



Fabricated Glass Specialties, inc.

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Tempering Bow Allowance Specifications In regards to ASTM Standards

Length of edge	<u>Nominal Glass Thickness</u>					
	<u>1/8" - 3/16"</u>	<u>7/32"</u>	<u>1/4"</u>	<u>5/16"</u>	<u>3/8"</u>	<u>1/2—7/8"</u>
0—18"	1/8"	3/32"	1/16"	1/16"	1/16"	1/16"
18—36"	3/16"	5/32"	1/8"	3/32"	3/32"	1/16"
36—48"	9/32"	7/32"	3/16"	5/32"	1/8"	3/32"
48—60"	3/8"	5/16"	9/32"	7/32"	3/16"	1/8"
60—72"	1/2"	7/16"	3/8"	9/32"	1/4"	3/16"
72—84"	5/8"	9/16"	1/2"	11/32"	5/16"	1/4"
84—96"	3/4"	11/16"	5/8"	7/16"	3/8"	9/32"
96—108"	7/8"	13/16"	3/4"	9/16"	1/2"	3/8"
108—120"	1"	15/16"	7/8"	11/16"	5/8"	1/2"
120—132"		1 1/16"	1"	13/16"	3/4"	5/8"
132—144"		1 3/16"	1 1/8"	15/16"	7/8"	3/4"
144—156"		1 5/16"	1 1/4"	1 1/16"	1"	7/8"

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This information based on ASTM Standards.

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Hole and Notch Locations Regarding Tempered Glass Products In regards to ASTM Standards

Minimum glass width	8 times the thickness of the glass
Edge of glass to nearest point of hole	
Less than 1/2" thick glass	1.5 times the thickness of the glass.
Greater than 1/2" thick glass	2 times the thickness of the glass.
Edge of corner to nearest point of hole	6.5 times the thickness of the glass.
Dimensions of holes	
Minimum Diameter	At least 1/16" larger than the thickness of the glass.
Maximum Diameter	Not more than 1/3 the narrow dimension of the lite.
Notches and Cutouts	Must have fillets with radius equal to, or greater than thickness of glass.

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