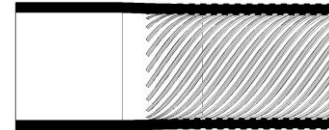




WAVE TUBE DATA SHEET

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
		AVG		Nom.	AVG	MIN	Ao		AVG		Ai	Ao/Ai	I.D.	
	(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	(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	.610 15.494	.597 15.164	.021 .533	.019 .483	.184 .056	18.5	.007 .165	17	.172 .052	1.070	.555 14.097	.242 1.561
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm				Ref. Dim.	
W5022-21	.750 19.050	.035 .889	.745 18.923	.732 18.593	.022 .559	.020 .508	.225 .069	18.5	.007 .165	21	.212 .065	1.061	.688 17.475	.372 2.398
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm	+0/-1			Ref. Dim.	
W5025-21	.750 19.050	.035 MIN .889 MIN	.745 18.923	.732 18.593	.025 .635	.022 .559	.225 .069	18.5	.007 .165	21	.211 .064	1.066	.682 17.323	.365 2.357
Tolerance	+/- .006" +/- .152mm	+20%/-0	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm	+0/-1			Ref. Dim.	
W5028-21	.750 19.050	.042 1.067	.745 18.923	.732 18.593	.028 .711	.025 .635	.225 .069	18.5	.007 .165	21	.209 .064	1.077	.676 17.170	.359 2.316
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm	+0/-1			Ref. Dim.	
W7035-29	1.000 25.400	.049 1.245	.995 25.273	.982 24.943	.035 .889	.031 .787	.301 .092	18.5	.007 .165	29	.293	1.027	.912 23.165	.653 4.215
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm				Ref. Dim.	
W7042-29	1.000 25.400	.058 1.473	.995 25.273	.982 24.943	.042 1.067	.038 .965	.301 .092	18.5	.007 .165	29	.289 .088	1.042	.898 22.809	.633 4.086
Tolerance	+/- .006" +/- .152mm	+/- 10%	+/- .010" +/- .254mm	Ref. Dim.				+/-2	+/- .002" +/- .051mm				Ref. Dim.	

Note: Other materials may be available upon request

Revised Apr. 29, 2020