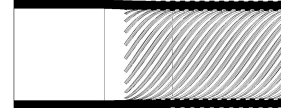




WAVE TUBE DATA SHEET

WAVE O.D. / MICROFIN I.D.



5501 Air Park Blvd.
Morristown, TN 37813
www.neotiss.com

Materials:
300 Series Austenitic Stainless; 400 Series Ferritic Stainless; Titanium

PART NUMBER	PLAIN END		FIN SECTION OD							FIN SECTION ID				
	OD	Wall	Fin OD	Root Diameter	Root Wall	Root Wall	Outside Area	Waves Per Inch	Wave Height	No. of Ribs	Inside Area	Area Ratio	Nom. I.D.	I.D. Cross Section Area
	(in) (mm)	(in) (mm) AVG	(in) (mm)	(in) (mm) Nom.	(in) (mm) AVG	(in) (mm) MIN	(ft ² /ft) (m ² /m)		(in) (mm)		(ft ² /ft) (m ² /m)		(in) (mm)	(in ²) (cm ²)
W4021-17	.625 15.875	.035 0.889	.608 15.443	.595 15.113	.021 .533	.019 .483	.183 .056	18.5	.007 .165	17	.168 .051	1.089	.553 14.046	.240 1.550
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm				Ref. Dim.	
W5022-21	.750 19.050	.035 .889	.738 18.745	.725 18.415	.022 .559	.020 .508	.223 .068	18.5	.007 .165	21	.209 .064	1.067	.681 17.297	.364 2.350
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm	+0/-1			Ref. Dim.	
W5025-21	.750 19.050	.035 MIN .889 MIN	.738 18.745	.725 18.415	.025 .635	.022 .559	.223 .068	18.5	.007 .165	21	.207 .063	1.077	.675 17.145	.358 2.309
Tolerance	+/- .006" +/- .152mm	+20%/-0	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm	+0/-1			Ref. Dim.	
W5028-21	.750 19.050	.042 1.067	.738 18.745	.725 18.415	.028 .711	.025 .635	.223 .068	18.5	.007 .165	21	.205 .062	1.088	.669 16.993	.352 2.268
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm	+0/-1			Ref. Dim.	
*W5049-21	.750 19.050	.065 1.651	.738 18.745	.725 18.415	.049 1.245	.044 1.118	.223 .068	18.5	.007 .165	21	.193 .059	1.155	.627 15.926	.309 1.992
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm	+0/-1			Ref. Dim.	
W7035-29	1.000 25.400	.049 1.245	.987 25.070	.974 24.740	.035 .889	.031 .787	.299 .091	18.5	.007 .165	29	.291	1.027	.904 22.962	.642 4.141
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm				Ref. Dim.	
W7042-29	1.000 25.400	.058 1.473	.987 25.070	.974 24.740	.042 1.067	.038 .965	.299 .091	18.5	.007 .165	29	.287 .087	1.043	.890 22.606	.622 4.014
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm				Ref. Dim.	
W7049-29	1.000 25.400	.065 1.651	.987 25.070	.974 24.740	.049 1.245	.044 1.118	.299 .091	18.5	.007 .165	29	.282 .086	1.060	.876 22.250	.603 3.888
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm				Ref. Dim.	
*W7056-29	1.000 25.400	.065 MIN 1.651 MIN	.987 25.070	.974 24.740	.056 1.422	.049 1.245	.299 .091	18.5	.007 .165	29	.278 .085	1.076	.862 21.895	.584 3.765
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm				Ref. Dim.	

Note: Other materials may be available upon request

Rev. 3-21-2022

*Product under development - Contact Sales for details.