

PRIMARY MATERIAL	ALLOY, GRADE, OR TYPE	PRODUCT FORM	GAUGE/ THICK (IN)	UP TO 36" WIDTH		+36" TO 48" WIDTH		+48" TO 60" WIDTH		+60" TO 72" WIDTH		+72" TO 84" WIDTH		+84" TO 120" WIDTH		OVER 120" WIDTH	
				COMM	SUPERIOR	COMM	SUPERIOR	COMM	SUPERIOR	COMM	SUPERIOR	COMM	SUPERIOR	COMM	SUPERIOR	COMM	SUPERIOR
ALUMINUM	ALLOY 3030-H14 & ALLOY 5052-H32	SHEET	.0120" - .0320"	5/16"	1/4"	7/16"	11/32"	9/16"	15/32"	11/16"	9/16"	--	--	--	--	--	--
			.0330" - .0630"	7/16"	11/32"	9/16"	15/32"	11/16"	9/16"	7/8"	23/32"	--	--	--	--	--	--
			.0640" - .1250"	9/16"	15/32"	11/16"	9/16"	15/16"	3/4"	1-1/8"	15/16"	--	--	--	--	--	--
			.1260" - .5000"	5/8"	9/16"	3/4"	13/16"	13/16"	3/4"	7/8"	13/16"	1"	7/8"	1-1/8"	1"	--	--
			.5010" - .7500"	11/16"	5/8"	13/16"	3/4"	3/4"	11/16"	15/16"	7/8"	1-1/16"	1"	1-1/4"	1-1/2"	--	--
CARBON STEEL	HOT ROLLED & COLD ROLLED	SHEET & PLATE	28 - 20	3/8"	5/16"	1/2"	7/16"	5/8"	1/2"	3/4"	5/8"	--	--	--	--	--	--
			19 - 16	1/2"	7/16"	5/8"	1/2"	3/4"	5/8"	1"	13/16"	--	--	--	--	--	--
			15 - 12	5/8"	1/2"	3/4"	5/8"	1"	13/16"	1-1/4"	1"	--	--	--	--	--	--
			11 - 1/4"	5/8"	1/2"	7/8"	23/32"	1-1/16"	27/32"	1-3/8"	1-1/8"	1-1/2"	1-1/4"	1-5/8"	1-3/8"	2-1/8"	1-7/8"
			5/16" - 3/8"	9/16"	15/32"	3/4"	5/8"	7/8"	23/32"	1-1/16"	27/32"	1-1/4"	1"	1-1/2"	1-1/4"	2"	1-5/8"
			7/16" - 1/2"	1/2"	7/16"	5/8"	1/2"	11/16"	9/16"	3/4"	5/8"	7/8"	23/32"	1-1/8"	7/8"	1-7/8"	1-1/4"
	HEAT TREATED (HARDNESS RANGE 185-360 BRINELL)	PLATE	UP TO 1/4"	1-5/16"	1-5/32"	1-5/8"	1-7/16"	1-7/8"	1-5/8"	2-3/8"	2"	2-1/2"	2-1/8"	2-5/8"	2-3/8"	3-1/8"	2-7/8"
			1/4" - 3/8"	1-1/4"	1-1/8"	1-7/16"	1-1/4"	1-5/8"	1-7/16"	1-7/8"	1-5/8"	2-1/4"	1-15/16"	2-1/2"	2-1/4"	3"	2-5/8"
			7/16" - 1/2"	1-1/4"	1-1/8"	1-3/8"	1-7/32"	1-7/16"	1-1/4"	1-7/16"	1-1/4"	1-5/8"	1-7/16"	2-1/8"	1-7/8"	2-7/8"	2-1/4"
GALVANIZED STEEL	GRADE 90 (G90) & HOT DIPPED	SHEET	28 - 20	3/8"	5/16"	1/2"	7/16"	5/8"	1/2"	3/4"	5/8"	--	--	--	--	--	--
			19 - 16	1/2"	7/16"	5/8"	1/2"	3/4"	5/8"	1"	13/16"	--	--	--	--	--	--
			15 - 12	5/8"	1/2"	3/4"	5/8"	1"	13/16"	1-1/4"	1"	--	--	--	--	--	--
			11 - 1/4"	5/8"	1/2"	7/8"	23/32"	1-1/16"	27/32"	1-3/8"	1-1/8"	1-1/2"	1-1/4"	1-5/8"	1-3/8"	2-1/8"	1-7/8"
			5/16" - 3/8"	9/16"	15/32"	3/4"	5/8"	7/8"	23/32"	1-1/16"	27/32"	1-1/4"	1"	1-1/2"	1-1/4"	2"	1-5/8"
			7/16" - 1/2"	1/2"	7/16"	5/8"	1/2"	11/16"	9/16"	3/4"	5/8"	7/8"	23/32"	1-1/8"	7/8"	1-7/8"	1-1/4"
			9/16" - 3/4"	7/16"	11/32"	9/16"	15/32"	5/8"	1/2"	11/16"	9/16"	3/4"	5/8"	1"	3/4"	1-1/2"	1-1/8"
STAINLESS STEEL	TYPE 304 & TYPE 316L	SHEET & PLATE	30 - 20	1/2"	7/16"	5/8"	1/2"	3/4"	5/8"	1"	13/16"	--	--	--	--	--	--
			19 - 16	5/8"	1/2"	3/4"	5/8"	1"	13/16"	1-1/4"	1"	--	--	--	--	--	--
			15 - 12	3/4"	5/8"	7/8"	23/32"	1-1/8"	15/16"	1-1/2"	1-1/4"	--	--	--	--	--	--
			11 - 1/4"	3/4"	5/8"	1"	13/16"	1-3/16"	31/32"	1-1/2"	1-1/4"	1-3/4"	1-7/16"	2"	1-3/4"	--	--
			5/16" - 3/8"	11/16"	9/16"	13/16"	21/32"	7/8"	23/32"	1"	13/16"	1-3/8"	1-1/8"	1-5/8"	1-3/8"	--	--

Commercial quality Perforated Metal is supplied unless otherwise specified. For all material types, flatness tolerances for sheets and plates with extra wide margins, blank areas required within the perforated area, very large percentages of open area, heavy gauge metal in relation to the size of the perforation, special alloys or stretcher-leveled sheets or plates, additional information is available. The maximum deviation from a horizontal flat surface is determined when the material is placed on a perfectly flat table. A ruler, which does not flatten the material, will give the degree of flatness. The measurement is determined from the highest point (or points) of the sheet or plate to the surface of the table, minus the thickness of the material. Flatness tolerances listed represent roller-leveled sheets or plates with minimum or no margins. For material 120" in length or less, the variation should not exceed the amount shown in the table above. For material with a length greater than 120", the variation in flatness for any 120" of length should not exceed the amount shown in the table. When the longer dimension is under 36", the variation in flatness along the length and across the width should not exceed 1/4" in either direction. When the longer dimension is between 36" and 72", the flatness variation should not exceed 75% of the amount shown for the specified width, but no less than 1/4". Margins within a sheet or plate usually increase the maximum deviation. 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 Perforated Metal.