

STAIR TREAD TYPES & DIMENSIONS				CARRIER PLATE TYPES & DIMENSIONS								CARRIER PLATE DIAGRAM	
SERIES NAME	SURFACE PROFILE	SURFACE WIDTH	CHANNEL DEPTH	CARRIER PLATE NO.	PRIMARY MATERIAL & GAUGE/THICK	(A)	(B)	(C)	(D)	(E)	(F)	CARRIER PLATE DIAGRAM	
GRIP STRUT®	2-DIAMOND	4-3/4"	1-1/2"	CP-PG-215	AL: .0800", .1000"; CS, GV: 14, 12	1-3/16"	4-1/2"	19/32"	2-5/8"	1-1/8"	3/4"		
			2"	CP-PG-220	AL: .0800", .1000"; GV: 14, 12	1-11/16"	4-1/2"	27/32"	2-5/8"	1-1/8"	3/4"		
	3-DIAMOND	7"	1-1/2"	CP-PG-315	CS, GV: 14, 12	1-3/16"	6-3/4"	19/32"	3-3/8"	2-5/8"	3/4"		
			2"	CP-PG-320	AL: .0800", .1000"; GV: 14, 12	1-11/16"	6-3/4"	27/32"	3-3/8"	2-5/8"	3/4"		
	4-DIAMOND	9-1/2"	1-1/2"	CP-PG-415	AL: .0800", .1000"; CS, GV: 12	1-3/16"	9-1/4"	19/32"	5-7/8"	2-5/8"	3/4"		
			2"	CP-PG-420	AL: .0800", .1000"; CS, GV: 12	1-11/16"	9-1/4"	27/32"	5-7/8"	2-5/8"	3/4"		
	5-DIAMOND	11-3/4"	1-1/2"	CP-PG-515	AL: .0800", .1000"; CS, GV: 14, 12	1-3/16"	11-1/2"	19/32"	8-1/8"	2-5/8"	3/4"		
			2"	CP-PG-520	AL: .0800", .1000"; GV: 14, 12	1-11/16"	11-1/2"	27/32"	8-1/8"	2-5/8"	3/4"		
	4-DIAMOND-N	10-1/2"	1-1/2"	CP-PG-415-N	GV: 14	1-3/16"	10-1/4"	19/32"	6-7/8"	2-5/8"	3/4"		
	PERF-O GRIP® & TRACTION TREAD®	3-HOLE; BTN-ROW	7"	2"	CP-PG-720	GV: 13, 11	1-11/16"	6-3/4"	27/32"	4"	2"		3/4"
5-HOLE; BUTTON-ROW		10"	1-1/2"	CP-PG-1015	GV: 13, 11	1-3/16"	9-5/8"	19/32"	7"	1-7/8"	3/4"		
			2"	CP-PG-1020	AL: .1250"; GV: 13	1-11/16"	9-5/8"	13/16"	7"	1-7/8"	3/4"		
6-HOLE; BUTTON-ROW		12"	1-1/2"	CP-PG-1215	GV: 13, 11	1-3/16"	11-5/8"	19/32"	9"	1-7/8"	3/4"		
			2"	CP-PG-1220	AL: .1250"	1-11/16"	11-11/16"	27/32"	9"	1-15/16"	3/4"		
GV: 13	1-11/16"	11-5/8"	27/32"	9"	1-7/8"	3/4"							
GRATE-LOCK®	ROUND-END SLOT	6"	2-1/2"	CP-PG-625	GV: 18, 14	2-1/4"	5-11/16"	1-1/8"	1-13/16"	1-15/16"	1-15/16"		
		9"	2-1/2"	CP-PG-925	GV: 18, 14	2-1/4"	8-11/16"	1-1/8"	4-13/16"	1-15/16"	1-15/16"		
		12"	2-1/2"	CP-PG-1225	GV: 18, 14	2-1/4"	11-11/16"	1-1/8"	7-13/16"	1-15/16"	1-15/16"		
HEAVY-DUTY GRIP STRUT®	2-DIAMOND	9-1/4"	2"	CP-PG-220-HD	GV: 10	1-11/16"	9"	27/32"	5-7/8"	2-3/8"	3/4"		
	3-DIAMOND	13-3/4"	2"	CP-PG-320-HD	GV: 10	1-11/16"	13-1/2"	27/32"	9-15/16"	3-9/16"	3/4"		
DIAMONDBACK®	DIA-VENTED	9"	1-1/2"	CP-PG-930	AL: .1875"	3-3/32"	9"	T: 2-11/32", B: 3/4"	6-1/2"	1-3/8"	1-1/8"		

- Carrier Plates (supplied in pairs) 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.
- The DIAMONDBACK® Carrier Plate information displayed above is compatible with McNICHOLS DIAMONDBACK® Extruded Stair Tread Planks with a 1-1/2" Depth. The Stair Tread Plank ends rest on a shelf with a 3/16" depth, 1-1/2" from the top edge of the Carrier Plate. The Tread ends are welded to the Carrier Plate shelf and to the vertically extruded legs along the width dimension of the Tread.
- Technical information provided is for evaluation by technically skilled persons, 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 related Accessories/Components.

