

- Thrust bearings for high loads
- Small footprint (hydraulics concealed inside fence post)
- Heavy duty, 50-micron anodised aluminium
- Adjustable self-closing speed (some models)
- Models '108' have final snap-close action
- Tested up to 680kg point load capacity & 500,000 cycles
- 2-year warranty (limited)

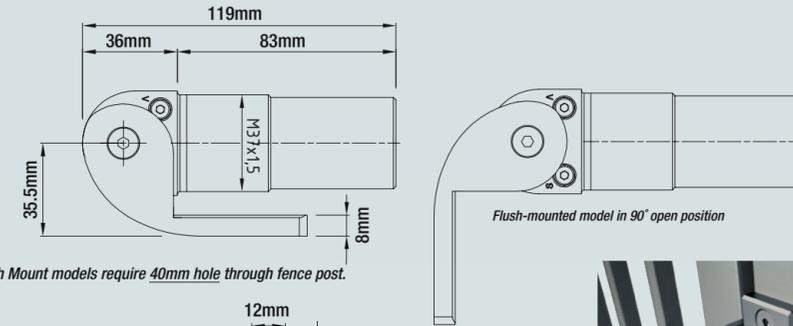


- Models for:
- Self closing
  - Non self-closing
  - Flush Mount & Centre Mount
  - With final snap-close action
  - With hold-open function
  - 90° and 180° opening

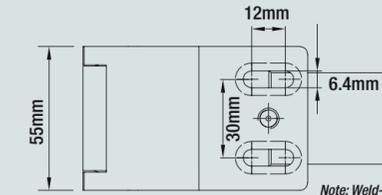
## Dimensions



### SureClose® 108 Flush Mount (screw-on)



Flush Mount models require 40mm hole through fence post.

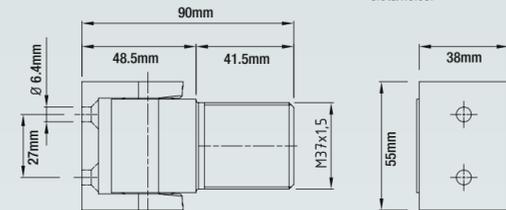


Note: Weld-on models have the same dimensions, but do not have screw-fixing slots/holes.

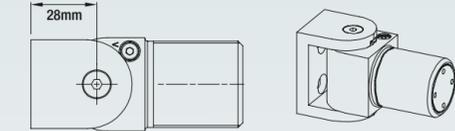
Flush-mounted model in 90° open position



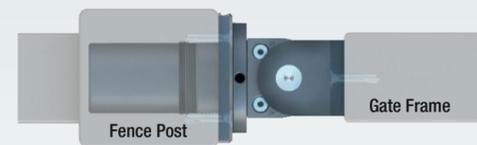
### SureClose® 57 Centre Mount (screw-on)



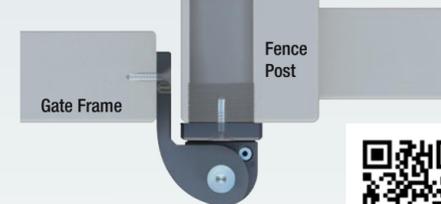
Centre Mount models require 48mm hole through fence post.



#### Plan view - Centre Mount



#### Plan view - Flush Mount



**D&D Technologies**  
Hi-Performance Hardware



**AUSTRALIA:** D&D Technologies P/L, Unit 6, 4-6 Aquatic Drive, Frenchs Forest NSW 2086 Tel: 1800 500 203 or (02) 9454 7800 Fax: (02) 9454 7600. E-mail: sales@ddtech.com.au

**NEW ZEALAND:** D&D Technologies P/L  
New Zealand Regional Sales Manager. Mobile: 027 5482 714  
E-mail: iellis@ddtech.com.au Web: www.ddtechglobal.com

www.ddtechglobal.com/sureclose

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**COMMERCIAL GRADE**

# Hydraulic Gate Closers & Hinges



Safety & security solution



Precision engineered and superbly finished

For steel & aluminium gates

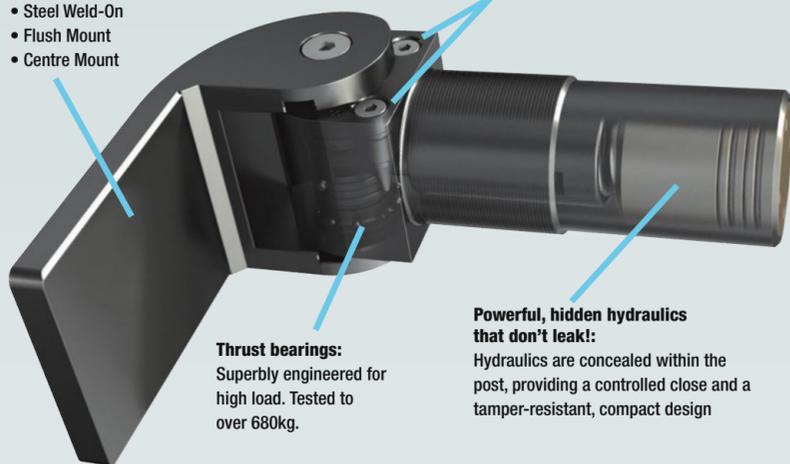
www.ddtechglobal.com/sureclose

Precision engineered and superbly finished...

**All-in-one:**  
SureClose® devices are either a Hinge or a Hinge Closer, in one small, powerful package!

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

- Aluminium Screw-On
- Steel Weld-On
- Flush Mount
- Centre Mount



**Thrust bearings:**  
Superbly engineered for high load. Tested to over 680kg.

**Powerful, hidden hydraulics that don't leak!**  
Hydraulics are concealed within the post, providing a controlled close and a tamper-resistant, compact design

**Multiple adjustment options:**

- Variable Speed
- Final snap-close action

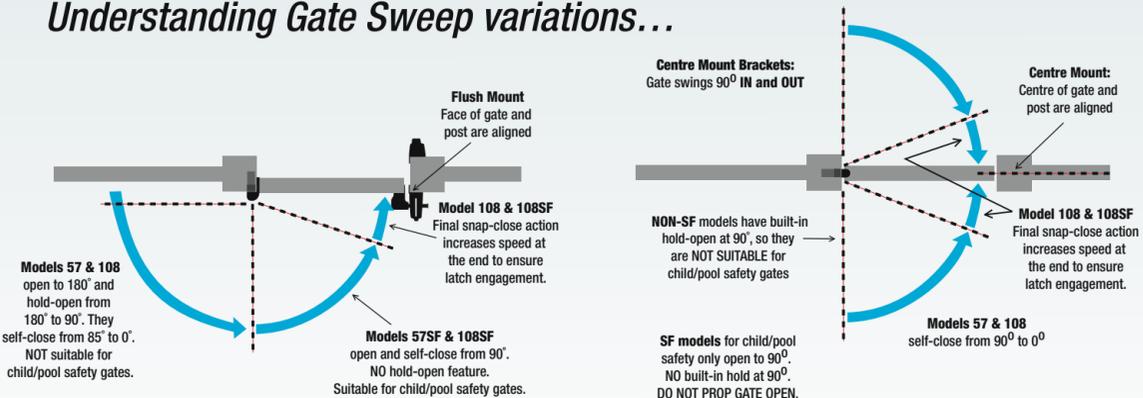
### Gate Hinges & Closers

*SureClose® Gate Closers and Hinges are designed to replace conventional commercial gate hinges and closers. These strong and sturdy hinges provide greater strength than traditional commercial industrial hinges. In some models the superb engineering and patented design conceal the hydraulics within the fence post. There is no compromise of quality with SureClose® gate closers and hinges.*

Ideal solution for:

- Commercial/Industrial gates
- High-end residential gates
- Security gates
- Government institutions
- Airports
- Units & Apartments
- Childcare Centres
- Access Control gates
- Schools & Playgrounds
- Theme parks
- Hotel/Motel properties
- Sporting arenas

### Understanding Gate Sweep variations...



## SUREClose® SCREW-ON - Aluminium & Steel Gates

### Centre Mount



**SureClose SM S**  
Code: 75001113  
**NON-SELF-CLOSING**  
• Gate sweep: 90° in and out

**SureClose 57 S**  
Code: 75057113m  
**SELF-CLOSING FROM 85°**  
• Holds gate open at 90° (not suitable for pool/safety gates)  
• Gate sweep: 90° in and out  
• Adjustment tool included

**SureClose 57SF S**  
Code: 75057123m  
**SELF-CLOSING FROM 90°**  
• No hold-open feature (suitable for pool/safety gates)  
• Gate sweep: 90° in and out  
• Adjustment tool included

**SureClose 108 S**  
Code: 75108113m  
**SELF-CLOSING FROM 85°**  
• With final snap-close action  
• Gate sweep: 90° in and out  
• Holds gate open at 90° (not suitable for pool/safety gates)  
• Adjustment tool included

**SureClose 108SF S**  
Code: 75108123m  
**SELF-CLOSING FROM 90°**  
• With final snap-close action  
• Gate sweep: 90° in and out  
• No hold-open feature (suitable for pool/safety gates)  
• Adjustment tool included

### Flush Mount



**SureClose SM AT90 S**  
Code: 75001213  
**NON-SELF-CLOSING**  
• Gate sweep: 180° one way

**SureClose 57 AT90 S**  
Code: 75057213m  
**SELF-CLOSING FROM 85°**  
• Gate sweep: 180° one way  
• Holds gate open at 90°-180° (not suitable for pool/safety gates)  
• Adjustment tool included

**SureClose 57SF AT90 S**  
Code: 75057223m  
**SELF-CLOSING FROM 90°**  
• No hold-open feature (suitable for pool/safety gates)  
• Adjustment tool included

**SureClose 108 AT90 S**  
Code: 75108213m  
**SELF-CLOSING FROM 85°**  
• With final snap-close action  
• Gate sweep: 180° one way  
• Holds gate open at 90°-180° (not suitable for pool/safety gates)  
• Adjustment tool included

**SureClose 108SF AT90 S**  
Code: 75108223m  
**SELF-CLOSING FROM 90°**  
• With final snap-close action  
• Gate sweep: 90° one way  
• No hold-open feature (suitable for pool/safety gates)  
• Adjustment tool included

### Screw-on Post Brackets



### Closer/Hinge + Aluminium Screw-on Gate Bracket\*

| Model               | Description                           | Max. Weight Self Close | Prod. Code | Self Closes   | Maximum Gate Swing | Snap-Close Action | **Pool/Child Safety | Horizontal Adjustment | Hinge Gap | Fence Post Size |
|---------------------|---------------------------------------|------------------------|------------|---------------|--------------------|-------------------|---------------------|-----------------------|-----------|-----------------|
| <b>CENTRE MOUNT</b> |                                       |                        |            |               |                    |                   |                     |                       |           |                 |
| SM S                | Hinge: Plain, pivoting                | -                      | 75001113   | -             | 90°, in AND out    | -                 | -                   | Yes                   | 63-76mm   | 50mm+           |
| 57 S                | Closer Hinge: General purpose         | 40kg                   | 75057113m  | Yes, from 85° | 90°, in AND out    | -                 | -                   | Yes                   | 63-76mm   | 50mm+           |
| 57SF S              | Closer Hinge: Ideal for safety gates  | 40kg                   | 75057123m  | Yes, from 90° | 90°, in AND out    | -                 | Yes                 | Yes                   | 63-76mm   | 50mm+           |
| 108 S               | Closer Hinge: Final snap-close action | 80kg                   | 75108113m  | Yes, from 85° | 90°, in AND out    | Yes               | -                   | Yes                   | 63-76mm   | 75mm+           |
| 108SF S             | Closer Hinge: Safety, with snap-close | 80kg                   | 75108123m  | Yes, from 90° | 90°, in AND out    | Yes               | Yes                 | Yes                   | 63-76mm   | 75mm+           |
| <b>FLUSH MOUNT</b>  |                                       |                        |            |               |                    |                   |                     |                       |           |                 |
| SM AT90 S           | Hinge: Plain, pivoting                | -                      | 75001213   | -             | 180° one way       | -                 | -                   | -                     | 13mm      | 50mm+           |
| 57 AT90 S           | Closer Hinge: General purpose         | 40kg                   | 75057213m  | Yes, from 85° | 180° one way       | -                 | -                   | -                     | 13mm      | 50mm+           |
| 57SF AT90 S         | Closer Hinge: Ideal for safety gates  | 40kg                   | 75057223m  | Yes, from 90° | 90° one way        | -                 | Yes                 | -                     | 13mm      | 50mm+           |
| 108 AT90 S          | Closer Hinge: Final snap-close action | 80kg                   | 75108213m  | Yes, from 85° | 180° one way       | Yes               | -                   | -                     | 13mm      | 75mm+           |
| 108SF AT90 S        | Closer Hinge: Safety, with snap-close | 80kg                   | 75108223m  | Yes, from 90° | 90° one way        | Yes               | Yes                 | -                     | 13mm      | 75mm+           |

### Post Mounting Brackets\* sold separately

| Prod. Code | Mounting Style | Description                    | Suggested Fasteners | Horizontal Adjustment | Fence Post Size |
|------------|----------------|--------------------------------|---------------------|-----------------------|-----------------|
| 7511       | Centre Mount   | Aluminium Screw-on             | #18 c.s.            | Yes, threaded         | 50mm+           |
| 7512       | Centre Mount   | Aluminium Screw-on             | #14 c.s.            | Yes, threaded         | 50mm+           |
| 7513       | Centre Mount   | Aluminium Screw-on             | #14 c.s.            | Yes, threaded         | 75mm+           |
| 7514       | Centre Mount   | Aluminium Screw-on (single)*** | #14 c.s.            | Yes, rotate hinge     | 50mm+           |
| 7515       | Flush Mount    | Aluminium Screw-on             | #18 c.s.            | No                    | 50mm+           |

**NOTE:** Screw-on aluminium brackets may be powdercoated or painted. Protect threads and moving parts when applying finish.  
\* All closers/hinges come with a gate-mounting bracket included, but post-mounting brackets are sold separately.  
\*\* Yes = Gates will not hold open at 90°, so therefore are suitable for safety gates. Do NOT use a hinge with 90° hold-open feature on pool/child safety gates.  
\*\*\* Post mounting bracket 7514 allows for single-hinge applications such as turnstiles. Includes fixing clamp to prevent slippage. For additional products, detailed instructions and specifications, visit [www.dtechglobal.com/sureclose](http://www.dtechglobal.com/sureclose)

## SUREClose® WELD-ON - Steel Gates

### Centre Mount



**SureClose SM W**  
Code: 75001114  
**NON-SELF-CLOSING**  
• Gate sweep: 90° in and out

**SureClose 57 W**  
Code: 75057114m  
**SELF-CLOSING FROM 85°**  
• Holds gate open at 90° (not suitable for pool/safety gates)  
• Gate sweep: 90° in and out  
• Adjustment tool included

**SureClose 57SF W**  
Code: 75057124m  
**SELF-CLOSING FROM 90°**  
• No hold-open feature (suitable for pool/safety gates)  
• Gate sweep: 90° in and out  
• Adjustment tool included

**SureClose 108 W**  
Code: 75108114m  
**SELF-CLOSING FROM 85°**  
• With final snap-close action  
• Gate sweep: 90° in and out  
• Holds gate open at 90° (not suitable for pool/safety gates)  
• Adjustment tool included

**SureClose 108SF W**  
Code: 75108124m  
**SELF-CLOSING FROM 90°**  
• With final snap-close action  
• Gate sweep: 90° in and out  
• No hold-open feature (suitable for pool/safety gates)  
• Adjustment tool included

### Flush Mount



**SureClose SM AT90 W**  
Code: 75108114  
**NON-SELF-CLOSING**  
• Gate sweep: 180° one way

**SureClose 57 AT90 W**  
Code: 75057214m  
**SELF-CLOSING FROM 85°**  
• Gate sweep: 180° one way  
• Holds gate open at 90°-180° (not suitable for pool/safety gates)  
• Adjustment tool included

**SureClose 57SF AT90 W**  
Code: 75057224m  
**SELF-CLOSING FROM 90°**  
• No hold-open feature (suitable for pool/safety gates)  
• Adjustment tool included

**SureClose 108 AT90 W**  
Code: 75108214m  
**SELF-CLOSING FROM 85°**  
• With final snap-close action  
• Gate sweep: 180° one way  
• Holds gate open at 90°-180° (not suitable for pool/safety gates)  
• Adjustment tool included

**SureClose 108SF AT90 W**  
Code: 75108224m  
**SELF-CLOSING FROM 90°**  
• With final snap-close action  
• Gate sweep: 90° one way  
• No hold-open feature (suitable for pool/safety gates)  
• Adjustment tool included

### Weld-on Post Brackets



### Closer/Hinge + Steel Weld-on Gate Bracket\*

| Model               | Description                           | Max. Weight Self Close | Prod. Code | Self Closes   | Maximum Gate Swing | Snap-Close Action | **Pool/Child Safety | Horizontal Adjustment | Hinge Gap | Fence Post Size |
|---------------------|---------------------------------------|------------------------|------------|---------------|--------------------|-------------------|---------------------|-----------------------|-----------|-----------------|
| <b>CENTRE MOUNT</b> |                                       |                        |            |               |                    |                   |                     |                       |           |                 |
| SM W                | Hinge: Plain, pivoting                | -                      | 75001114   | -             | 90°, in AND out    | -                 | -                   | Yes                   | 63-76mm   | 50mm+           |
| 57 W                | Closer Hinge: General purpose         | 40kg                   | 75057114m  | Yes, from 85° | 90°, in AND out    | -                 | -                   | Yes                   | 63-76mm   | 50mm+           |
| 57SF W              | Closer Hinge: Ideal for safety gates  | 40kg                   | 75057124m  | Yes, from 90° | 90°, in AND out    | -                 | Yes                 | Yes                   | 63-76mm   | 50mm+           |
| 108 W               | Closer Hinge: Final snap-close action | 80kg                   | 75108114m  | Yes, from 85° | 90°, in AND out    | Yes               | -                   | Yes                   | 63-76mm   | 75mm+           |
| 108SF W             | Closer Hinge: Safety, with snap-close | 80kg                   | 75108124m  | Yes, from 90° | 90°, in AND out    | Yes               | Yes                 | Yes                   | 63-76mm   | 75mm+           |
| <b>FLUSH MOUNT</b>  |                                       |                        |            |               |                    |                   |                     |                       |           |                 |
| SM AT90 W           | Hinge: Plain, pivoting                | -                      | 75001214   | -             | 180° one way       | -                 | -                   | -                     | 13mm      | 50mm+           |
| 57 AT90 W           | Closer Hinge: General purpose         | 40kg                   | 75057214m  | Yes, from 85° | 180° one way       | -                 | -                   | -                     | 13mm      | 50mm+           |
| 57SF AT90 W         | Closer Hinge: Ideal for safety gates  | 40kg                   | 75057224m  | Yes, from 90° | 90° one way        | -                 | Yes                 | -                     | 13mm      | 50mm+           |
| 108 AT90 W          | Closer Hinge: Final snap-close action | 80kg                   | 75108214m  | Yes, from 85° | 180° one way       | Yes               | -                   | -                     | 13mm      | 75mm+           |
| 108SF AT90 W        | Closer Hinge: Safety, with snap-close | 80kg                   | 75108224m  | Yes, from 90° | 90° one way        | Yes               | Yes                 | -                     | 13mm      | 75mm+           |

### Post Mounting Brackets\* sold separately

| Prod. Code | Mounting Style | Description   | Horizontal Adjustment | Fence Post Size |
|------------|----------------|---------------|-----------------------|-----------------|
| 7525       | Flush Mount    | Steel Weld-on | Yes, threaded         | 50mm+           |
| 7526       | Centre Mount   | Steel Weld-on | Yes, threaded         | 50mm+           |

**NOTE:** Screw-on aluminium brackets may be powdercoated or painted. Protect threads and moving parts when applying finish.  
\* All closers/hinges come with a gate-mounting bracket included, but post-mounting brackets are sold separately.  
\*\* Yes = Gates will not hold open at 90°, so therefore are suitable for safety gates. Do NOT use a hinge with 90° hold-open feature on pool/child safety gates.

**HANDY HINT: Safety Gate Closer Hinges**  
Brass end-caps indicate a self-closing hinge, but not all self-closing models are suitable for safety gates. A 5th dimple (see below) on some end-caps signifies an "SF" model, or Safety Gate model, meaning it IS suitable for use on child and pool safety gates.

