

STAINLESS STEEL

GUIDE TO SELECTION

303

Excellent free machining characteristics suited for automatic screw machines. Type 303 has a machinability rated at approximately 60% compared to C-1212 Carbon Steel rated 100%.

304

General Purpose Alloy - High resistance to corrosion. Welds, forms - suitable for restaurant equipment. Type 304 is recommended for welded construction of lighter sections where annealing is not practical.

304 L

Same as 304 - except lower carbon.

316

One of the highest corrosion resistant alloys, forms and welds; suitable for chemical tanks, photographic processing equipment.

316 L

Same as 316 - except lower carbon.

STAINLESS STEEL SQUARES

12 Ft. Random Length



<i>Size in Inches</i>	<i>Lbs./Ft.</i>	<i>Type</i>		
		<i>303</i>	<i>304</i>	<i>316</i>
3/16	.12	X		
1/4	.21		X	X
3/8	.48		X	X
1/2	.85		X	X
5/8	1.33		X	X
3/4	1.91		X	X
1	3.40		X	
1 1/4	5.31		X	
1 1/2	7.65		X	
2			X	

Looking for a specific material, grade, or size that's not listed in our Material Selection Guide? Call and inquire!

STAINLESS STEEL ROUNDS

12 Ft. Random Length



Size in Inches	Lbs./Ft.	Type		
		303	304/304L	316/316L
1/8	.04	X	X	X
5/32	.07	X	X	
3/16	.09	X	X	X
1/4	.17	X	X	X
5/16	.26	X	X	X
3/8	.38	X	X	X
7/16	.51	X	X	
1/2	.67	X	X	X
9/16	.85	X	X	
5/8	1.04	X	X	X
3/4	1.50	X	X	X
7/8	2.04	X	X	X
1	2.67	X	X	X
1 1/16	3.01		X	
1 1/8	3.38		X	
1 3/16	3.77	X	X	
1 1/4	4.17	X	X	X
1 5/16	4.60		X	
1 3/8	5.05	X	X	
1 7/16	5.52	X	X	
1 1/2	6.01	X	X	X
1 5/8	7.05		X	
1 3/4	8.17		X	
1 7/8	9.33	X		
1 15/16	10.02		X	
2	10.68	X	X	X
2 1/8	12.06	X		
2 1/4	13.52		X	
2 1/2	16.69	X	X	
3	24.03		X	
3 1/2	32.71		X	
4	42.73		X	
4 1/2	54.07			X
5	66.76		X	
6	96.13		X	
7	130.90		X	

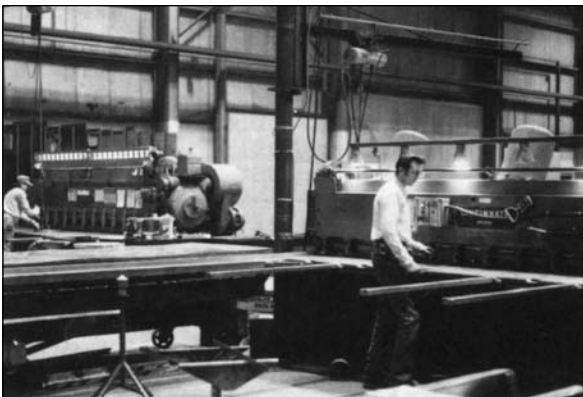
If you don't see what you need,
give us a call!
Other grades and sizes are available.

STAINLESS STEEL FLATS

Type 304 12 Ft. Random Length



<i>Size in Inches</i>			<i>Lbs./Ft.</i>	<i>Size in Inches</i>			<i>Lbs./Ft.</i>
1/8	x	1/2	.21	3/8	x	3/4	.96
		5/8	.27			1	1.28
		3/4	.32			1 1/4	1.58
		1	.43			1 1/2	1.92
		1 1/4	.53			2	2.55
		1 1/2	.64			2 1/2	3.19
		2	.85			3	3.82
		2 1/2	1.06			4	5.10
		3	1.27			6	7.64
3/16	x	3/4	.48	1/2	x	3/4	1.27
		1	.64			1	1.70
		1 1/4	.80			1 1/4	2.14
		1 1/2	.96			1 1/2	2.55
		2	1.28			1 3/4	2.97
		2 1/2	1.60			2	3.40
		3	1.91			2 1/2	4.25
		4	2.56			3	5.10
						4	6.80
1/4	x	1/2	.43			6	10.20
		3/4	.64			8	13.60
		1	.85				
		1 1/4	1.07				
		1 1/2	1.28				
		1 3/4	1.48				
		2	1.70				
		2 1/2	2.13				
		3	2.55				
		4	3.40				
		6	5.08				



STAINLESS STEEL ANGLES

Type 304 18/22 Ft. Random Length

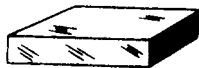


<i>Size in Inches</i>					<i>Lbs./Ft.</i>
3/4	x	3/4	x	1/8	.59
1	x	1	x	1/8	.80
1	x	1	x	3/16	1.16
1	x	1	x	1/4	1.49
1 1/4	x	1 1/4	x	1/8	1.01
1 1/4	x	1 1/4	x	3/16	1.48
1 1/4	x	1 1/4	x	1/4	2.02
1 1/2	x	1 1/2	x	1/8	1.23
1 1/2	x	1 1/2	x	3/16	1.80
1 1/2	x	1 1/2	x	1/4	2.34
2	x	2	x	1/8	1.65
2	x	2	x	3/16	2.44
2	x	2	x	1/4	3.19
2 1/2	x	2 1/2	x	3/16	3.07
2 1/2	x	2 1/2	x	1/4	4.10
3	x	3	x	1/4	4.90
3	x	3	x	3/8	7.20
4	x	4	x	1/4	6.60
4	x	4	x	3/8	9.80



STAINLESS STEEL PLATES

Type 304L & 316L



<i>Thickness in Inches</i>	<i>Size in Inches</i>	<i>Lbs./Sq. Ft.</i>
3/16	48 x 240	8.57
1/4	48 x 240	11.16
5/16	48 x 144	13.75
3/8	48 x 240	16.49
1/2	48 x 240	21.66
5/8	48 x 96	26.83
3/4	48 x 96	32.12
1	48 x 96	42.67

Note: Check for availability of additional sizes when ordering.

Stainless Steel Sheet & Plate Processing Services

- Miter Cutting
- Shearing
- Plasma Cutting
- Laser Cutting
- Waterjet Cutting
- Forming & Bending
- Welding
- Fabrication

Note: See Equipment and Services on pages 66-68 for details.

STAINLESS STEEL SHEETS

Type 304-2B OR 304L



<i>Gauge</i>	<i>Decimal</i>	<i>Size in Inches</i>	<i>Lbs./ Sq. Ft.</i>	<i>304 #3 or #4 Finish</i>	<i>316/ 316L 2B</i>	<i>304/ 304L 2B</i>
7	(.187)	48 x 144	7.87			X
8	(.165)	48 x 96	6.93			X
10	(.135)	48 x 96	5.67			X
		48 x 120			X	X
		60 x 144				X
11	(.120)	36 x 96	5.04			X
		48 x 96		X		X
		48 x 120		X	X	X
		48 x 144				X
		60 x 120				X
		60 x 144				X
12	(.105)	48 x 96	4.43			X
		48 x 120			X	X
		48 x 144				X
		60 x 120				X
13	(.090)	36 x 120	3.78			X
		48 x 96				X
		48 x 120				X
14	(.075)	36 x 96	3.15			X
		48 x 96		X		X
		48 x 120		X		X
		60 x 144				X
16	(.059)	48 x 96	2.52			X
		48 x 120		X	X	X
		48 x 144				X
		60 x 120				X
		60 x 144				X
18	(.048)	36 x 120	2.02			X
		48 x 96		X		X
		48 x 120		X		X
20	(.036)	48 x 96	1.51			X
		48 x 120		X		X
22	(.030)	48 x 96	1.26	X		X
		48 x 120		X		
24	(.024)	48 x 120	1.01	X		X
26	(.018)	36 x 120	.75			X
		48 x 96				X
		48 x 120				X