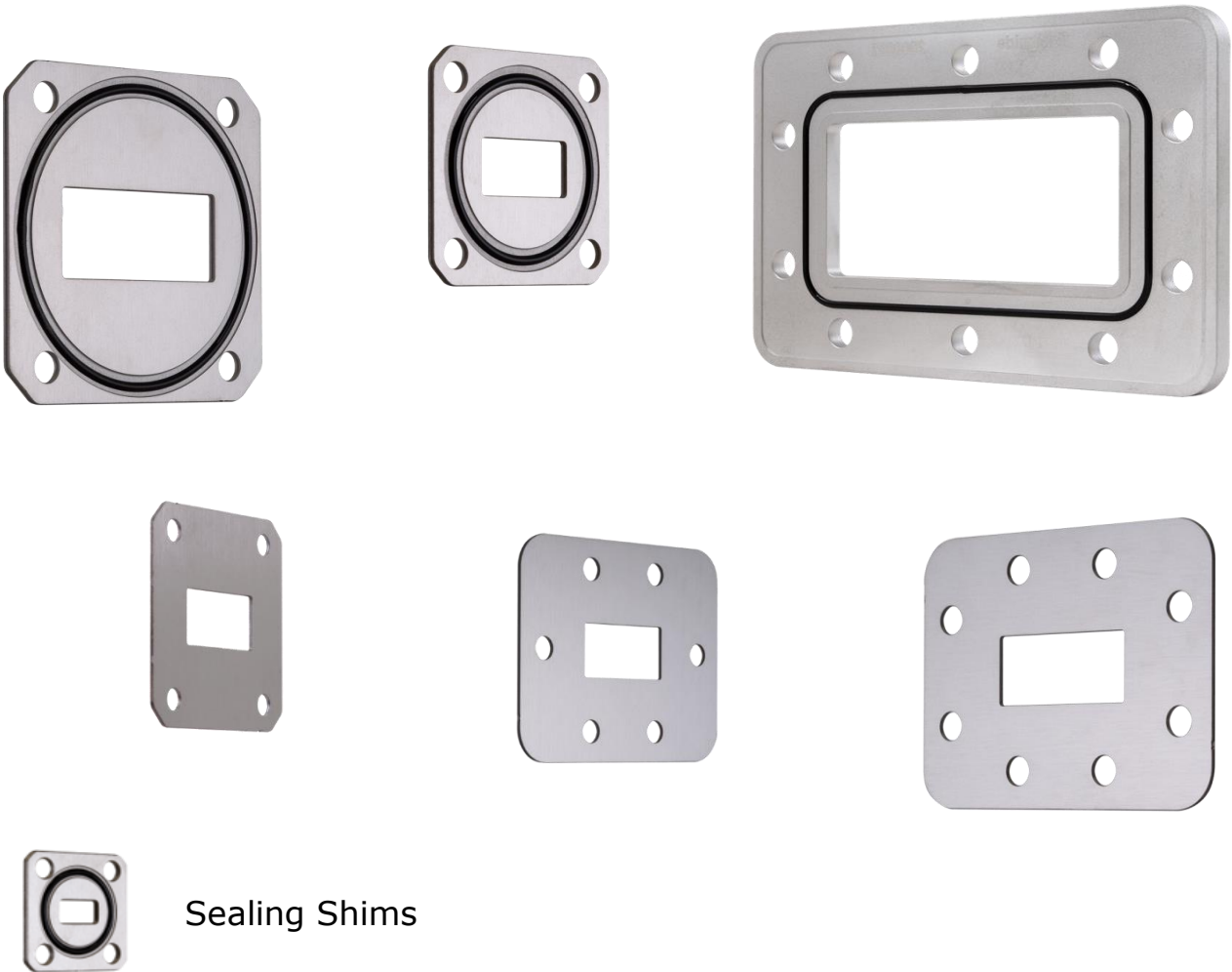


flexiguide

Overview - Plain Shims & Sealing Shims



Sealing Shims

Sealing Shims - metal waveguide shims with integrated rubber gaskets on both sides. Used for connecting two flat flange faces together in a waveguide transmission line to create a pressure tight/waterproof joint.

Part Number	Waveguide Designation			Frequency Range GHz	Flange Type	Equivalent to Flange	Material	Thickness
	WG	WR	R					
SS10C/H-A	10	284	32	2.60 - 3.95	10C (CPR 284G)	10H (PDR 32)	Aluminium	4.0 mm
SS14C/H	14	137	70	5.85 - 8.20	14C (CPR 137G)	14H (PDR 70)	Stainless St.	1.0 mm
SS15C/H	15	112	84	7.05 - 10.0	15C (CPR 112G)	15H (PDR 84)	Stainless St.	1.0 mm
SS15K/Y	15	112	84	7.05 - 10.0	15K (PBR 84)	15Y (UG 51/U + Groove)	Stainless St.	1.0 mm
SS16C/H	16	90	100	8.20 - 12.4	16C (CPR 90G)	16H (PDR 100)	Stainless St.	1.0 mm
SS16K/Y	16	90	100	8.20 - 12.4	16K (PBR 100)	16Y (UG 39/U + Groove)	Stainless St.	1.0 mm
SS17H	17	75	120	10.0 - 15.0	17H (PDR 120)		Stainless St.	1.0 mm
SS17K	17	75	120	10.0 - 15.0	17K (PBR 120)		Stainless St.	1.0 mm



Sealing Shims (continued)

Part Number	Waveguide Designation			Frequency Range GHz	Flange Type	Equivalent to Flange	Material	Thickness
	WG	WR	R					
SS17Y	17	75	120	10.0 - 15.0	17Y (U Cover + Groove)		Stainless St.	1.0 mm
SS18H	18	62	140	12.4 - 18.0	18H (PDR 140)		Stainless St.	1.0 mm
SS18K	18	62	140	12.4 - 18.0	18K (PBR 140)		Stainless St.	1.0 mm
SS18Y	18	62	140	12.4 - 18.0	18Y (UG 419/U + Groove)		Stainless St.	1.0 mm
SS20K/Y	20	42	220	17.7 - 26.5	20K (PBR 220)	20Y (UG 595/U + Groove)	Stainless St.	1.0 mm
SS21K	21	34	260	22.0 - 33.0	21K (PBR 260)		Stainless St.	1.0 mm
SS21Y	21	34	260	22.0 - 33.0	21Y (UG 1530/U + Groove)		Stainless St.	1.0 mm
SS22K/Y	22	28	320	26.5 - 40.0	22K (PBR 320)	22Y (UG 599/U + Groove)	Stainless St.	1.0 mm



Plain Shims

Waveguide Shims - with flat flange faces for use in waveguide transmission lines. Ideal for use sandwiched between two grooved flanges.

Part Number	Waveguide Designation			Frequency Range GHz	Flange Type	Equivalent to Flange	Material	Thickness
	WG	WR	R					
WS11D/L	11	229	40	3.30 - 4.90	11D (CPR 229F)	11L (UDR 40)	Stainless St.	0.6 mm
WS12D/L	12	187	48	3.95 - 5.85	12D (CPR 187F)	12L (UDR 48)	Stainless St.	0.6 mm
WS13D/L	13	159	58	4.90 - 7.05	13D (CPR 159F)	13L (UDR 58)	Stainless St.	0.6 mm
WS14D/L	14	137	70	5.85 - 8.20	14D (CPR 137F)	14L (UDR 70)	Stainless St.	0.6 mm
WS15B/M	15	112	84	7.05 - 10.0	15B (UG 51/U)	15M (UBR 84)	Stainless St.	0.6 mm
WS15D/L	15	112	84	7.05 - 10.0	15D (CPR 112F)	15L (UDR 84)	Stainless St.	0.6 mm
WS16B/M	16	90	100	8.20 - 12.4	16B (UG 39/U)	16M (UBR 100)	Stainless St.	0.6 mm
WS16D/L	16	90	100	8.20 - 12.4	16D (CPR 90F)	16L (UDR 100)	Stainless St.	0.6 mm
WS17B	17	75	120	10.0 - 15.0	17B (UG Cover)		Stainless St.	0.6 mm
WS17L	17	75	120	10.0 - 15.0	17L (UDR 120)		Stainless St.	0.6 mm
WS17M	17	75	120	10.0 - 15.0	17M (UBR 120)		Stainless St.	0.6 mm



Plain Shims (continued)

Part Number	Waveguide Designation			Frequency Range GHz	Flange Type	Equivalent to Flange	Material	Thickness
	WG	WR	R					
WS18B	18	62	140	12.4 - 18.0	18B (UG 419/U)		Stainless St.	0.6 mm
WS18L	18	62	140	12.4 - 18.0	18L (UDR 140)		Stainless St.	0.6 mm
WS18M	18	62	140	12.4 - 18.0	18M (UBR 140)		Stainless St.	0.6 mm
WS20B/M	20	42	220	17.7 - 26.5	20B (UG 595/U)	20M (UBR 220)	Stainless St.	0.6 mm
WS21B	21	34	260	22.0 - 33.0	21B (UG 1530/U)		Stainless St.	0.6 mm
WS21M	21	34	260	22.0 - 33.0	21M (UBR 260)		Stainless St.	0.6 mm
WS22B/M	22	28	320	26.5 - 40.0	22B (UG 599/U)	22M (UBR 320)	Stainless St.	0.6 mm