

Glass processing-Special glass tempering

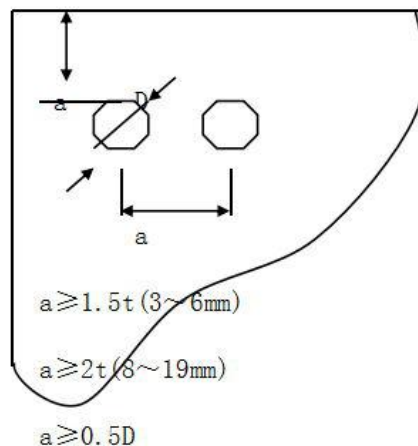
Glass factories will encounter many irregular **tempered glass** orders,for these special orders,tempering operator should pay attention to below points and ensure good tempering quality.



1.Glass with holes and notches

The holes position,diameter and notches should follow below requirement,or the glass will be easy to break during tempering process.

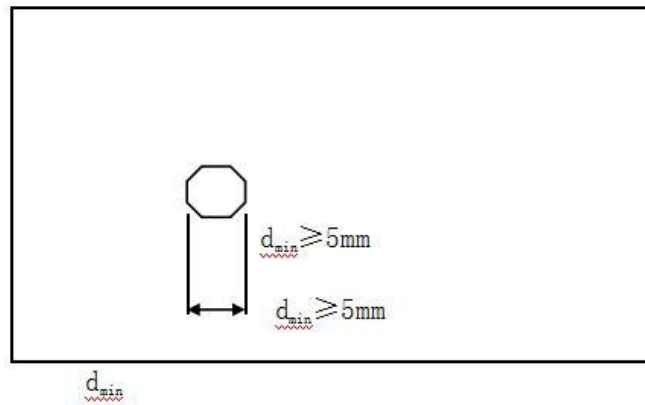
a.Distance between hole edge to glass edge should be at least 1.5 times that of glass thickness_3-6mm.



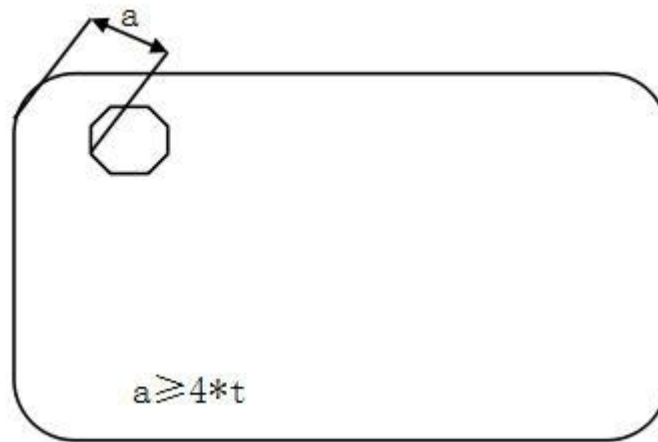
Distance between hole edge to glass edge should be at least 2 times that of glass thickness_8-19mm.

b.Glass Min width is 8 times that of glass thickness.

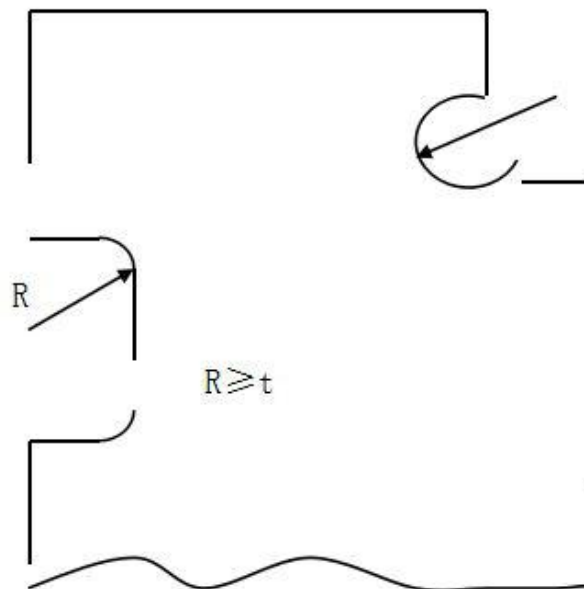
Min hole diameter is 5mm or glass thickness,Max holes diameter shouldn't be bigger than 1/3 that of glass width.



c.Min distance between glass corner and holes corner is 4 times that of glass thickness.



d.There should be round arc in Glass notches or sharp corners,and Min radius is glass thickness.



e.Heat times for Glass with notches or holes should be 2.5% longer than normal glass panels,if both holes or notches exists,heating time is 5% longer than normal glass.



QINGDAO MORN BUILDING MATERIALS CO.,LTD

Your turnkey China tempered glass/laminated glass/insulated glass supplier

2. Glass with sharp corners (<30'), heating time is 2.5% longer than normal glass and radius corners is required at glass corners.

3. Pattern glass. The pattern side position is at top and glass surface at bottom, and heating time is decided by the Max glass thickness.

4. Tinted glass: Heating time is 5% shorter than normal clear glass.

5. Coated glass-reflective glass or low e glass: The coating is at glass top and glass side at bottom during tempering process. No waters or fingerprint is allowed at glass coating. The top heating temperature is 5-10 degrees than bottom and heating time is 2.5%-10% longer.

6. Thick glass-15, 19mm glass.

The breakage possibility for thick glass tempering is much higher than normal glass.

a. Select good glass sheets, avoid bubbles, stones inside glass.

b. It's recommended to polish the thick glass before tempering to eliminate the tiny giriff.

c. Tempering temperature should be 670-675 degrees and bottom temperature is 690-700 degrees.

Morn is your turnkey **tempered glass supplier** from China, welcome contact us for more info.

Tags: **coated glass tempering, glass holes, glass notches, glass processing, glass tempering temperature, low e glass tempering, morn building materials, pattern glass, Special glass tempering, tempered glass supplier, tinted glass**

About Morn Building Materials:

Morn Building Materials Co., Ltd is trading company offering the right facade materials for a wide range of applications for architectural, design and system requirements. Cooperating with China premium glass fabricators, Morn is able to supply whatever glass products applied in facade, Spandrel, roof, handrail, partition, balustrade, canopy, greenhouse, sun room, interior exterior application.

Other facade materials: Aluminium alloy profiles, aluminium plates, aluminium windows & doors, Assa Abloy hardware, spider fitting, railing systems, shower rooms, polyurethane panels, machines & tools, steel structure, are also available since 2019.

From aesthetics, to strict environmental and energy specifications, to critical budget and delivery requirements, our input can make a difference.

Contact us:

Qingdao Morn Building Materials Co., Ltd

China HQ: Room A304, Shengxifu Road, NO.209 Weihai Road, Shibei District, Qingdao, China, 266024

Sales Email: marketing@cnmorn.com

Technical support: han@cnmorn.com

Mobile/Wechat: 0086-17705464660

Website: <https://www.cnmorn.com/>

Add: Room A304, Shengxifu Road, NO.209 Weihai Road, Shibei District, Qingdao, China, 266024 MARKETING@CNMORN.COM



QINGDAO MORN BUILDING MATERIALS CO.,LTD

Your turnkey China tempered glass/laminated glass/insulated glass supplier