





Standard Stainless Bar Stock List

SIZE	T-304	T-304L	T316L	WT / FT	WT 12' / BAR
1/8 x 1/2	x	x	x	.210	2.520
1/8 x 3/4	x	x	x	.315	3.780
1/8 x 1	x	x	x	.420	5.040
1/8 x 1 1/4	x	x	x	.525	6.300
1/8 x 1 1/2	x	x	x	.630	7.560
1/8 x 1 3/4	x	-	-	.735	8.820
1/8 x 2	x	x	x	.840	10.080
1/8 x 2 1/4	x	-	-	.945	11.340
1/8 x 2 3/8	x	-	-	.9975	11.970
1/8 x 2 1/2	x	x	x	1.050	12.600
1/8 x 3	x	x	x	1.260	15.120
1/8 x 3 1/2	x	x	x	1.470	17.640
1/8 x 4	x	x	x	1.680	20.160
1/8 x 5	x	-	-	2.100	25.200
1/8 x 6	x	x	x	2.520	30.240
1/8 x 8	x	-	x	3.36	40.320
3/16 x 1/2	x	x	x	.357	4.290
3/16 x 3/4	x	x	x	.536	6.435
3/16 x 1	x	x	x	.715	8.580
3/16 x 1 1/4	x	x	x	.894	10.725
3/16 x 1 1/2	x	x	x	1.073	12.870
3/16 x 1 3/4	x	x	x	1.251	15.015
3/16 x 2	x	x	x	1.430	17.160
3/16 x 2 1/2	x	x	x	1.788	21.450
3/16 x 2 3/4	x	-	-	1.966	23.595
3/16 x 3	x	x	x	2.145	25.740
3/16 x 3 1/2	x	x	x	2.503	30.030
3/16 x 4	x	x	x	2.860	34.320
3/16 x 4 1/2	x	-	-	3.128	38.610
3/16 x 5	x	x	x	3.575	42.900
3/16 x 6	x	x	x	4.290	51.480
3/16 x 8	x	-	x	5.720	68.640
1/4 x 1/2	x	x	x	.465	5.580
1/4 x 3/4	x	x	x	.698	8.370
1/4 x 1	x	x	x	.930	11.160
1/4 x 1 1/8	x	-	-	1.046	12.555
1/4 x 1 1/4	x	x	x	1.163	13.950
1/4 x 1 1/2	x	x	x	1.395	16.740
1/4 x 1 3/4	x	x	x	1.628	19.530
1/4 x 2	x	x	x	1.860	22.320
1/4 x 2 1/4	x	x	x	2.093	25.110
1/4 x 2 1/2	x	x	x	2.325	27.900
1/4 x 2 3/4	x	-	-	2.558	30.690
1/4 x 3	x	x	x	2.790	33.480
1/4 x 3 1/4	x	-	-	3.023	36.270
1/4 x 3 1/2	x	x	x	3.255	39.060
1/4 x 4	x	x	x	3.720	44.640
1/4 x 4 1/2	x	x	x	4.185	50.220
1/4 x 5	x	x	x	4.650	55.800
1/4 x 5 1/2	x	-	-	5.115	61.380
1/4 x 6	x	x	x	5.580	66.960
1/4 x 7	x	-	-	6.510	78.120
1/4 x 8	x	-	-	7.440	89.280

SIZE	T-304	T-304L	T316L	WT / FT	WT 12' / BAR
5/16 x 1	x	-	-	1.146	13.746
5/16 x 1 1/4	x	-	-	1.433	17.190
5/16 x 1 1/2	x	-	-	1.718	20.619
5/16 x 2	x	-	-	2.291	27.492
5/16 x 2 1/2	x	-	-	2.865	34.380
5/16 x 3	x	-	-	3.437	41.238
5/16 x 4	x	-	-	4.582	54.984
5/16 x 5	x	-	-	5.728	68.730
5/16 x 6	x	-	-	6.837	82.476
5/16 x 8	x	-	-	9.164	109.968
3/8 x 3/4	x	x	x	1.031	12.373
3/8 x 1	x	x	x	1.375	16.500
3/8 x 1 1/8	x	-	-	1.547	18.563
3/8 x 1 1/4	x	x	x	1.719	20.625
3/8 x 1 1/2	x	x	x	2.063	24.750
3/8 x 1 3/4	x	x	x	2.406	28.875
3/8 x 2	x	x	x	2.750	33.000
3/8 x 2 1/4	x	x	x	3.094	37.125
3/8 x 2 1/2	x	x	x	3.438	41.250
3/8 x 3	x	x	x	4.125	49.500
3/8 x 3 1/4	x	x	x	4.469	53.625
3/8 x 3 1/2	x	x	x	4.813	57.750
3/8 x 4	x	x	x	5.500	66.000
3/8 x 4 1/2	x	x	x	6.188	74.250
3/8 x 5	x	x	x	6.875	82.500
3/8 x 5 1/2	x	-	-	7.563	90.750
3/8 x 6	x	x	x	8.250	99.000
3/8 x 8	x	-	-	11.000	131.000
1/2 x 1	x	x	x	1.805	21.660
1/2 x 1 1/4	x	x	x	2.256	27.075
1/2 x 1 1/2	x	x	x	2.708	32.490
1/2 x 1 3/4	x	x	x	3.159	37.905
1/2 x 2	x	x	x	3.610	43.320
1/2 x 2 1/4	x	x	x	4.061	48.735
1/2 x 2 1/2	x	x	x	4.513	54.150
1/2 x 3	x	x	x	5.415	64.980
1/2 x 3 1/2	x	x	x	6.318	75.810
1/2 x 4	x	x	x	7.220	86.640
1/2 x 4 1/2	x	x	x	8.123	97.470
1/2 x 5	x	x	x	9.025	108.300
1/2 x 5 1/2	x	x	-	9.928	119.130
1/2 x 6	x	x	x	10.830	129.960
1/2 x 6 1/2	x	-	-	11.733	140.790
1/2 x 8	x	-	-	14.440	173.280

Special lengths, widths and tolerances available.

1 800 634 1903

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SHEET THICKNESS TOLERANCES

Gage No.	Hot Rolled, HR P&O, Cold Rolled				Galvanized		
4	.224	.217 .232		9.375			
5	.209	.202 .218		8.750			
6	.194	.186 .203		8.125			
7	.179	.187 .171	.187 .171	7.500			
8	.164	.172 .156	.172 .156	6.875	.168	.177 .159	7.031
9	.149	.157 .141	.149 .141	6.250	.153	.162 .142	6.406
10	.134	.142 .126	.140 .128	5.625	.138	.147 .129	5.781
11	.120	.128 .112	.126 .114	5.000	.123	.132 .114	5.156
12	.105	.113 .097	.111 .099	4.375	.108	.117 .099	4.531
13	.090	.097 .083	.095 .085	3.750	.093	.101 .085	3.906
14	.075	.082 .068	.080 .070	3.125	.079	.087 .071	3.281
15	.067	.074 .060	.072 .062	2.812	.071	.077 .065	2.969
16	.060	.067 .053	.065 .055	2.500	.064	.070 .058	2.656
17	.054	.060 .048	.058 .050	2.250	.058	.063 .053	2.406
18	.048	.054 .042	.052 .044	2.000	.052	.057 .047	2.156
19	.042		.048 .038	1.750	.046	.051 .039	1.906
20	.036		.039 .033	1.500	.040	.044 .036	1.658
21	.033		.036 .030	1.375	.037	.041 .033	1.531
22	.030		.033 .027	1.250	.034	.038 .030	1.406
23	.027		.030 .033	1.125	.031	.035 .027	1.281
24	.024		.027 .030	1.000	.028	.032 .024	1.156
25	.021		.024 .018	.875	.025	.029 .021	1.031

DECIMAL EQUIVALENTS

1/64	0.0156	33/64	0.5156
1/32	0.03125	17/32	0.53125
3/64	0.0469	35/64	0.5469
1/16	0.0625	9/16	0.5625
5/64	0.0781	37/64	0.5781
3/32	0.09375	19/32	0.59375
7/64	0.1094	39/64	0.6094
1/8	0.1250	5/8	0.6250
9/64	0.1406	41/64	0.6406
5/32	0.15625	21/32	0.65625
11/64	0.1719	43/64	0.6719
3/16	0.1875	11/16	0.6875
13/64	0.2031	45/64	0.7031
7/32	0.21875	23/32	0.71875
15/64	0.2344	47/64	0.7344
1/4	0.2500	3/4	0.7500
17/64	0.2656	49/64	0.7656
9/32	0.28125	25/32	0.78125
19/64	0.2969	51/64	0.7969
5/16	0.3125	13/16	0.8125
21/64	0.3281	53/64	0.8281
11/32	0.34375	27/32	0.84375
23/64	0.3594	55/64	0.8594
3/8	0.3750	7/8	0.8750
25/64	0.3906	57/64	0.8906
13/32	0.40625	29/32	0.90625
27/64	0.4219	59/64	0.9219
7/16	0.4375	15/16	0.9375
29/64	0.4531	61/64	0.9531
15/32	0.46875	31/32	0.96875
31/64	0.4844	63/64	0.9844
1/2	0.5000	1	1.000

TEST REPORT CERTIFICATION

Applicable to Thicknesses - 1/8, 3/16, 1/4, 5/16, 3/8, 1/2
Measurement values for the following elements Carbon (C), Manganese (Mn), Phosphorus (P), Sulfur (S),
Silicon (Si), Nickel (Ni), Chromium (Cr), Molybdenum (Mo), Copper (Cu), Nitrogen (N), Cobalt (Co)

- Country of melt and manufacturing
- EN 10204 3.1
- ASTM A 240 (and Latest Revision Date)
- ASME SA 240 (and Latest Revision Date)
- ASTM A 276 (and Latest Revision Date) (Chem. only) Condition A- C/M
- ASTM A 480 (and Latest Revision Date)
- ASME SA 480 (and Latest Revision Date)
- ASTM A 484-85 MO & CU (and Latest Revision Date)
- ASTM A 479 (and Latest Revision Date) Plus S2.1 C/M
- ASME SA 479 (and Latest Revision Date) Addenda, Plus S2.1 C/M
- QQS 763-F Condition A
- AMS-QQ-S-763
- Statement: Minimum Solution Annealing Temperature 1900 Degrees F
- Statement: No Weld Repair Performed-Including No Welding With Filler Metal
- Statement: NAFTA YES
- Statement: ROHS Compliant
- Intergranular Corrosion Shall Be In Accordance With ASTM A 262 (and Latest Revision Date), Practice E (Must Be Stated On Test Report)
- Statement: Material Is Free Of Mercury Contamination
- Reduction of Area (Exception 1/8 inch Gauge Not Required)
- All Specs To Read Latest Revisions Dates
- AMS 5507E (and Latest Revision Date) For 316L
- AMS 5524H (and Latest Revision Date) For 316

FINISHED STAINLESS STEEL BAR TOLERANCES

Squareness	Specified Thickness	Gauge Tolerances	Any Width	
.0625	1/8" (.125)	+ .005 - .010 (.130/.115)	+.020 / -.010 1/2" or 3/4" wide Sheared Only	
.016	1/8" (.125)	+ .005 - .010 (.130/.115)	+/- .010 Slit	+ .015/- .010 Sheared
.016	3/16" (.187)	+ .020 - .010 (.2075/.1775)	+/- .015 Slit	+/- .031 Sheared
.125	1/4" (.250)	+ .020 - .010 (.270/.240)	+/- .020 Slit	+/- .031 Sheared
.125	5/16" (.312)	+ .025 - .010 (.337-.302)	+/- .025 Slit	+/- .063 Sheared
.250	3/8" (.375)	+ .060 - .010 (.435/.365)	+/- .063 Sheared Only	
.250	1/2" (.500)	+ .060 - .010 (.560/.490)	+ .094 - .032 Sheared Only	

Minimums may apply on certain products

Length Tolerance from Coil Products: -0 / +.250
 Length Tolerance for Sheared Products: -0 / +1.00
 Camber (Straightness) Tolerance: 1/8" in 5 Ft.
 No Published Flatness Tolerance.

Non-Stock items. Please inquire.



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