



# Hydraulic Gate Closers & Hinges



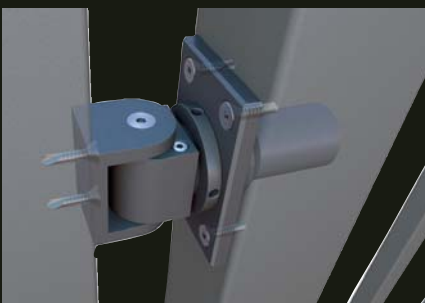
[www.ddtechglobal.com/sureclose](http://www.ddtechglobal.com/sureclose)

**SureClose® Gate Hinges and Closers** are designed to replace conventional commercial gate hinges and closers through its unique design that hides the closer hydraulics inside the fence post.

Precision engineered and superbly finished. There is no compromise of quality with SureClose.

**Self-Closing models:**  
SureClose 57  
SureClose 108

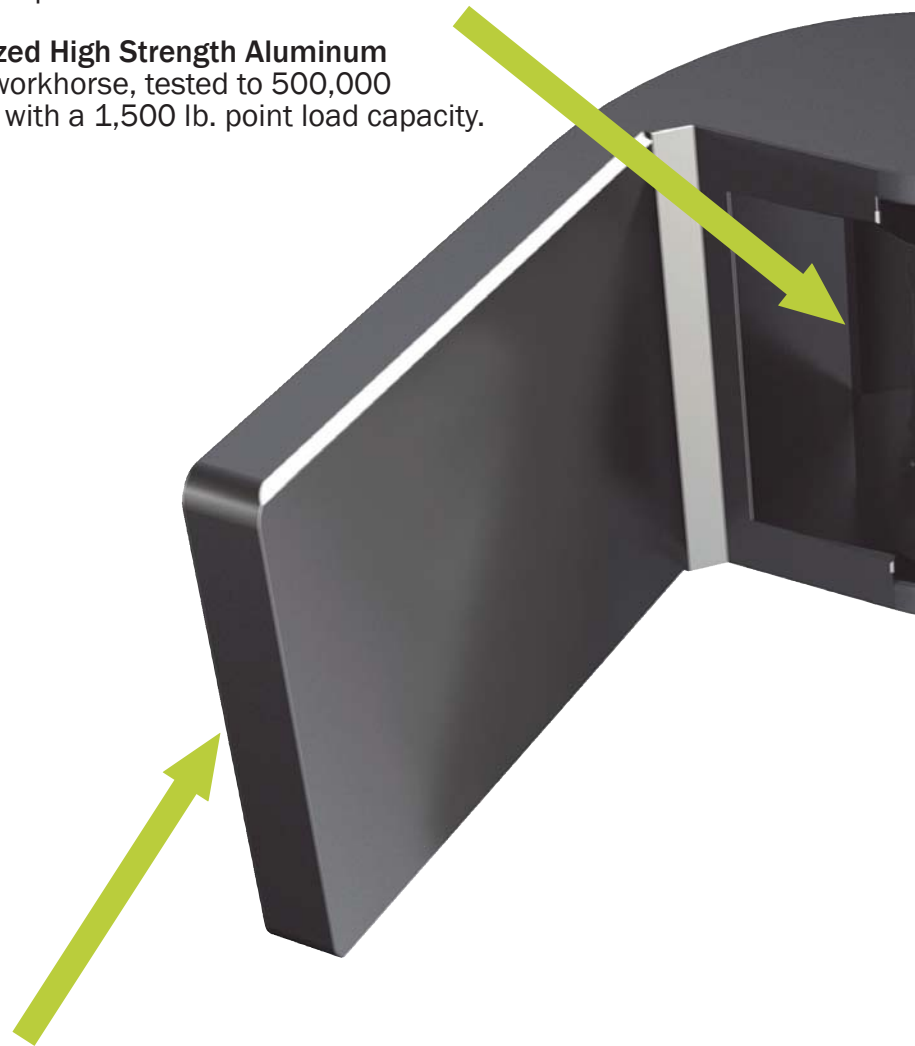
**Non-Self-Closing model:**  
SureClose SM



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

**Dual Bearing Glide System™:**  
Two thrust bearings for consistently superior performance.

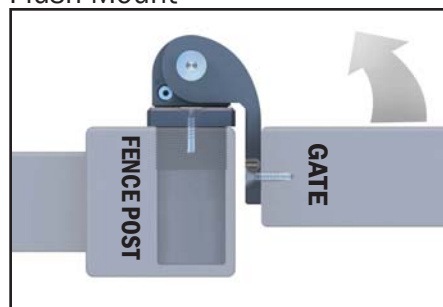
**Anodized High Strength Aluminum**  
It's a workhorse, tested to 500,000 cycles with a 1,500 lb. point load capacity.



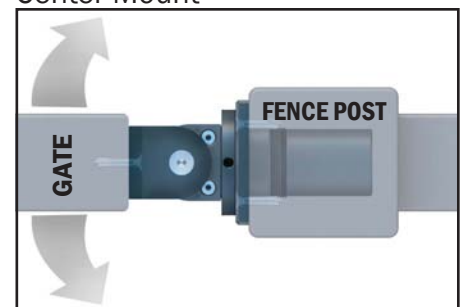
**Mounting Brackets:**  
A variety of gate brackets allow for virtually any square-post application:

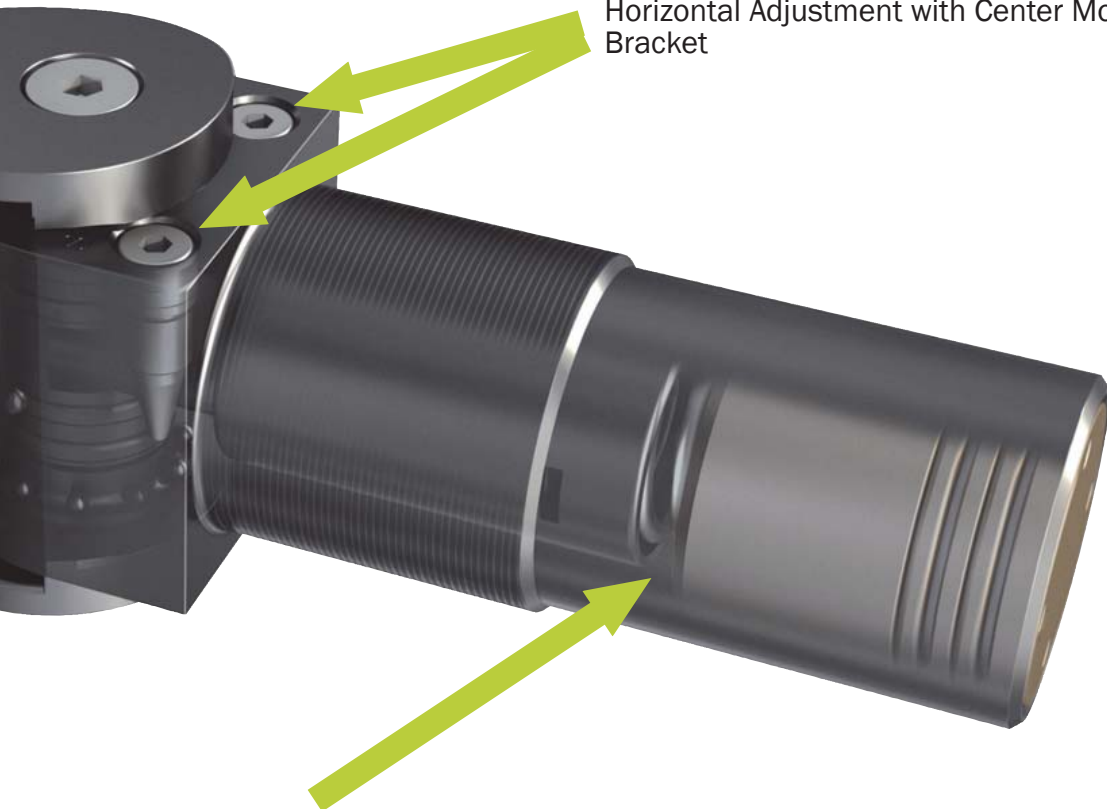
- Steel or Aluminum
- Fastened or Welded
- Flush Mount or Center Mount

Flush Mount



Center Mount





**Multiple adjustment options:**

- Self-Closing Speed and Force
- Final snap-close action
- Horizontal Adjustment with Center Mount Bracket



**Powerful, Hidden Hydraulics - That Don't Leak!**

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

- Maintenance Free
- Flush Mount & Center Mount options
- Non self-closing models available
- Visibly Small Footprint
- Multiple Adjustment Options
- 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*	Point Load Capacity
57 + SM	90 lbs (40 kgs)	1,500 lbs (680 kgs)
57 + 57	180 lbs (80 kgs)	1,500 lbs (680 kgs)
108 + SM	180 lbs (80 kgs)	1,500 lbs (680 kgs)
108 + 108	260 lbs (120 kgs)	1,500 lbs (680 kgs)
SM + SM	-	1,500 lbs (680 kgs)

\*Based on max gate size 72"H x 40"W (1,800mmx1,000mm)

# SureClose for Aluminum Gates (Screw-on)

## Center Mount



**SM S**  
Item#: 75001113  
NON-SELF-CLOSING



**57 S**  
Item#: 75057113  
SELF-CLOSING FROM 85°  
• Holds gate open at 90°



**57SF S**  
Item#: 75057123  
SELF-CLOSING FROM 90°

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

Item#*	Type	Description	Self-Closing	Max Gate Swing	Final Snap Action	Pool/Child Safety**	Horiz Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (lbs/kg)
75001113	SM S	Heavy-Duty Hinge	-	90°	-	-	Yes	2 1/2-3" (64-76mm)	2 1/2" (64mm)	Center	1.08/0.50
75057113	57 S	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	-	Yes	2 1/2-3" (64-76mm)	2 1/2" (64mm)	Center	1.30/0.59
75057123	57SF S	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	Yes	Yes	2 1/2-3" (64-76mm)	2 1/2" (64mm)	Center	1.30/0.59
75108113	108 S	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	90°	Yes	-	Yes	2 1/2-3" (64-76mm)	3" (76mm)	Center	1.80/0.82
75108123	108SF S	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	90°	Yes	Yes	Yes	2 1/2-3" (64-76mm)	3" (76mm)	Center	1.80/0.82

\*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**  
Item#: 75001213  
NON-SELF-CLOSING



**57 AT90 S**  
Item#: 75057213  
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#*	Type	Description	Self-Closing	Max Gate Swing	Final Snap Action	Pool/Child Safety**	Horiz Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (lbs/kg)
75001213	SM AT90 S	Heavy-Duty Hinge	-	180°	-	-	-	1/2" (13mm)	2" (50mm)	Flush	1.17/0.53
75057213	57 AT90 S	Heavy-Duty Hydraulic Closer & Hinge	Yes	180°	-	-	-	1/2" (13mm)	2" (50mm)	Flush	1.38/0.63
75057223	57SF AT90S	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	Yes	-	1/2" (13mm)	2" (50mm)	Flush	1.38/0.63
75108213	108 AT90 S	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	180°	Yes	-	-	1/2" (13mm)	3" (76mm)	Flush	1.90/0.86
75108223	108SF AT90 S	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	90°	Yes	Yes	-	1/2" (13mm)	3" (76mm)	Flush	1.90/0.86

\*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)



Item#: 7511  
Center Mount



Item#: 7512  
Center Mount



Item#: 7513  
Center Mount



Item#: 7514  
Center Mount



Item#: 7515  
Flush Mount

Item#	Type	Description	Max Gate Swing	Horiz. Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (lbs/kg)
7511	6026-01	Aluminum	90°	Yes	2 1/2-3" (64-76mm)	2 1/2" (64mm)	Center	0.56/0.25
7512	6026-02	Aluminum	90°	Yes	2 1/2-3" (64-76mm)	2 1/2" (64mm)	Center	0.49/0.22
7513	6026-03	Aluminum	90°	Yes	2 1/2-3" (64-76mm)	4" (102mm)	Center	0.64/0.29
7514	6026-04	Aluminum with Side Fixing Clamp	90°	-	2 1/2 (64mm)	2 1/2" (64mm)	Center	0.52/0.24
7515	6026-05	Aluminum	180°	-	1/2" (13mm)	2" (50mm)	Flush	0.35/0.16

# SureClose for Steel Gates (Weld-on)

## Center Mount



**SM W**  
Item#: 750001114  
NON SELF-CLOSING



**57 W**  
Item#: 75057114  
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

Item#*	Type	Description	Self-Closing	Max Gate Swing	Final Snap Action	Pool/Child Safety**	Horiz Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (lbs/kg)
75001114	SM W	Heavy-Duty Hinge	-	90°	-	-	Yes	2 1/2-3" (64-76mm)	2 1/2" (64mm)	Center	1.41/0.64
75057114	57 W	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	-	Yes	2 1/2-3" (64-76mm)	2 1/2" (64mm)	Center	1.63/0.74
75057124	57SF W	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	Yes	Yes	2 1/2-3" (64-76mm)	2 1/2" (64mm)	Center	1.63/0.74
75108114	108 W	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	90°	Yes	-	Yes	2 1/2-3" (64-76mm)	3" (76mm)	Center	2.14/0.97
75108124	108SF W	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	90°	Yes	Yes	Yes	2 1/2-3" (64-76mm)	3" (76mm)	Center	2.14/0.97

\*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 W**  
Item#: 75001214  
NON-SELF-CLOSING



**57 AT90 W**  
Item#: 75057214  
SELF-CLOSING FROM 85°  
• Holds gate open at 90°



**57SF AT90 W**  
Item#: 75057224  
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#*	Type	Description	Self-Closing	Max Gate Swing	Final Snap Action	Pool/Child Safety**	Horiz Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (lbs/kg)
75001214	SM AT90 W	Heavy-Duty Hinge	-	180°	-	-	-	1/2" (13mm)	2" (50mm)	Flush	1.86/0.84
75057214	57 AT90 W	Heavy-Duty Hydraulic Closer & Hinge	Yes	180°	-	-	-	1/2" (13mm)	2" (50mm)	Flush	2.09/0.95
75057224	57SF AT90W	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	Yes	-	1/2" (13mm)	2" (50mm)	Flush	2.09/0.95
75108214	108 AT90 W	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	180°	Yes	-	-	1/2" (13mm)	3" (76mm)	Flush	2.60/1.18
75108224	108SF AT90 W	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	90°	Yes	Yes	-	1/2" (13mm)	3" (76mm)	Flush	2.60/1.18

\*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

Steel Weld-on Options (Sold Separately)



Item#: 7525  
Flush Mount



Item#: 7526  
Center 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#	Type	Description	Max Gate Swing	Horiz. Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (lbs/kg)
7525	0510-04	Steel	180°	-	1/2" (13mm)	2 1/2" (64mm)	Flush	0.35/0.16
7526	0510-05	Steel	90°	-	2 1/2-3" (64-76mm)	2 1/2" (64mm)	Center	1.08/0.49

# GATE FUNCTION



**Hold-open**  
Not for safety gates



**Self-close**  
Speed Adjustable



**Final Snap Action**  
For Electric/Coded Locks



**Free-Swinging**

<p><b>Flush Mount Brackets</b></p> <table border="1"> <thead> <tr> <th>Models</th> <th>Bracket Material</th> </tr> </thead> <tbody> <tr> <td>75108214</td> <td>Steel</td> </tr> <tr> <td>75108213</td> <td>Aluminum</td> </tr> </tbody> </table> <p><b>SELF-CLOSING - NON SAFETY</b> Not suitable for child/pool safety</p> <p>Use post bracket: 7525 Steel 7515 Aluminum</p> <p>Flush Mount: Face of gate and post are aligned.</p>	Models	Bracket Material	75108214	Steel	75108213	Aluminum	<p><b>Flush Mount Brackets</b></p> <table border="1"> <thead> <tr> <th>Models</th> <th>Bracket Material</th> </tr> </thead> <tbody> <tr> <td>75108224</td> <td>Steel</td> </tr> <tr> <td>75108223</td> <td>Aluminum</td> </tr> </tbody> </table> <p><b>SELF-CLOSING - SAFETY (SF Model)</b> Suitable for child/pool safety* DO NOT PROP GATE OPEN</p> <p>Use post bracket: 7525 (W) 7515 Aluminum</p> <p>Flush Mount: Face of gate and post are aligned.</p> <p>* CAUTION: When used on swimming pool gates, always consult local authorities for swimming pool Codes.</p>	Models	Bracket Material	75108224	Steel	75108223	Aluminum
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# GATE FUNCTION



**Hold-open**  
Not for safety gates



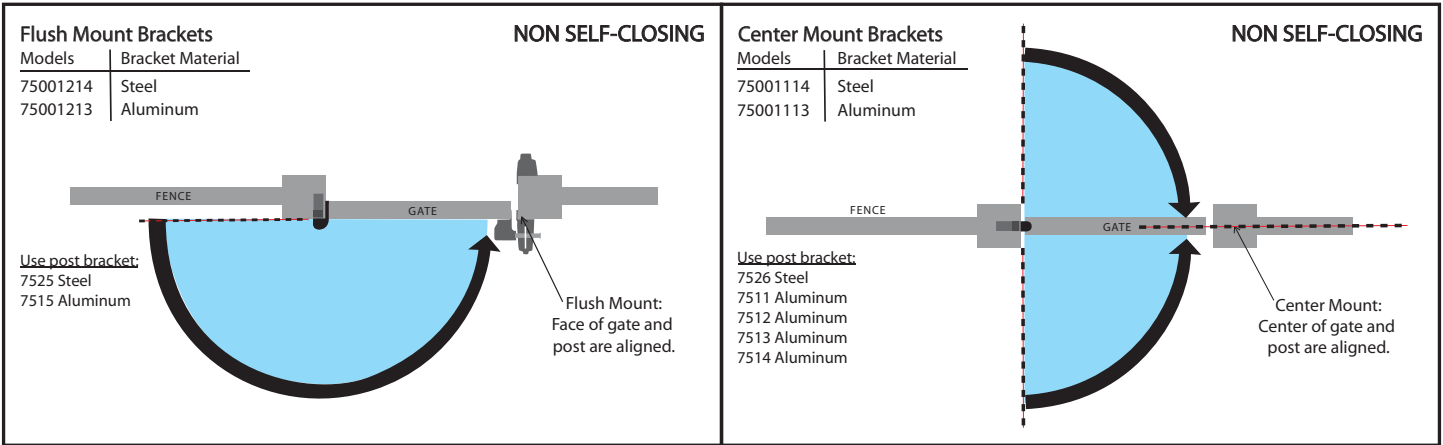
**Self-close**  
Speed Adjustable



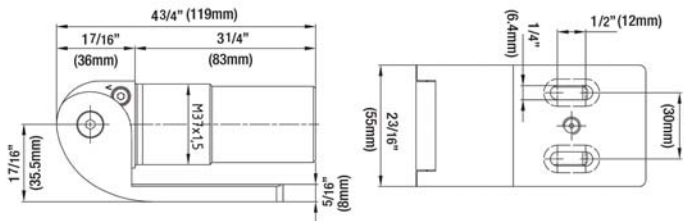
**Final Snap Action**  
For Electric/Coded Locks



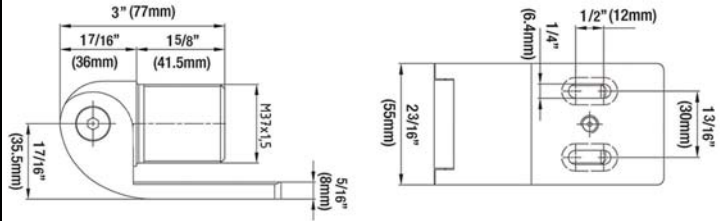
**Free-Swinging**



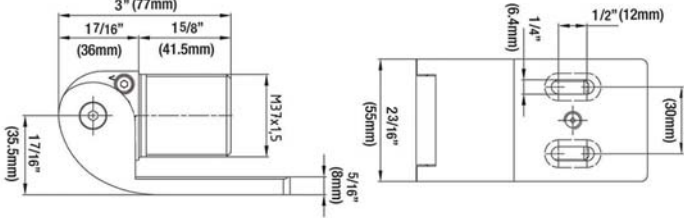
## 108 AT90 S & 108SF AT90 S



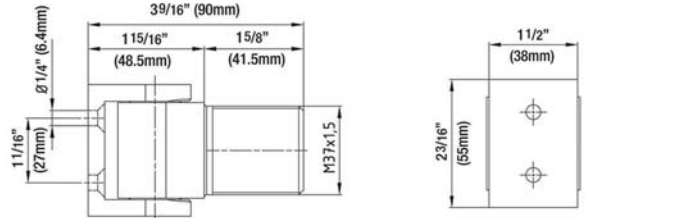
## SM AT90 S



## 57 AT90 S & 57SF AT90 S

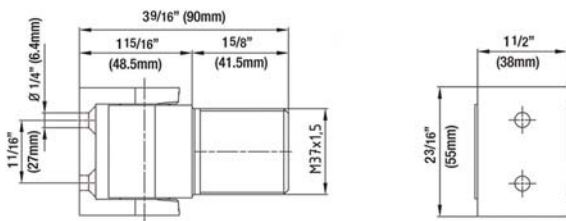


## SM S

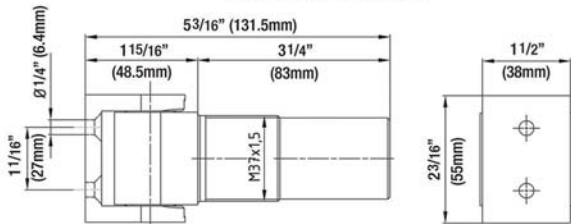


Flush Mount models require 1 9/16" (40mm) hole in fence post.

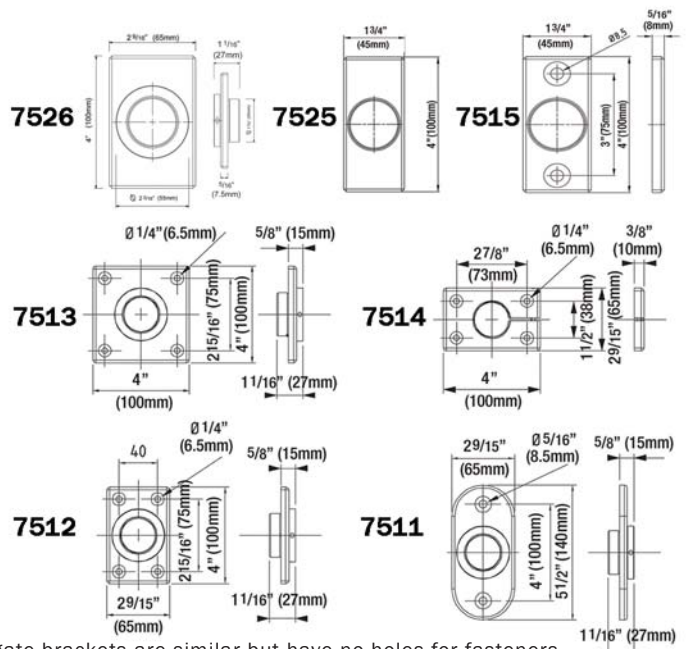
## 57 S & 57SF S



## 108 S & 108SF S



Center Mount models require 1 7/8" (48mm) hole in fence post.



Aluminum screw-on gate mounting brackets featured. Steel weld-on gate brackets are similar but have no holes for fasteners.



The future of gate hardware.

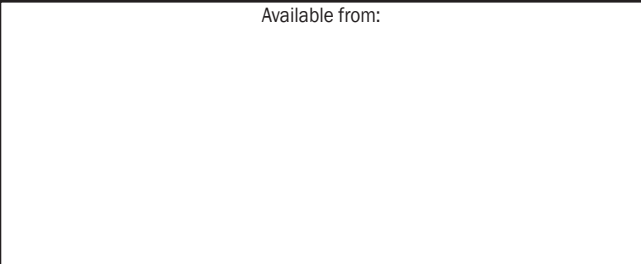
Please visit our website for a complete product overview, including video animations, installation instructions, CAD & Spec.

[www.ddtechglobal.com/sureclose](http://www.ddtechglobal.com/sureclose)



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