

STAINLESS STEEL GUIDE

STAINLESS STEEL STRIP

THICKNESS TOLERANCES				WIDTH TOLERANCES			
ORDERED DECIMAL THICKNESS (INCHES)	WIDTH (INCHES)			NO. 3 SLIT EDGE			
	3/16" TO 6" INCL. +/-	OVER 6" TO 12" INCL. +/-	OVER 12" TO 23-15/16" INCL. +/-	WIDTH (INCHES)		THICKNESS (INCHES)	
						.069 TO .100	UNDER .069
0.0690 to 0.0800	0.0030	0.0040	0.0040	Under .500 to .187	incl. +/-	0.008	0.005
0.0500 to 0.0689	0.0020	0.0030	0.0030	.500 to 6	incl. +/-	0.008	0.005
0.0400 to 0.0499	0.0020	0.0030	0.0030	Over 6 to 9	incl. +/-	0.010	0.005
0.0350 to 0.0399	0.0020	0.0020	0.0020	Over 9 to 12	incl. +/-	0.010	0.010
0.0290 to 0.0349	0.0015	0.0020	0.0020	Over 12 to 20	incl. +/-	0.016	0.016
0.0200 to 0.0289	0.0015	0.0015	0.0015	Over 20 to 23.999	incl. +/-	0.020	0.020
0.0170 to 0.0199	0.0010	0.0015	0.0015	CAMBER TOLERANCES			
0.0130 to 0.0169	0.0010	0.0015	0.0015	Up to and including 1-1/2" wide.....1/2" in any 8 ft. length			
0.0110 to 0.0129	0.0010	0.0010	0.0015	Over 1-1/2" to 24" exclusive.....1/4" in any 8 ft. length			
0.0100 to 0.0109	0.0010	0.0010	0.0015	Camber to be determined by placing a 8 foot straight edge against the concave edge of the strip			
0.0050 to 0.0099	10%	10%	10%				

Automatic Gauge Control (AGC) equipment allows closer tolerances than those published above. Contact one of our offices with your specific requirements.

STAINLESS STEEL SHEET

THICKNESS TOLERANCES				WIDTH AND LENGTH TOLERANCES				
GAUGE NUMBER (*)	NOMINAL DECIMAL RANGE (INCHES)	NOMINAL DECIMAL (INCHES)	PLUS / MINUS (INCHES)	THICKNESS (INCHES)	WIDTH (INCHES)	LENGTH (INCHES)	TOLERANCES (INCHES)	
							WIDTH	LENGTH
14	.072 - .0829	0.0750	0.0040	Under .1874	To 48 incl.	To 120 incl.	+1/16 - 000	+ 1/4 - 000
15	.065 - .0719	0.0680	0.0030	Under .1874	To 48 incl.	Over 120	+1/16 - 000	+ 1/2 - 000
16	.058 - .0649	0.0600	0.0030	CAMBER TOLERANCES				
17	.052 - .0579	0.0550	0.0030	Specified (Inches)		Variation in Inches Per Unit Length of 8 Feet		
18	.046 - .0519	0.0550	0.0030	*24 to 36 incl.		0.1250		
19	.040 - .0459	0.0480	0.0030	Over 36		0.0938		
20	.035 - .0399	0.0400	0.0030	Camber is the greatest deviation of a side edge from a straight line, the measurement being taken on the concave side with a straight edge.				
21	.032 - .0349	0.0360	0.0020	STANDARD TOLERANCES				
22	.029 - .0319	0.0320	0.0020	THICKNESS	WIDTH	LENGTH	FLATNESS TOLERANCES*	FLATNESS TOLERANCES*
23	.026 - .0289	0.0300	0.0020	inches	inches	inches	inches	inches
24	.023 - .0259	0.0280	0.0020	ANNEALED – not including dead soft			Stretcher Leveled	Roller Leveled
25	.020 - .0229	0.024	0.0015	Under 3/16	24 - 48	to 96 incl.	1/8	–
26	.018 - .0199	0.020	0.0015	Under 3/16	24 - 48	over 96	1/4	–
27	.016 - .0179	0.018	0.0015	.062 and Over	24 - 48			1/2
28	.015 - .0159	0.016	0.0015	Under .062	24 - 48	Any	N/A	1/2
29	.013 - .0149	0.015	0.0015		Over 36			3/4
30	.011 - .0129	0.013	0.0015	TEMPERED – 2xx and 3xx series			1/4 Hard	1/2 Hard
	.005 - .0109		10%	Over .030			1	1-1/8
				.016-.030	36 - 48	Any	3/4	1-1/8
				Under .016			5/8	1
				Over .030			3/4	7/8
				.016-.030	24 - 36	Any	5/8	7/8
				Under .016			1/2	3/4
				TEMPERED – 2xx and 3xx series			3/4 Hard	Full Hard
				All	Any	Any	None Published	

(*) All orders will be entered and produced to a nominal decimal thickness

***FLATNESS TOLERANCE: Maximum deviation from a horizontal flat surface. Tension Leveler flatness tolerances available upon request.**