td></tr><tr><td>H</td><td>12,2</td></tr><tr><td>Hole I</td><td>Ø3</td></tr><tr><td>Hole J</td><td></td></tr><tr><td>C</td><td>6,5</td></tr><tr><td>Material</td><td></td></tr></table>	A	31	B	34	E	9,7	F		G	5,1	H	12,2	Hole I	Ø3	Hole J		C	6,5	Material		<table><tr><td>A</td><td>31</td></tr><tr><td>B</td><td>34</td></tr><tr><td>E</td><td>9,7</td></tr><tr><td>F</td><td></td></tr><tr><td>G</td><td>5,1</td></tr><tr><td>H</td><td>12,2</td></tr><tr><td>Hole I</td><td>Ø3</td></tr><tr><td>Hole J</td><td></td></tr><tr><td>C</td><td>6,5</td></tr><tr><td>Material</td><td></td></tr></table>	A	31	B	34	E	9,7	F		G	5,1	H	12,2	Hole I	Ø3	Hole J		C	6,5	Material		
A	31																																																														
B	34																																																														
E	9,7																																																														
F																																																															
G	5,1																																																														
H	12,2																																																														
Hole I	Ø3																																																														
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Hole I	Ø3																																																														
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E	9,7																																																														
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G	5,1																																																														
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Hole J																																																															
C	6,5																																																														
Material																																																															

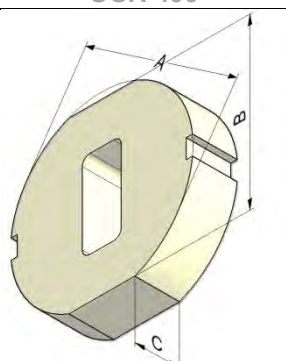
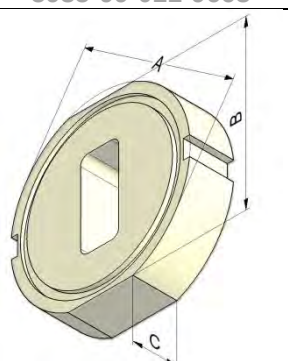
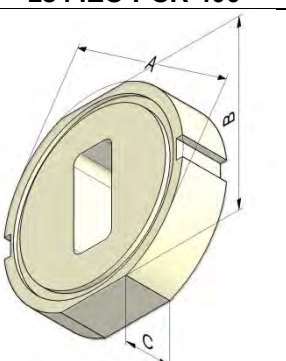
UK plain	UK sealing groove	International sealing groove	
		IEC 60154-2	
UCR 320	5985-99-083-0018	154 IEC-PCR 320	
			
A18,62 (0.733)	A18,63 (0.733)	A18,62	
B16,16 (0.636)	B16,15 (0.636)	B16,16	
E	E	E	
F	F	F	
G	G	G	
H	H	H	
Hole I	Hole I	Hole I	
Hole J	Hole J	Hole J	
C7,11 (0.280)	C7,11 (0.280)	C4,88	
Material	Material	Material	

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WR 28	R 320	WG 22
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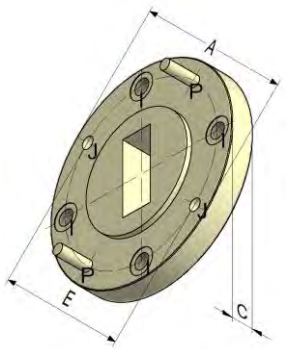
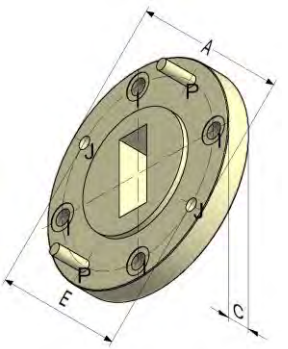
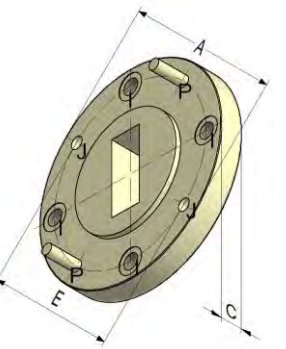
USA	USA		
plain	plain		
MIL-DTL-3922/67E	MIL-DTL-3922/67E		
M3922/67-005 (UG-381/U)	M3922/67-012		
			
A 28,58 (1.125)	A 28,58 (1.125)		
B	B		
E 23,812 (0.9375)	E 23,812 (0.9375)		
F	F		
G	G		
Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B		
Hole J Ø1,70 (Ø0.067)	Hole J Ø1,70 (Ø0.067)		
Pin P Ø1,562 (Ø0.0615)	Pin P Ø1,562 (Ø0.0615)		
C 6,35 (0.250)	C 6,35 (0.250)		
Material Cu alloy	Material Al alloy		

WR 22	R 400	WG 23
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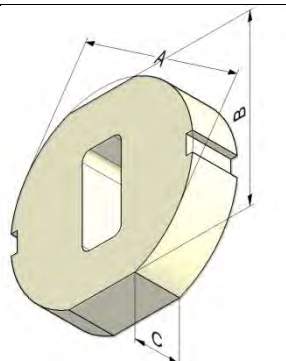
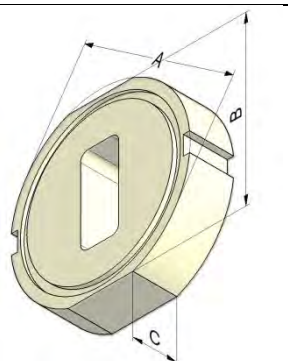
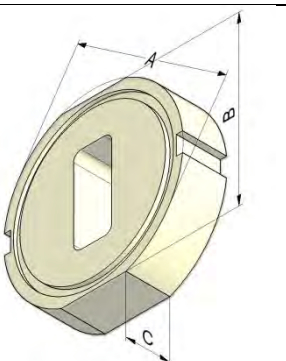
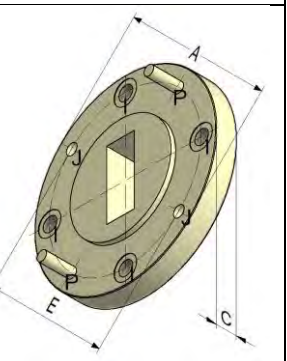
UK	UK	International	
plain	sealing groove	sealing groove	
		IEC 60154-2	
UCR 400	5985-99-011-9668	154 IEC-PCR 400	
			
A 18,62 (0.733)	A 18,62 (0.733)	A 18,62	
B 16,15 (0.636)	B 16,15 (0.636)	B 16,16	
E	E	E	
F	F	F	
G	G	G	
H	H	H	
Hole I	Hole I	Hole I	
Hole J	Hole J	Hole J	
C 7,11 (0.280)	C 7,11 (0.280)	C 4,88	
Material	Material	Material	

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WR 22	R 400	WG 23
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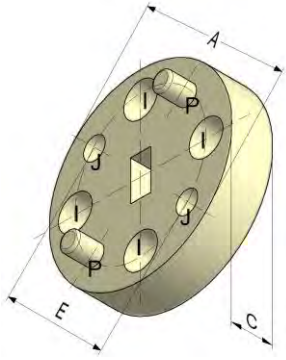
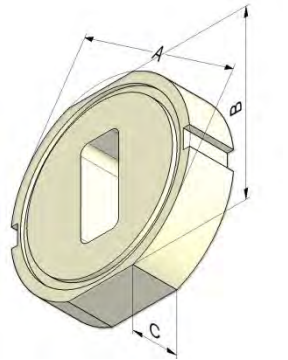
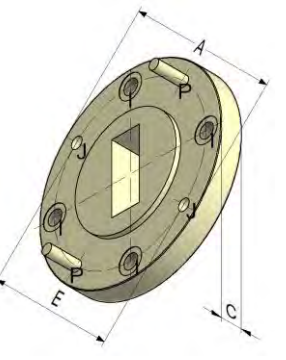
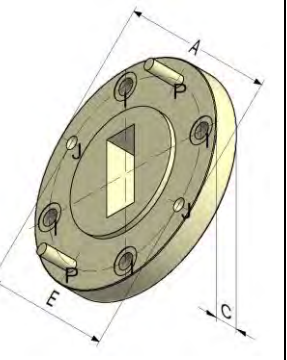
superseded by M3922/67-006			
USA		USA	USA
plain		plain	plain
MIL-DTL-3922/67E		MIL-DTL-3922/67E	MIL-DTL-3922/67E
M3922/67-001 (UG-383/U)		M3922/67-006	M3922/67-013
			
A	28.58 (1.125)	A	28.58 (1.125)
B		B	
E	23.812 (0.9375)	E	23.812 (0.9375)
F		F	
G		G	
Hole I	0.112-40 UNC-2B	Hole I	0.112-40 UNC-2B
Hole J	Ø1.70 (Ø0.067)	Hole J	Ø1.70 (Ø0.067)
Pin P	Ø1.562 (Ø0.0615)	Pin P	Ø1.562 (Ø0.0615)
C	6.35 (0.250)	C	6.35 (0.250)
Material	Cu alloy	Material	Al alloy

WR 28	R 500	WG 24
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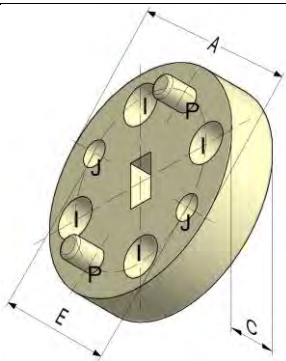
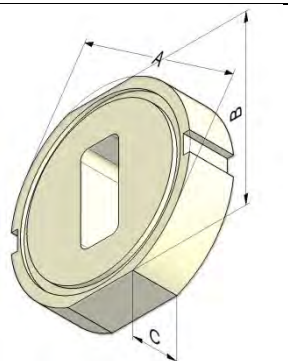
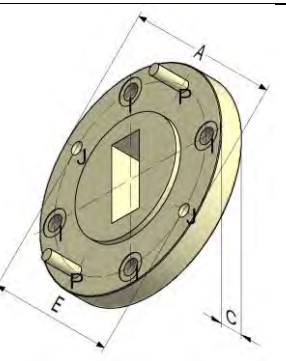
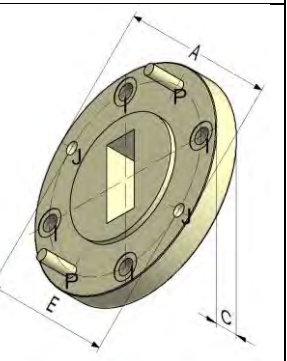
UK	UK	International	USA
plain	sealing groove	sealing groove	plain
		IEC 60154-2	MIL-DTL-3922/67E
UCR 500	5985-99-083-0026	154 IEC-PCR 500	M3922/67-007
			
A	14.99 (0.590)	A	14.99
B	12.44 (0.490)	B	12.44
E		E	
F		F	
G		G	
H		H	
Hole I		Hole I	0.112-40 UNC-2B
Hole J		Hole J	Ø1.70 (Ø0.067)
C	5.33 (0.210)	C	3.63
Material		Material	Cu alloy

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WR 15	R 620	WG 25
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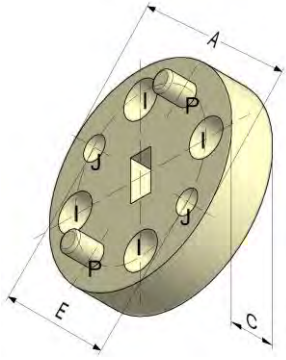
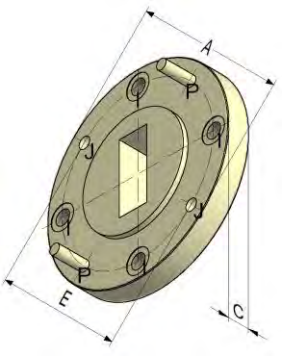
canceled w/o replacement		superseded by M3922/67-008	
USA	UK	USA	USA
plain	sealing groove	plain	plain
MIL-F-3922/66B		MIL-DTL-3922/67E	MIL-DTL-3922/67E
M3922/66-002 (UG-1523/U)	5985-99-083-1613	M3922/67-002 (UG-385/U)	M3922/67-008
			
A 14,27 (0.562)	A 14,99 (0.590)	A 19,05 (0.750)	A 19,05 (0.750)
B	B 12,45 (0.490)	B	B
E 10,211 (0.402)	E	E 14,288 (0.5625)	E 14,288 (0.5625)
F	F	F	F
G	G	G	G
Hole I Ø2,64 (Ø0.104)	H	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,687 (Ø0.0664)	Hole I	Hole J Ø1,70 (Ø0.067)	Hole J Ø1,70 (Ø0.067)
Pin P Ø1,664 (Ø0.0655)	Hole J	Pin P Ø1,562 (Ø0.0615)	Pin P Ø1,562 (Ø0.0615)
C 3,18 (0.125)	C 5,33 (0.210)	C 6,35 (0.250)	C 6,35 (0.250)
Material Cu alloy	Material	Material Cu alloy	Material Cu alloy
		F40476	

WR 12	R 740	WG 26
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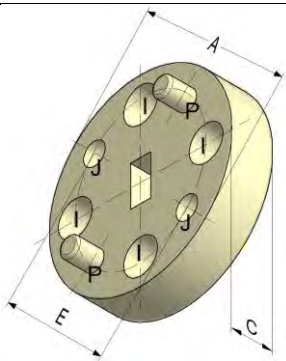
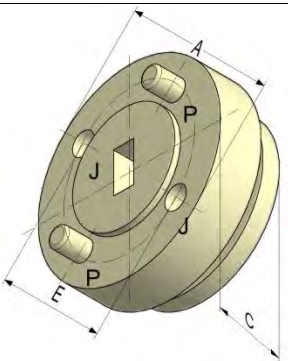
canceled w/o replacement			
USA	UK	USA	USA
plain	sealing groove	plain	plain
MIL-F-3922/66B		MIL-DTL-3922/67E	MIL-DTL-3922/67E
M3922/66-001 (UG-1522/U)	5985-99-083-0061	M3922/67-003 (UG-387/U)	M3922/67-009
			
A 14,27 (0.562)	A 14,99 (0.590)	A 19,05 (0.750)	A 19,05 (0.750)
B	B 12,45 (0.490)	B	B
E 10,211 (0.402)	E	E 14,288 (0.5625)	E 14,288 (0.5625)
F	F	F	F
G	G	G	G
Hole I Ø2,64 (Ø0.104)	H	Hole I 0.112-40 UNC-2B	Hole I 0.112-40 UNC-2B
Hole J Ø1,687 (Ø0.0664)	Hole I	Hole J Ø1,70 (Ø0.067)	Hole J Ø1,70 (Ø0.067)
Pin P Ø1,664 (Ø0.0655)	Hole J	Pin P Ø1,562 (Ø0.0615)	Pin P Ø1,562 (Ø0.0615)
C 3,18 (0.125)	C 5,33 (0.210)	C 6,35 (0.250)	C 6,35 (0.250)
Material Cu alloy	Material	Material Cu alloy	Material Cu alloy

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WR 10	R 900	WG 27
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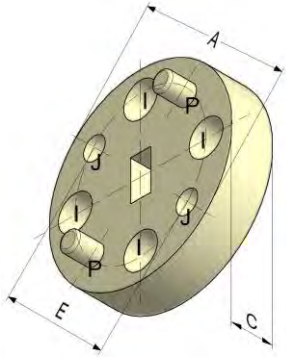
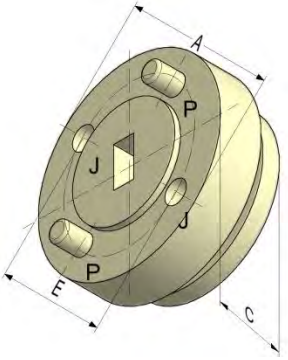
canceled w/o replacement			
USA	USA		
plain	plain		
MIL-F-3922/66B	MIL-DTL-3922/67E		
M3922/66-007 (UG-1528/U)	M3922/67-010		
			
A 14,27 (0.562)	A 19,05 (0.750)		
B	B		
E 10,211 (0.402)	E 14,288 (0.5625)		
F	F		
G	G		
Hole I Ø2,64 (Ø0.104)	Hole I 0.112-40 UNC-2B		
Hole J Ø1,687 (Ø0.0664)	Hole J Ø1,70 (Ø0.067)		
Pin P Ø1,664 (Ø0.0655)	Pin P Ø1,562 (Ø0.0615)		
C 3,18 (0.125)	C 6,35 (0.250)		
Material Cu alloy	Material Cu alloy		
	F41713, F41714		

WR 8	R 1200	WG 28
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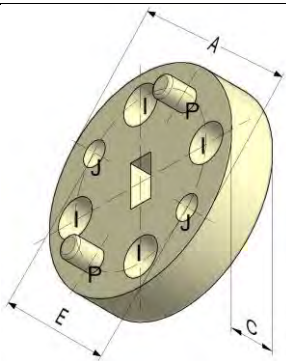
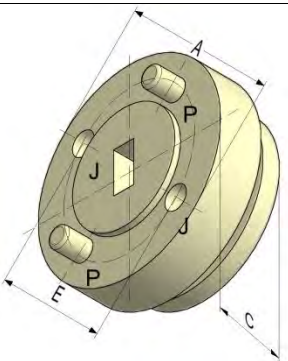
canceled w/o replacement	canceled w/o replacement		
USA	USA		
plain	plain		
MIL-F-3922/66B	MIL-F-3922/74		
M3922/66-006 (UG-1527/U)	M3922/74-001		
			
A 14,27 (0.562)	A 9,47 (0.373)		
B	B		
E 10,211 (0.402)	E 7,11 (0.280)		
F	F		
G	G		
Hole I Ø2,64 (Ø0.104)	Hole I		
Hole J Ø1,687 (Ø0.0664)	Hole J Ø1,232 (Ø0.0485)		
Pin P Ø1,664 (Ø0.0655)	Pin P Ø1,156 (Ø0.0455)		
C 3,18 (0.125)	C 11,05 (0.435)		
Material Cu alloy	Material Cu alloy		

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WR 7	R 1400	WG 29
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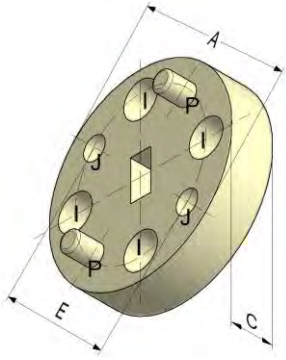
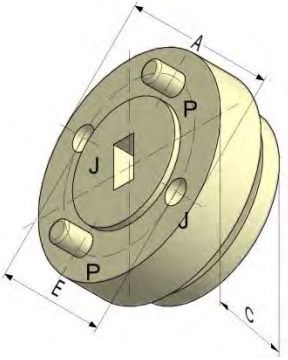
canceled w/o replacement	canceled w/o replacement		
USA	USA		
plain	plain		
MIL-F-3922/66B	MIL-F-3922/74		
M3922/66-004 (UG-1525/U)	M3922/74-002		
			
A	14,27 (0.562)	A	9,47 (0.373)
B		B	
E	10,211 (0.402)	E	7,11 (0.280)
F		F	
G		G	
Hole I	Ø2,64 (Ø0.104)	Hole I	
Hole J	Ø1,687 (Ø0.0664)	Hole J	Ø1,232 (Ø0.0485)
Pin P	Ø1,664 (Ø0.0655)	Pin P	Ø1,156 (Ø0.0455)
C	3,18 (0.125)	C	11,05 (0.435)
Material	Cu alloy	Material	Cu alloy

WR 5	R 1800	WG 30
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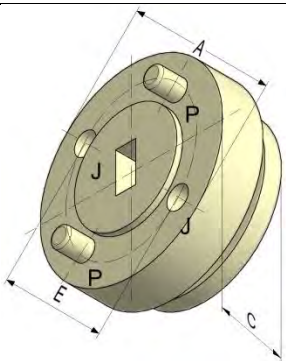
canceled w/o replacement	canceled w/o replacement		
USA	USA		
plain	plain		
MIL-F-3922/66B	MIL-F-3922/74		
M3922/66-003 (UG-1524/U)	M3922/74-003		
			
A	14,27 (0.562)	A	9,47 (0.373)
B		B	
E	10,211 (0.402)	E	7,11 (0.280)
F		F	
G		G	
Hole I	Ø2,64 (Ø0.104)	Hole I	
Hole J	Ø1,687 (Ø0.0664)	Hole J	Ø1,232 (Ø0.0485)
Pin P	Ø1,664 (Ø0.0655)	Pin P	Ø1,156 (Ø0.0455)
C	3,18 (0.125)	C	11,05 (0.435)
Material	Cu alloy	Material	Cu alloy

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WR 4	R 2200	WG 31
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canceled w/o replacement USA plain MIL-F-3922/66B M3922/66-005 (UG-1526/U)	canceled w/o replacement USA plain MIL-F-3922/74 M3922/74-004		
			
A 14,27 (0.562)	A 9,47 (0.373)		
B	B		
E 10,211 (0.402)	E 7,11 (0.280)		
F	F		
G	G		
Hole I Ø2,64 (Ø0.104)	Hole I		
Hole J Ø1,687 (Ø0.0664)	Hole J Ø1,232 (Ø0.0485)		
Pin P Ø1,664 (Ø0.0655)	Pin P Ø1,156 (Ø0.0455)		
C 3,18 (0.125)	C 11,05 (0.435)		
Material Cu alloy	Material Cu alloy		

WR 3	R 2600	WG 32
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canceled w/o replacement USA plain MIL-F-3922/74 M3922/74-005			
			
A 9,47 (0.373)			
B			
E 7,11 (0.280)			
F			
G			
Hole I			
Hole J Ø1,232 (Ø0.0485)			
Pin P Ø1,156 (Ø0.0455)			
C 11,05 (0.435)			
Material Cu alloy			