



# ATG

# Associated Tube Group

**A WORLD LEADER IN STAINLESS TUBULAR PRODUCTS**



# ATC

Associated Tube Canada



# ATU

Associated Tube USA



# TSM

Tubos Samuel de México





## Associated Tube Group

The Associated Tube Group, a division of Samuel Manu-Tech Inc., is a premier North American supplier of welded stainless steel tubular products. Manufacturing facilities in Canada, Mexico and the U.S.A. supply LaserTube®, T.I.G. welded and cold-drawn stainless steel, high nickel alloy and titanium tubular products globally.

Over fifty years of experience manufacturing welded and welded and cold-drawn stainless steel tubing is reinforced by a commitment to strong product development, manufacturing and metallurgical support.

Our flagship location in Markham, Ontario, Canada, (ATC) provides technical expertise to our locations in Saltillo, Mexico (TSM) and Elizabethtown, KY (ATU). Combined, there are over forty tube mills within the Associated Tube Group.

Quality accreditations for each location have been established to support product for dedicated markets and include ISO/TS16949:2002, P.E.D., 3A, ISO 9001:2000.

ATG's New Product Development Team partners with our customers' Engineering Teams to deliver innovative solutions for automotive, power generation, HVAC, fluid power, petro-chemical, medical, pharmaceutical, sanitary, food, beverage, oil and gas recovery and recreational applications.

Our customers come from a wide variety of industries such as:

Automotive - Power Generation - Semi-Conductor - Petro-Chemical - Food & Beverage - Sanitary - Pharmaceutical/Medical



Oil & Gas Recovery



Solar Power Generation



Aviation Industry



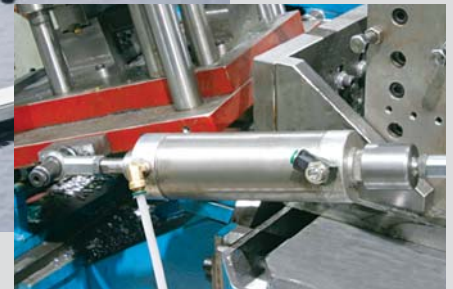
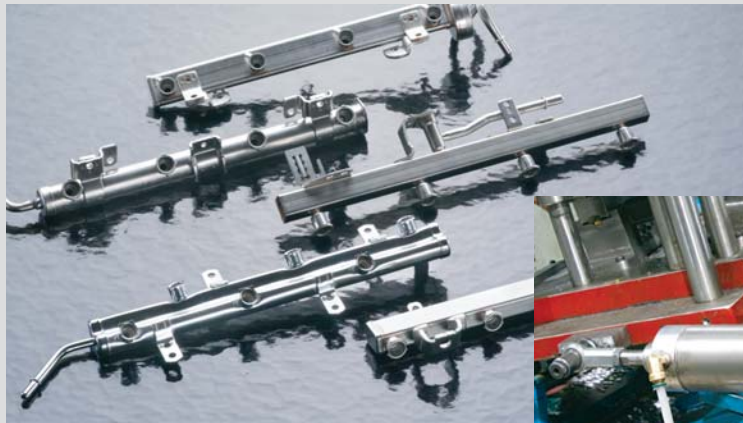
Automotive



Associated Tube Canada



Associated Tube Canada (formerly ATI), excels in the development of specially engineered products. Offering technical expertise in over fifty grades of stainless, high nickel and titanium tube and pipe, ATC's capabilities include laser and T.I.G. welding technology, cold drawing, bright annealing, O.D. conditioning, custom cutting and end-finishing, polishing, fabrication, non-destructive testing, custom packaging and logistics, and comprehensive metallurgical support. Product is available in long length straight and coiled configurations. ATC is C-TPAT accredited to ensure timely border crossings. Product is manufactured in 3/16" to 6-5/8" diameters and a wide variety of profiles.







Associated Tube USA

Associated Tube USA (formerly Dofasco Elizabethtown, Inc.) is a leading manufacturer of laser welded stainless steel tubing for sanitary, food, beverage, dairy, pharmaceutical and biotech applications as well as automotive, power generation and petro-chemical industries. The ATU facility was designed ten years ago as an automated low-cost manufacturer of laser welded tubing, a philosophy that is maintained today. ATU offers laser as well as T.I.G. welding, bright annealing, I.D. and O.D. polishing, custom cutting and non-destructive testing supported by an on-site metallurgical laboratory. Product is manufactured in 3/4" to 4" diameters.



Tubos Samuel de México

Tubos Samuel de México (TSM) located in Saltillo, Coahuila, Mexico provides a range of small diameter welded stainless steel products, 1/4" through 3/4", in bright annealed coils or straight lengths. This strategically located green field site began operation in late 2006 providing product for automotive, instrumentation, beverage and heat exchanger applications throughout Mexico, South America, Europe and the southern U.S. Custom cutting and packaging is available to suit customer requirements. An on-site metallurgical laboratory provides quality support.



Medical - Biotech - Instrumentation - Aerospace - Research & Development - Fluid Power - General Industry - Recreational



Ethanol / Biochemical



Pharmaceutical



Chemical



Food & Beverage

# TECHNICAL DATA

## Product Size Range Availability

Please contact our sales staff for your specific requirements

Outside Diameter		Wall Thickness (inches and millimeters)																						
inches	mm	0.012	0.016	0.020	0.022	0.025	0.028	0.030	0.035	0.042	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.148	0.165	0.187	0.203	0.218	0.250	0.265
		0.30	0.41	0.51	0.56	0.64	0.71	0.76	0.89	1.07	1.24	1.65	2.11	2.41	2.77	3.05	3.40	3.76	4.19	4.75	5.16	5.54	6.35	6.73
0.187	4.75																							
0.250	6.35																							
0.281	7.14																							
0.312	7.92																							
0.375	9.53																							
0.437	11.10																							
0.500	12.70																							
0.562	14.27																							
0.625	15.88																							
0.687	17.45																							
0.750	19.05																							
0.875	22.23																							
1.000	25.40																							
1.125	28.58																							
1.250	31.75																							
1.375	34.93																							
1.500	38.10																							
1.625	41.28																							
1.750	44.45																							
1.875	47.63																							
2.000	50.80																							
2.125	53.98																							
2.250	57.15																							
2.375	60.33																							
2.500	63.50																							
2.625	66.68																							
2.750	69.85																							
2.875	73.03																							
3.000	76.20																							
3.500	88.90																							
4.000	101.60																							
4.500	114.30																							
5.000	127.00																							
6.000	152.40																							
6.625	168.28																							

This table shows our common sizes. Many additional imperial and metric sizes are available. Custom shapes: A wide variety of custom shapes are available within the above size range, i.e. rectangular, oval, triangular, and many others.

### Contact Information: [www.associatedtube.com](http://www.associatedtube.com)

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Canada  
L3R 1A7

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42701 U.S.A.

Tubos Samuel de México (TSM)  
Calle 17, No 3698 Parque  
Industrial Amistad  
Col. Ampliación Morelos  
Saltillo, Coahuila  
México C.P. 25017

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Fax: 905-475-5202

Toll Free: 1-888-855-8823  
Telephone: 270-234-2000  
Fax: 270-234-2052

Teléfono: 844-438-6400  
Fax: 844-482-2200

## Associated Tube Group

A DIVISION OF **SAMUEL MANU-TECH INC.**

ATG is proud to offer a wide range of sizes, shapes and grades of welded and cold-drawn stainless steel tube. While every effort has been made to provide a complete listing, ATG's capabilities are continually changing. Please contact our commercial or technical staff with your requirements.

### Material Type Availability

#### AUSTENITIC STAINLESS STEEL

Alloy	Alloy
201	316H
301	316L
304	317
304H	317L
304L	321
305	321H
310S	347
316	Nitronic 30
904L	

#### FERRITIC STAINLESS STEEL

Alloy	Alloy
409	436, MT, S
410	439
410S	444
430Ti	29-4C
185R	

#### DUPLEX ALLOYS

Alloy	Alloy
2101 LDX	Nitronic 19
2205	2205 Modified
2304	2507

#### HIGH NICKEL/ HIGH PERFORMANCE ALLOYS

Alloy	Alloy
Nickel 200	825
Nickel 201	AL 6XN
600	1925hMo/25-6 Mo
601	Alloy 31
625	Alloy 20
800	Alloy C276
800H	Incoloy 840
Alloy X	254SMO

#### PRECIPITATION HARDENING STAINLESS STEEL

Alloy	Alloy
17-7PH	

#### TITANIUM

Alloy	Alloy
Grade 2	

Many of the grades in the above chart are Registered Trademarks of ATG's suppliers.