




Architectural Iron Designs, Inc.

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**LOCKS
4
GATES**

www.locks4gates.com

Hydraulic Gate Closers & Hinges



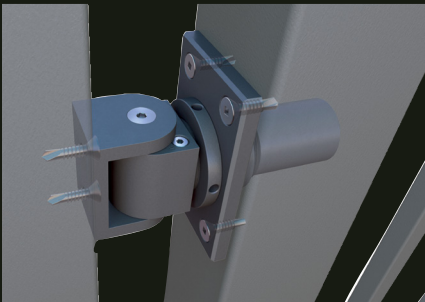
SUREClose®

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

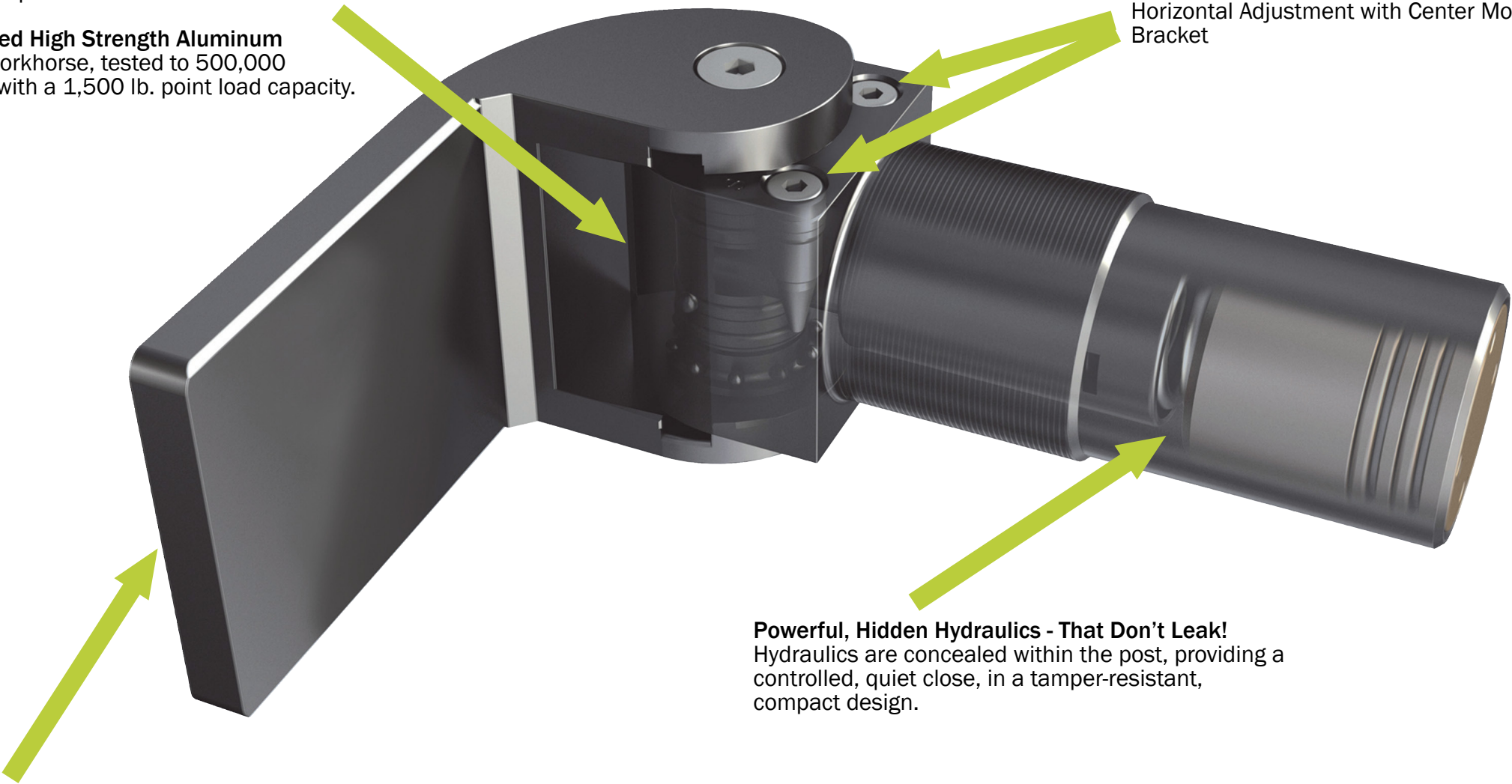
Non-Self-Closing model:
SureClose SM



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.



Multiple adjustment options:

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

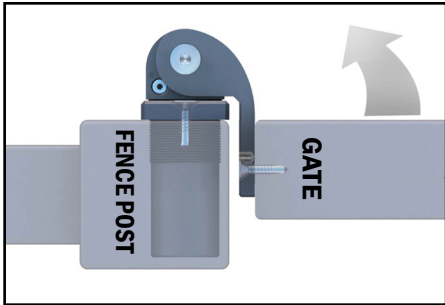
Powerful, Hidden Hydraulics - That Don't Leak!
Hydraulics are concealed within the post, providing a controlled, quiet close, in a tamper-resistant, compact design.

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

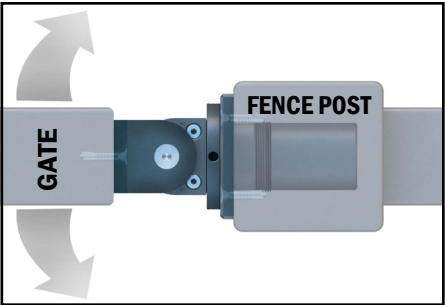
- Steel or Aluminum
- Fastened or Welded
- Flush Mount or Center Mount

- 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)

Flush Mount



Center Mount



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)

*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.



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

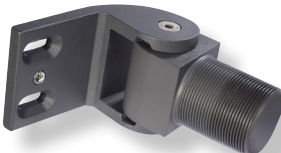


108 SF S
Item#: 75108123
SELF-CLOSING FROM 90°
• With Final Snap Action

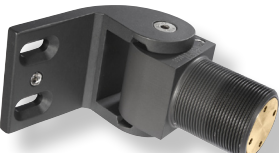
Item#*	Type	Description	Self-Closing	Max Gate Swing	Final Snap Action	Pool/ Child Safety**	Horiz Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (lbs/kg)
75001113	SM S	Heavy-Duty Hinge	-	90°	-	-	Yes	2 ½-3" (64-76mm)	2 ½" (64mm)	Center	1.08/0.50
75057113	57 S	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	-	Yes	2 ½-3" (64-76mm)	2 ½" (64mm)	Center	1.30/0.59
75057123	57SF S	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	Yes	Yes	2 ½-3" (64-76mm)	2 ½" (64mm)	Center	1.30/0.59
75108113	108 S	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	90°	Yes	-	Yes	2 ½-3" (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 ½-3" (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°	-	-	-	½" (13mm)	2" (50mm)	Flush	1.17/0.53
75057213	57 AT90 S	Heavy-Duty Hydraulic Closer & Hinge	Yes	180°	-	-	-	½" (13mm)	2" (50mm)	Flush	1.38/0.63
75057223	57SF AT90S	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	Yes	-	½" (13mm)	2" (50mm)	Flush	1.38/0.63
75108213	108 AT90 S	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	180°	Yes	-	-	½" (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	-	½" (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 ½-3" (64-76mm)	2 ½" (64mm)	Center	0.56/0.25
7512	6026-02	Aluminum	90°	Yes	2 ½-3" (64-76mm)	2 ½" (64mm)	Center	0.49/0.22
7513	6026-03	Aluminum	90°	Yes	2 ½-3" (64-76mm)	4" (102mm)	Center	0.64/0.29
7514	6026-04	Aluminum with Side Fixing Clamp	90°	-	2 ½ (64mm)	2 ½" (64mm)	Center	0.52/0.24
7515	6026-05	Aluminum	180°	-	½" (13mm)	2" (50mm)	Flush	0.35/0.16

SureClose for Steel Gates (Weld-on)

Center Mount



SM W
Item#: 75000114
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

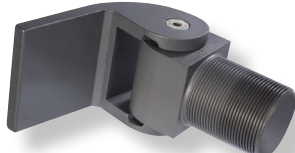


108SF W
Item#: 75108124
SELF-CLOSING FROM 90°
• With Final Snap Action

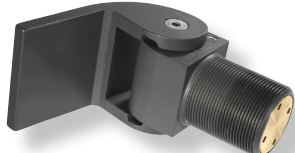
Item#*	Type	Description	Self-Closing	Max Gate Swing	Final Snap Action	Pool/ Child Safety**	Horiz Adjust.	Hinge Gap	Fence Post Size Min.	Mount Type	Weight (lbs/kg)
75001114	SM W	Heavy-Duty Hinge	-	90°	-	-	Yes	2 ½-3" (64-76mm)	2 ½" (64mm)	Center	1.41/0.64
75057114	57 W	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	-	Yes	2 ½-3" (64-76mm)	2 ½" (64mm)	Center	1.63/0.74
75057124	57SF W	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	Yes	Yes	2 ½-3" (64-76mm)	2 ½" (64mm)	Center	1.63/0.74
75108114	108 W	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	90°	Yes	-	Yes	2 ½-3" (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 ½-3" (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°	-	-	-	½" (13mm)	2" (50mm)	Flush	1.86/0.84
75057214	57 AT90 W	Heavy-Duty Hydraulic Closer & Hinge	Yes	180°	-	-	-	½" (13mm)	2" (50mm)	Flush	2.09/0.95
75057224	57SF AT90W	Heavy-Duty Hydraulic Closer & Hinge	Yes	90°	-	Yes	-	½" (13mm)	2" (50mm)	Flush	2.09/0.95
75108214	108 AT90 W	Heavy-Duty Hydraulic Closer & Hinge w/ Final Snap Action	Yes	180°	Yes	-	-	½" (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	-	½" (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°	-	½" (13mm)	2 ½" (64mm)	Flush	0.35/0.16
7526	0510-05	Steel	90°	Yes	2 ½-3" (64-76mm)	2 ½" (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

Flush Mount Brackets

Models	Bracket Material
75108214	Steel
75108213	Aluminum

SELF-CLOSING - NON SAFETY

Not suitable for child/pool safety

Use post bracket:
7525 Steel
7515 Aluminum

Flush Mount:
Face of gate and post are aligned.

Flush Mount Brackets

Models	Bracket Material
75108224	Steel
75108223	Aluminum

SELF-CLOSING - SAFETY (SF Model)

Suitable for child/pool safety*
DO NOT PROP GATE OPEN

Use post bracket:
7525 (W)
7515 Aluminum

Flush Mount:
Face of gate and post are aligned.

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

Center Mount Brackets

Models	Bracket Material
75108114	Steel
75108113	Aluminum

SELF-CLOSING - NON SAFETY

Not suitable for child/pool safety

Use post bracket:
7526 Steel
7511 Aluminum
7512 Aluminum
7513 Aluminum
7514 Aluminum

Center Mount:
Center of gate and post are aligned.

Center Mount Brackets

Models	Bracket Material
75108124	Steel
75108123	Aluminum

SELF-CLOSING - SAFETY (SF Model)

Suitable for child/pool safety*
DO NOT PROP GATE OPEN

Use post bracket:
7526 (W)
7511 Aluminum
7512 Aluminum
7513 Aluminum
7514 Aluminum

Center Mount:
Center of gate and post are aligned.

Use Gate Stop or latch to ensure gate swings away from pool.

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

Flush Mount Brackets

Models	Bracket Material
75057214	Steel
75057213	Aluminum

SELF-CLOSING - NON SAFETY

Not suitable for child/pool safety

Use post bracket:
7525 Steel
7515 Aluminum

Flush Mount:
Face of gate and post are aligned.

Flush Mount Brackets

Models	Bracket Material
75057224	Steel
75057223	Aluminum

SELF-CLOSING - SAFETY (SF Model)

Suitable for child/pool safety*
DO NOT PROP GATE OPEN

Use post bracket:
7525 Steel
7515 Aluminum

Flush Mount:
Face of gate and post are aligned.

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

Center Mount Brackets

Models	Bracket Material
75057114	Steel
75057113	Aluminum

SELF-CLOSING - NON SAFETY

Not suitable for child/pool safety

Use post bracket:
7526 Steel
7511 Aluminum
7512 Aluminum
7513 Aluminum
7514 Aluminum

Center Mount:
Center of gate and post are aligned.

Center Mount Brackets

Models	Bracket Material
75057124	Steel
75057123	Aluminum

SELF-CLOSING - SAFETY (SF Model)

Suitable for child/pool safety*
DO NOT PROP GATE OPEN

Use post bracket:
7526 Steel
7511 Aluminum
7512 Aluminum
7513 Aluminum
7514 Aluminum

Center Mount:
Center of gate and post are aligned.

Use Gate Stop or latch to ensure gate swings away from pool.

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

GATE FUNCTION

- Hold-open
Not for safety gates
- Self-close
Speed Adjustable
- Final Snap Action
For Electric/Coded Locks
- Free-Swinging

Flush Mount Brackets

Models	Bracket Material
75001214	Steel
75001213	Aluminum

NON SELF-CLOSING

Use post bracket:
7525 Steel
7515 Aluminum

Flush Mount:
Face of gate and post are aligned.

Center Mount Brackets

Models	Bracket Material
75001114	Steel
75001113	Aluminum

NON SELF-CLOSING

Use post bracket:
7526 Steel
7511 Aluminum
7512 Aluminum
7513 Aluminum
7514 Aluminum

Center Mount:
Center of gate and post are aligned.

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

7526

7525

7515

7513

7514

7512

7511

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



SUREClose®

The future of gate hardware.


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