



American Stainless Tubing, Inc.



setting the
**quality
standard**

ASTI Stainless Tubing Products Set the Standard in Quality

ASTI is proud to be ISO-9001 Certified (#06-R1058).

ISO 9001-2000

American Stainless Tubing, Inc. considers quality the most important component of our stainless steel tubing. In an effort to ensure our quality goals, all 304, 304L and 316L strip products are domestically produced to ASTI custom specifications, which are more rigid than many industry standards and have stricter surface finish requirements.



ASTI technicians conduct a 100% inspection of all raw materials during the slitting operation. The inspection occurs before the material ever reaches the ASTI highly automated tubing mill and creates improved quality and shorter lead-times. Our unique mills produce a close tolerance, defect-free tube that not only meets, but beats industry standards.



All ASTI tubing is TIG (Tungsten Inert Gas) welded, which produces a tube with consistent, reliable fabricating properties, time after time.

The Benefits of Stainless Steel

There are many benefits of using stainless steel tubing. Stainless steel resists corrosion caused by the elements in water and the atmosphere. Stainless steel is easy to clean, making it the first choice for the strict hygiene conditions required by hospitals, kitchens, and food processing plants.

Modern steel making techniques make stainless steel as easy to cut, form, weld and fabricate as traditional steel materials. There is a great cost savings in the strength-to-weight advantage of stainless steel material. The work-hardening property of austenitic grades results in a significant strengthening.

The long-term value and aesthetic appearance of stainless steel makes this material even more desirable. Stainless steel is the least expensive material option when total life style costs are considered. The bright surface is easy to maintain and provides a modern and attractive appearance.



Superior Quality Finish

All standard finishes.

As Welded	(all sizes)
180 Grit	(1/2" - 5")
240 Grit	(1/2" - 5")
320 Grit	(1/2" - 5")
Super Buffed**	(1/2" - 5")
ASTI Linear Buff*	(7/8" - 2 1/2")
ASTI Linear Grit	(1/2" - 2")

*Available on rounds only.

**Available on rounds and ellipticals.

ASTI's finishing ability is not limited to standard finishes. Just send a sample. In most cases we will be able to match the finish.

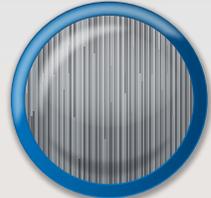
180 Grit



240 Grit



320 Grit



Customer Testimonials



CARVER
YACHTS

“We use ASTI materials because of the superior finish they achieve with their patented linear polish. The tube application is for boat railings. The railings on the boat are the first thing you notice and require a consistent mirror finish. The true mirror finish allows the railings to be the show piece of the yacht.”

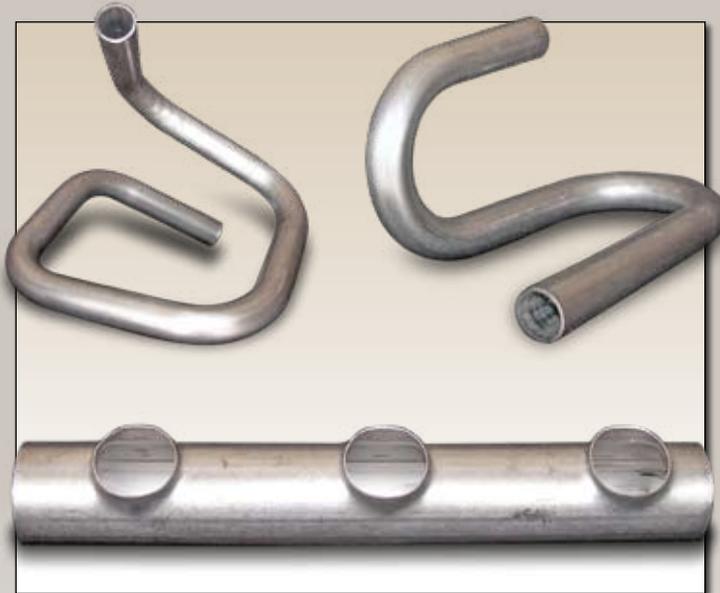
Sue Jansen
Senior Buyer
Sanborn Tube Sales Inc.
Provider of American Stainless Tubing to
Carver Yachts



DETROIT TUBE PRODUCTS

“Detroit Tube Products has been using American Stainless Tubing for over eight years. The quality is dependable, the pricing is competitive, the lead time is excellent and the service is outstanding. American Stainless helps us meet our customer’s demanding schedules and quality requirements-- and they’re a pleasure to work with.”

Kerry D Baker
Purchasing Manager
Detroit Tube Products



“ASTI has supplied P & P Artec for 3 years. ASTI material has consistently held our specifications on size and surface finish. The quality is there. ASTI’s suggestions and experience have helped us maintain our quality standards and develop new products.”

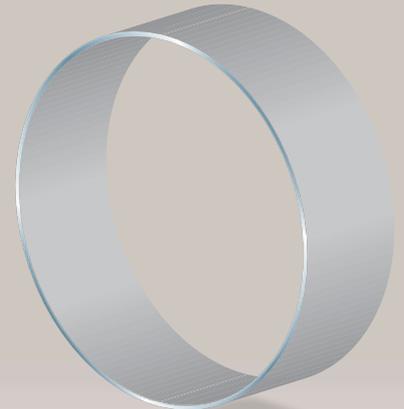
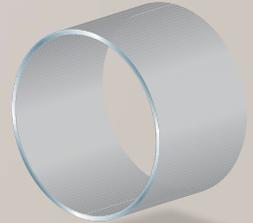
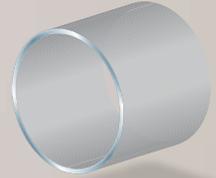
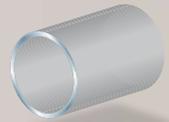
Karl Zimmermann
General Manager
P & P Artec



Round

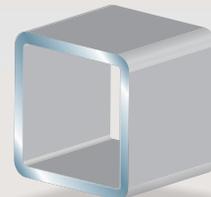
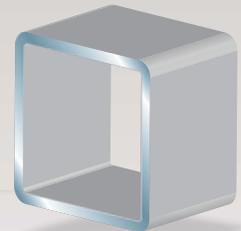
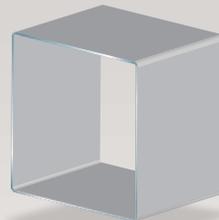
Finish Size (Inches)	Finish Size (Inches)	Finish Size (Inches)
.438	1.000	1.567
.500	1.030	1.575
.563	1.035	1.610
.597	1.050	1.625
.619	1.060	1.687
.625	1.062	1.694
.650	1.067	1.750
.657	1.070	1.762
.660	1.080	1.875
.669	1.095	1.900
.687	1.100	2.000
.688	1.102	2.032
.709	1.110	2.063
.735	1.113	2.067
.742	1.120	2.080
.750	1.121	2.105
.760	1.125	2.125
.812	1.154	2.250
.813	1.179	2.313
.840	1.181	2.375
.854	1.187	2.440
.855	1.202	2.446
.865	1.233	2.500
.866	1.250	2.562
.875	1.312	3.000
.889	1.375	4.000
.935	1.438	5.000
.937	1.475	
.938	1.490	
.940	1.500	

**Sunk from welded rounds*

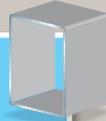


Square

Finish Size (Inches)	Finish Size (Inches)
.375	1.250
.496	1.375
.500	1.500
.625	1.625
.725	1.750
.730	1.875
.750	2.000
.835	3.000
.860	4.000
.875	
1.000	
1.125	



Rectangular

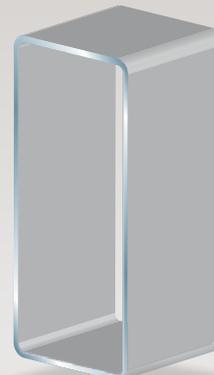
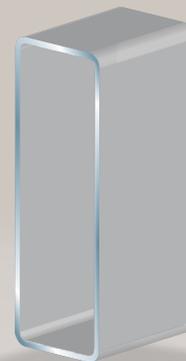
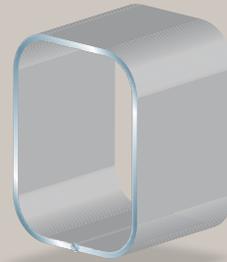


Finish Size (Inches)

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Finish Size (Inches)

.244 x .994	.500 x 3	.870 x 2.700
.250 x .500	.510 x 1.010	.875 x 1.125
.250 x 1	.525 x .820	.875 x 1.250
.250 x 2	.540 x .625	.875 x 1.500
.308 x .995	.5625 x 1.8125	.875 x 1.750
.308 x 1.497	.580 x 2	.950 x 1.750
.310 x .880	.600 x 1.020	1 x 1.250
.312 x .500	.610 x 1.365	1 x 1.500
.312 x 1.500	.625 x .724	1 x 1.625
.315 x 1.382	.625 x .750	1 x 2
.322 x .885	.625 x 1	1 x 2.500
.370 x 1.365	.625 x 1.250	1 x 3
.375 x .500	.625 x 1.500	1.100 x 3
.375 x .625	.625 x 1.750	1.187 x 2.750
.375 x .750	.625 x 2	1.250 x 1.625
.375 x .875	.625 x 2.500	1.250 x 1.750
.375 x 1	.630 x 1.9	1.250 x 2
.375 x 1.125	.680 x 1.185	1.250 x 2.250
.375 x 1.250	.685 x 1.500	1.250 x 2.500
.375 x 1.375	.687 x 1.562	1.375 x 1.625
.375 x 1.500	.6875 x .8125	1.500 x 1.750
.375 x 2	.750 x .875	1.500 x 2
.385 x .885	.750 x .960	1.500 x 2.250
.390 x 1.015	.750 x 1	1.500 x 2.500
.394 x .984	.750 x 1.25	1.500 x 4.500
.394 x 1.185	.750 x 1.500	1.550 x 3
.406 x 1.188	.750 x 1.625	1.620 x 2.313
.500 x .375	.750 x 1.750	1.750 x 2.250
.500 x .625	.750 x 2	1.750 x 3
.500 x .750	.750 x 2.250	2 x 4
.500 x .875	.750 x 2.500	2.500 x 3.500
.500 x 1	.750 x 2.750	2.500 x 4
.500 x 1.250	.750 x 3	
.500 x 1.375	.787 x .875	
.500 x 1.437	.787 x 1.180	
.500 x 1.500	.787 x 2.360	
.500 x 2	.840 x 2.840	
.500 x 2.500	.860 x 1.750	



Please check
our website for
newly added sizes.
asti-nc.com

Flat Oval

Finish Size (Inches)

.246 x .664

.307 x .600

.307 x .949

.308 x .954

.312 x .958

.315 x .949

.322 x .935

.325 x .931

.349 x .595

.350 x .928

.370 x 1.490

.373 x 1.494

.375 x .560

.375 x .755

.375 x 1.120

.375 x 1.500

.380 x .955

.390 x 1.155

.462 x 1.695

.475 x 1.500

Finish Size (Inches)

.500 x .905

.500 x 1.250

.500 x 1.500

.500 x 2

.500 x 2.440

.570 x 1.060

.596 x 2.786

.625 x 1.400

.625 x 1.750

.715 x 1.551

.750 x 1.125

.750 x 1.440

.750 x 1.500

.750 x 1.723

.750 x 2.322

.765 x 1.902

.780 x 3.060

.781 x 3.259

.805 x 1.503

.937 x 1.750

Finish Size (Inches)

.970 x 3.125

1 x 2

1 x 2.625

1 x 3.938"

1.020 x 1.875

1.025 x 2.950

1.040 x 1.560

1.063 x 2.500

1.112 x 1.710

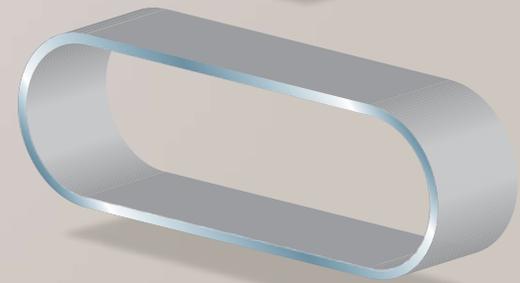
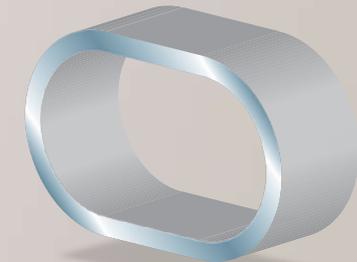
1.122 x 2.480

1.125 x 1.875

1.125 x 2.875

1.250 x 2.625

2.250 x 3.425



Elliptical

Finish Size (Inches)

.251 x .875

.443 x 1.184

.462 x 1.372

.500 x .936

.500 x .955

.703 x 1.234

.713 x 1.244

.750 x .985

.750 x 1.250

.811 x 1.570

.815 x 1.160

.815 x 1.170

Finish Size (Inches)

.820 x 1.180

.848 x 1.396

.850 x 1.350

.878 x 2.125

.960 x 1.501

.960 x 1.503

.960 x 1.526

1 x 1.250

1.003 x 1.895

1.020 x 2.520

1.062 x 1.600

1.150 x 1.825

Finish Size (Inches)

1.250 x 1.5

1.438 x 2.480

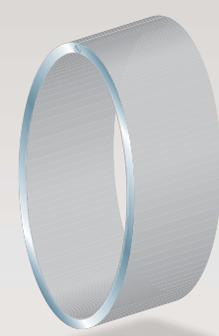
1.440 x 2.455

1.500 x 1.750

1.500 x 2.250

1.500 x 3.312

1.800 x 2



Please check
our website for
newly added sizes.
asti-nc.com

The ASTI engineering team will create quality stainless tubing to meet your special shape requirement. Contact us today to discuss your requirement.

Special Shapes>

that are currently available

Shape	Finish Size (Inches)
Small D	.715 x 1.612
D Shape	1.015 x 1.970
Hexagon	.75
Hexagon	1.0 x 1.680
Hexagon	1.723
Hexagon	1.730
Hexagon	2.040
Hexagon	2.710
Octagon	1.265
Triangle	.9375
Triangle	1.032
Triangle	1.070 x 1.995
Triangle	2.378
Diamond	2.300 x 3.800
Handrail	.437 x 2.25
Handrail	.470 x 2.745
Trapezoid	1.993 x 4.897



Gauges>

Wall thicknesses available:

11 ga	.113"
12 ga	.105"
13 ga	.095"
14 ga	.079"
16 ga	.060"
18 ga	.048"
20 ga	.033"
22 ga	.028"

Chemical Analysis>

	Carbon	Chromium	Nickel	Other-Max 2.00
Type 304 (Type 304L)	.08 Max .035 Max	18.0-20.0	8.0-11.0	MN-2.0, P-.040 SI-1.00, S-0.030
Type 316-L	.035 Max	16.0-18.0	10.0-15.0	MO-2.0-3.0, MN-2.00, P-.040, SI-1.00 S-.030

ASTI tubing can be supplied in long lengths or cut-to-length per your specifications.



American Stainless Tubing, Inc.

American Stainless Tubing, Inc. was founded on the principal of meeting the needs of the industry by providing quality tubing products to our customers.

ASTI operates state-of-the-art tubing mills. Our finishing equipment allows us to produce a finished stainless steel tube at a quality level that others rarely achieve. Our ISO 9001:2000 Certification ensures that the ASTI quality is always in place. Our commitment to improving our technology and manufacturing processes continues to make ASTI the leader in the ornamental stainless steel tubing industry.

The ASTI Story

The founders of ASTI spent many years trying to manufacture mirror polished furniture using the inferior tubing products that were available at the time. They became frustrated at the difficulty of making a superior product using inferior components. So, they decided to make their own tubing.

Paul Haughton, Tommy McCoy and Fred Lampe started ASTI with the goal to produce superior quality tubing and create a company with superior quality sales, manufacturing and delivery. They accomplished their goal and ASTI continues to set the standard in quality stainless tubing.

Visit our Products page for more information of the current in-stock and specialty tubing available from American Stainless Tubing, Inc.



American Stainless Tubing, Inc.

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