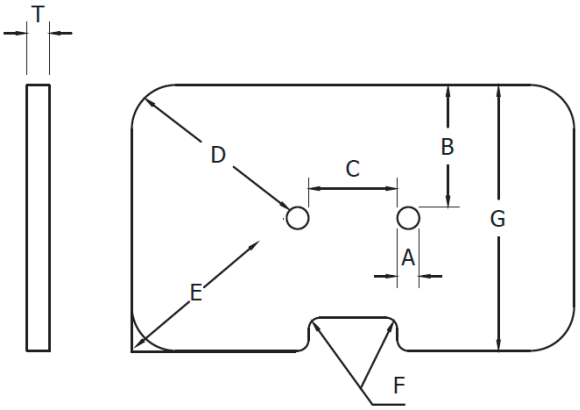
TEMPERED G-GUARD®

Tempered glass is not just stronger glass. It's glass that has been carefully engineered for safety and performance. Through a specialized thermal process, ordinary float glass is heated to over 600°C and rapidly cooled. This treatment doesn't just make the glass up to five times stronger than regular glass—it transforms how it behaves under stress. If broken, it shatters into small, blunt-edged fragments rather than sharp shards, significantly reducing the risk of injury.

Holes, Countersinks, and Notches

The guidelines for holes and notches are consistent with procedures stated in EN12150-1. Countersinks require special attention and must be reviewed with the factory prior to order entry



The following represents general guidelines for determining the minumum size and placement of holes and notches in heat-strengthened or tempered glass.

GLASS THICKNESS (mm)	4	5	6	10	12	20	GENERAL RULE
A - Diameter of Holes	6	6	6	10	12	20	A > 6 or T
B - Distance from Rim to Edge of Glass	6	10	12	20	25	38	B > 6 or 2 x T
C - Distance between Rims of Holes	10	10	12	20	25	38	C > 10 or 2 x T
D - Distance from Round Corner to Rim of Hole.	6	10	12	20	25	38	D > 6 or 2 x T
E - Distance from Corner to Rim of Hole	20	30	40	60	80	125	E > 6.5 x T
F - Minimum Fillet Radius	4	5	6	10	12	20	F > T
G - Minimum Glass Width	PLEASE CONTACT DILLIMEIER						

NOTES

Maximum diameter for holes not to exceed 1/3 the narrow dimension of a plate.

Reference EN12150-1 for additional guidelines.

Minimum glass size for squares is 200x200cm and for rectangles is 80x90cm.
This only applies to tempering. Smaller sizes are available as annealed glass.