

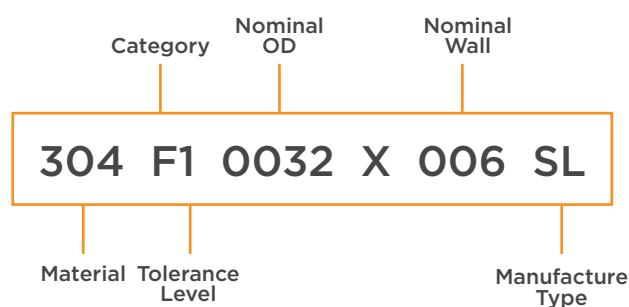


FRACTIONAL TUBING

Fractional Tubing starts at 1/32" OD, and is available in welded-and-drawn or seamless construction. Fractional tubing is often used in commercial applications that require corrosion resistance and good strength.

Stocked tolerances meet or exceed the tolerance requirement of ASTM A269. Stocked tubing is usually stocked in annealed temper. Note that MicroGroup, now a prt of TE Connectivity offers the in-house capability to produce custom sizes and tempers while holding the chemical composition of the starting specification to reduce lead times and minimum order sizes.

HOW TO SPECIFY FRACTIONAL TUBING



FRACTIONAL TUBING

TOLERANCES	F1-STANDARD TOLERANCES		F2-CLOSE TOLERANCES	
TUBE SIZE OD (INCHES)	TOLERANCE OD (INCHES)	TOLERANCE WALL (%)	TOLERANCE OD (INCHES)	TOLERANCE WALL (%)
Less than 3/32 (.0938")	±.005"	±15%	+.002/-0.000	±10%
3/32 to <3/16 (.1875")	±.005"	±15%	+.003/-0.000	±10%
3/16 to <1/2 (.500")	±.005"	±15%	+.004/-0.000	±10%
1/2 to <1-1/2 (1.500")	±.005"	±10%	+.005/-0.000	±10%
1-1/2 to < 3-1/2	±.010"	±10%	n/a	n/a

Nominal Tube Size (Inches)			Item # (Base)	WD = Welded SL = Seamless				Other SS Alloys	Other Nickel Alloys
				304 SS		316 SS			
OD	Wall	ID		SL	WD	SL	WD		
1/32" (.0313")	.006	.019	F10032X006	X	X				200
.79 mm	.010	.011	F10032X010	X		X			
1/16"	.006	.051	F10062X006	X	X	X	X		600
.0625"	.010	.043	F10062X010	X	X	X	X	321, 347	200, 400, 600
1.59 mm	.012	.039	F10062X012	X		X		321	
	.016	.031	F10062X016	X	X	X	X	321	200, 600
	.020	.023	F10062X020		X			321	200, 600
	.026	.011	F10062X026	X		X			
	.028	.007	F10062X028	X		X			
3/32"	.006	.082	F10093X006	X	X	X	X		
.0938"	.010	.074	F10093X010	X	X	X	X	321	600
2.38 mm	.016	.062	F10093X016	X	X	X		321	600
	.020	.054	F10093X020	X	X	X		321	600
	.028	.038	F10093X028	X		X		321	
	.035	.024	F10093X035	X		X			

FRACTIONAL TUBING

Nominal Tube Size (Inches)			Item # (Base)	WD = Welded		SL = Seamless		Other SS Alloys	Other Nickel Alloys
				304 SS		316 SS			
OD	Wall	ID		SL	WD	SL	WD		
1/8" .1250" 3.18 mm	.006	.113	F10125x006	X	X		X		
	.010	.105	F10125X010	X	X	X	X	321	600
	.012	.101	F10125X012	X	X			321, 347	600
	.016	.093	F10125X016	X	X	X		321	600
	.020	.085	F10125X020	X	X	X		321, 347	200, 400, 600
	.025	.075	F10125X025	X					
	.028	.069	F10125X028	X	X	X	X	321, 347	200, 400, 600
	.032	.061	F10125X032	X				321	
	.035	.055	F10125X035	X	X	X		321, 347	200, 400, 600
	.042	.041	F10125X042	X		X			
	.049	.027	F10125X049	X		X		321	
5/32" .1563" 3.97 mm	.006	.144	F10156X006	X	X				
	.010	.136	F10156X010	X	X	X			
	.016	.124	F10156X016	X	X	X	X	321	
	.020	.116	F10156X020	X	X	X	X	321	
	.028	.100	F10156X028	X	X	X	X	321	
	.035	.086	F10156X035	X	X	X		321	
	.049	.058	F10156X049	X		X		321	
3/16" .1875" 4.76 mm	.006	.176	F10188X006	X	X	X			
	.010	.168	F10188X010	X	X	X	X	321	600
	.016	.156	F10188X016	X	X	X	X	321	200, 600
	.020	.148	F10188X020	X	X	X	X	321, 347	600
	.028	.132	F10188X028	X	X	X	X	321, 347	200, 600
	.035	.118	F10188X035	X	X	X	X	310, 321, 347	200, 400, 600
	.049	.090	F10188X049	X	X	X	X	321, 347	600
	.058	.072	F10188X058	X					
	.065	.058	F10188X065	X		X			
7/32" .2188" 5.56 mm	.006	.207	F10219X006	X					
	.010	.199	F10219X010	X		X		321	
	.016	.187	F10219X016	X		X			
	.020	.180	F10219X020	X		X			
	.028	.163	F10219X028	X		X			
	.035	.149	F10219X035	X		X		321	
	.049	.121	F10219X049	X		X			
1/4" .2500" 6.35 mm	.006	.238	F10250X006	X	X	X			
	.010	.230	F10250X010	X	X	X	X		
	.016	.218	F10250X016	X	X	X	X	321, 347	600
	.020	.210	F10250X020	X	X	X	X	310, 321, 347	200, 400, 600
	.028	.194	F10250X028	X	X	X	X	310, 321, 347	200, 400, 600
	.032	.186	F10250X032	X	X	X			
	.035	.180	F10250X035	X	X	X	X	310, 321, 347	200, 400, 600
	.049	.152	F10250X049	X	X	X	X	310, 321, 347	200, 400, 600
	.058	.134	F10250X058	X		X		321	

FRACTIONAL TUBING

Nominal Tube Size (Inches)			Item # (Base)	WD = Welded		SL = Seamless		Other SS Alloys	Other Nickel Alloys
				304 SS		316 SS			
OD	Wall	ID		SL	WD	SL	WD		
1/4" cont. .2500" 6.35 mm 9/32" .2813" 7.14 mm	.065	.120	F10250X065	X	X	X	X	310, 321, 347	200, 400, 600
	.083	.084	F10250X083	X	X	X	X	321	
	.095	.060	F10250X095	X		X		321	
	.006	.269	F10281X006	X					
	.010	.261	F10281X010	X		X			
	.016	.249	F10281X016	X		X			
	.020	.241	F10281X020	X		X			
	.028	.225	F10281X028	X		X			
	.035	.211	F10281X035	X		X			
	.049	.183	F10281X049	X					
5/16" .3125" 7.94 mm	.006	.301	F10312X006	X		X			
	.010	.293	F10312X010	X	X	X		321	
	.016	.281	F10312X016	X	X	X		321	
	.020	.273	F10312X020	X	X	X	X	321, 347	200, 600
	.028	.257	F10312X028	X	X	X	X	321, 347	600
	.035	.243	F10312X035	X	X	X	X	310, 321, 347	200, 400, 600
	.049	.215	F10312X049	X	X	X	X	310, 321, 347	600
	.058	.197	F10312X058	X				321	
	.065	.183	F10312X065	X	X	X	X	321	200, 600
	.083	.147	F10312X083	X		X		321	
	.095	.123	F10312X095	X		X		321	
	.120	.073	F10312X120	X					
	.125	.063	F10312X125	X		X			
11/32" .3438" 8.73 mm	.010	.324	F10344X010	X		X			
	.016	.312	F10344X016	X					
	.020	.304	F10344X020	X					
	.028	.288	F10344X028	X					
	.035	.274	F10344X035	X					
3/8" .3750" 9.53 mm	.006	.363	F10375X006	X					
	.010	.355	F10375X010	X	X	X			
	.016	.343	F10375X016	X	X	X		321	
	.020	.335	F10375X020	X	X	X	X	321, 347	600
	.028	.319	F10375X028	X	X	X	X	321, 347	200, 400, 600
	.035	.305	F10375X035	X	X	X	X	310, 321, 347	200, 400, 600
	.042	.291	F10375X042	X					
	.049	.277	F10375X049	X	X	X	X	310, 321, 347	200, 400, 600
	.058	.259	F10375X058	X		X			
	.065	.245	F10375X065	X	X	X	X	310, 321, 347	200, 400, 600
	.083	.209	F10375X083	X	X	X	X	321, 347	400, 600
	.095	.185	F10375X095	X	X	X	X	321, 347	
	.109	.157	F10375X109	X					
	.120	.135	F10375X120	X		X		321	
	.134	.107	F10375X134	X					
	.156	.063	F10375X156	X					

FRACTIONAL TUBING

Nominal Tube Size (Inches)			Item # (Base)	WD = Welded		SL = Seamless		Other SS Alloys	Other Nickel Alloys
				304 SS		316 SS			
OD	Wall	ID		SL	WD	SL	WD		
7/16" .4375" 11.11 mm	.010	.418	F10437X010	X					
	.016	.406	F10437X016	X	X	X			
	.020	.398	F10437X020	X	X	X		321, 347	
	.028	.382	F10437X028	X	X	X	X	321, 347	
	.035	.368	F10437X035	X	X	X	X	321, 347	600
	.049	.340	F10437X049	X	X	X	X	321, 347	
	.058	.322	F10437X058	X				321	
	.065	.308	F10437X065	X	X	X		321	600
	.083	.272	F10437X083	X	X	X		347	
	.095	.248	F10437X095	X		X		321	
	.109	.220	F10437X109		X				
	.120	.198	F10437X120	X		X		321	
1/2" .5000" 12.70 mm	.006	.488	F10500X006	X					
	.010	.480	F10500X010	X	X	X		321	
	.016	.468	F10500X016	X	X	X		321	
	.020	.460	F10500X020	X	X	X	X	321, 347	
	.028	.444	F10500X028	X	X	X	X	310, 321, 347	200, 400, 600
	.035	.430	F10500X035	X	X	X	X	310, 321, 347	200, 400, 600
	.049	.402	F10500X049	X	X	X	X	310, 321, 347	200, 400, 600
	.058	.384	F10500X058	X		X		321	400, 600
	.065	.370	F10500X065	X	X	X	X	310, 321, 347	200, 400, 600
	.083	.334	F10500X083	X	X	X	X	310, 321, 347	400, 600
	.095	.310	F10500X095	X	X	X	X	321, 347	400, 600
	.109	.282	F10500X109	X		X			600
	.120	.260	F10500X120	X		X		310, 321, 347	400, 600
	.125	.250	F10500X125	X		X		347	
	.134	.232	F10500X134	X		X		347	
	.156	.188	F10500X156	X		X		321	
	.188	.124	F10500X188	X		X			
9/16" .5625" 14.29 mm	.010	.543	F10562X010	X		X			
	.016	.531	F10562X016	X		X		321	
	.020	.523	F10562X020	X		X			
	.028	.507	F10562X028	X	X	X	X	321	
	.035	.493	F10562X035	X	X	X	X	321	400, 600
	.049	.465	F10562X049	X	X	X	X	321	600
	.065	.433	F10562X065	X	X	X	X	321	600
	.083	.397	F10562X083	X	X	X		321	
	.095	.373	F10562X095	X	X	X			
	.120	.323	F10562X120	X		X			
	.125	.313	F10562X125	X					
	.156	.251	F10562X156	X		X			
	.188	.187	F10562X188	X		X			

FRACTIONAL TUBING

Nominal Tube Size (Inches)			Item # (Base)	WD = Welded		SL = Seamless		Other SS Alloys	Other Nickel Alloys
				304 SS		316 SS			
OD	Wall	ID		SL	WD	SL	WD		
5/8" .6250" 15.88 mm	.010	.605	F10625X010	X		X			
	.016	.593	F10625X016	X		X		321	
	.020	.585	F10625X020	X	X	X	X	321, 347	
	.028	.569	F10625X028	X	X	X	X	321, 347	
	.035	.555	F10625X035	X	X	X	X	310, 321, 347	200, 400, 600
	.049	.527	F10625X049	X	X	X	X	310, 321, 347	200, 400, 600
	.058	.509	F10625X058	X		X		321, 347	
	.065	.495	F10625X065	X	X	X	X	310, 321, 347	200, 400, 600
	.083	.459	F10625X083	X	X	X	X	310, 321, 347	400, 600
	.095	.435	F10625X095	X	X	X	X	321	400, 600
	.109	.407	F10625X109	X		X			
	.120	.385	F10625X120	X		X		321	600
	.125	.375	F10625X125	X					
	.134	.357	F10625X134	X		X			
	.156	.313	F10625X156	X		X			
	.188	.249	F10625X188	X		X		321	
	.250	.125	F10625X250	X					
1 1/16" .6875" 17.46 mm	.020	.648	F10688X020	X					
	.028	.632	F10688X028	X				321	
	.035	.618	F10688X035	X		X		321	
	.049	.590	F10688X049	X	X	X	X		
	.065	.558	F10688X065	X	X	X	X	321	
	.083	.522	F10688X083	X					
	.095	.498	F10688X095	X					
	.120	.448	F10688X120	X					
3/4" .7500" 19.05 mm	.010	.730	F10750X010	X		X			
	.016	.718	F10750X016	X		X		321	
	.020	.710	F10750X020	X	X	X		321, 347	
	.028	.694	F10750X028	X	X	X	X	321, 347	600
	.035	.680	F10750X035	X	X	X	X	310, 321, 347	200, 400, 600
	.049	.652	F10750X049	X	X	X	X	310, 321, 347	200, 400, 600
	.058	.634	F10750X058	X		X		321	
	.065	.620	F10750X065	X	X	X	X	310, 321, 347, 410	200, 400, 600
	.083	.584	F10750X083	X	X	X	X	310, 321, 347, 410	200, 400, 600
	.095	.560	F10750X095	X	X	X	X	321, 347	400, 600
	.109	.532	F10750X109	X	X	X	X	321	200, 400, 600
	.156	.438	F10750X156	X		X		321	
	.188	.374	F10750X188	X		X		321	
	.250	.250	F10750X250	X		X			

FRACTIONAL TUBING

Nominal Tube Size (Inches)			Item # (Base)	WD = Welded		SL = Seamless		Other SS Alloys	Other Nickel Alloys
				304 SS		316 SS			
OD	Wall	ID		SL	WD	SL	WD		
.8125" 20.64 mm	.035	.743	F10812X035	X		X		321	
	.049	.715	F10812X049	X		X			
	.065	.683	F10812X065	X		X			
	.083	.647	F10812X083	X		X			
	.095	.623	F10812X095	X					
.8750" 22.23 mm	.016	.843	F10875X016	X					
	.020	.835	F10875X020	X	X				
	.028	.819	F10875X028	X	X				
	.035	.805	F10875X035	X	X	X	X	321, 347	400, 600
	.049	.777	F10875X049	X	X	X	X	310, 321, 347	400, 600
	.058	.759	F10875X058	X					
	.065	.745	F10875X065	X	X	X	X	310, 321, 347	200, 400, 600
	.083	.709	F10875X083	X	X	X	X	321	200, 600
	.095	.685	F10875X095	X	X	X	X	321	
	.109	.657	F10875X109	X		X			
	.120	.635	F10875X120	X		X		310, 321, 347	600
	.156	.563	F10875X156	X		X		321	
	.188	.499	F10875X188	X		X		321	
	.250	.375	F10875X250	X		X		321	
.9375" 23.81 mm	.028	.882	F10937X028	X					
	.035	.868	F10937X035	X					
	.049	.840	F10937X049	X					
	.065	.808	F10937X065	X		X			
	.083	.772	F10937X083	X					
	.095	.748	F10937X095	X					
	.120	.698	F10937X120	X					
1" 1.0000" 25.40 mm	.016	.968	F11000X016	X					
	.020	.960	F11000X020	X	X	X		321, 347	
	.028	.944	F11000X028	X	X	X	X	321, 347	
	.035	.093	F11000X035	X	X	X	X	310, 321, 347	200, 400, 600
	.049	.902	F11000X049	X	X	X	X	310, 347	200, 400, 600
	.058	.884	F11000X058	X					
	.065	.870	F11000X065	X	X	X	X	310, 321, 347	200, 400, 600
	.083	.834	F11000X083	X	X	X	X	310, 321, 347	200, 400, 600
	.095	.810	F11000X095	X	X	X	X	321, 347	400, 600
	.109	.782	F11000X109	X	X	X	X	310, 321, 347, 410	200, 400, 600
	.120	.760	F11000X120	X	X	X	X	310, 321, 347	400, 600
	.125	.750	F11000X125	X		X		321	600
	.134	.732	F11000X134	X		X			200, 400
	.156	.688	F11000X156	X		X		321	
	.188	.624	F11000X188	X		X		321	
	.250	.500	F11000X250	X		X		321	
	.375	.250	F11000375	X		X			

FRACTIONAL TUBING

Nominal Tube Size (Inches)			Item # (Base)	WD = Welded		SL = Seamless		Other SS Alloys	Other Nickel Alloys
				304 SS		316 SS			
OD	Wall	ID		SL	WD	SL	WD		
1.1250" 28.58 mm	.049	1.027	F11125X049	X	X	X	X	321	
	.065	.995	F11125X065	X	X	X	X	321	
	.083	.959	F11125X083	X	X	X	X	321	
	.095	.094	F11125X095	X	X	X		321	
	.120	.885	F11125X120	X	X	X	X	321	
	.188	.749	F11125X188	X		X		321	
	.250	.625	F11125X250	X		X			
1.2500" 31.75 mm	.035	1.180	F11250X035	X	X	X	X	321, 347	400, 600
	.049	1.152	F11250X049	X	X	X	X	321, 347	400
	.065	1.120	F11250X065	X	X	X	X	321, 347	200, 400, 600
	.083	1.084	F11250X083	X	X	X	X	321	200, 400, 600
	.095	1.060	F11250X095	X	X	X	X	321	400
	.188	.874	F11250X188	X		X		321	
	.250	.750	F11250X250	X		X		321	
1-3/8" 1.3750" 34.93 mm	.035	1.305	F11375X035	X	X	X		321, 347	
	.049	1.277	F11375X049	X	X	X	X	321, 347	
	.065	1.245	F11375X065	X	X	X	X	321	
	.083	1.209	F11375X083	X	X	X			
	.095	1.185	F11375X095	X	X	X			
	.120	1.135	F11375X120	X	X	X	X		
	.188	.999	F11375X188	X		X		321	
1-1/2" 1.5000" 38.10 mm	.250	.875	F11375X250	X		X		321	
	.028	1.444	F11500X028	X	X				
	.035	1.430	F11500X035	X	X	X	X	310, 321, 347	600
	.049	1.402	F11500X049	X	X	X	X	310, 321, 347	400, 600
	.065	1.370	F11500X065	X	X	X	X	310, 321, 347	200, 400, 600
	.083	1.334	F11500X083	X	X	X	X	321	200, 400, 600
	.095	1.310	F11500X095	X	X	X	X	321, 347	400, 600
	.120	1.260	F11500X120	X	X	X	X	310, 321, 347	200, 400, 600
	.156	1.188	F11500X156	X	X	X	X		
	.188	1.124	F11500X188	X		X		321	
	.250	1.000	F11500X250	X		X		321	
	.313	.876	F11500X313	X		X		321	
1-5/8" 1.6250" 41.28 mm	.375	.750	F11500X375	X		X		321	
	.035	1.555	F11625X035	X	X				
	.049	1.527	F11625X049	X	X	X	X	321	
	.065	1.495	F11625X065	X	X	X	X	310, 321	
	.083	1.459	F11625X083	X	X	X			
	.095	1.435	F11625X095		X	X			
	.120	1.385	F11625X120	X	X	X	X	321	
	.188	1.249	F11625X188	X		X		321	
	.250	1.125	F11625X250	X		X			
.375	.875	F11625X375	X		X		321		

FRACTIONAL TUBING

Nominal Tube Size (Inches)			Item # (Base)	WD = Welded		SL = Seamless		Other SS Alloys	Other Nickel Alloys
				304 SS		316 SS			
OD	Wall	ID		SL	WD	SL	WD		
1.7500" 44.45 mm	.049	1.652	F11750X049	X	X	X	X	310, 321	
	.065	1.620	F11750X065	X	X	X	X	310, 321	400, 600
	.083	1.584	F11750X083	X	X	X	X	321	
	.095	1.560	F11750X095	X	X	X	X	321	
	.120	1.510	F11750X120	X	X	X	X	321	
	.156	1.438	F11750X156	X					
	.188	1.374	F11750X188	X		X		321	
	.250	1.250	F11750X250	X		X		321	
	.375	1.000	F11750X375	X		X			
1-7/8" 1.8750" 47.63 mm	.035	1.805	F11875X035	X	X				
	.049	1.777	F11875X049	X	X	X	X	321	
	.065	1.745	F11875X065	X	X	X	X	321	
	.083	1.709	F11875X083	X	X				
	.095	1.685	F11875X095	X	X	X		321	
	.120	1.635	F11875X120	X		X			
	.188	1.499	F11875X188	X		X			
	.250	1.375	F11875X250	X		X		321	
2" 2.0000" 50.80 mm	.028	1.944	F12000X028	X	X	X		321, 347	
	.035	1.930	F12000X035	X	X	X	X	321, 347	600
	.049	1.902	F12000X049	X	X	X	X	310, 321, 347	600
	.065	1.870	F12000X065	X	X	X	X	310, 321, 347	200, 400, 600
	.083	1.834	F12000X083	X	X	X	X	310, 321	200, 400, 600
	.095	1.810	F12000X095	X	X	X	X	310, 321	600
	.120	1.760	F12000X120	X	X	X	X	310, 321	200, 400, 600
	.156	1.688	F12000X156	X	X	X		321	
	.188	1.624	F12000X188	X	X	X		310, 321	
	.250	1.500	F12000X250	X		X		310, 321, 347	
	.313	1.376	F12000X313	X		X		321	
	.375	1.250	F12000X375	X		X		321	
	.438	1.126	F12000X438	X		X			
	.500	1.000	F12000X500	X		X		310, 321, 347	
2-1/8" 2.1250" 53.98 mm	.035	2.055	F12125X035	X	X				
	.049	2.027	F12125X049	X	X	X	X	321	
	.065	1.995	F12125X065	X	X	X	X	321	
	.083	1.959	F12125X083	X	X	X			
	.095	1.935	F12125X095	X	X	X			
	.120	1.885	F12125X120	X	X	X		321	
	.188	1.749	F12125X188	X		X			
	.250	1.625	F12125X250	X		X		321	
	.375	1.375	F12125X375	X		X		321, 347	
	.500	1.125	F12125X500	X		X		321	

FRACTIONAL TUBING

Nominal Tube Size (Inches)			Item # (Base)	WD = Welded		SL = Seamless		Other SS Alloys	Other Nickel Alloys
				304 SS		316 SS			
OD	Wall	ID		SL	WD	SL	WD		
2.2500" 57.15 mm	.049	2.152	F12250X049	X	X	X	X	321	
	.065	2.120	F12250X065	X	X	X	X	321, 347	
	.083	2.084	F12250X083	X	X	X	X	321	
	.095	2.060	F12250X095	X	X	X			
	.120	2.010	F12250X120	X	X	X	X	310, 321	
	.188	1.874	F12250X188	X		X		321	
	.250	1.750	F12250X250	X		X		321	
	.375	1.500	F12250X375	X		X		321	
	.500	1.250	F12250X500	X		X		321	
2-3/8" 2.3750" 60.33 mm	.035	2.305	F12375X035	X	X				
	.049	2.277	F12375X049	X	X				
	.065	2.245	F12375X065	X	X	X	X	321	
	.083	2.209	F12375X083	X	X	X	X		
	.095	2.185	F12375X095	X					
	.120	2.135	F12375X120	X	X	X			
	.188	1.999	F12375X188	X		X		321	
	.250	1.875	F12375X250	X		X		321	
	.375	1.625	F12375X375	X		X		321	
.500	1.375	F12375X500	X		X				
2-1/2" 2.5000" 63.50 mm	.035	2.430	F12500X035	X	X	X	X	321, 347	
	.049	2.402	F12500X035	X	X	X	X	321, 347	
	.065	2.370	F12500X065	X	X	X	X	310, 321, 347	200, 400, 600
	.083	2.334	F12500X083	X	X	X	X	310, 321	200, 400
	.095	2.310	F12500X095	X	X		X	321	
	.120	2.260	F12500X120	X	X	X	X	321, 347	400, 600
	.188	2.124	F12500X188	X		X		321	
	.250	2.000	F12500X250	X		X		310, 321	
	.375	1.750	F12500X375	X		X		310, 321	
.500	1.500	F12500X500	X		X		310, 321, 410		
2-5/8" 2.6250" 66.68 mm	.049	2.527	F12625X049		X				
	.065	2.495	F12625X065	X	X	X	X	321	
	.095	2.435	F12625X095	X	X				
	.120	2.385	F12625X120	X	X	X	X	321, 347	
	.188	2.249	F12625X188	X		X		321	
	.250	2.125	F12625X250	X		X			
	.375	1.875	F12625X375	X		X		321	
	.500	1.625	F12625X500	X		X		321	
2-3/4" 2.7500" 69.85 mm	.035	2.680	F12750X035	X	X				
	.049	2.652	F12750X049	X	X				
	.065	2.620	F12750X065	X	X	X	X	321	
	.083	2.584	F12750X083	X	X	X	X	321	
	.120	2.510	F12750X120	X	X	X	X	321	
	.188	2.374	F12750X188	X		X		321	
	.250	2.250	F12750X250	X		X		321	
	.500	1.750	F12750X500	X		X		321	

FRACTIONAL TUBING

Nominal Tube Size (Inches)			Item # (Base)	WD = Welded		SL = Seamless		Other SS Alloys	Other Nickel Alloys
				304 SS		316 SS			
OD	Wall	ID		SL	WD	SL	WD		
3.0000" 76.20 mm	.750	1.500	F13000X750	X		X		321	
	.049	2.902	F13000X049	X	X	X	X	321, 347	
	.065	2.870	F13000X065	X	X	X	X	310, 321, 347	200, 400, 600
	.083	2.834	F13000X083	X	X	X	X	310, 321	200, 400, 600
	.095	2.810	F13000X095	X	X	X	X	321	
	.120	2.760	F13000X120	X	X	X	X	310, 321, 347	200, 600
	.156	2.688	F13000X156	X		X			
	.188	2.624	F13000X188	X	X	X		321	
	.250	2.500	F13000X250	X		X		310, 321	600
	.313	2.376	F13000X313	X		X			
	.375	2.250	F13000X375	X		X		321	
	.500	2.000	F13000X500	X		X		310, 321	
	.625	1.750	F13000X625	X		X		321	

Other Sizes, Custom Sizes, L Grades, and Other Alloys are available.

Note that MicroGroup, now a part of TE Connectivity, offers the in-house capability to produce custom sizes and tempers while holding the chemical composition of the starting specification to reduce lead times and minimum order sizes.

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