

PRIMARY MATERIAL	BEARING BAR SHAPE	BEARING BAR SPACING	SERIES TYPE & NAME	BEARING BAR HEIGHT	BEARING BAR THICKNESS	MAXIMUM TREAD SPAN (LENGTH)	
						SMOOTH SURFACE	SERRATED SURFACE
ALUMINUM	RECTANGULAR BAR	19-S-4 & 19-S-2	GAL-100	1"	3/16"	28"	--
			GAL-125	1-1/4"	3/16"	34"	31"
			GAL-150	1-1/2"	3/16"	42"	38"
			GAL-175	1-3/4"	3/16"	51"	46"
	I-BAR	19-SI-4 & 19-SI-2	GIA-100	1"	1/4"	28"	--
			GIA-125	1-1/4"	1/4"	34"	--
			GIA-150	1-1/2"	1/4"	42"	--
			GIA-175	1-3/4"	1/4"	51"	--
CARBON & GALV. STEEL	RECTANGULAR BAR	19-W-4 & 19-W-2	GW-75	3/4"	3/16"	28"	--
			GW-100	1"	3/16"	41"	34"
			GW-125	1-1/4"	3/16"	56"	50"
			GW-150	1-1/2"	3/16"	66"	63"

- Maximum Stair Tread spans (lengths) are based on a concentrated load of 300 lbs. on the front five inches of the span at the center. Stair Tread span measurements are based on 3/16" thick rectangular bearing bars and 1/4" thick I-Bar bearing bars. Standard bearing bar spacing (from center to center of bearing bars) is 1-3/16".
- Technical information provided is theoretical and 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 Bar Grating Stair Treads.

