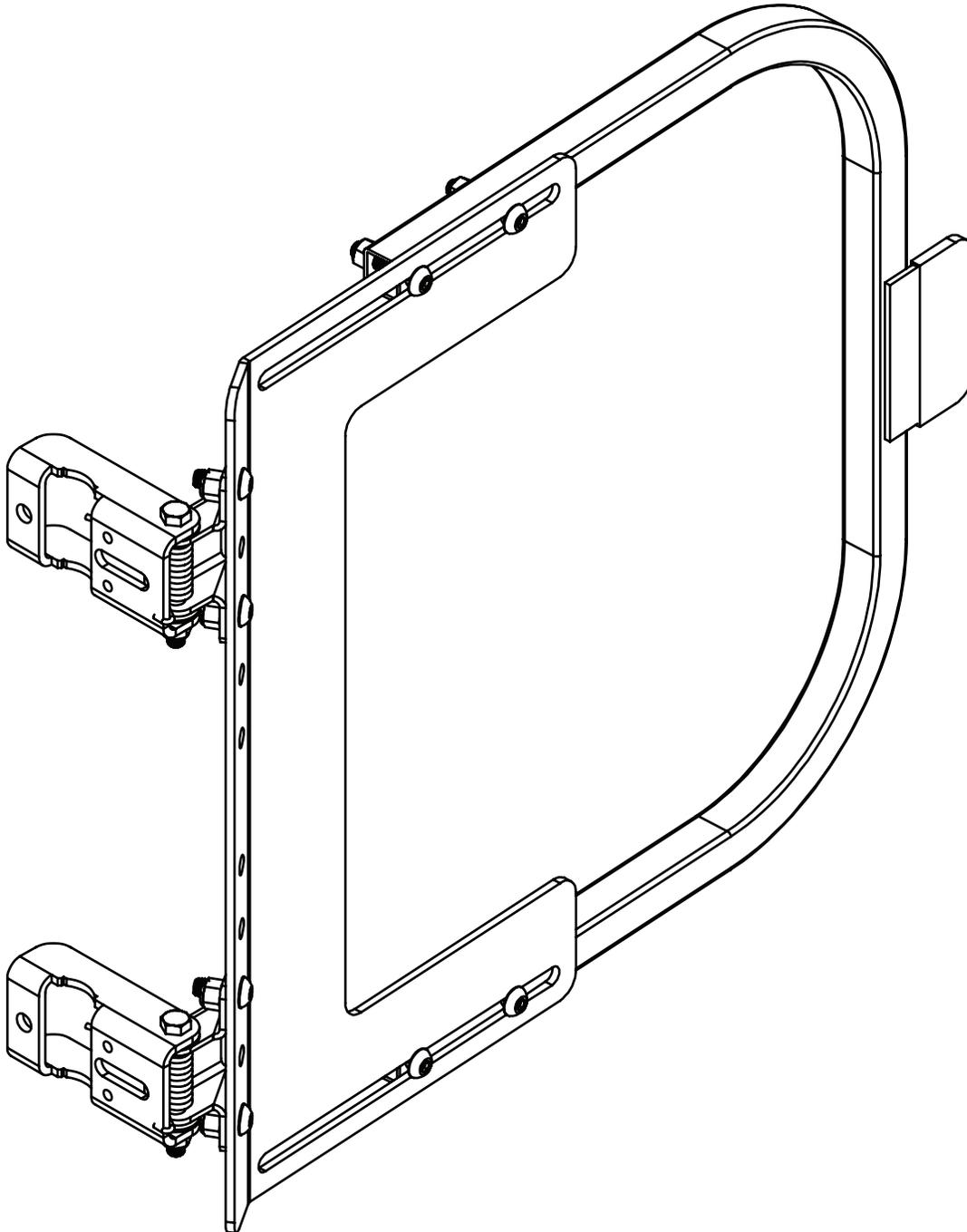




**SAFETY RAIL CO.**  
THE SAFEST

# SRC Self-Closing Gate

UNIVERSAL MOUNT ASSEMBLY INSTRUCTIONS



## WARNING

This gate must be installed compliant with OSHA standard 29 CFR 1910.29(B)(1).

Gate is rated to withstand a 200 lb. Live load (890 n.) horizontally and vertically according to OSHA 1910.29(b)(3)

EVALUATE — SPECIFY — MANUFACTURE — INSTALL — SERVICE

[THEsafest.com](http://THEsafest.com)

888.434.2720



# Self-Closing Gate



## Size & Finish Options

	ITEM #	DESCRIPTION	FINISH	WEIGHT
SMALL	401654	Adjustable Self-Closing Gate 16-22"	Powdercoat Yellow	14 lb.
	401674	Adjustable Self-Closing Gate 16-22"	Galvanized	14 lb.
	401694	Adjustable Self-Closing Gate 16-22"	Stainless Steel	14 lb.
MEDIUM	401655	Adjustable Self-Closing Gate 19-25"	Powdercoat Yellow	15 lb.
	401675	Adjustable Self-Closing Gate 19-25"	Galvanized	15 lb.
	401695	Adjustable Self-Closing Gate 19-25"	Stainless Steel	15 lb.
LARGE	401656	Adjustable Self-Closing Gate 26-32"	Powdercoat Yellow	16 lb.
	401676	Adjustable Self-Closing Gate 26-32"	Galvanized	16 lb.
	401696	Adjustable Self-Closing Gate 26-32"	Stainless Steel	16 lb.
XL	401657	Adjustable Self-Closing Gate 33-39"	Powdercoat Yellow	17 lb.
	401677	Adjustable Self-Closing Gate 33-39"	Galvanized	17 lb.
	401697	Adjustable Self-Closing Gate 33-39"	Stainless Steel	17 lb.
	401699	Latch Kit For Self-Closing Gate	Stainless Steel	1 lb.

## Periodic Maintenance Instructions

The self-closing gate system is designed to be mostly maintenance-free. However, the following technical procedures are recommended to ensure optimal performance and safety:

<b>INSPECTION OF MOUNTING HARDWARE</b>	<p>Conduct periodic evaluations of all mounting components. Check for any looseness or wear and ensure all hardware is securely fastened. Re-tighten as necessary using appropriate tools.</p> <p>Height Alignment Verification: Periodically examine the height alignment of the gate to confirm it remains consistent with installation specifications.</p>
<b>POST-INCIDENT ASSESSMENTS</b>	<p>In the event of any impact or operational anomaly, perform a comprehensive inspection of all gate elements, including hinges, latches, and closure mechanisms. Replace any components as required. (Replacement parts are available for purchase, please reach out for assistance)</p>

## Applicable OSHA Codes

<b>OSHA STANDARD COMPLIANCE</b>	29 CFR 1910.29(b)(1) & (b)(3) / 1910.28(b)(3)(iv)
<b>FORCE TESTED</b>	Tested for 200 lb (90.7kg) force in outward and downward directions
<b>ASSEMBLED HEIGHT</b>	42" (107cm) top rail, 21" (53cm) mid-rail
<b>GATE BODY MATERIAL</b>	3/16" (4.76mm) flat steel
<b>GATE ARM MATERIAL</b>	1" (25.4mm) x 14GA square tube
<b>STAINLESS STEEL TORSION SPRINGS</b>	Material 302SS 0.105"D
<b>FINISH OPTIONS</b>	Safety Yellow   Galvanized   304 Stainless Steel

# Self-Closing Gate

ASSEMBLY INSTRUCTIONS



## Mounting Hardware

### Tools Needed

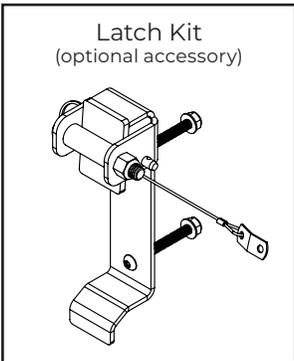
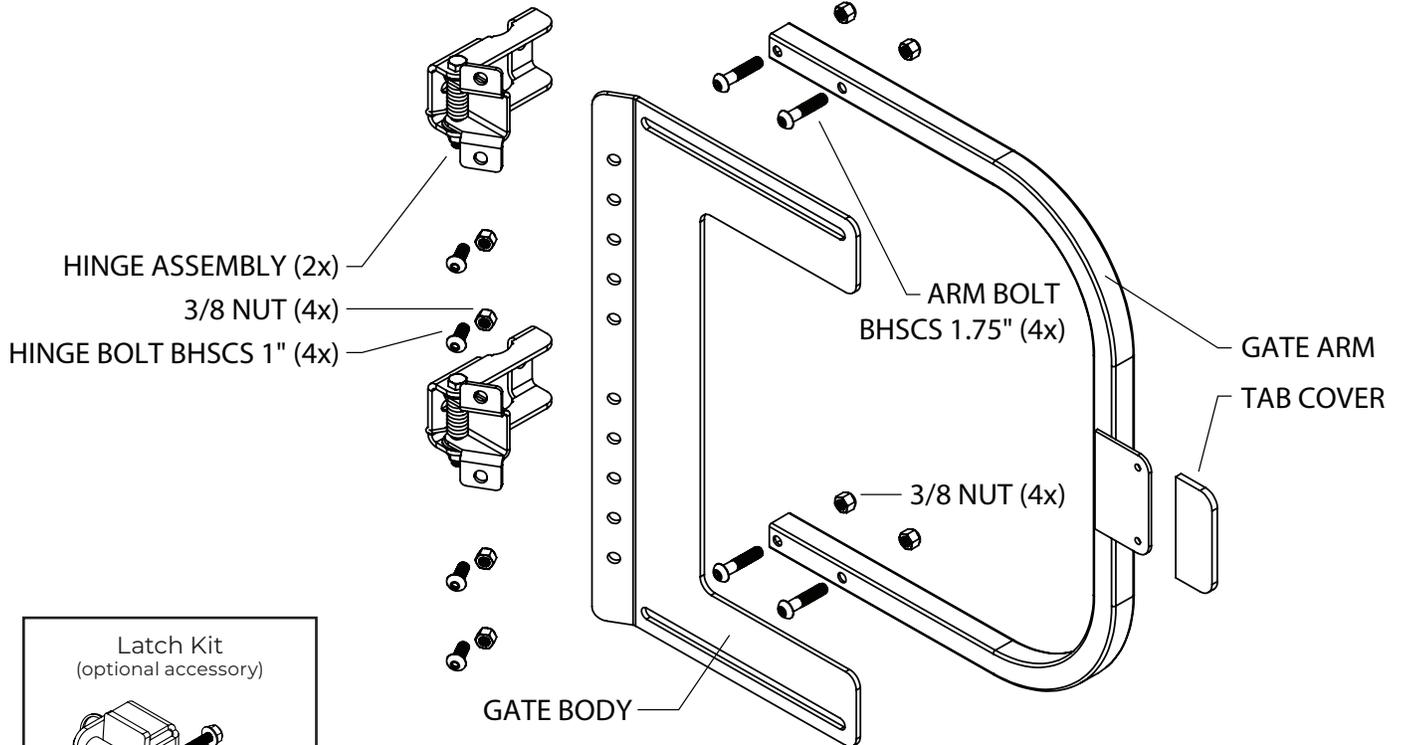
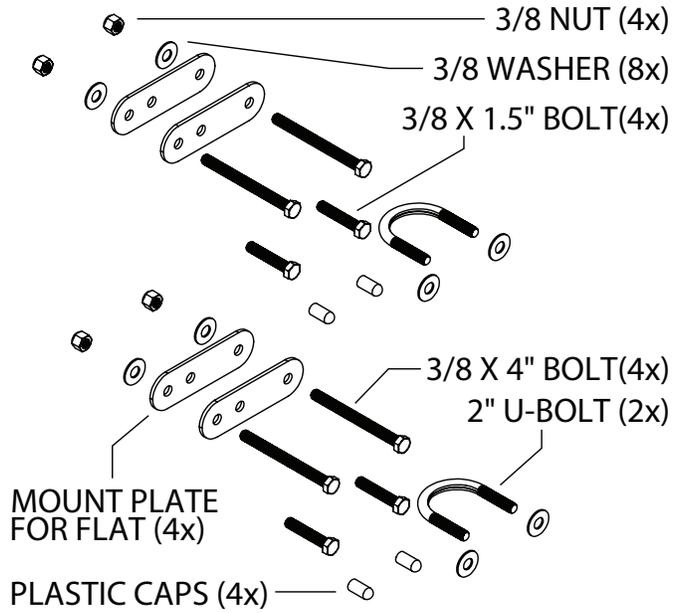
9/16" Wrench  
7/32" Hex Key (Included)

### If anchoring into wall (not supplied)

Drill  
3/8" drill bit  
Hilti Kh-Ez Screw Anchor  
3/8 X 3.5" (x4)

### Universal Mount Hinge fits:

Round Posts  
Square Posts  
Flat Bar  
Angle Iron  
Flat Wall



# Self-Closing Gate ASSEMBLY INSTRUCTIONS

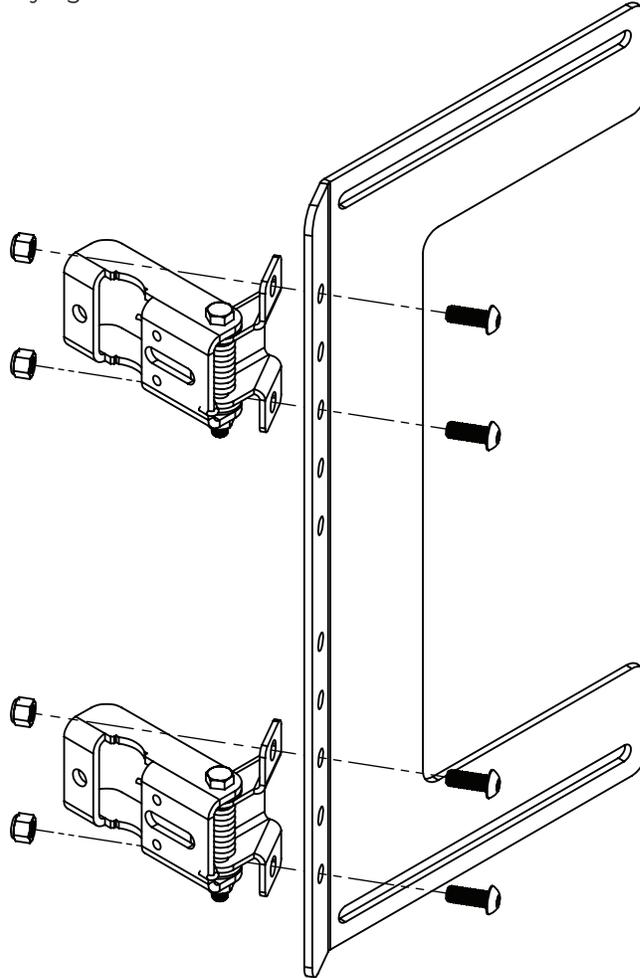


1

Remove all items from the shipping carton and check for correct shipment of items. Replace any damaged parts. All hardware required for assembly is provided in the shipping carton.

2

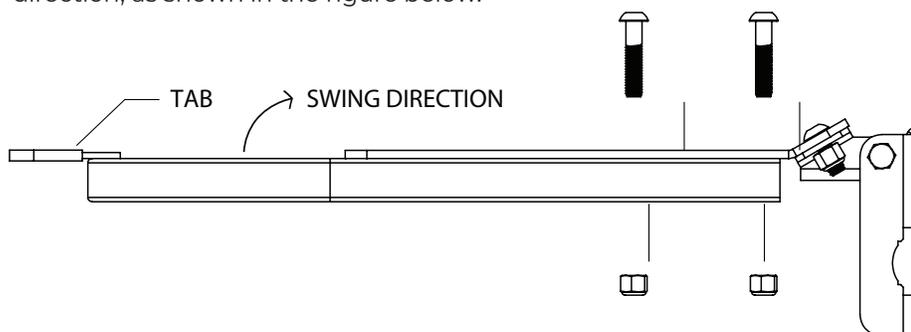
Assemble the hinge clamps to the gate body using 4x BHSCS 1" Hinge Bolts hardware provided. Fully tighten all hardware.



3

Loosely assemble the gate body to the gate arm using the 4x BHSCS 1.75" Arm Bolt hardware provided. Finger tighten all hardware.

Note: The gate arm must be assembled to the gate body with the tab towards the swing direction, as shown in the figure below.



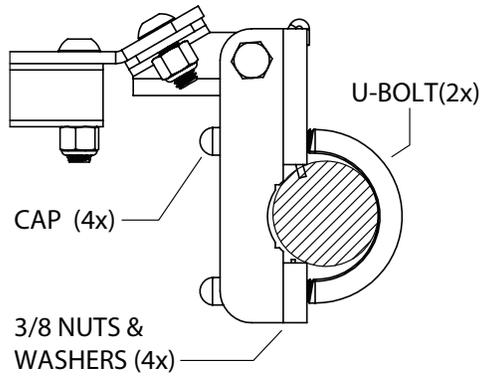
# Self-Closing Gate ASSEMBLY INSTRUCTIONS



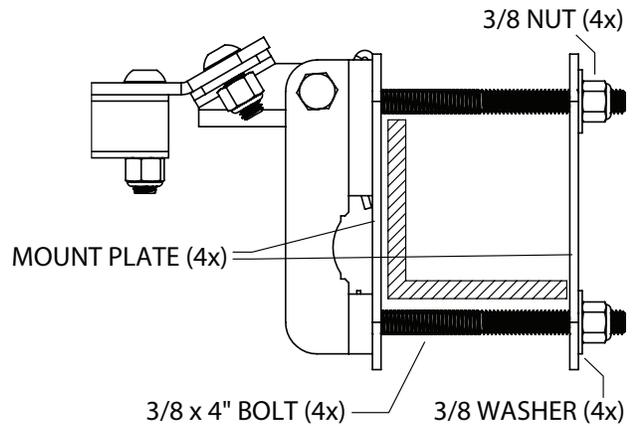
**4**

Select appropriate fasteners from the mounting hardware based on the below diagrams.

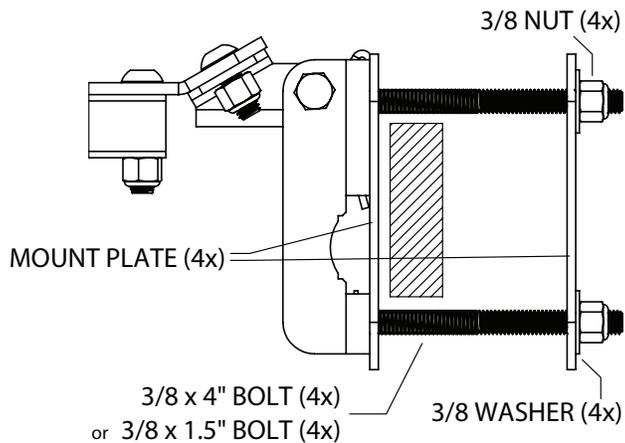
## Round Post



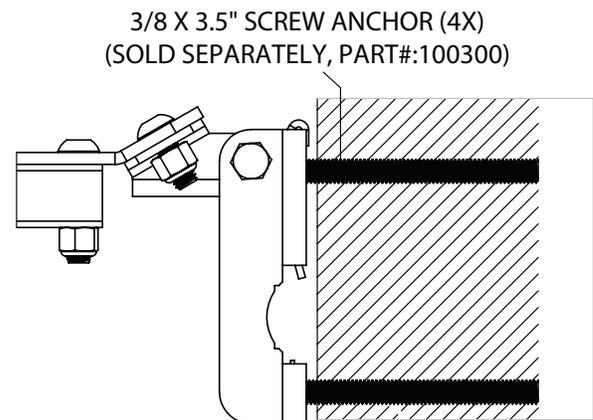
## Angle Iron



## Flat Bar or Square Post



## Flat Wall Configuration



# Self-Closing Gate ASSEMBLY INSTRUCTIONS



**5**

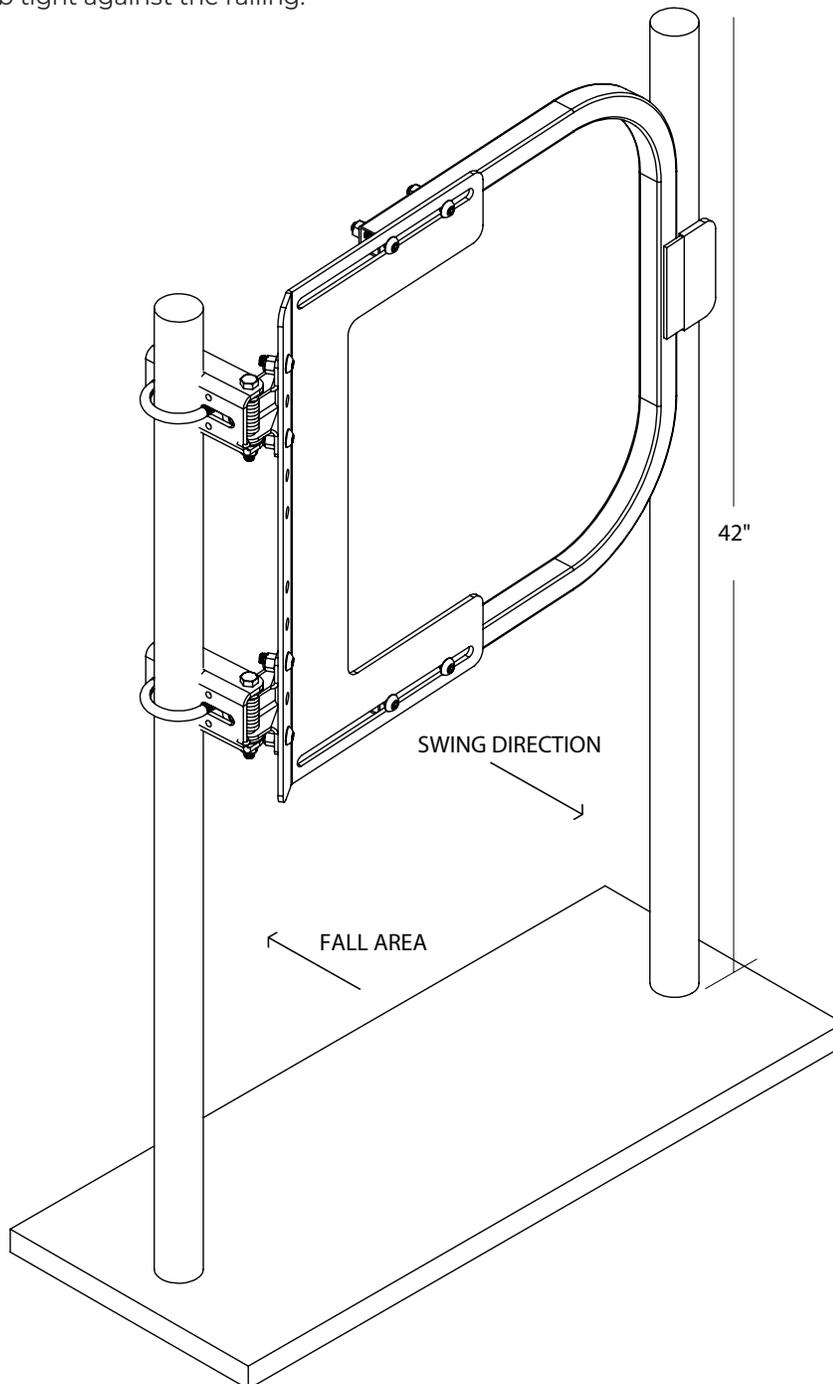
Attach gate using the appropriate fasteners. Set top of gate at 42" height from the floor and ensure gate swings open away from the fall edge. Tighten all hinge fasteners.

Note: Apply anti-seize lubricant to all stainless fasteners.

**6**

Adjust the gate arm to proper length and then fully tighten fasteners to the gate body. The gate is correctly assembled and aligned when the following criteria has been met:

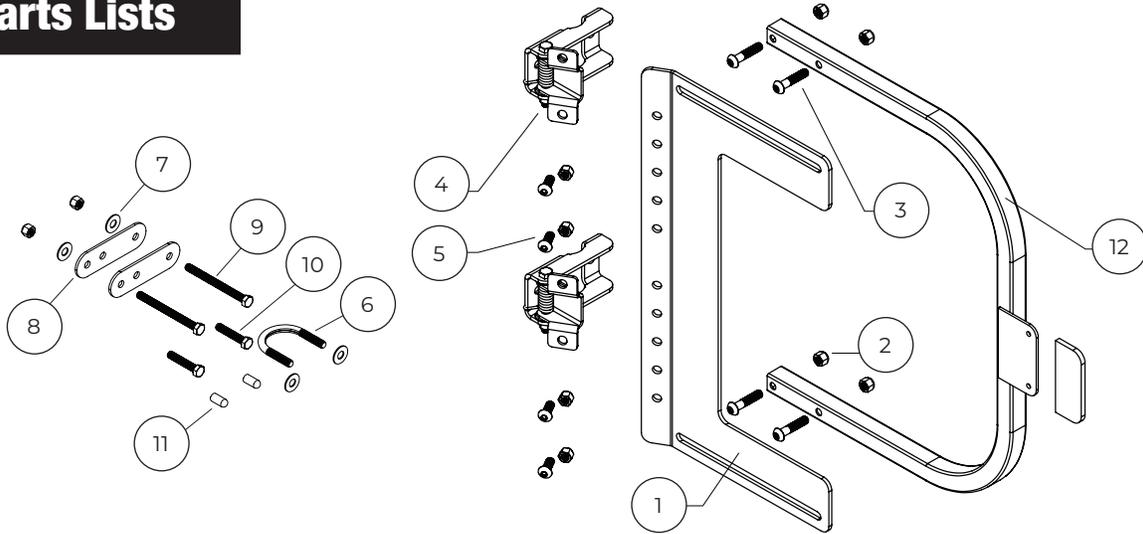
1. The top of the gate arm is 42" from the floor.
2. The gate swings open away from the fall area and self closes against the railing with the tab tight against the railing.



# Self-Closing Gate



## Parts Lists



ITEM #	PART #	DESCRIPTION	FINISH	QTY
1	421541	Self-Closing Gate Body	Powdercoat Yellow	1
	421542	Self-Closing Gate Body	Galvanized	
	421543	Self-Closing Gate Body	Stainless Steel	
2	100121	Nut-Nylock 3/8-16	Stainless Steel	12
3	100122	BHSCS 3/8-16 X 1.75	Stainless Steel	4
4	401592	Self-Closing Gate Hinge Assembly	Powdercoat Yellow	2
	401593	Self-Closing Gate Hinge Assembly	Galvanized	
	401594	Self-Closing Gate Hinge Assembly	Stainless Steel	
5	100347	BHSCS 3/8-16 X 1 1/8-8	Stainless Steel	4
6	100350	U-Bolt 3/8-16 X 2" X 2.625"	Stainless Steel	2
7	100123	Washer-Flat 3/8"	Stainless Steel	8
8	421540	Self-Closing Gate FF Clamp Plate	Stainless Steel	4
9	100348	HHCS 3/8-16 X 4.25" Fully Threaded	Stainless Steel	4
10	100349	HHCS 3/8-16 X 2" Fully Threaded	Stainless Steel	4
11	150090	3/8" Vinyl Cap	Vinyl	4
12	400317	Self-Closing Gate Arm Small - 16-22"	Powdercoat Yellow	1
	400136	Self-Closing Gate Arm Medium - 19-25"	Powdercoat Yellow	
	400079	Self-Closing Gate Arm Large - 26-32"	Powdercoat Yellow	
	400314	Self-Closing Gate Arm Extra Large - 33-39"	Powdercoat Yellow	
	400361	Self-Closing Gate Arm Small - 16-22"	Galvanized	
	400324	Self-Closing Gate Arm Medium - 19-25"	Galvanized	
	400345	Self-Closing Gate Arm Large - 26-32"	Galvanized	
	400074	Self-Closing Gate Arm Extra Large - 33-39"	Galvanized	
	400730	Self-Closing Gate Arm Small - 16-22"	Stainless Steel	
	400628	Self-Closing Gate Arm Medium - 19-25"	Stainless Steel	
	400636	Self-Closing Gate Arm Large - 26-32"	Stainless Steel	
	400637	Self-Closing Gate Arm Extra Large - 33-39"	Stainless Steel	



EVALUATE — SPECIFY — MANUFACTURE — INSTALL — SERVICE

[THEsafest.com](http://THEsafest.com)

888.434.2720

