



United Industries Standard Tubing Sizes

These are our best-selling tubing sizes that we run regularly or may have in stock and ready for shipment. To place your order today, call 608-365-8891 or go to www.unitedindustries.com.

OD Sizes

INCHES	MILLIMETERS	INCHES	MILLIMETERS
.375	9.525	2.250	57.150
.500	12.700	2.312	58.725
.625	15.875	2.362	60.000
.675	17.145	2.375	60.325
.750	19.050	2.382	60.503
.840	21.336	2.500	63.500
.875	22.225	2.625	66.675
1.000	25.400	2.750	69.850
1.062	26.975	2.875	73.025
1.125	28.575	3.000	76.200
1.250	31.750	3.250	82.550
1.315	33.401	3.500	88.900
1.375	34.925	3.613	91.770
1.500	38.100	3.750	95.250
1.625	41.275	4.000	101.600
1.681	42.698	4.138	105.105
1.750	44.450	4.378	111.201
1.770	44.958	4.500	114.300
1.875	47.625	4.760	120.900
1.900	48.260	4.934	125.324
1.913	48.590	5.000	127.000
1.969	50.001	5.370	136.400
2.000	50.800	5.500	139.700
2.125	53.975	6.000	152.400

Tubing may be Laser or TIG welded, annealed or unannealed, polished or as welded. Wall thickness can range from .020 - .145; other sizes are available on demand. Types include 304, 304L, 316, 316L, 321, 409, 439, 18CB, 12SR, 29-4C, 441, 444, and others. We maintain an extensive inventory of 3A-authorized sanitary tubing consisting of 1/2", 3/4", 1", 1-1/2", 2", 2-1/2", 3", 4", and 6" OD sizes with mechanical or electro-polish finish.

The Standard of Excellence

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United Industries Stainless Steel Chemical Composition

AUSTENITIC GRADES (ASTM A240 Requirements)

ELEMENTS	T304	T304L	T316	T316L	T321
(C) Carbon, max.	0.080%	0.030%	0.080%	0.030%	0.080%
(Mn) Manganese, max.	2.000	2.000	2.000	2.000	2.000
(P) Phosphorus, max.	0.045	0.045	0.045	0.045	0.045
(S) Sulphur, max.	0.030	0.030	0.030	0.030	0.030
(Si) Silicon, max.	0.750	0.750	0.750	0.750	0.750
(Cr) Chromium	18.00-20.00	18.00-20.00	16.00-18.00	16.00-18.00	17.00-19.00
(Ni) Nickel	8.00-10.50	8.00-12.00	10.00-14.00	10.00-14.00	9.00-12.00
Other Elements	(N) 0.10 max.	(N) 0.10 max.	(Mo) 2.00-3.00 (N) 0.10 max.	(Mo) 2.00-3.00 (N) 0.10 max.	(Ti) 5 x (C+N) min; 0.070 max. (N) 0.10 max.

FERRITIC GRADES

ELEMENTS	T409	T439	T441HP (Typical %)	AK Steel 18CRCB	AK Steel 18SR	Allegheny Ludlum AL29-4C
(C) Carbon, max.	0.030	0.030	0.009	0.030	0.100	0.020
(Mn) Manganese, max.	1.00	1.00	0.35	1.00	1.00	0.50
(P) Phosphorus, max.	0.040	0.040	0.023	0.040	0.045	0.030
(S) Sulphur, max.	0.020	0.030	0.002	0.030	0.045	0.010
(Si) Silicon, max.	1.00	1.00	0.34	1.00	0.50-1.40	0.35
(Cr) Chromium	10.50-11.70	17.00-19.00	18.00	17.50-19.50	18.00-19.00	29.00
(Ni) Nickel	0.50 max.	.050 max.	0.30	1.00 max.	1.00 max.	0.30
Other Elements	(Ti) 6x C+N (min.) .050 max; Cb 0.17 (N) 0.030	(Ti) 0.20 + 4 (C +N) min. 1.10 max. (Al) 0.15 (N) 0.030	(Ti) 0.29 (Cb) 0.71 (N) 0.030 (Al) 0.05	(Ti) 0.10-0.50 (Nb) 0.30-0.90	(Al) 1.60-2.70 (Ti) .15-.80	(Mo) 4.00 (N) 0.02 (Nb) 0.20 (Co) 0.030 Iron Balance

Values shown are typical; contact United Industries for special compositions or specific details. Chemical composition percentages on other types available on request. The above information was correct at the time of publication and is subject to change without notice.

ISO/TS19649:2002 Registered Quality Management System



United Industries, Inc.
1546 Henry Avenue
Beloit, Wisconsin, 53511
Phone: 608-365-8891
Fax: 608-365-1259
www.unitedindustries.com

United Stainless, Inc.
95 Lakeview Drive
Selmer, Tennessee 38375