

ALUMINUM STAIR TREADS

Standard Tread Widths¹

No. of Bearing Bars	Width (includes nosing)			DIM "A"
	SR & ADT Series	SI Series	Plank Series	
5	6-3/16"	6-1/4"	6-3/8"	2-1/2"
6	7-3/8"	7-7/16"	7-1/4"	4-1/2"
7	8-9/16"	8-5/8"	8-3/4"	4-1/2"
8	9-3/4"	9-13/16"	9-15/16"	7"
9	10-15/16"	11"	11-1/8"	7"
10	12-1/8"	12-3/16"	12-3/8"	7"

Carrier Plate Dimensions

Grating Depth	DIM "B"	DIM "C"
1"	2-1/4"	3"
1-1/4"	2-1/4"	3"
1-1/2"	2-1/4"	3"
1-3/4"	2-1/4"	3"
2"	3-1/4"	4"
2-1/4"	3-1/4"	4"
2-1/2"	3-1/4"	4"

Max Plank Tread Length²

Grating Depth	Plank Grating
1"	30"
1-1/4"	36"
1-1/2"	44"
1-3/4"	53"
2"	63"
2-1/4"	66"
2-1/2"	70"

Maximum Tread Length² (inches)

Bar Size (inches)	SR & ADT Series Plain Surface		SR & ADT Series Serrated Surface		SI Series Striated Surface	
	19 1-3/16" c.c.	15 15/16" c.c.	19 1-3/16" c.c.	15 15/16" c.c.	19 1-3/16" c.c.	15 15/16" c.c.
1 x 3/16	28	30	26	27		
1 x 1/4					28	30
1-1/4 x 3/16	34	37	31	33		
1-1/4 x 1/4					34	37
1-1/2 x 3/16	42	46	38	42		
1-1/2 x 1/4					42	46
1-3/4 x 3/16	51	56	46	51		
1-3/4 x 1/4					51	56
2 x 3/16	61	66	56	61		
2 x 1/4					61	66
2-1/4 x 3/16	66	66	66	66		
2-1/4 x 1/4					66	66
2-1/2 x 3/16	66	70	66	66		
2-1/2 x 1/4					66	70

1. Table of widths based on 3/16" thick Rectangular Bearing bars (1/4" I-bars) and standard 1-3/16" center-to-center bearing bar spacing.

2. Maximum tread length based on 300 lb. concentrated load on front 5" of tread at center of tread length and maximum deflection D=1/240 of length. Design treads exceeding 66" length for 300 lb. concentrated loads at 1/3 points.