

STAIR TREAD TYPES & DIMENSIONS						CARRIER PLATE TYPES & DIMENSIONS							CARRIER PLATE DIAGRAM	
SERIES NAME	PRIMARY MATERIAL	GAUGE/THICK	SURFACE PROFILE	TREAD WIDTH	CHANNEL DEPTH	CARRIER PLATES	(A)	(B)	(C)	(D)	(E)	(F)		
GRIP STRUT®	ALUMINUM	.1000"	2-DIAMOND	4-3/4"	1-1/2"	CP-PG-215	1-3/16"	4-1/2"	19/32"	2-5/8"	1-1/8"	3/4"		
					2"	CP-PG-220	1-11/16"	4-1/2"	27/32"	2-5/8"	1-1/8"	3/4"		
			3-DIAMOND	7"	1-1/2"	CP-PG-320	1-11/16"	6-3/4"	27/32"	3-3/8"	2-5/8"	3/4"		
					2"	CP-PG-415	1-3/16"	9-1/4"	19/32"	5-7/8"	2-5/8"	3/4"		
			4-DIAMOND	9-1/2"	1-1/2"	CP-PG-420	1-11/16"	9-1/4"	27/32"	5-7/8"	2-5/8"	3/4"		
					2"	CP-PG-515	1-3/16"	11-1/2"	19/32"	8-1/8"	2-5/8"	3/4"		
			5-DIAMOND	11-3/4"	1-1/2"	CP-PG-520	1-11/16"	11-1/2"	27/32"	8-1/8"	2-5/8"	3/4"		
					2"	CP-PG-215	1-3/16"	4-1/2"	19/32"	2-5/8"	1-1/8"	3/4"		
	CARBON STEEL	12	2-DIAMOND	4-3/4"	1-1/2"	CP-PG-315	1-3/16"	6-3/4"	19/32"	3-3/8"	2-5/8"	3/4"		
					2"	CP-PG-320	1-11/16"	6-3/4"	27/32"	3-3/8"	2-5/8"	3/4"		
			3-DIAMOND	7"	1-1/2"	CP-PG-415	1-3/16"	9-1/4"	19/32"	5-7/8"	2-5/8"	3/4"		
					2"	CP-PG-420	1-11/16"	9-1/4"	27/32"	5-7/8"	2-5/8"	3/4"		
			4-DIAMOND	9-1/2"	1-1/2"	CP-PG-515	1-3/16"	11-1/2"	19/32"	8-1/8"	2-5/8"	3/4"		
					2"	CP-PG-215	1-3/16"	4-1/2"	19/32"	2-5/8"	1-1/8"	3/4"		
			5-DIAMOND	11-3/4"	1-1/2"	CP-PG-315	1-3/16"	6-3/4"	19/32"	3-3/8"	2-5/8"	3/4"		
					2"	CP-PG-320	1-11/16"	6-3/4"	27/32"	3-3/8"	2-5/8"	3/4"		
	GALVANIZED STEEL	12	2-DIAMOND	4-3/4"	1-1/2"	CP-PG-415	1-3/16"	9-1/4"	19/32"	5-7/8"	2-5/8"	3/4"		
					2"	CP-PG-420	1-11/16"	9-1/4"	27/32"	5-7/8"	2-5/8"	3/4"		
			3-DIAMOND	7"	1-1/2"	CP-PG-415-N	1-3/16"	10-1/4"	19/32"	6-7/8"	2-5/8"	3/4"		
					2"	CP-PG-515	1-3/16"	11-1/2"	19/32"	8-1/8"	2-5/8"	3/4"		
4-DIAMOND			9-1/2"	1-1/2"	CP-PG-520	1-11/16"	11-1/2"	27/32"	8-1/8"	2-5/8"	3/4"			
				2"	CP-PG-215	1-3/16"	4-1/2"	19/32"	2-5/8"	1-1/8"	3/4"			
4-DIAMOND-N			10-1/2"	1-1/2"	CP-PG-315	1-3/16"	6-3/4"	19/32"	3-3/8"	2-5/8"	3/4"			
				2"	CP-PG-320	1-11/16"	6-3/4"	27/32"	3-3/8"	2-5/8"	3/4"			
5-DIAMOND	11-3/4"	1-1/2"	CP-PG-415	1-3/16"	9-1/4"	19/32"	5-7/8"	2-5/8"	3/4"					
		2"	CP-PG-420	1-11/16"	9-1/4"	27/32"	5-7/8"	2-5/8"	3/4"					
STAINLESS STEEL	16	4-DIAMOND	9-1/2"	2"	CP-PG-420	1-11/16"	9-1/4"	27/32"	5-7/8"	2-5/8"	3/4"			
				2"	CP-PG-520	1-11/16"	11-1/2"	27/32"	8-1/8"	2-5/8"	3/4"			
PERF-O GRIP® & TRACTION TREAD®	ALUMINUM	.1000"	5-HOLE; 15-ROW	10"	2"	CP-PG-1020	1-11/16"	11-5/8"	27/32"	9"	1-7/8"	3/4"	<p><b>A</b> Height of Carrier Plate  <b>B</b> Width of Carrier Plate  <b>C</b> Center of 1-3/4" x 7/16" Slot and Center of 7/16" Diameter Bolt Hole to Top and Bottom Edges of Carrier Plate  <b>D</b> Center of 1-3/4" x 7/16" Slot to Center of 7/16" Diameter Bolt Hole  <b>E</b> Center of 1-3/4" x 7/16" Slot to Nearest Outside Edge of Carrier Plate  <b>F</b> Center of 7/16" Diameter Bolt Hole to Nearest Outside Edge of Carrier Plate</p>	
			6-HOLE; 18-ROW	12"	2"	CP-PG-1220	1-11/16"	11-5/8"	27/32"	9"	1-7/8"	3/4"		
	3-HOLE; 10-ROW	7"	2"	CP-PG-720	1-11/16"	6-5/8"	27/32"	4"	1-7/8"	3/4"				
			1-1/2"	CP-PG-1015	1-3/16"	9-5/8"	19/32"	7"	1-7/8"	3/4"				
	5-HOLE; 15-ROW	10"	2"	CP-PG-1020	1-11/16"	9-5/8"	27/32"	7"	1-7/8"	3/4"				
			1-1/2"	CP-PG-1215	1-3/16"	11-5/8"	19/32"	9"	1-7/8"	3/4"				
6-HOLE; 18-ROW	12"	2"	CP-PG-1220	1-11/16"	11-5/8"	27/32"	9"	1-7/8"	3/4"					

- Carrier Plates are designed to fit into channel ends of a Plank Grating Stair Tread along the width dimension. Carrier Plates have a 2" flange on each end giving strength to the channel ends once inserted and welded in place. Assembled Plank Grating Stair Treads can be welded to structurals or may be fastened into place using heavy-duty hardware.
- To determine the dimension to the outside edge, top (flat surface), or bottom of the Plank Grating Stair Tread, add the gauge/thickness of the material to the desired Carrier Plate measurement (A, B, C, E, or F) in the chart above.
- Technical information provided is for evaluation by technically skilled persons only, with any use thereof to be at their independent discretion and risk. **McNICHOLS** shall have no responsibility or liability for results obtained or damages resulting from improper evaluation or use of Plank Grating Stair Treads and Carrier Plates.

