

STAIR TREAD TYPES & DIMENSIONS					CARRIER PLATE TYPES & DIMENSIONS							CARRIER PLATE DIAGRAM	
SERIES NAME	PRIMARY MATERIAL	GAUGE/ THICK (in)	TREAD WIDTH	CHANNEL DEPTH	PLATE TYPE	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ		
GRIP STRUT®	ALUMINUM	.1000"	4-3/4"	1-1/2"	CP-215	1-3/16"	4-7/16"	19/32"	2-5/8"	1-1/8"	3/4"		<p>TOP VIEW</p> <p>↑ Gauge/Thickness</p> <p>FRONT VIEW</p> <p>1 3/4" x 7/16" Slot 7/16" Dia. Hole</p> <p>Ⓐ Height of Carrier Plate Ⓑ Width of Carrier Plate Ⓒ Center of 1-3/4" x 7/16" Slot and Center of 7/16" Diameter Hole to Top and Bottom Edges of Carrier Plate Ⓓ Center of 1-3/4" x 7/16" Slot to Center of 7/16" Diameter Hole Ⓔ Center of 1-3/4" x 7/16" Slot to Nearest Outside Edge of Carrier Plate Ⓕ Center of 7/16" Diameter Hole to Nearest Outside Edge of Carrier Plate</p>
				2"	CP-220	1-11/16"	4-7/16"	27/32"	2-5/8"	1-1/8"	3/4"		
			7"	1-1/2"	CP-320	1-11/16"	6-11/16"	27/32"	3-3/8"	2-5/8"	3/4"		
				2"	CP-415	1-3/16"	9-1/4"	19/32"	5-7/8"	2-11/16"	3/4"		
			9-1/2"	1-1/2"	CP-420	1-11/16"	9-1/4"	27/32"	5-7/8"	2-11/16"	3/4"		
				2"	CP-515	1-3/16"	11-1/2"	19/32"	8-1/8"	2-5/8"	3/4"		
			11-3/4"	1-1/2"	CP-520	1-11/16"	11-3/8"	27/32"	8-1/8"	2-5/8"	3/4"		
				2"	CP-315	1-3/16"	6-11/16"	19/32"	3-3/8"	2-11/16"	3/4"		
	CARBON STEEL	12		4-3/4"	1-1/2"	CP-215	1-3/16"	4-7/16"	19/32"	2-5/8"	1-1/8"	3/4"	
					2"	CP-315	1-3/16"	6-11/16"	19/32"	3-3/8"	2-11/16"	3/4"	
				7"	1-1/2"	CP-320	1-13/16"	6-11/16"	29/32"	3-3/8"	2-11/16"	3/4"	
					2"	CP-415	1-3/16"	9-3/16"	19/32"	5-7/8"	2-11/16"	3/4"	
				9-1/2"	1-1/2"	CP-420	1-11/16"	9-1/4"	27/32"	5-7/8"	2-11/16"	3/4"	
					2"	CP-515	1-3/16"	11-1/2"	19/32"	8-1/8"	2-11/16"	3/4"	
				11-3/4"	1-1/2"	CP-520	1-11/16"	11-3/8"	27/32"	8-1/8"	2-11/16"	3/4"	
					2"	CP-215	1-3/16"	4-7/16"	19/32"	2-5/8"	1-1/8"	3/4"	
	GALVANIZED	12		4-3/4"	1-1/2"	CP-215	1-3/16"	4-7/16"	19/32"	2-5/8"	1-1/8"	3/4"	
					2"	CP-220	1-11/16"	4-7/16"	27/32"	2-5/8"	1-1/8"	3/4"	
				7"	1-1/2"	CP-315	1-3/16"	6-11/16"	19/32"	3-3/8"	2-5/8"	3/4"	
					2"	CP-320	1-11/16"	6-11/16"	27/32"	4"	2-1/16"	3/4"	
9-1/2"				1-1/2"	CP-415	1-11/16"	9-1/4"	27/32"	5-7/8"	2-5/8"	3/4"		
				2"	CP-420	1-11/16"	9-3/16"	27/32"	5-7/8"	2-5/8"	3/4"		
10-1/2"				1-1/2"	CP-415-N	1-3/16"	10-1/4"	19/32"	6-7/8"	2-11/16"	3/4"		
				2"	CP-515	1-3/16"	11-1/2"	19/32"	8-1/8"	2-5/8"	3/4"		
11-3/4"	1-1/2"	CP-520	1-11/16"	11-7/16"	27/32"	8-1/8"	2-11/16"	3/4"					
	2"	CP-420	1-11/16"	9-5/16"	27/32"	5-7/8"	2-3/4"	3/4"					
STAINLESS STEEL	16		9-1/2"	2"	CP-420	1-11/16"	9-5/16"	27/32"	5-7/8"	2-3/4"	3/4"		
				2"	CP-520	1-11/16"	11-5/8"	27/32"	8-1/8"	2-3/4"	3/4"		
PERF-O GRIP® & TRACTION TREAD®	ALUMINUM	.1000"	10"	2"	CP-1020	1-5/8"	9-1/2"	13/16"	7"	1-7/8"	3/4"		
			12"	2"	CP-1220	1-11/16"	11-9/16"	27/32"	9"	1-15/16"	3/4"		
	GALVANIZED	13	7"	2"	CP-720	1-11/16"	6-3/4"	27/32"	4"	2-1/16"	3/4"		
				1-1/2"	CP-1015	1-3/16"	9-1/2"	19/32"	7"	1-7/8"	3/4"		
			10"	2"	CP-1020	1-11/16"	9-9/16"	27/32"	7"	1-7/8"	3/4"		
				1-1/2"	CP-1215	1-3/16"	11-1/2"	19/32"	9"	1-7/8"	3/4"		
			12"	1-1/2"	CP-1215	1-3/16"	11-1/2"	19/32"	9"	1-7/8"	3/4"		
				2"	CP-1220	1-11/16"	11-1/2"	27/32"	9"	1-13/16"	3/4"		

- Carrier Plates are designed to fit into channel ends of a Plank Grating Stair Tread along the width dimension. Each Carrier Plate has 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 traditional 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 Stair Treads and Carrier Plates.

