

Y2310-20050121

STEEL PLATE THICKNESS ALLOWANCE

PLATE THICKNESS ALLOWANCE WHEN ORDER TO WEIGHT
GAUGE SHALL BE IN ACCORDANCE WITH APPENDIX A (24645)
TABLE IV OF NAVSEA TECHNICAL PULICATION
T9074-BD-GIB-010/0300.

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APPENDIX A (24645)

Table IV. Allowable Variation in Weight and Gauge for Plates Specified on a Weight Basis (Applicable to Single Plates)

Allowable under gauge at edge for widths given, inches (mm)

Specified weight lb/ft ² [kg/m ²] {thickness, inch (mm)}	Up to 66 (1676) inclusive Percent	Over 66 (1676) to 80 (2032) inclusive Percent	Over 80 (2032) to 90 (2286) inclusive Percent	Over 90 (2286) to 100 (2540) inclusive Percent	Over 100 (2540) to 115 (2921) inclusive Percent	Over 115 (2921) to 135 (3429) inclusive Percent	Over 135 (3429) to 150 (3810) inclusive Percent	Over 150 (3810) to 168 (4267) inclusive Percent	Over 168 (4267) Percent
To 20.4 [100] exclusive {1/2 (13)}	6	6	8	8	8	8	8	8	8
20.4 [100] to 25.5 [125] exclusive {1/2 (13) to 5/8 (15.8)}	3.5	4	4.5	5	5.5	6.5	6.5	6.5	6.5
25.5 [125] to 30.6 [150] exclusive {5/8 (15.8) to 3/4 (19)}	3.5	4	4.5	5	5.5	6	6	6	6
30.6 [150]	3	3	3.5	4	4	4.5	5	5.5	6

to 40.8 [199] exclusive {3/4 (19) to 1 (25)}									
40.8 [199] and over {1 (25)}	3	3	3	3	3	3.5	4	4.5	5

Allowable weight tolerance for widths given, inches (mm)

Specified weight lb/ft ² [kg/m ²] {thickness, inch (mm)}	Up to 150 (3810) inclusive		Over 150 (3810) to 168 (4267)		inclusive Over 168 (4267)	
	Percent		Percent		Percent	
	Over	Under	Over	Under	Over	Under
To 20.4 [100] exclusive {1/2 (13)}	8	10	---	---	---	---
20.4 [100] to 25.5 [125] exclusive {1/2 (13) to 5/8 (15.8)}	2	4	---	---	---	---
25.5 [125] to 30.6 [150] exclusive {5/8 (15.8) to 3/4 (19)}	2	4	---	---	---	---
30.6 [150] to 40.8 [199] exclusive {3/4 (19) to 1 (25)}	2	3.5	3	4	3	4
40.8 [199] and over	2	3	2	3	3	4

{1 (25)}						
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