

MATL, SURFACE		STEEL, SMOOTH					STEEL, SERRATED					ALUMINUM, SMOOTH			ALUMINUM, SERRATED				ALUM, GROOVED	
BAR HGT	BAR THICK	GW, GAA 1-3/16"	GHB 1-3/16"	SGW, GCC 15/16"	CMW-4 11/16"	GCM-1 7/16"	GW, GAA 1-3/16"	GHB 1-3/16"	SGW, GCC 15/16"	CMW-4 11/16"	GCM-1 7/16"	GAL, GAA, SFT 1-3/16"	GCM-4 11/16"	GCM-1 7/16"	GAL, GAA, SFT 1-3/16"	GCC 15/16"	GCM-4 11/16"	GCM-1 7/16"	GIA 1-3/16"	SGIA 15/16"
3/4"	3/16"	28"	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1"	1/8"	31"	--	36"	41"	51"	27"	--	30"	34"	45"	24"	28"	32"	21"	24"	26"	28"	--	--
	3/16"	41"	--	48"	51"	59"	34"	--	40"	45"	51"	28"	32"	36"	26"	27"	28"	32"	--	--
	1/4"	--	49"	53"	--	--	--	42"	46"	--	--	31"	--	--	27"	29"	--	--	28"	30"
1-1/4"	1/8"	43"	--	50"	56"	66"	37"	--	43"	49"	58"	30"	34"	40"	28"	30"	31"	36"	--	--
	3/16"	56"	--	61"	66"	66"	50"	--	54"	58"	66"	34"	40"	47"	31"	33"	36"	41"	--	--
	1/4"	--	63"	66"	--	--	--	56"	60"	--	--	38"	--	--	34"	37"	--	--	34"	37"
1-1/2"	1/8"	56"	--	65"	66"	66"	49"	--	58"	63"	66"	36"	42"	50"	33"	36"	38"	45"	--	--
	3/16"	66"	--	66"	66"	76"	63"	--	66"	66"	68"	42"	50"	59"	38"	42"	45"	53"	--	--
	1/4"	--	66"	67"	--	--	--	66"	66"	--	--	47"	--	--	43"	47"	--	--	42"	46"
1-3/4"	3/16"	66"	--	72"	78"	95"	66"	--	66"	71"	85"	51"	61"	66"	46"	51"	55"	66"	--	--
	1/4"	--	74"	82"	--	--	--	67"	74"	--	--	58"	--	--	52"	58"	--	--	51"	56"
2"	3/16"	78"	--	87"	95"	115"	72"	--	79"	86"	105"	61"	66"	68"	56"	61"	66"	66"	--	--
	1/4"	--	89"	99"	--	--	--	82"	91"	--	--	66"	--	--	63"	66"	--	--	61"	66"
2-1/4"	3/16"	92"	--	103"	112"	136"	85"	--	95"	103"	125"	66"	66"	80"	66"	66"	66"	74"	--	--
	1/4"	--	106"	118"	--	--	--	97"	108"	--	--	66"	--	--	66"	66"	--	--	66"	66"
2-1/2"	3/16"	107"	--	119"	130"	159"	100"	--	111"	121"	148"	66"	77"	94"	66"	66"	71	87"	--	--
	1/4"	--	123"	137"	--	--	--	114"	127"	--	--	73"	--	--	67"	75"	--	--	66"	70"

Maximum Stair Tread lengths (spans) based on a concentrated load of 300 lbs. on the front 5" of the Stair Tread at the center of the length (span) with a deflection of 1/4" or less or L/240 of length. 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 Bar Grating Stair Tread Panels.