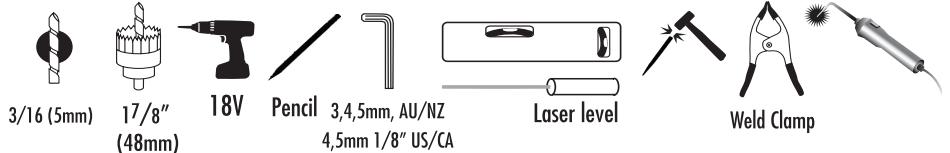


# Installation Instructions



Center Mount Models	Hole diameter	Min Post Size
<b>SM S (or W)</b>	17/8" (48mm)	2" x 2" (50 x 50mm)
<b>57 S (or W)</b>	17/8" (48mm)	2" x 2" (50 x 50mm)
<b>57SF S (or W)</b>	17/8" (48mm)	2" x 2" (50 x 50mm)
<b>108 S (or W)</b>	17/8" (48mm)	3" x 3" (75 x 75mm)
<b>108SF S (or W)</b>	17/8" (48mm)	3" x 3" (75 x 75mm)



## SCREW-ON & WELD-ON CENTER MOUNT MODELS

NOTE: For Screw-on models use #14 or #18 countersunk through-bolts or screws.

NOTE: Always install SM hinge at bottom of gate and 57 or 108 closer on top.

**1 MARKING HEIGHTS**

HINGE GAP: 2 1/2-3" (64-75mm)

Mark hinge center lines

Support Blocks

Ensure post is vertical in the front and side elevations

**2 MARK TOP & BOTTOM BRACKETS ON POST**

Laser level

Drill 17/8" (48mm) holes in post. Paint edge of holes for corrosion resistance.

NOTE: Apply corrosion protection to exposed metal surfaces.

**3 FASTEN BRACKETS**

3/16 (5mm)

**WELD-ON MODELS**

**4 ASSEMBLE HINGE TO POST BRACKET**

NOTE: Apply grease to hinge threads to help prevent water from entering post.

Rotate hinge onto Bracket.

Back-off hinge so adjustment nozzle is facing upward.

**5**

Mark pencil lines around top and bottom Gate Bracket on the gate frame.

**6**

Place the Tool in front hole for leverage.

Rotate the Bracket 90°.

Remove screws and slide Gate Bracket away from hinge.

**7**

Return SF model to this position before refitting bracket. Tighten nozzle to slow movement and use smooth edge crescent wrench.

IMPORTANT: 57/108 models: Position raised ridge horizontal to fence post.

**8**

3/16" (5mm)

Mark holes in Bracket with a pencil. Center punch, drill and fix to gate.

**WELD-ON MODELS**

Protect hinge from weld spatter.

For welding installations, general field welding operations with suitable clean up and rust protection procedures should be followed.

**9**

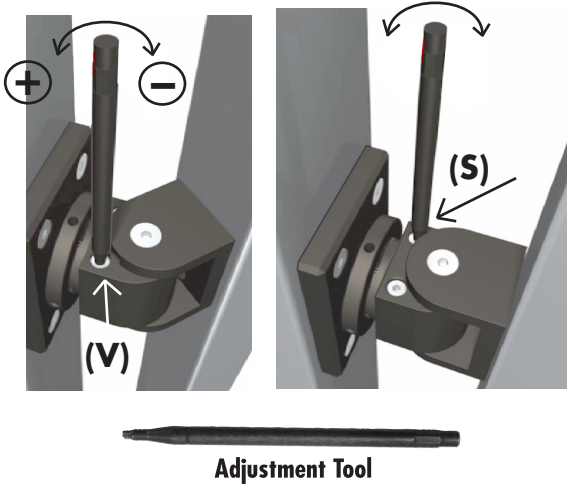
Slide gate bracket back onto 57 and 108 closer from same side of fence removed from. SF models refer to Step 7.

Fasten Top and Bottom screws.

**10**

Using the supplied tool, rotate adjustment ring for correct horizontal gap. Ensure gate is level.

## ADJUSTING THE CLOSING SPEED AND FINAL 'SNAP' ACTION (108 ONLY)



**CAUTION:** Sensitive adjustment, rotate 1/4 turn at a time.

**V=Closing Speed**

**S=Final Snap Action**

Turn nozzles clockwise to decrease speed & counterclockwise to increase speed.

If using a 57+57 or 108+108 combination, each closer must have equal closing speed at all times.



**IMPORTANT:**

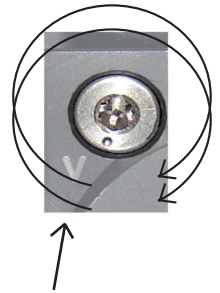
Use dimple to determine how far nozzle has turned.

**DO NOT** turn adjustment nozzles more than 2 complete rotations.

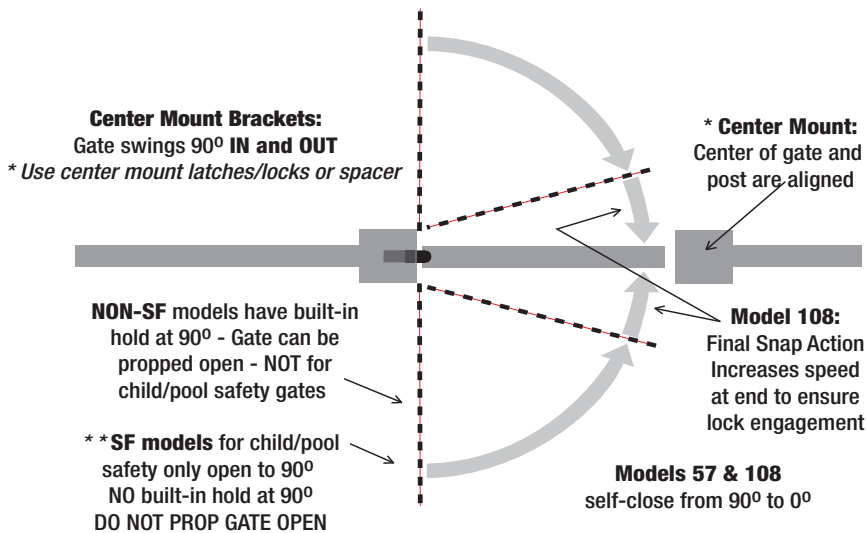
**DO NOT** unscrew nozzle past the surface of the body.

**CAUTION:**

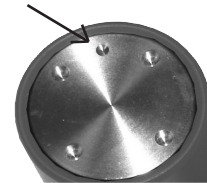
**DO NOT** remove adjustment nozzles or disassemble hinge. Doing so voids warranty.



## CENTER MOUNTING



**SF models** have 5 dimples for identification



Use 1/4" (6mm) drill bit for post bracket 7511 (#18 screws).

### MAINTENANCE REQUIREMENTS

- Never use more than two (2) SureClose hinge/closers on any one gate.
- Remove all other types of hinges and self-closing devices.
- Always install SM hinge at bottom of gate and 57 or 108 closer on top.
- Ensure the gate does not swing through the line of the fence. Use a "gate stop" or a latch (with striker) to prevent this.
- All steel mounting brackets (gate and post) should be painted or powder coated. Spray painting is recommended.
- The anodized aluminum mounting brackets do not need finishing, but they may be painted or powder coated.
- DO NOT powder coat the hinge/closer, but they may be painted.
- DO NOT unscrew nozzle past the surface of the body.
- DO NOT turn the adjustment nozzles more than two (2) full rotations.
- DO NOT remove the adjustment nozzles or disassemble these hinges at any time. Doing so voids warranty.
- Ensure the hinges are kept free of sand, ice and other debris that could impair effective operation.

### 2 YEAR LIMITED WARRANTY:

For a downloadable Adobe Acrobat (.PDF) version of our 2 YEAR LIMITED WARRANTY, go to our website at [www.ddtechglobal.com](http://www.ddtechglobal.com)

**\*\* CAUTION:** When used on swimming pool gates, always consult local authorities for swimming pool Codes.