



# HPT LOW FIN TUBE DATA SHEET

TYPE 1: 30 fins per inch / .032 inch fin height  
.011 inches (.279mm) avg. fin thickness



5501 Air Park Blvd.  
Morristown, TN 37813  
[www.neotiss.com](http://www.neotiss.com)

Materials:  
Titanium; Zirconium; 300 Series Austenitic Stainless; Nickel Alloys, AL6XN

PART NUMBER	PLAIN END		FIN SECTION OD						FIN SECTION ID			
	OD	Wall	Root Diameter	Root Wall	Root Wall	Outside Area	Fins Per Inch	Fin Height	Inside Area	Area Ratio	Nom. ID	I.D. Cross Section Area
	(in) (mm)	AVG (in) (mm)	(in) (mm)	AVG (in) (mm)	MIN (in) (mm)	(ft <sup>2</sup> /ft) (m <sup>2</sup> /m)		(in) (mm)	(ft <sup>2</sup> /ft) (m <sup>2</sup> /m)		(in) (mm)	(in <sup>2</sup> ) (cm <sup>2</sup> )
<b>304028</b>	.625 15.875	.049 1.245	.561 14.249	.028 .711	.025 .635	.411 .125	30	.032 .813	.132 .040	3.109	.505 12.827	.200 1.292
<b>304035</b>	.625 15.875	.058 1.473	.561 14.249	.035 .889	.031 .787	.411 .125	30	.032 .813	.129 .039	3.197	.491 12.471	.189 1.222
<b>304042</b>	.625 15.875	.065 1.651	.561 14.249	.042 1.067	.037 .940	.411 .125	30	.032 .813	.125 .038	3.291	.477 12.116	.179 1.153
<b>304049</b>	.625 15.875	.072 1.829	.561 14.249	.049 1.245	.044 1.118	.411 .125	30	.032 .813	.121 .037	3.391	.463 11.760	.168 1.086
<b>304065</b>	.625 15.875	.083 2.108	.561 14.249	.065 1.651	.058 1.473	.411 .125	30	.032 .813	.113 .034	3.642	.431 10.947	.146 0.941
<b>305028</b>	.750 19.050	.049 1.245	.686 17.424	.028 .711	.025 .635	.500 .152	30	.032 .813	.165 .050	3.032	.630 16.002	.312 2.011
<b>305035</b>	.750 19.050	.058 1.473	.686 17.424	.035 .889	.031 .787	.500 .152	30	.032 .813	.161 .049	3.100	.616 15.646	.298 1.923
<b>305042</b>	.750 19.050	.065 1.651	.686 17.424	.042 1.067	.037 .940	.500 .152	30	.032 .813	.158 .048	3.173	.602 15.291	.285 1.836
<b>305049</b>	.750 19.050	.072 1.829	.686 17.424	.049 1.245	.044 1.118	.500 .152	30	.032 .813	.154 .047	3.248	.588 14.935	.272 1.752
<b>305065</b>	.750 19.050	.083 2.108	.686 17.424	.065 1.651	.058 1.473	.500 .152	30	.032 .813	.146 .044	3.435	.556 14.122	.243 1.566
<b>305083</b>	.750 19.050	.109 2.769	.686 17.424	.083 2.108	.074 1.880	.500 .152	30	.032 .813	.136 .041	3.673	.520 13.208	.212 1.370
<b>306028</b>	.875 22.225	.049 1.245	.811 20.599	.028 .711	.025 .635	.587 .179	30	.032 .813	.198 .060	2.970	.755 19.177	.448 2.888
<b>306035</b>	.875 22.225	.058 1.473	.811 20.599	.035 .889	.031 .787	.587 .179	30	.032 .813	.194 .059	3.026	.741 18.821	.431 2.782
<b>306042</b>	.875 22.225	.065 1.651	.811 20.599	.042 1.067	.037 .940	.587 .179	30	.032 .813	.190 .058	3.084	.727 18.466	.415 2.678
<b>306049</b>	.875 22.225	.072 1.829	.811 20.599	.049 1.245	.044 1.118	.587 .179	30	.032 .813	.187 .057	3.145	.713 18.110	.399 2.576
<b>306065</b>	.875 22.225	.083 2.108	.811 20.599	.065 1.651	.058 1.473	.587 .179	30	.032 .813	.178 .054	3.292	.681 17.297	.364 2.350
<b>306083</b>	.875 22.225	.109 2.769	.811 20.599	.083 2.108	.074 1.880	.587 .179	30	.032 .813	.169 .051	3.476	.645 16.383	.327 2.108
<b>307035</b>	1.000 25.400	.058 1.473	.936 23.774	.035 .889	.031 .787	.671 .205	30	.032 .813	.227 .069	2.960	.866 21.996	.589 3.800
<b>307042</b>	1.000 25.400	.065 1.651	.936 23.774	.042 1.067	.037 .940	.671 .205	30	.032 .813	.223 .068	3.008	.852 21.641	.570 3.678
<b>307049</b>	1.000 25.400	.072 1.829	.936 23.774	.049 1.245	.044 1.118	.671 .205	30	.032 .813	.219 .067	3.059	.838 21.285	.552 3.558
<b>307065</b>	1.000 25.400	.083 2.108	.936 23.774	.065 1.651	.058 1.473	.671 .205	30	.032 .813	.211 .064	3.180	.806 20.472	.510 3.292
<b>307083</b>	1.000 25.400	.109 2.769	.936 23.774	.083 2.108	.074 1.880	.671 .205	30	.032 .813	.202 .061	3.329	.770 19.558	.466 3.004

Note: Other materials may be available upon request

Revised Apr., 2020