

DIMENSIONAL TOLERANCE FOR RECTANGLE SHAPES

Factories produce glass per ASTM C1036. Below is the chart for thickness tolerances.

(Dillmeier will meet or exceed these standards)

Thickness		Thickness Range				Cut Size Length/Width		Industry Standards Cut Size Squareness D1-D2	
Designation mm	Traditional Designation	mm	in.	mm	in.	±mm	(±in.)	±mm	(±in.)
		min	max	min	max				
3	1/8 in.	2.92	3.4	0.115	0.134	1.6	(1/16)	2	(5/64)
4	5/32 in.	3.78	4.19	0.149	0.165	1.6	(1/16)	2	(5/64)
5	3/16 in.	4.57	5.05	0.18	0.199	1.6	(1/16)	2	(5/64)
6	1/4 in.	5.56	6.2	0.219	0.244	1.6	(1/16)	2	(5/64)
8	5/16 in.	7.42	8.43	0.292	0.332	2	(5/64)	2.8	(7/64)
10	3/8 in.	9.02	10.31	0.355	0.406	2.4	(3/32)	3.4	(1/8)
12	1/2 in.	11.91	13.49	0.469	0.531	3.2	(1/8)	4.5	(11/64)
16	5/8 in.	15.09	16.66	0.595	0.658	4	(5/32)	5.7	(7/32)
19	3/4 in.	18.28	19.84	0.719	0.781	4.8	(3/16)	6.8	(1/4)
22	7/8 in.	21.44	23.01	0.844	0.906	5.6	(7/32)	7.9	(19/64)
25	1 in.	24.61	26.19	0.969	1.031	6.4	(1/4)	9	(11/32)

Please Contact Dillmeier Ent. For Specific Tolerance Requests