

Hydraulic Gate Closers & Hinges

NEW External mount

Self-closes gates up to 260 lbs



D[®] SURE**Close**[®] READY**Fit** Extern

Externally Mounted

SureClose® is a hinge & closer, in one small, powerful package!



Quick-fit alignment legs: For ease of installation alignment

For ease of installation, alignment and two face fixing strength.

Vertical alignment slots Fasteners included

Multiple adjustment options :

- Self-closing speed and force
- Final snap-close action
- Horizontal adjustment

Dual bearing glide system™ Two rows of bearings for consistently superior performance. **Hydraulic dampened closing** Provides quiet, smooth & consistent

closing force, in a tamper resistant design that will not leak!



...

SureClose ReadyFit Hinge/Closer



ADJUSTABLE SELF-CLOSING SPEED AND FINAL SNAP-CLOSE ACTION

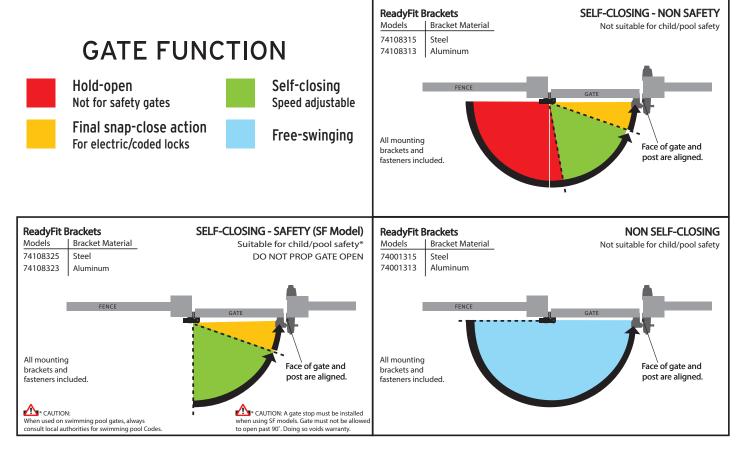
SureClose ReadyFit Hinge

> NON SELF-CLOSING LOAD BEARING

- Easy install No special tools or holes in post
- Gap variance of 1/2" to 1 3/8" (12-35mm)
- All mounting brackets and fasteners included
- Quick alignment legs
- Safety gate models available
- Final Snap Action All 108 models
- Non-removable adjustment nozzles
- Emergency Override feature Added safety and longer life
- 2-year limited warranty

Hinge Combinations	Self-Closing Gate Weight Max*
108 + SM	180 lbs (80 kgs)
108 + 108	260 lbs (120 kgs)
Access Control	Weight Capacity
SM + SM	1,500 lbs (680 kgs)

*CAUTION: Based on max gate size 72"H x 40"W (1800x1000mm). For gates with greater HxW, or if conditions such as wind play a role, use hinge combinations with higher self-closing weight ratings.



Item*	Туре	Description	Self- Closing From	Max Gate Swing	Final Snap Action	Pool/ Child Safety**	Hinge Gap	Fence Post Size Min.	Weight (Lbs)
74001313	RF SM S	ReadyFit Heavy Duty Hinge - Aluminum Brackets	-	180°	-	-	1/2" - 1-3/8" (13-35mm)	2'' (50mm)	2.10
74001315	RF SM W	ReadyFit Heavy Duty Hinge - Steel Brackets	-	180°	-	-	1/2" - 1-3/8" (13-35mm)	2'' (50mm)	2.93
74108313	RF 108 S	ReadyFit Heavy Duty Hinge/Closer - Aluminum Brackets	85°	180°	Yes	-	1/2" - 1-3/8" (13-35mm)	2'' (50mm)	2.91
74108315	RF 108 W	ReadyFit Heavy Duty Hinge/Closer - Steel Brackets	85°	180°	Yes	-	1/2" - 1-3/8" (13-35mm)	2'' (50mm)	3.74
74108323	RF 108SF S	ReadyFit Heavy Duty Hinge/Closer - SF - Aluminum Brackets	90°	90°	Yes	Yes	1/2" - 1-3/8" (13-35mm)	2'' (50mm)	2.91
74108325	RF 108SF W	ReadyFit Heavy Duty Hinge/Closer - SF - Steel Brackets	90°	90°	Yes	Yes	1/2" - 1-3/8" (13-35mm)	2'' (50mm)	3.74

*All ReadyFit hinges include fasteners, gate and post mounting brackets.

**Yes (SF) = Gate will not hold open at 90° (OK for safety gates). Do NOT use a hinge with a 90° hold open feature (-) for pool / child safety gates.

IMPORTANT: For maximum gate weights, see weight chart above.

CAUTION: A gate stop must be installed when using SF models. Gate must not be allowed to open past 90°. Doing so voids warranty.

Internal Post Mounting

SureClose[®] is a hinge & closer, in one small, powerful package!

Mounting Brackets :

SURE**Close**®

A variety of gate brackets allow for virtually any square-post application:

- Steel or Aluminum
- Fastened or Welded
- Flush mount or center mount

Multiple Adjustment Options :

- Self-closing speed and force
- Final snap-close action Now 30% Stronger
- Horizontal adjustment with Center Mount Bracket

Dual Bearing Glide System^{TM:} Two rows of bearings for consistently superior performance.

- Maintenance free
- Flush mount & center mount options
- Non self-closing models available
- Visibly small footprint
- Multiple adjustment options

Powerful, Hidden Hydraulics - That Don't Leak!

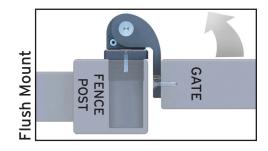
Hydraulics are concealed within the post, providing a controlled, quiet close, in a tamper-resistant, compact design.

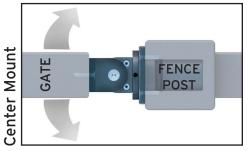
- Prevents gate slam noise & gate damage
- Self-closes gates up to 260 lbs.
- High corrosion resistance
 -50 Micron anodizing (Aluminum Components)

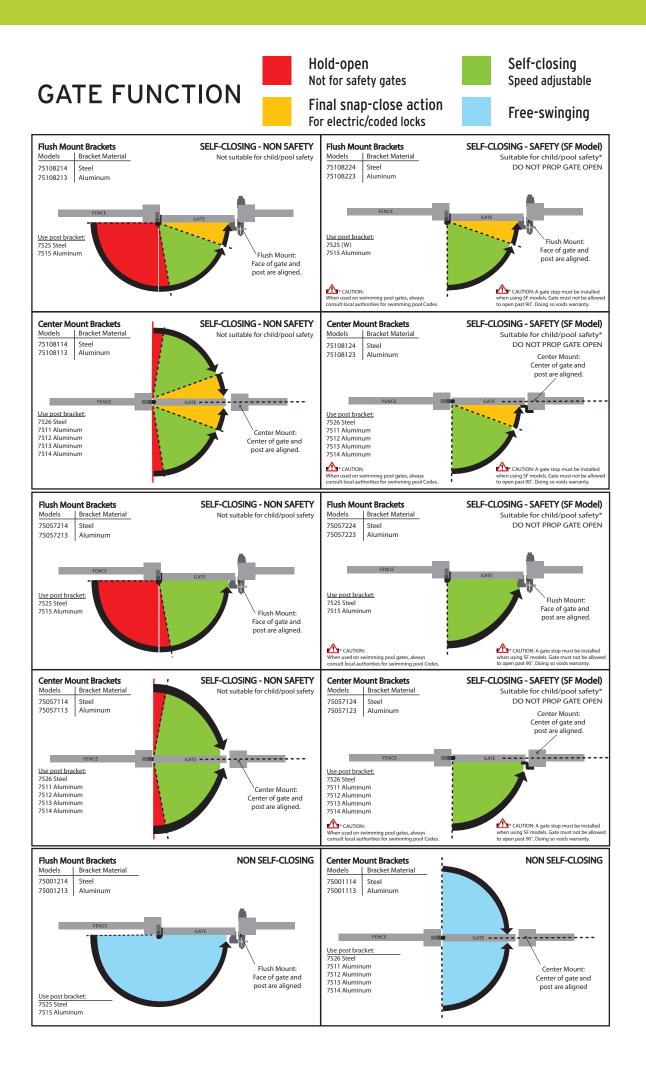
Hinge Combinations	Self-Closing Gate Weight Max*					
57 + SM	90 lbs (40 kgs)					
57 + 57	180 lbs (80 kgs) 180 lbs (80 kgs)					
108 + SM						
108 + 108	260 lbs (120 kgs)					
Access Control	Weight Capacity					
SM + SM	1,500 lbs (680 kgs)					

*CAUTION: Based on max gate size 72"H x 40"W (1800x1000mm). For gates with greater HxW, or if conditions such as wind play a role, use hinge combinations with higher self-closing weight ratings.

4







SureClose for Aluminum Gates (Screw-on)

Center Mount





57 S Item#: 75001113 Item#: 75057113 NON-SELF-CLOSING Holds gate open at 90°

57SF S SELF-CLOSING FROM 85°

Item#: 75057123 SELF-CLOSING FROM 90°

108 S Item#: 75108113 SELF-CLOSING FROM 85° Holds gate open at 90°
With Final Snap Action

SURE Close® D

108 SF S Item#: 75108123 SELF-CLOSING FROM 90° • With Final Snap Action

Item#*	Туре	Description	Self- Closing From	Max Gate Swing	Final Snap Action	Pool/ Child Safety**	Horiz Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (Lbs)
75001113	SM S	Heavy-Duty Hinge	-	90°	-	-	Yes	2 ½ -3″ (64-76mm)	2 ½'' (64mm)	Center	1.08
75057113	57 S	Heavy-Duty Hydraulic Closer & Hinge	85°	90°	-	-	Yes	2 ½ -3'' (64-76mm)	2 ½" (64mm)	Center	1.30
75057123	57SF S	Heavy-Duty Hydraulic Closer & Hinge	90°	90°	-	Yes	Yes	2 ½ -3'' (64-76mm)	2 ½" (64mm)	Center	1.30
75108113	108 S	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	85°	90°	Yes	-	Yes	2 ½ -3'' (64-76mm)	3" (76mm)	Center	1.80
75108123	108SF S	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	90°	90°	Yes	Yes	Yes	2 ½ -3'' (64-76mm)	3" (76mm)	Center	1.80

*Gate mounting brackets included with hinge. Post mounting brackets sold separately. Fasteners not included. **Use only SF type closers on pool/safety gates.

Flush Mount



SM AT90 S 57 AT90 S Item#: 75001213 Item#: 75057213 NON-SELF-CLOSING SELF-CLOSING FROM 85° Holds gate open at 90°



57SF AT90 S Item#: 75057223 SELF-CLOSING FROM 90°



108 AT90 S Item#: 75108213 SELF-CLOSING FROM 85° Holds gate open at 90°
With Final Snap Action

108SF AT90 S Item#: 75108223 SELF-CLOSING FROM 90° • With Final Snap Action

Item#*	Туре	Description	Self- Closing From	Max Gate Swing	Final Snap Action	Pool/ Child Safety**	Horiz Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (Lbs)	
75001213	SM AT90 S	Heavy-Duty Hinge	-	180°	-	-	-	½'' (13mm)	2'' (50mm)	Flush	1.17	
75057213	57 AT90 S	Heavy-Duty Hydraulic Closer & Hinge	85°	180°	-	-	-	½'' (13mm)	2'' (50mm)	Flush	1.38	
75057223	57SF AT90 S	Heavy-Duty Hydraulic Closer & Hinge	90°	90°	-	Yes	-	½'' (13mm)	2'' (50mm)	Flush	1.38	
75108213	108 AT90 S	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	85°	180°	Yes	-	-	½'' (13mm)	3'' (76mm)	Flush	1.90	
75108223	108SF AT90 S	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	90°	90°	Yes	Yes	-	½'' (13mm)	3'' (76mm)	Flush	1.90	
	*Gate mounting brackets included with hinge. Post mounting brackets sold separately. Fasteners not included. **Use only SF type closers on pool/safety gates.											

Post Mounting Brackets Aluminum Screw-On Options (Sold Separately)



Center Mount



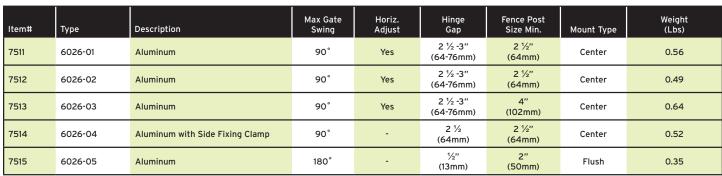
Center Mount

Center Mount





Item#: 7515 Flush Mount



SureClose for Steel Gates (Weld-on)

Center Mount





57 W Item#: 75001114 Item#: 75057114 NON-SELF-CLOSING SELF-CLOSING FROM 85° Holds gate open at 90°

57SF W Item#: 75057124 SELF-CLOSING FROM 90°

108 W Item#: 75108114 SELF-CLOSING FROM 85° Holds gate open at 90° • With Final Snap Action

108SF W Item#: 75108124 SELF-CLOSING FROM 90° • With Final Snap Action

SURE Close®

D®

Item#*	Туре	Description	Self- Closing From	Max Gate Swing	Final Snap Action	Pool/ Child Safety**	Horiz Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (Lbs)
75001114	SM W	Heavy-Duty Hinge	-	90°	-	-	Yes	2 ½ -3'' (64-76mm)	2 ½'' (64mm)	Center	1.41
75057114	57 W	Heavy-Duty Hydraulic Closer & Hinge	85°	90°	-	-	Yes	2 ½ -3'' (64-76mm)	2 ½" (64mm)	Center	1.63
75057124	57SF W	Heavy-Duty Hydraulic Closer & Hinge	90°	90°	-	Yes	Yes	2 ½ -3'' (64-76mm)	2 ½" (64mm)	Center	1.63
75108114	108 W	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	85°	90°	Yes	-	Yes	2 ½ -3'' (64-76mm)	3" (76mm)	Center	2.14
75108124	108SF W	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	90°	90°	Yes	Yes	Yes	2 ½ -3'' (64-76mm)	3" (76mm)	Center	2.14

*Gate mounting brackets included with hinge. Post mounting brackets sold separately. Fasteners not included. **Use only SF type closers on pool/safety gates.

57 AT90 W

Item#: 75057214

• Holds gate open at 90°

Flush Mount

SM AT90 W

Item#: 75001214

NON-SELF-CLOSING





57SF AT90 W Item#: 75057224 SELF-CLOSING FROM 85° SELF-CLOSING FROM 90°



108 AT90 W Item#: 75108214 SELF-CLOSING FROM 85° Holds gate open at 90°
With Final Snap Action

108SF AT90 W Item#: 75108224 SELF-CLOSING FROM 90° • With Final Snap Action

Item#*	Туре	Description	Self- Closing From	Max Gate Swing	Final Snap Action	Pool/ Child Safety**	Horiz Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (Lbs)
75001214	SM AT90 W	Heavy-Duty Hinge	-	180°	-	-	-	½'' (13mm)	2'' (50mm)	Flush	1.86
75057214	57 AT90 W	Heavy-Duty Hydraulic Closer & Hinge	85°	180°	-	-	-	½'' (13mm)	2'' (50mm)	Flush	2.09
75057224	57SF AT90 W	Heavy-Duty Hydraulic Closer & Hinge	90°	90°	-	Yes	-	½'' (13mm)	2'' (50mm)	Flush	2.09
75108214	108 AT90 W	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	85°	180°	Yes	-	-	½'' (13mm)	3" (76mm)	Flush	2.60
75108224	108SF AT90 W	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	90°	90°	Yes	Yes	-	½'' (13mm)	3'' (76mm)	Flush	2.60

**Use only SF type closers on pool/safety gates.

Post Mounting Brackets Steel Weld-on Options (Sold Separately)



Item#: 7526

Center Mount

Item#: 7525

Flush Mount

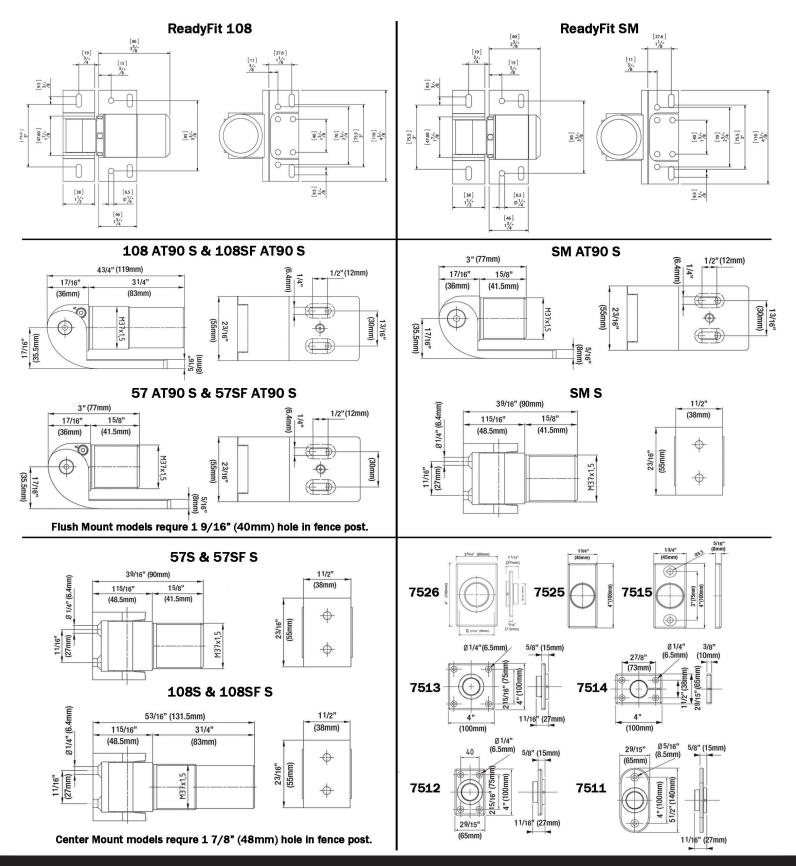
Pool and child safety gate models (SF type) can be identified by the fifth dimple on the end cap.



DO NOT use any non-SF models (4-dimples only) on gates where human safety is critical.

Item#	Туре	Description	Max Gate Swing	Horiz. Adjust	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (Lbs)
7525	0510-04	Steel	180°	-	½'' (13mm)	2'' (50mm)	Flush	0.74
7526	0510-05	Steel	90°	Yes	2 ½ -3" (64-76mm)	2 ½'' (64mm)	Center	1.08

NOTE: All SureClose hydraulic hinges have an operating temperature of -22°F to 140°F (-30°C to 60°C).



Please visit our website for a complete product overview, including video animations, installation instructions, CAD & Spec. www.ddtechglobal.com



Available from:

C C Scan for more information

North & South America: 7731 Woodwind Dr. Huntington Beach, CA 92647 Tel: (714) 677-1300 Fax: (714) 677-1299 E-mail: info@ddtechusa.com /IKT-035 brochure sureclose 060415