

SHUT IT PRODUCT CATALOG VOLUME 11

*BRILLIANT DESIGNS.
BADASS PRODUCTS.
EPIC RESULTS.*

SHUT IT™

A D&D Technologies Company

GATE HARDWARE

DESIGNED, ENGINEERED AND
ASSEMBLED IN THE USA



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About SHUT IT:

SHUT IT™ Gate Hardware started as Counsel Industries, LLC and became an early leader in the design and distribution of hardware and gate systems for the fence and access control industries.

Mid-1990s: As vehicular access control began to explode as an industry, two veterans of the fence and access control industries discovered that many of their maintenance and repair issues for automated gate systems were being caused by the faulty or inferior hardware used on many gates. With the help of a team of engineers and an award winning CNC machinist, Counsel leaders set out to develop a line of products that would eliminate the damage caused to expensive operator systems by the poor hardware available in the market. After

years of development and field testing Counsel Industries was born.

1998: Counsel began marketing innovative gate solutions designed to ease installation requirements and eliminate premature wear on expensive automated gate operator systems.

2010: Counsel rebranded itself as SHUT IT Gate Hardware in order to better reflect what the company had become - Brilliant Designs. BadAss Products. Epic Results.

2016: D&D Technologies acquires SHUT IT Gate Hardware. BadAss hinges, HardCore Wheels, full cantilever and slider systems are added to the D&D family of products. D&D + SHUT IT: providing the industry with the broadest range of gate hardware.

The SHUT IT Difference

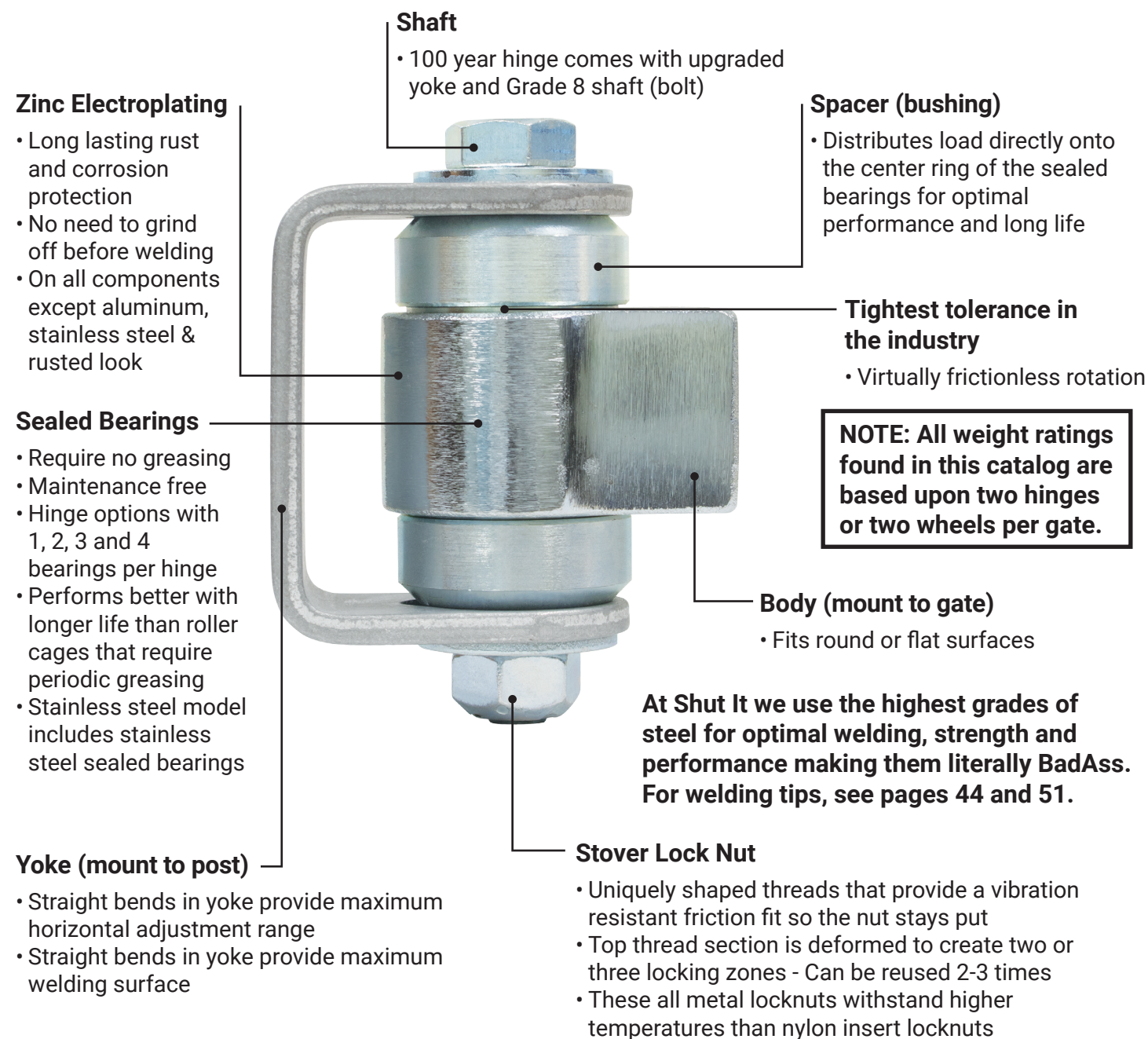
- CNC machined to the tightest tolerances in the industry
- Unique bushing design produces nearly frictionless movement and maintenance free usage
- Highest quality sealed radial ball bearings never need greasing or maintenance
- Four different sealed bearing configurations – 1, 2, 3 or 4 bearings per hinge. 2 bearings per wheel.
- All components are zinc electroplated to prevent rust and corrosion - Exceptions: aluminum, stainless steel and rusted look
- Steel stover lock nuts used prevent loosening and slipping
- Super hard, cold rolled steel used on all HardCORE wheels - Literally Hard to the CORE
- Slotted yokes for horizontal adjustability
- Designed by fence contractors for fence contractors

LIMITED

LIFETIME WARRANTY

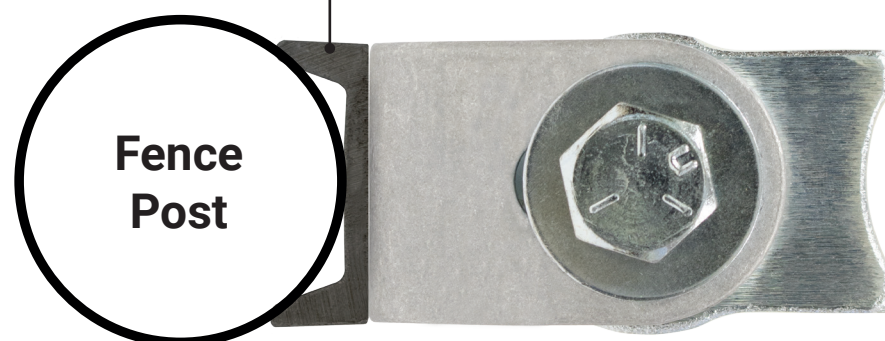
5 Years On Bearings

Anatomy of a BadAss Hinge

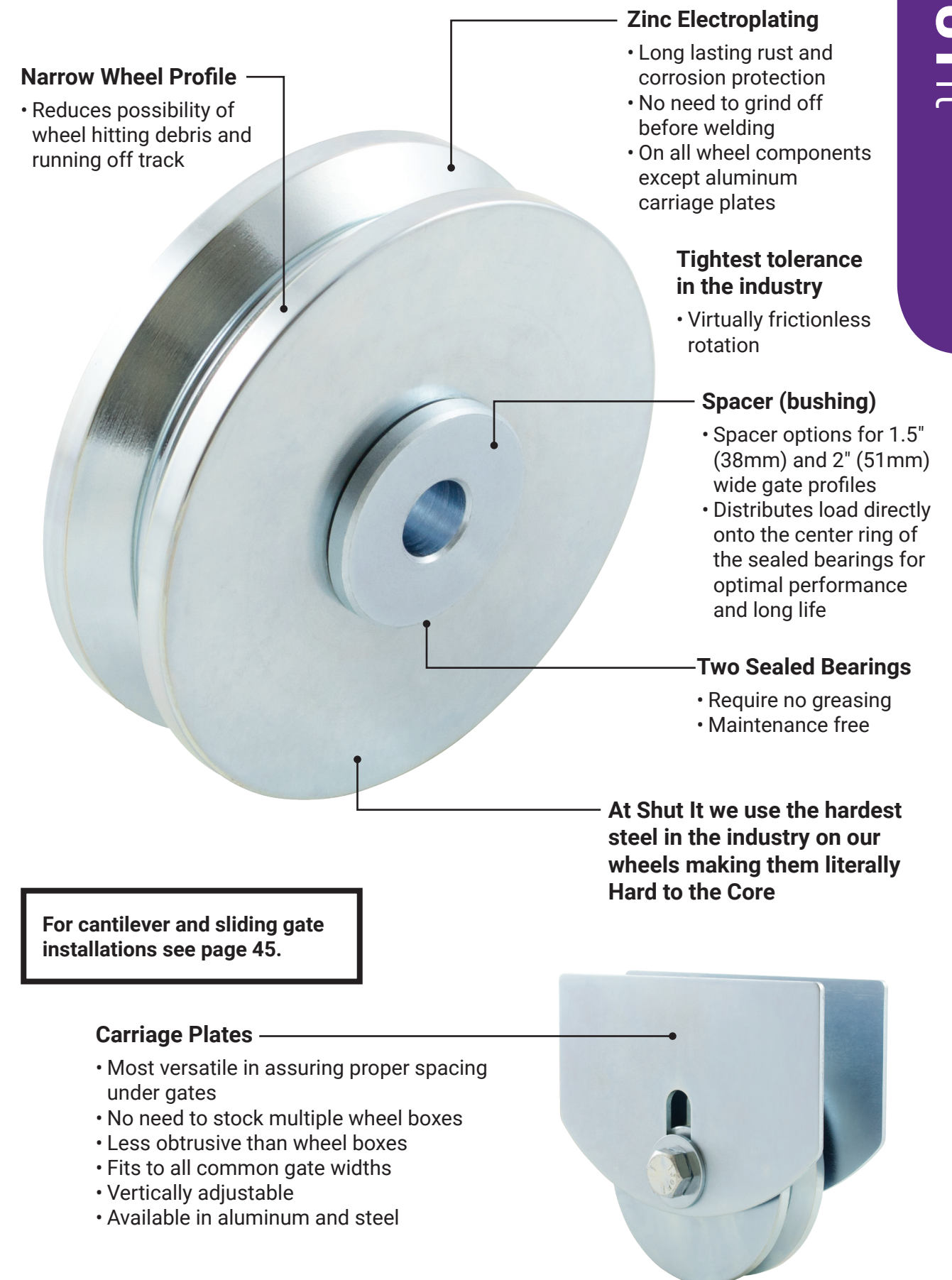


For Welding Yoke to Round Fence Post

- Weld 1½ x ½ x ⅛" (38x13x3mm) A36 Steel Bar Channel to yoke first. After cooling, weld bar channel to fence post



Anatomy of a HardCORE Wheel



Horizontally adjustable

- For round or flat surfaces

Sealed bearings

- Require no greasing
- Maintenance free
- Performs better with longer life than roller cages that require periodic greasing

Gates swings from
-5° to 110°

Oil impregnated bronze
bushings for long life

High tensile streng spring
300 lbs (136kg)
Self-closing ability

5 Tension adjustment
settings (threaded holes)

CI3850 set includes one CI3000

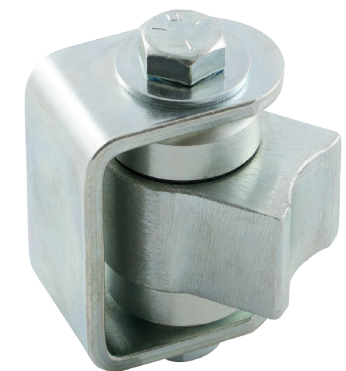
7/64" (3mm) Allen Key (included)

1. Remove the Tension Locking Screw located on the body
2. Insert the long end of the Allen key into 1 of 3 bottom adjustment guide holes and rotate
3. Once the threaded hole is lined up with the hole, re-insert the Tension Locking Screw
4. Tighten the Tension Locking Screw fully



Baby BadAss

1 Sealed Bearing



Original BadAss

2 Sealed Bearings



Heavy Duty BadAss

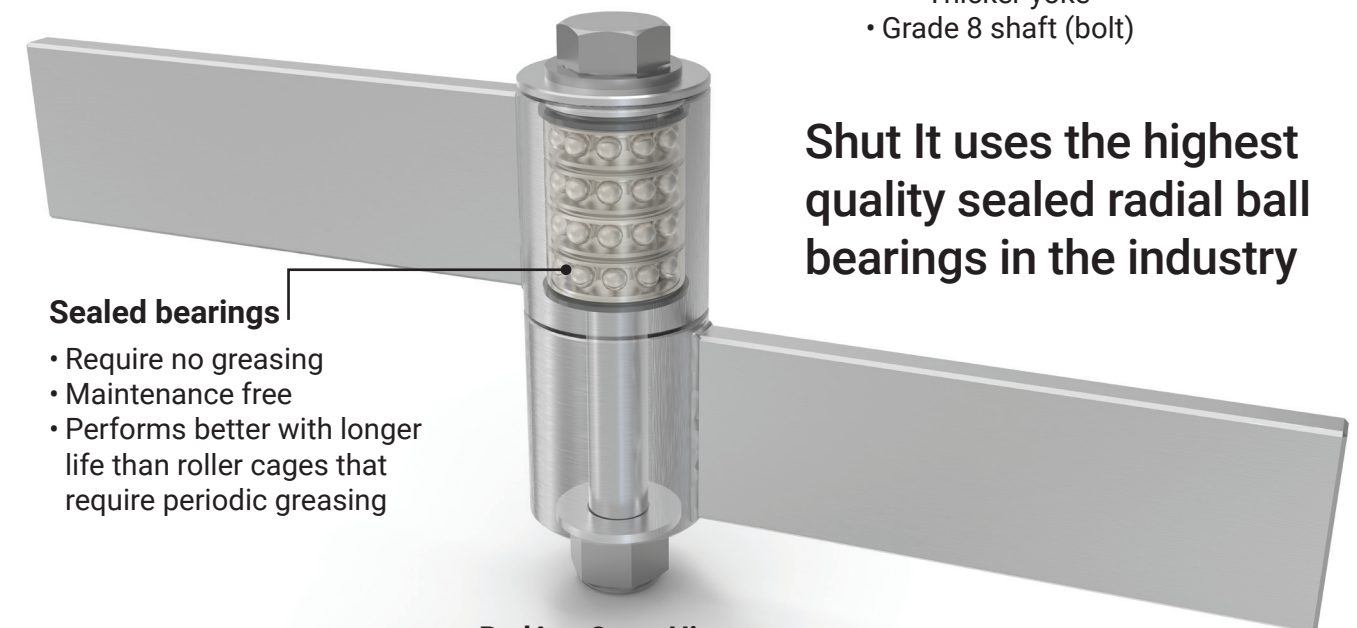
3 Sealed Bearings



100 Year BadAss

3 Sealed Bearings

- Thicker yoke
- Grade 8 shaft (bolt)



BadAss Strap Hinge

4 Sealed Bearings

Sealed bearings

- Require no greasing
- Maintenance free
- Performs better with longer life than roller cages that require periodic greasing

Shut It uses the highest
quality sealed radial ball
bearings in the industry

The BadAss Gate Hinges



Product Number	Product Name	Gap Variance Inch/mm**	Finish	# Of Sealed Bearings	Max Gate Weight lbs/kg	Max Gate Load lbs/kg	Yoke Mat'l*	Body Mat'l	Height inch/mm	Weight lbs/kg
CI3000	Original BadAss	2.4-2.9" (61-74mm)	Zinc	2	1,100 lbs (500kg)	2,000 lbs (900kg)	Steel	Steel	3.8" (97mm)	2.5 lbs (1.1kg)
CI3100	Original BadAss Rusted	2.4-2.9" (61-74mm)	Unfinished	2	1,100 lbs (500kg)	2,000 lbs (900kg)	Steel	Steel	3.8" (97mm)	2.5 lbs (1.1kg)
CI3200	Alum/Steel BadAss Combo	2.4-2.9" (61-74mm)	Unfinished / Zinc	2	600 lbs (270kg)	1,000 lbs (450kg)	Aluminum	Steel	3.8" (97mm)	2.5 lbs (1.1kg)
CI3300	Steel/Alum BadAss Combo	2.4-2.9" (61-74mm)	Zinc / Unfinished	2	600 lbs (270kg)	1,000 lbs (450kg)	Steel	Aluminum	3.8" (97mm)	2 lbs (1kg)
CI3400	Aluminum BadAss	2.4-2.9" (61-74mm)	Unfinished	2	600 lbs (270kg)	1,000 lbs (450kg)	Aluminum	Aluminum	3.8" (97mm)	2 lbs (1kg)
CI3500	Heavy Duty BadAss	2.4-2.9" (61-74mm)	Zinc	3	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	Steel	3.8" (97mm)	3.5 lbs (1.6kg)
CI3520	100 Year BadAss	2.5-3.0" (64-76mm)	Zinc	3	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	Steel	4.1" (104mm)	3.5 lbs (1.6kg)
CI3600	Baby BadAss	2.5-3.0" (64-76mm)	Zinc	1	300 lbs (140kg)	500 lbs (230kg)	Steel	Steel	1.3" (33mm)	1 lbs (0.5kg)
CI3620	Baby BadAss Rusted	2.5-3.0" (64-76mm)	Unfinished	1	300 lbs (140kg)	500 lbs (230kg)	Steel	Steel	1.3" (33mm)	1 lbs (0.5kg)
CI3650	Baby BadAss Aluminum	2.5-3.0" (64-76mm)	Unfinished	1	300 lbs (140kg)	500 lbs (230kg)	Aluminum	Aluminum	1.3" (33mm)	0.5 lbs (0.2kg)
CI3670	Baby BadAss Steel/Alum Combo	2.5-3.0" (64-76mm)	Zinc / Unfinished	1	300 lbs (140kg)	500 lbs (230kg)	Steel	Aluminum	1.3" (33mm)	1 lbs (0.5kg)
CI3800	Stainless Steel BadAss †	2.4-2.9" (61-74mm)	Unfinished	2	1,100 lbs (500kg)	2,000 lbs (900kg)	Stainless	Stainless	3.8" (97mm)	2.5 lbs (1.1kg)
CI3850	Self-closing BadAss Set † †	2.4-2.9" (61-74mm)	Zinc	2/2	300 lbs (140kg)	2,000 lbs (900kg)	Steel	Steel	5.0" (127mm)	5.5 lbs (2.5kg)

* For welding yoke to round fence post, weld 1½ x ½ x ⅛" (38x13x3mm) A36 steel bar channel to yoke first. After cooling, weld bar channel to fence post.
** Adjustable yoke for perfect installations.

† All components, including the sealed bearings, are stainless steel.
† † Set comes with one self-closing hinge plus one CI3000. Maximum gate weight 1,100 lbs (500kg), but the maximum self-closing weight is 300 lbs (140kg).

All weight ratings are based upon two hinges.

The BadAss Bolt-On Gate Hinges

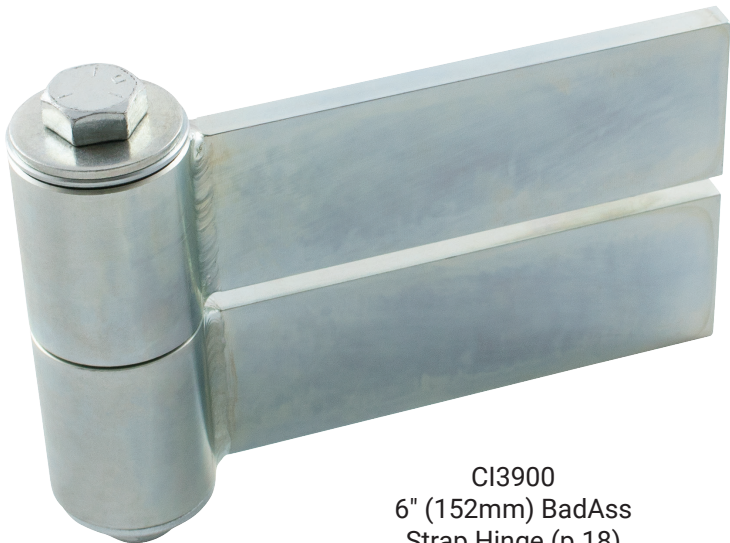


All weight ratings are based upon two hinges.

Product Number	Product Name	Gap Variance Inches *	Finish	# Of Sealed Bearings	Max Gate Weight lbs/kg	Max Gate Load lbs/kg	Yoke Mat'l	Body Mat'l	Height inch/mm	Weight lbs/kg
CI2051	4" (102mm) Round Bolt-on BadAss	2.7-3.2" (69-81mm)	Zinc	2	1,000 lbs (450kg)	2,000 lbs (900kg)	Steel	Steel	7.5" (191mm)	5 lbs (2.3kg)
CI2053	6" (152mm) Round Bolt-on BadAss	2.7-3.2" (69-81mm)	Zinc	2	1,000 lbs (450kg)	2,000 lbs (900kg)	Steel	Steel	7.5" (191mm)	10 lbs (4.5kg)
CI2054	8" (203mm) Round Bolt-on BadAss	2.7-3.2" (69-81mm)	Zinc	2	1,000 lbs (450kg)	2,000 lbs (900kg)	Steel	Steel	7.5" (191mm)	15 lbs (6.8kg)
CI3700	Bolt-on BadAss	2.9-3.4" (74-86mm)	Zinc	2	1,000 lbs (450kg)	2,000 lbs (900kg)	Steel	Steel	7.5" (191mm)	3.5 lbs (1.6kg)
CI3750	Baby Bolt-on BadAss	3.0-3.5" (76-89mm)	Zinc	1	250 lbs (110kg)	600 lbs (270kg)	Steel	Steel	4.0" (102mm)	2.0 lbs (1kg)
CI3770	Half Bolt-on BadAss	2.65-3.15" (67-80mm)	Zinc	2	1,000 lbs (450kg)	2,000 lbs (900kg)	Steel	Steel	7.5" (191mm)	2.5 lbs (1.1kg)

* Adjustable yoke for perfect installations.

The **BadAss** Barrel Hinges



CI3900
6" (152mm) BadAss
Strap Hinge (p.18)



CI3950
Barrel BadAss
Hinge (p.18)



CI3925
10" (254mm) BadAss
Strap Hinge (p.18)

For uphill gate installation and
welding tips see pages 44 and 51.

All weight ratings are based upon two hinges.

Product Number	Product Name	Gap Variance inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Max Gate Weight lbs/kg	Max Gate Load lbs/kg	Yoke Mat'l	Body Mat'l	Height inch/mm	Weight lbs/kg
CI3900	6" (152mm) Strap Hinge	Fixed 1/2" (13mm)	Weld	Zinc	4	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	Steel	5.9" (150mm)	6 lbs (2.7kg)
CI3925	10" (254mm) Strap Hinge	Fixed 1/2" (13mm)	Weld	Zinc	4	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	Steel	5.9" (150mm)	7.5 lbs (3.4kg)
CI3950	Barrel Hinge	Fixed 1/2" (13mm)	Bolt-on or Weld	Zinc	4	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	Steel	5.9" (150mm)	4.0 lbs (1.8kg)
CI3975	Uphill Strap Hinge Set*	Fixed 1/2" (13mm)	Weld	Zinc	4/4	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	Steel	5.9" (150mm)	13.5 lbs (6.1kg)

*Set comes with one CI3900 and one CI3925.

The **HardCORE** Wheels and Accessories



CI2240
HardCore Cantilever
Wheel Assembly (p.27)



CI2300
HardCore Gate
Guide Assembly (p.29)



CI2515
HardCore V-Groove Wheel
with Carriage Plates (p.24)



CI2620
HardCore V-Groove
Wheel (p.22)

Product Number	Product Name**	Fixing Method	Finish	# Of Sealed Bearings	Max Gate Weight lbs/kg	Max Gate Load lbs/kg	Wheel Mat'l	Carriage Plate Mat'l	Height inch/mm	Weight lbs/kg
CI2140	4" (102mm) Carriage Plate Set - Steel ††	Weld	Zinc	-	-	-	Steel	Steel	4" (102mm)	2 lbs (1kg)
CI2140A	4" (102mm) Carriage Plate Set - Aluminum ††	Weld	Zinc	-	-	-	Steel	Alum	4" (102mm)	1.5 lbs (0.7kg)
CI2160	6" (152mm) Carriage Plate Set - Steel ††	Weld	Zinc	-	-	-	Steel	Steel	6" (152mm)	3.5 lbs (1.6kg)
CI2160A	6" (152mm) Carriage Plate Set - Aluminum ††	Weld	Zinc	-	-	-	Steel	Alum	6" (152mm)	2 lbs (1kg)
CI2240	4" (102mm) Cantilever Wheel Assembly	Weld	Zinc	2	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	Steel	6" (152mm)	5 lbs (2.3kg)
CI2260	6" (152mm) Cantilever Wheel Assembly	Weld	Zinc	2	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	Steel	8" (203mm)	10.5 lbs (4.8kg)
CI2300	Guide Assembly	Weld	Zinc	2	-	-	Steel	-	6" (152mm)	4 lbs (1.8kg)
CI2350	Extended Guide Assembly	Weld	Zinc	2	-	-	Steel	-	10" (254mm)	4.5 lbs (2kg)
CI2340	4" (102mm) Carriage Cap	Weld	Zinc	-	-	-	Steel	-	6" (152mm)	1 lbs (0.5kg)
CI2360	6" (152mm) Carriage Cap	Weld	Zinc	-	-	-	Steel	-	8" (203mm)	1.5 lbs (0.7kg)
CI2415	4" (102mm) Wheel - 1.5" (38mm) Frame	Bolts to plates	Zinc	2	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	-	4" (102mm)	4.5 lbs (2kg)
CI2420	4" (102mm) Wheel - 2.0" (51mm) Frame	Bolts to plates	Zinc	2	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	-	4" (102mm)	4.5 lbs (2kg)
CI2515	4" (102mm) Wheel - 1.5" (38mm) Frame Set *	Weld	Zinc	2	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	Steel	4" (102mm)	6 lbs (2.7kg)
CI2520	4" (102mm) Wheel - 2.0" (51mm) Frame Set *	Weld	Zinc	2	1,500 lbs (680kg)	3,000 lbs (1,360kg)	Steel	Steel	4" (102mm)	6 lbs (2.7kg)
CI2615	6" (152mm) Wheel - 1.5" (38mm) Frame	Bolts to plates	Zinc	2	2,200 lbs (1,000kg)	5,000 lbs (2,270kg)	Steel	-	6" (152mm)	9 lbs (4kg)
CI2620	6" (152mm) Wheel - 2.0" (51mm) Frame	Bolts to plates	Zinc	2	2,200 lbs (1,000kg)	5,000 lbs (2,270kg)	Steel	-	6" (152mm)	9.5 lbs (4.3kg)
CI2625	6" (152mm) Wheel - For Wheel Boxes †	Bolts to box	Zinc	2	2,200 lbs (1,000kg)	5,000 lbs (2,270kg)	Steel	-	6" (152mm)	9.5 lbs (4.3kg)
CI2715	6" (152mm) Wheel - 1.5" (38mm) Frame Set *	Weld	Zinc	2	2,200 lbs (1,000kg)	5,000 lbs (2,270kg)	Steel	Steel	6" (152mm)	12 lbs (5kg)
CI2720	6" (152mm) Wheel - 2.0" (51mm) Frame Set *	Weld	Zinc	2	2,200 lbs (1,000kg)	5,000 lbs (2,270kg)	Steel	Steel	6" (152mm)	12.5 lbs (6kg)

* Includes one wheel and two slotted carriage plates.
** All wheels include axle bolt, washers and lock nuts.

† For retrofit/repair
† † Set includes two slotted carriage plates.

The Original BadAss

The ORIGINAL BadAss gate hinge by SHUT IT is CNC machined to the tightest tolerances in the industry. Due to SHUT IT’s unique bushing design The ORIGINAL, like all other SHUT IT gate hinges, produces near frictionless movement with maintenance free usage.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable yoke for perfect installations
- Ideal for both flat and round post installations
- Load rating per gate: 2,000 lbs (900kg)
- Maximum gate weight: 1,100 lbs (500kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3000	2.4-2.9" (61-74mm)	Weld	Zinc	2	Steel	Steel	3.8" (97mm)	2.5 lbs (1.1kg)

The Rusted Look Original BadAss

The Rusted Look Original BadAss gate hinge is designed to blend in on fences with a rust patina. No zinc plating except on shaft, washer and lock nut. Due to SHUT IT’s unique bushing design The Rusted Look Original, like all other SHUT IT gate hinges, produces near frictionless movement with maintenance free usage.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable yoke for perfect installations
- Ideal for both flat and round post installations
- Load rating per gate: 2,000 lbs (900kg)
- Maximum gate weight: 1,100 lbs (500kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3100	2.4-2.9" (61-74mm)	Weld	Unfinished	2	Steel	Steel	3.8" (97mm)	2.5 lbs (1.1kg)

The Heavy Duty BadAss

The HD (Heavy-Duty) BadAss Hinge is one mighty dude! Designed for the rarest of installations where even The ORIGINAL is not BAD enough. For these situations, SHUT IT has designed the HD to hold 50 percent more load than The ORIGINAL. Do not worry, as with all our BadAss hinges, the HD is CNC machined to the industry’s tightest tolerances.

KEY FEATURES

- Three sealed maintenance free bearings (no greasing)
- Adjustable yoke for perfect installations
- Ideal for both round and flat post installations
- Load rating per gate: 3,000 lbs (1,360kg)
- Maximum gate weight: 1,500 lbs (680kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3500	2.4-2.9" (61-74mm)	Weld	Zinc	3	Steel	Steel	3.8" (97mm)	3.5 lbs (1.6kg)

The 100 Year BadAss Hinge

SHUT IT’s biggest and baddest gate hinge is so durable our standard lifetime warranty does not do it justice. Therefore, we decided to warranty the product for 100 years. The Hundred Year Hinge uses the unique SHUT IT bushing design with upgraded hardware for additional strength and longevity.

KEY FEATURES

- Three sealed maintenance free bearings (no greasing)
- Adjustable yoke for perfect installations
- Ideal for both round and flat post installations
- Upgraded yoke and grade 8 bolt (Shaft)
- Load rating per gate: 3,000 lbs (1,360kg)
- Maximum gate weight: 1,500 lbs (680kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3520	2.5-3.0" (64-76mm)	Weld	Zinc	3	Steel	Steel	4.1" (104mm)	3.5 lbs (1.6kg)

The Stainless BadAss

Like The ORIGINAL BadAss, The Stainless Steel BadAss Gate Hinge by SHUT IT is CNC machined to the tightest tolerances in the industry. However, for this hinge we went all out and used stainless steel for ALL the components. Yes, we said ALL components (even the bearings).

KEY FEATURES

- 304 stainless steel includes the bearings, shaft (bolt), washers and lock nut
- Two sealed maintenance free bearings (no greasing)
- Adjustable yoke for perfect installations
- Ideal for both flat and round post installations
- Load rating per gate: 2,000 lbs (900kg)
- Maximum gate weight: 1,100 lbs (500kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3800	2.4-2.9" (61-74mm)	Weld	Unfinished	2	Stainless	Stainless	3.8" (97mm)	2.5 lbs (1.1kg)

The Aluminum BadAss

Like The ORIGINAL BadAss, The Aluminum BadAss Gate Hinge by SHUT IT is CNC machined to the tightest tolerances in the industry. Unlike The ORIGINAL, the Aluminum BadAss is made out off aluminum. Due to SHUT IT's unique bushing design The Aluminum BadAss, like all other SHUT IT gate hinges, produces near frictionless movement with maintenance free usage.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable yoke for perfect installations
- Ideal for both flat and round post installations
- Load rating per gate: 1,000 lbs (450kg)
- Maximum gate weight: 600 lbs (270kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3400	2.4-2.9" (61-74mm)	Weld	Unfinished	2	Alum	Alum	3.8" (97mm)	2 lbs (1kg)

The Combo BadAss with Steel Body

The Combo BadAss Gate Hinge was designed using the same technology as all our BIG hinges, but with the understanding that not all installations are exclusively steel or aluminum. This Combo BadAss is perfect for welding gates upside down, or in the rare cases where you have an aluminum endpost and a steel gate.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Slotted for easy adjustment
- Round or plate post installations
- Load rating per gate: 1,000 lbs (450kg)
- Maximum gate weight: 600 lbs (270kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3200	2.4-2.9" (61-74mm)	Weld	Unfinished / Zinc	2	Alum	Steel	3.8" (97mm)	2.5 lbs (1.1kg)

The Combo BadAss with Aluminum Body

The Combo BadAss Gate Hinge was designed using the same technology as all our BIG hinges, but with the understanding that not all installations are exclusively steel or aluminum. The Combo BadAss is perfect for that high-end installation where an alumunum gate is welded to a steel endpost in the field.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable yoke for perfect installations
- Ideal for flat post installations
- Load rating per gate: 1,000 lbs (450kg)
- Maximum gate weight: 600 lbs (270kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3300	2.4-2.9" (61-74mm)	Weld	Zinc/ Unfinished	2	Steel	Alum	3.8" (97mm)	2 lbs (1kg)

The Baby BadAss

Made with the same BadAss technology but designed for the lighter side, the Baby BadAss is the perfect gate hinge for high-end pedestrian gates and low usage drive entry gates.

KEY FEATURES

- One sealed maintenance free bearing (no greasing)
- Slotted for easy adjustment
- Ideal for flat or round post installations
- Load rating per gate: 500 lbs (230kg)
- Maximum gate weight: 300 lbs (140kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3600	2.5-3.0" (64-76mm)	Weld	Zinc	1	Steel	Steel	1.3" (33mm)	1 lbs (0.5kg)

The Rusted Look Baby BadAss

The Rusted Look Baby BadAss gate hinge is designed to blend in on fences with a rust patina. No zinc plating except on shaft, washer and lock nut. Made with the same BadAss technology used for BIG hinges, but designed for the lighter side, the Rusted Look Baby BadAss is the perfect gate hinge for high-end pedestrian gates and low usage drive entry gates.

KEY FEATURES

- One sealed maintenance free bearing (no greasing)
- Slotted for easy adjustment
- Round or plate post installations
- Load rating per gate: 500 lbs (230kg)
- Maximum gate weight: 300 lbs (140kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3620	2.5-3.0" (64-76mm)	Weld	Unfinished	1	Steel	Steel	1.3" (33mm)	1 lbs (0.5kg)

The Aluminum Baby BadAss

Made with the same BadAss technology as our BIG hinges, but designed for the lighter side, The Aluminum Baby BadAss is the perfect gate hinge for high-end aluminum pedestrian gates and low usage drive entry gates.

KEY FEATURES

- One sealed maintenance free bearing (no greasing)
- Slotted for easy adjustment
- Round or plate post installations
- Load rating per gate: 500 lbs (230kg)
- Maximum gate weight: 300 lbs (140kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3650	2.5-3.0" (64-76mm)	Weld	Unfinished	1	Alum	Alum	1.3" (33mm)	0.5 lbs (0.2kg)

The Combo Baby BadAss

Made with the same BadAss technology as our BIG hinges, but designed for the lighter side, The Baby BadAss Combo is the perfect gate hinge for high-end aluminum pedestrian gates and low usage drive entry gates that are welded to steel end post in the field.

KEY FEATURES

- One sealed maintenance free bearing (no greasing)
- Slotted for easy adjustment
- Round or plate post installations
- Load rating per gate: 500 lbs (230kg)
- Maximum gate weight: 300 lbs (140kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3670	2.5-3.0" (64-76mm)	Weld	Zinc/ Unfinished	1	Steel	Alum	1.3" (33mm)	1 lbs (0.5kg)

The BadAss Strap Hinge

One of SHUT IT Gate Hardware’s newest gate hinges, the BadAss Strap Hinge, is a barrel hinge that includes an extended 10” (254mm) strap for convenient and flexible gate installations. The strap hinge is also one of SHUT IT’s strongest gate hinges with more bearing load than any hinge on the market.

KEY FEATURES

- Four sealed maintenance free bearings (no greasing)
- Ideal for flat post installation
- Limited lifetime warranty (5 years on bearings)
- Swings 180°
- Load rating per gate: 3,000 lbs (1,360kg)
- Maximum gate weight: 1,500 lbs (680kg)

SKU	Product Name	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3900	6" (152mm) Strap Hinge	Fixed 1/2" (13mm)	Weld	Zinc	4	Steel	Steel	5.9" (150mm)	6 lbs (2.7kg)
CI3925	10" (254mm) Strap Hinge	Fixed 1/2" (13mm)	Weld	Zinc	4	Steel	Steel	5.9" (150mm)	7.5 lbs (3.4kg)
CI3975	Uphill Strap Hinge Set*	Fixed 1/2" (13mm)	Weld	Zinc	4/4	Steel	Steel	5.9" (150mm)	13.5 lbs (6.1kg)

* Set comes with one CI3900 and one CI3925

The BadAss Barrel Hinge

The BadAss Barrel Hinge from SHUT IT Gate Hardware is the strongest and most versatile gate hinge on the market. Ideal for nearly all heavy-duty gate installations the BadAss Barrel Hinge is the game changer in the industry. The gate hinge can be installed where a full 180 degree gate opening is required and has the ability to reduce the gap between end post and gate to under 1/2”(13mm).

KEY FEATURES

- Four sealed maintenance free bearings (no greasing)
- For flat post installations
- Bolt-on and weld-on installations
- Swings 180°
- Load rating per gate: 3,000 lbs (1,360kg)
- Maximum gate weight: 1,500 lbs (680kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3950	Fixed 1/2" (13mm)	Bolt-on or Weld	Zinc	4	Steel	Steel	5.9" (150mm)	4.0 lbs (1.8kg)

The Self-Closing BadAss Hinge Set

With the BadAss Self-Closing Hinge you no longer need a separate closer for jobs that require a self-closing gate. The closer is built into the hinge! Get the benefits of the best heavy duty gate hinges and a reliable closer in one package. Save hundreds on poorly designed gate closers and hydraulic door closers that are adapted to gate systems.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Easy to install, heavy duty self-closing hinge
- Set includes one self-closing hinge and one Original BadAss hinge
- Adjustable yoke for perfect installations
- 5 Tension adjustment settings
- Load rating per gate: 2,000 lbs (500kg)
- Self-closing maximum gate weight: 300 lbs (130kg)
- Gate swings from -5° to 110°

SKU	Gap Variance Inches	Fixing Method	Finish	# Of Sealed Bearings	Self-closing Max Weight	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3850	2.4-2.9" (61-74mm)	Weld	Zinc	2/2	300 lbs (130kg)	Steel	Steel	5" (127mm)	5.5 lbs (2.5kg)

* Set comes with one self-closing hinge plus one CI3000

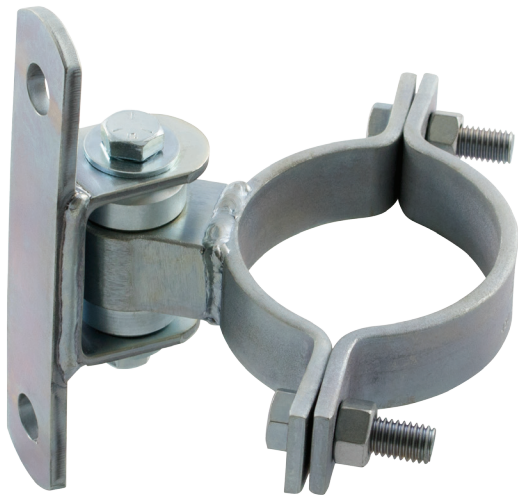
The Bolt-On BadAss Hinge

The Bolt-On BadAss was designed to be used on gates where welding the hinges to the gate and the end post is not an option. Due to SHUT IT’s unique bushing design The Bolt-On BadAsses, like all other SHUT IT gate hinges, produces near frictionless movement with maintenance free usage.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Yoke for perfect installations
- For flat post installations
- Load rating per gate: 2,000 lbs (900kg)
- Maximum gate weight: 1,000 lbs (450kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3700	2.9-3.4" (74-86mm)	Bolt-On	Zinc	2	Steel	Steel	7.5" (191mm)	3.5 lbs (1.6kg)



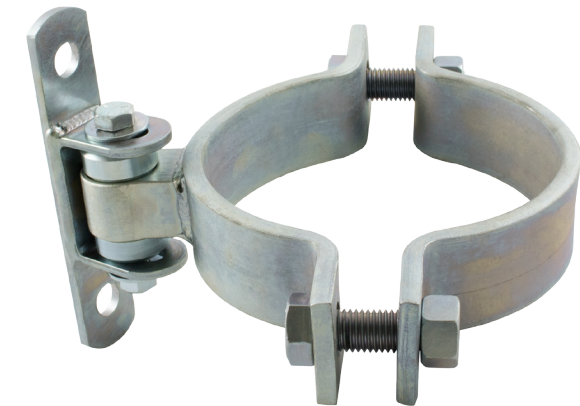
The 4" (102mm) Round Bolt-On BadAss

Like The ORIGINAL, all bolt-on gate hinges by SHUT IT are CNC machined to the tightest tolerances in the industry. Unlike The ORIGINAL, the 4" (102mm) Round Bolt-On BadAss is is designed to strap around a 4" (102mm) round post and to a flat gate frame. The Bolt-On BadAsses produce near frictionless movement with maintenance free usage.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable yoke for perfect installations
- Ideal for flat or round post installations
- Zinc plated
- Load rating per gate: 2,000 lbs (900kg)
- Maximum gate weight: 1,000 lbs (450kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI2051	2.7-3.2" (69-81mm)	Bolt-On	Zinc	2	Steel	Steel	7.5" (191mm)	5 lbs (2.3kg)



The 6" (152mm) Round Bolt-On BadAss

Like THE ORIGINAL, all bolt-on gate hinges by SHUT IT are CNC machined to the tightest tolerances in the industry. Unlike The ORIGINAL, the 6" (152mm) Round Bolt-On BadAss is is designed to strap around a 6" (152mm) round post and to a flat gate frame. The Bolt-On BadAsses produce near frictionless movement with maintenance free usage.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable yoke for perfect installations
- Ideal for flat or round post installations
- Zinc plated
- Load rating per gate: 2,000 lbs (900kg)
- Maximum gate weight: 1,000 lbs (450kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI2053	2.7-3.2" (69-81mm)	Bolt-On	Zinc	2	Steel	Steel	7.5" (191mm)	10 lbs (4.5kg)



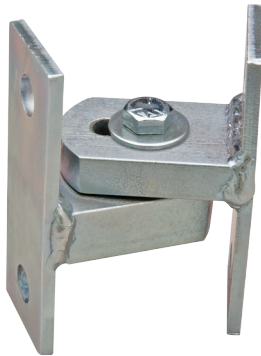
The Half Bolt-On BadAss

Like with The ORIGINAL, all bolt-on gate hinges by SHUT IT are CNC machined to the tightest tolerances in the industry. Unlike The ORIGINAL, The Half Bolt-On BadAss was designed to be used on gates where welding the hinges to the end post is not an option (no field welder). The Half Bolt-On BadAsses produce near frictionless movement with maintenance free usage.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable yoke for perfect installations
- Flat bolt-on brackets for through bolting
- Zinc Plated
- Load rating per gate: 2,000 lbs (900kg)
- Maximum gate weight: 1,000 lbs (450kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3770	2.65-3.15" (67-80mm)	Bolt-On / Weld	Zinc	2	Steel	Steel	7.5" (191mm)	2.5 lbs (1.1kg)



The Bolt-On Baby BadAss

Like the Bady BadAss, this hinge Bolt-on Gate Hinge by SHUT IT is CNC machined to the tightest tolerances in the industry. Unlike The Baby BadAss, The Bolt-On Bady BadAss was designed to be used on smaller gates where welding the hinges to the gate and the end post is not an option. The Bolt-On BadAsses produce near frictionless movement with maintenance free usage.

KEY FEATURES

- One sealed maintenance free bearing (no greasing)
- Adjustable yoke for perfect installations
- Flat bolt-on brackets for through bolting
- Zinc plated
- Load rating per gate: 600 lbs (270kg)
- Maximum gate weight: 250 lbs (100kg)

SKU	Gap Variance Inch/mm	Fixing Method	Finish	# Of Sealed Bearings	Yoke Mat'l	Body Mat'l	Height Inch/mm	Weight lbs/kg
CI3750	3.0-3.5" (76-89mm)	Bolt-On	Zinc	1	Steel	Steel	4.0" (102mm)	2.0 lbs (1kg)



The 4" (102mm) HardCORE V-Groove Wheel for 1 1/2" (38mm) Gate Frame

The 4" (102mm) of HardCORE V-Groove Wheel for 1 1/2" (38mm) Gate Frame is designed to be used on a gate with a 1 1/2" (38mm) bottom rail. This wheel does not include carriage plates, so the user will have provide their own wheel box or plate system. All HardCORE wheels use SHUT IT's unique bushing design, which fully utilizes the roller bearings.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1 1/8" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 3,000 lbs (1,360kg)
- Maximum gate weight: 1,500 lbs (680kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2415	Bolts to plates	Zinc	2	Steel	-	4" (102mm)	4.5 lbs (2kg)



The 6" (152mm) HardCORE V-Groove Wheel for 1 1/2" (38mm) Gate Frame

The 6" (152mm) of HardCORE V-Groove Wheel for 1 1/2" (38mm) Gate Frame is designed to be used on a gate with a 1 1/2" (38mm) bottom rail. This wheel does not include carriage plates, so the installer will have to use alternative instalation technique. All HardCORE wheels use SHUT IT's unique bushing design, which fully utilizes the roller bearings.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1 1/8" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 5,000 lbs (2,270kg)
- Maximum gate weight: 2,200 lbs (1,000kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2615	Bolts to plates	Zinc	2	Steel	-	6" (152mm)	9 lbs (4kg)



The 4" (102mm) HardCORE V-Groove Wheel for 2" (51mm) Gate Frame

The 4" (102mm) of HardCORE V-Groove Wheel for 2" (51mm) Gate Frame is designed to be used on a gate with a 2" (51mm) bottom rail. This wheel does not include carriage plates, so the user will have provide their own wheel box or plate system. All HardCORE wheels use SHUT IT's unique bushing design, which fully utilizes the roller bearings.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1 1/8" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 3,000 lbs (1,360kg)
- Maximum gate weight: 1,500 lbs (680kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2420	Bolts to plates	Zinc	2	Steel	-	4" (102mm)	4.5 lbs (2kg)



The 6" (152mm) HardCORE V-Groove Wheel for 2" (51mm) Gate Frame

The 6" (152mm) of HardCORE V-Groove Wheel for 2" (51mm) Gate Frame is designed to be used on a gate with a 2" (51mm) bottom rail. This wheel does not include carriage plates, so the installer will have to use alternative instalation technique. All HardCORE wheels use SHUT IT's unique bushing design, which fully utilizes the roller bearings.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1 1/8" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 5,000 lbs (2,270kg)
- Maximum gate weight: 2,200 lbs (1,000kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2620	Bolts to plates	Zinc	2	Steel	-	6" (152mm)	9.5 lbs (4.3kg)

The 4" (102mm) HardCORE with Carriage Plates for 1½" (38mm) Gate Frame

The 4" (102mm) of HardCORE V-Groove Wheel for 1½" (38mm) Gate Frame is designed to be used on a gate with a 1½" (38mm) bottom rail. This wheel includes a set of SHUT IT 4" (102mm) HardCORE Carriage Plates, which make for the ideal UL325-compatible installation. All HardCORE wheels use SHUT IT's unique bushing design, which fully utilizes the roller bearings.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1⅛" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 3,000 lbs (1,360kg)
- Maximum gate weight: 1,500 lbs (680kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2515	Weld	Zinc	2	Steel	Steel	4" (102mm)	6 lbs (2.7kg)

The 4" (102mm) HardCORE with Carriage Plates for 2" (51mm) Gate Frame

The 4" (102mm) of HardCORE V-Groove Wheel for 2" (51mm) Gate Frame is designed to be used on a gate with a 2" (51mm) bottom rail. This wheel includes a set of SHUT IT 4" (102mm) HardCORE Carriage Plates, which make for the ideal UL325-compatible installation. All HardCORE wheels use SHUT IT's unique bushing design, which fully utilizes the roller bearings.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1⅛" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 3,000 lbs (1,360kg)
- Maximum gate weight: 1,500 lbs (680kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2520	Weld	Zinc	2	Steel	Steel	4" (102mm)	6 lbs (2.7kg)

The 6" (152mm) HardCORE w/ Carriage Plates for 1½" (38mm) Gate Frame

The 6" (152mm) of HardCORE V-Groove Wheel for 1½" (38mm) Gate Frame is designed to be used on a gate with a 1½" (38mm) bottom rail. This wheel includes a set of SHUT IT 6" (152mm) HardCORE Carriage Plates, which make for the ideal UL325-compatible installation. All HardCORE wheels use SHUT IT's unique bushing design, which fully utilizes the roller bearings.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1⅛" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 5,000 lbs (2,270kg)
- Maximum gate weight: 2,200 lbs (1,000kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2715	Weld	Zinc	2	Steel	Steel	6" (152mm)	12 lbs (5kg)

The 6" (152mm) HardCORE w/ Carriage Plates for 2" (51mm) Gate Frame

The 6" (152mm) of HardCORE V-Groove Wheel for 2" (51mm) Gate Frame is designed to be used on a gate with a 2" (51mm) bottom rail. This wheel includes a set of SHUT IT 6" (152mm) HardCORE Carriage Plates, which make for the ideal UL325-compatible installation. All HardCORE wheels use SHUT IT's unique bushing design, which fully utilizes the roller bearings.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1⅛" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 5,000 lbs (2,270kg)
- Maximum gate weight: 2,200 lbs (1,000kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2720	Weld	Zinc	2	Steel	Steel	6" (152mm)	12.5 lbs (6kg)



The Steel HardCORE Carriage Plate

The STEEL version of the SHUT IT original gate wheel mounting system for 4" (102mm) or 6" (152mm) gate wheels. Carriage Plates replace traditional wheel boxes and enable you to install the HardCORE Gate Wheel inside the bottom rail of the gate itself.

KEY FEATURES

- Adjustable plates for perfect installation
- Models for 4" (102mm) and 6" (152mm) wheels
- Available in steel and aluminum
- Two steel and two aluminum models fit all sizes of gate frames
- No need for bulky and heavy wheel boxes
- Combine with carriage caps for chain link applications

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2140	Weld	Zinc	-	Steel	Steel	4" (102mm)	2 lbs (1kg)
CI2160	Weld	Zinc	-	Steel	Steel	6" (152mm)	3.5 lbs (1.6kg)



The 4" (102mm) HardCORE Cantilever Wheel Assembly

With this assembly a wheel can be installed on a rail rather than on a v-track on the ground surface. These installations are ideal when installing a track on the ground is not feasible. Whether it is on a full cantilever gate system or the SHUT IT designed semi and quarter cantilever system, the HardCORE Cantilever Wheel Assembly is a perfect solution for the odd job.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1 1/8" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 3,000 lbs (1,360kg)
- Maximum gate weight: 1,500 lbs (680kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2240	Weld	Zinc	2	Steel	Steel	6" (152mm)	5 lbs (2.3kg)



The Aluminum HardCORE Carriage Plate

The Aluminum version of the SHUT IT original gate wheel mounting system for 4" (102mm) or 6" (152mm) gate wheels. Carriage Plates replace traditional wheel boxes and enable you to install the HardCORE Gate Wheel inside the bottom rail of the gate itself.

KEY FEATURES

- Adjustable plates for perfect installation
- Models for 4" (102mm) and 6" (152mm) wheels
- Available in steel and aluminum
- Two steel and two aluminum models fit all sizes of gate frames
- No need for bulky and heavy wheel boxes
- Combine with carriage caps for chain link applications

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2140A	Weld	Zinc	-	Steel	Aluminum	4" (102mm)	1.5 lbs (0.7kg)
CI2160A	Weld	Zinc	-	Steel	Aluminum	6" (152mm)	2 lbs (1kg)



The 6" (152mm) HardCORE Cantilever Wheel Assembly

With this assembly a wheel can be installed on a rail rather than on a v-track on the ground surface. These installations are ideal when installing a track on the ground is not feasible. Whether it is on a full cantilever gate system or the SHUT IT designed semi and quarter cantilever system, the HardCORE Cantilever Wheel Assembly is a perfect solution for the odd job.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1 1/8" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 3,000 lbs (1,360kg)
- Maximum gate weight: 1,500 lbs (680kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2260	Weld	Zinc	2	Steel	Steel	8" (203mm)	10.5 lbs (4.8kg)



The 6" (152mm) HardCORE Wheel for Wheel Boxes

The 6" (152mm) of HardCORE V-Groove Wheel for Wheel Boxes is designed to be used on a gate with a standard 6" (152mm) wheel box. This wheel does not include carriage plates and is ideal for use with existing wheel boxes in a "retrofit" repair. All HardCORE wheels use SHUT IT's unique bushing design, which fully utilizes the roller bearings.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Adjustable plates for perfect installations
- Only 1 1/8" (29mm) wide to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
- Load rating per gate: 5,000 lbs (2,270kg)
- Maximum gate weight: 2,200 lbs (1,000kg)

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2625	Bolts to plates	Zinc	2	Steel	-	6" (152mm)	9.5 lbs (4.3kg)



The HardCORE Carriage Cap

The HardCORE Carriage Cap allows you to use SHUT IT's carriage plates on a round bottom rail. The "adaptor" is perfect for chainlink gates and creates same UL325-friendly system that the HardCORE Carriage Caps do with ornamental gates. Designed to be used with the CI2420 [4" (102mm)] and CI2620 [6" (152mm)] HardCORE V-Groove Wheels.

KEY FEATURES

- Easy to install - See page 50
- High strength steel
- 4" (102mm) wheel carriage cap
- 6" (152mm) wheel carriage cap

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2340	Weld	Zinc	-	Steel	-	6" (152mm)	1 lbs (0.5kg)
CI2360	Weld	Zinc	-	Steel	-	8" (203mm)	1.5 lbs (0.7kg)



The HardCORE Gate Guide Assembly

The HardCORE Guide Assembly is a smartass design by SHUT IT that replaces the industry standard guide rollers. Simply weld a 2 1/2 x 2 1/2" (64 x 64mm) angle iron to your gate and attached the Guide Assembly to the endpost. This standard version of the Guide Assembly is ideal for installations that do not have grade variations through the run distance of the gate.

KEY FEATURES

- Two sealed maintenance free bearings (no greasing)
- Super hard steel
- Zinc finish

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2300	Weld	Zinc	2	Steel	-	6" (152mm)	4 lbs (1.8kg)



The Extended HardCORE Gate Guide Assembly

The HardCORE Guide Assembly is a smartass design by SHUT IT that replaces the industry standard guide rollers. Simply weld a 2 1/2 x 2 1/2" (64 x 64mm) angle iron to your gate and attached the Guide Assembly to the endpost. This Extended version of the Guide Assembly is ideal for installations that have grade variations through the run distance of the gate.

KEY FEATURES

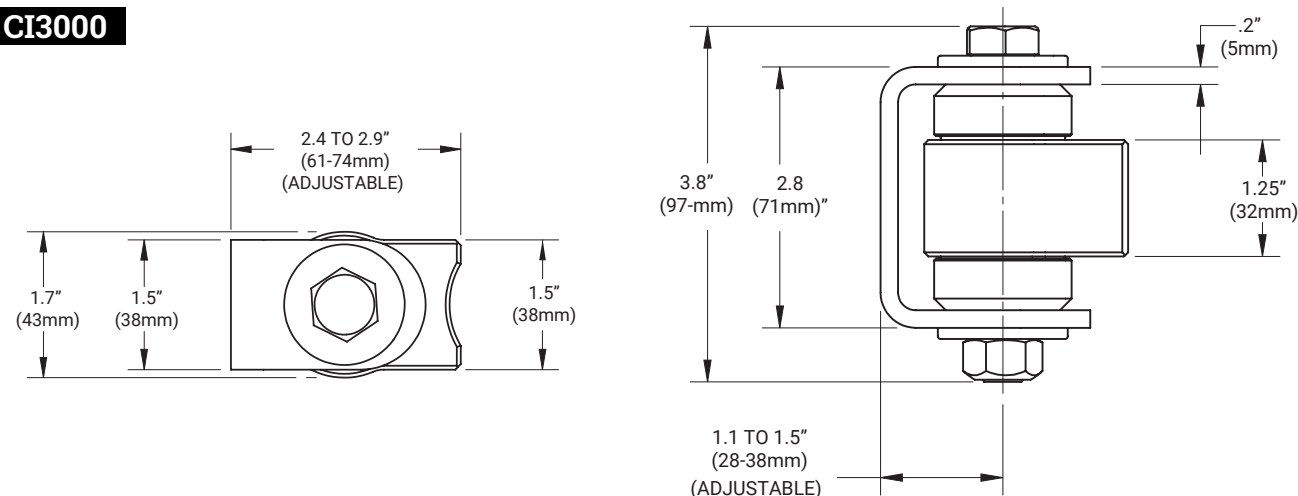
- Two sealed maintenance free bearings (no greasing)
- Super hard steel
- Zinc finish

SKU	Fixing Method	Finish	# Of Sealed Bearings	Wheel Mat'l	Carriage Plate Mat'l	Height Inch/mm	Weight lbs/kg
CI2350	Weld	Zinc	2	Steel	-	10" (254mm)	4.5 lbs (2kg)

Product Dimensions

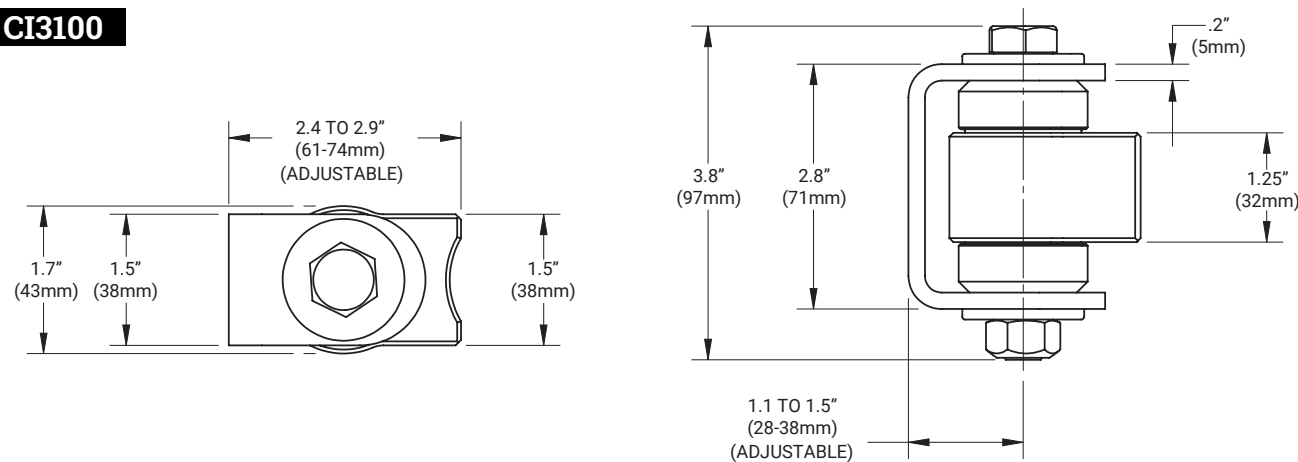
The Original BadAss

CI3000



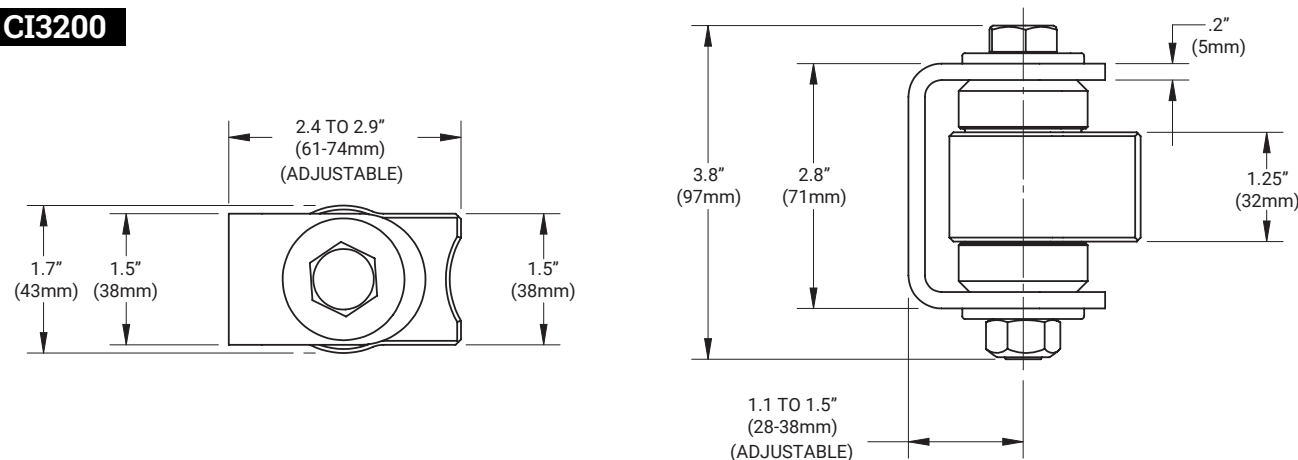
The Rusted Original BadAss

CI3100



The Combo BadAss with Steel Body

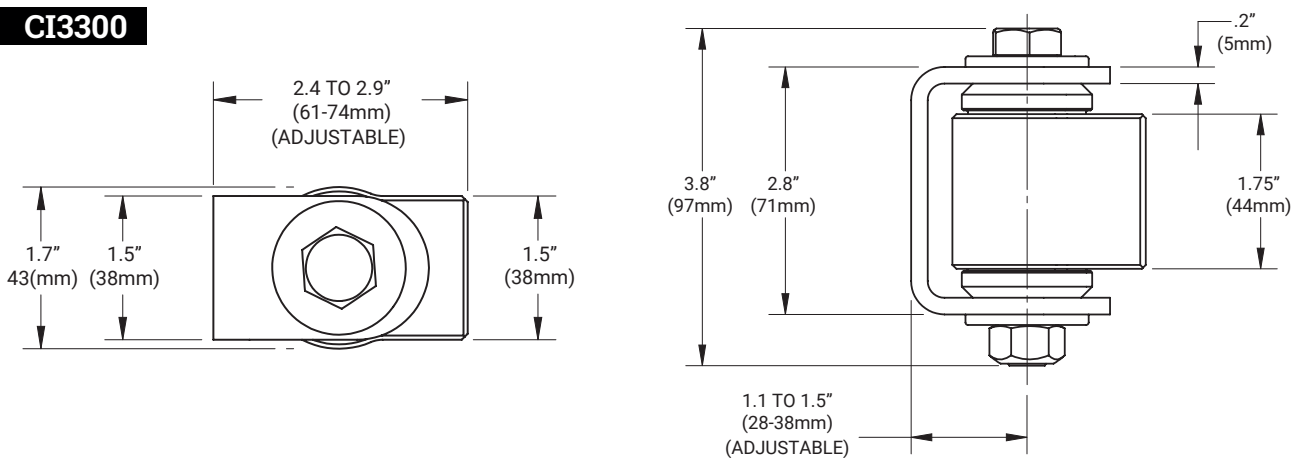
CI3200



Product Dimensions

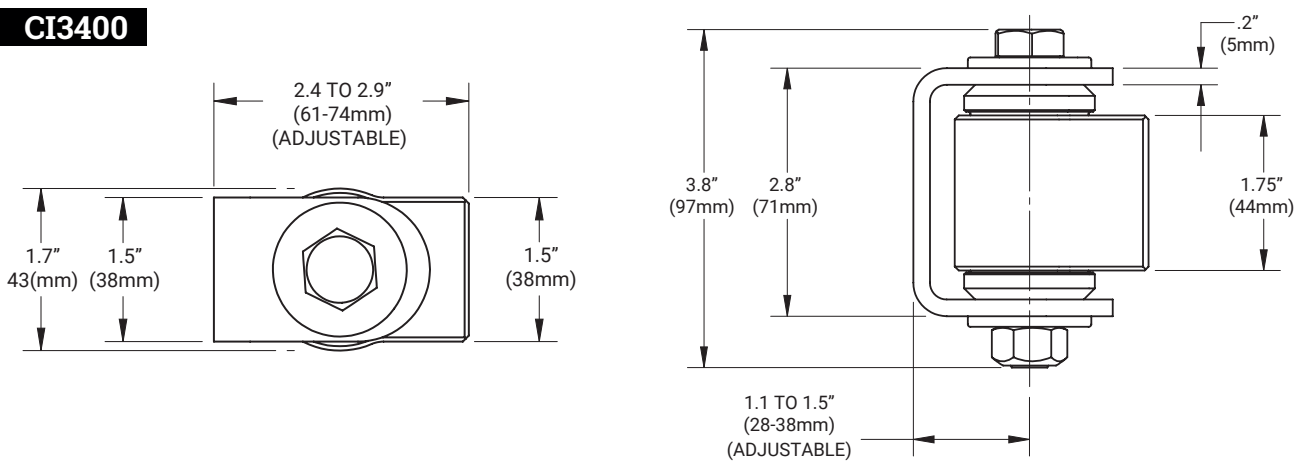
The Combo BadAss with Aluminum Body

CI3300



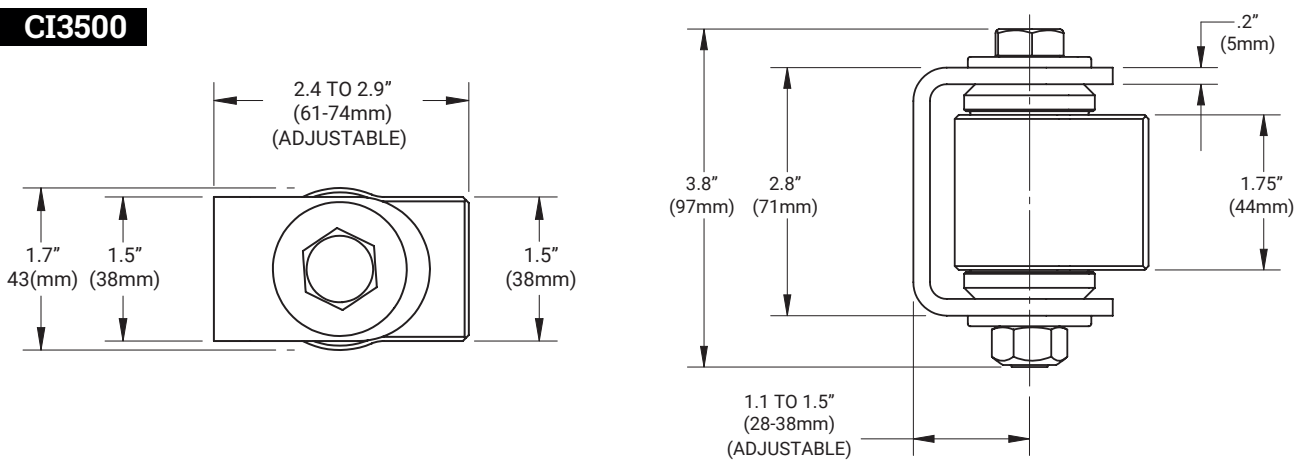
The Aluminum BadAss

CI3400



The Heavy Duty BadAss

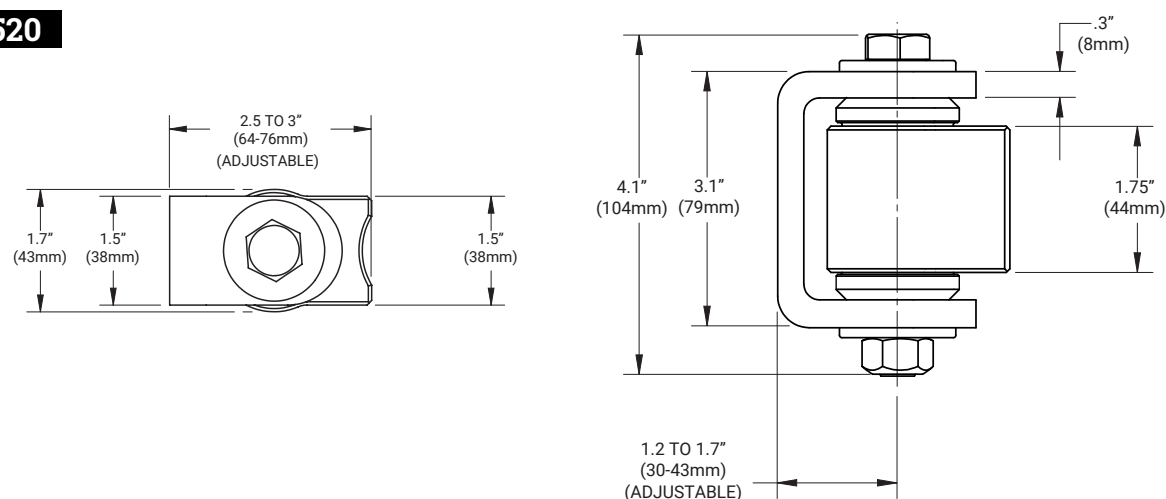
CI3500



Product Dimensions

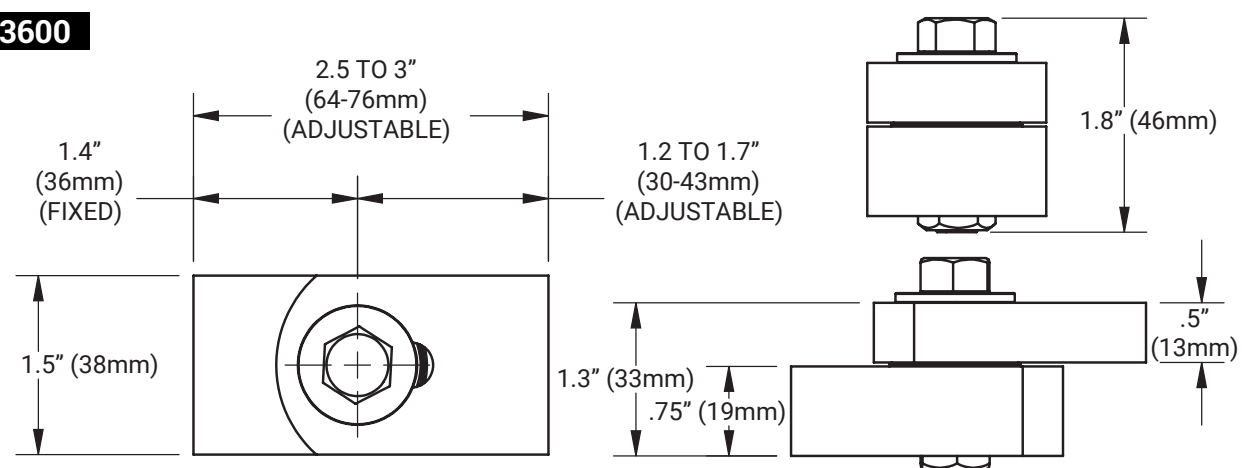
The 100 Year BadAss

CI3520



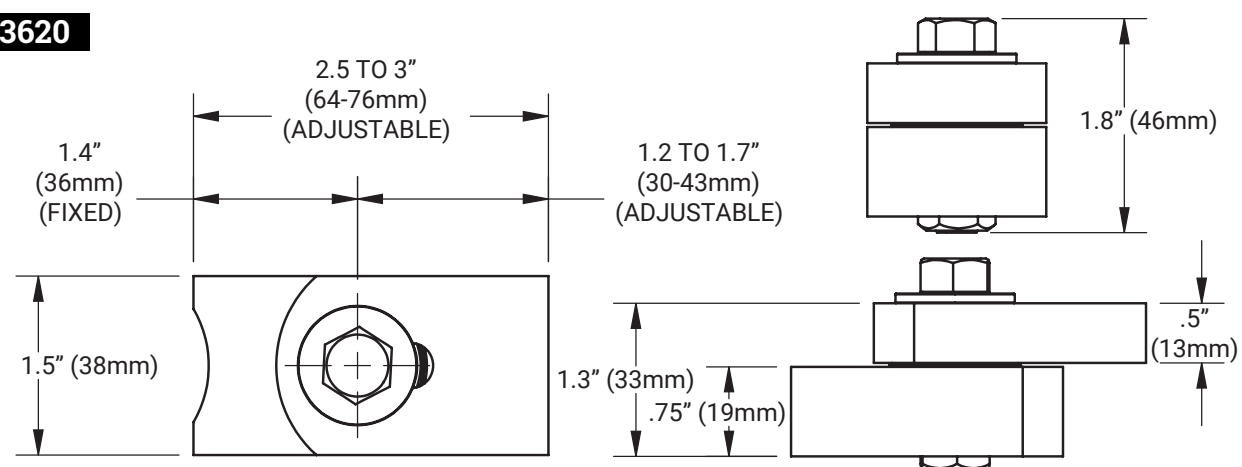
The Baby BadAss

CI3600



The Rusted Baby BadAss

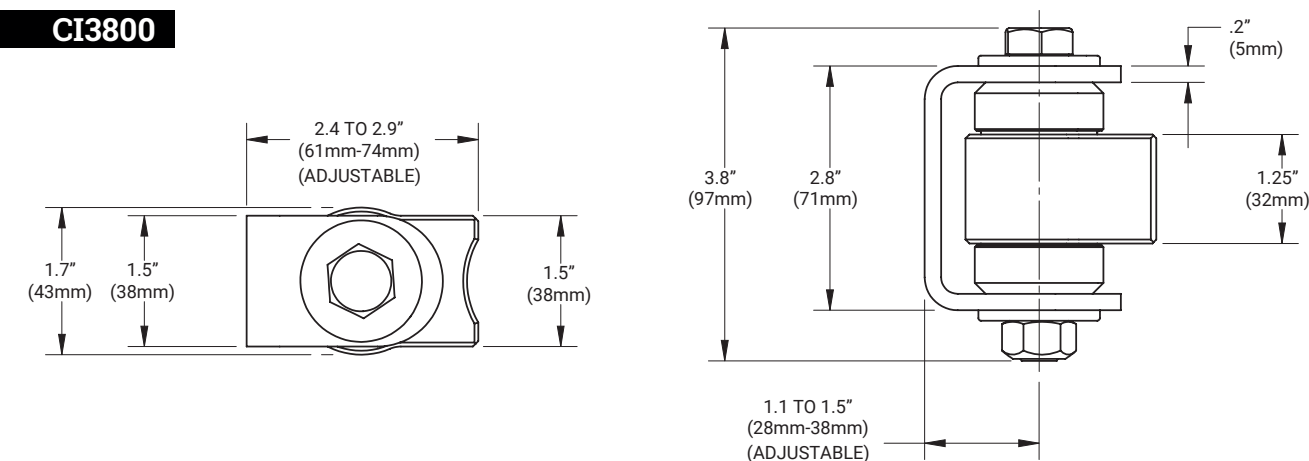
CI3620



Product Dimensions

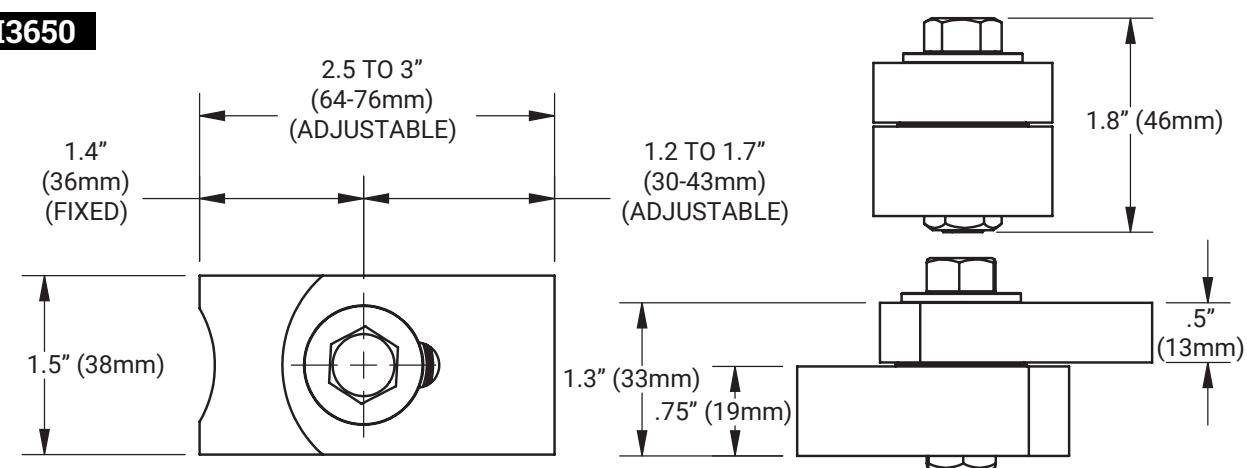
The Stainless BadAss

CI3800



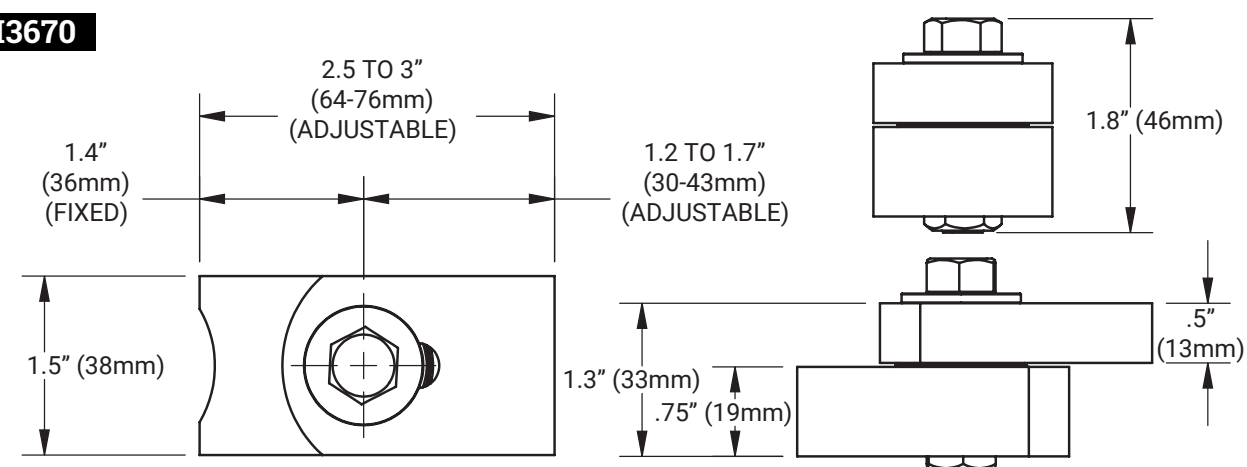
The Aluminum Baby BadAss

CI3650



The Combo Baby BadAss

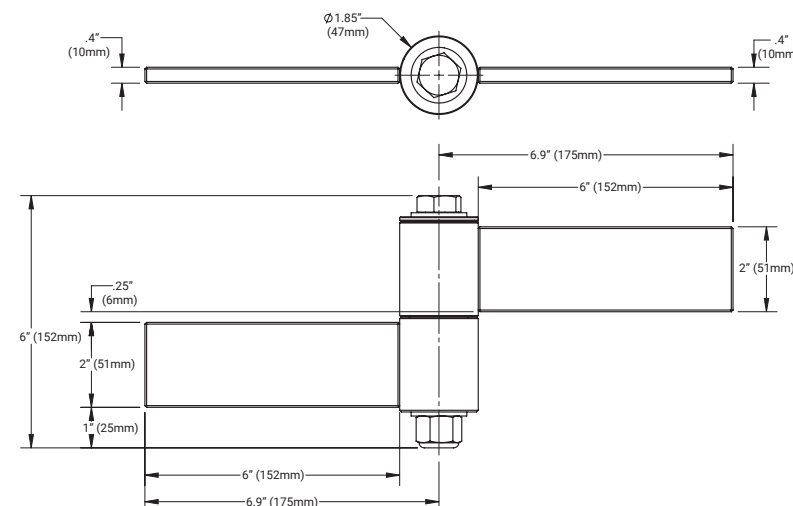
CI3670



Product Dimensions

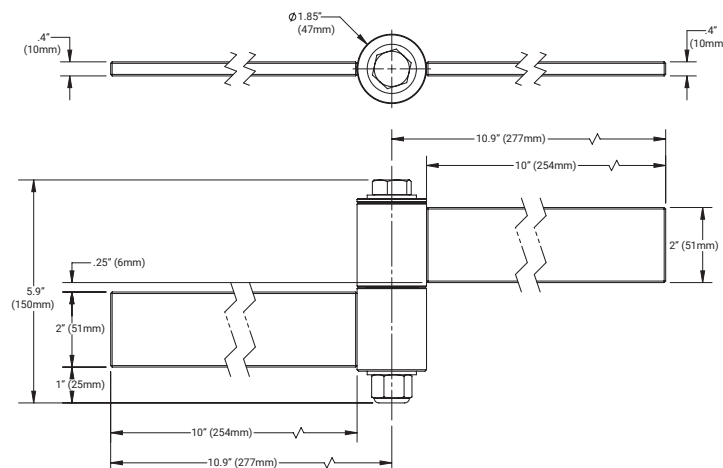
The 6" (152mm) BadAss Strap Hinge

CI3900



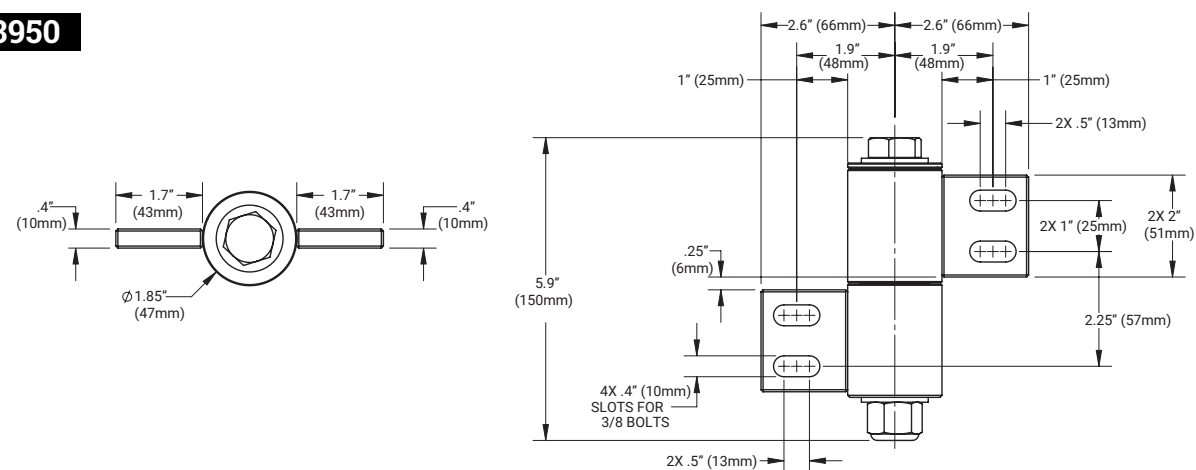
The 10" (254mm) BadAss Strap Hinge

CI3925



The BadAss Barrel Hinge

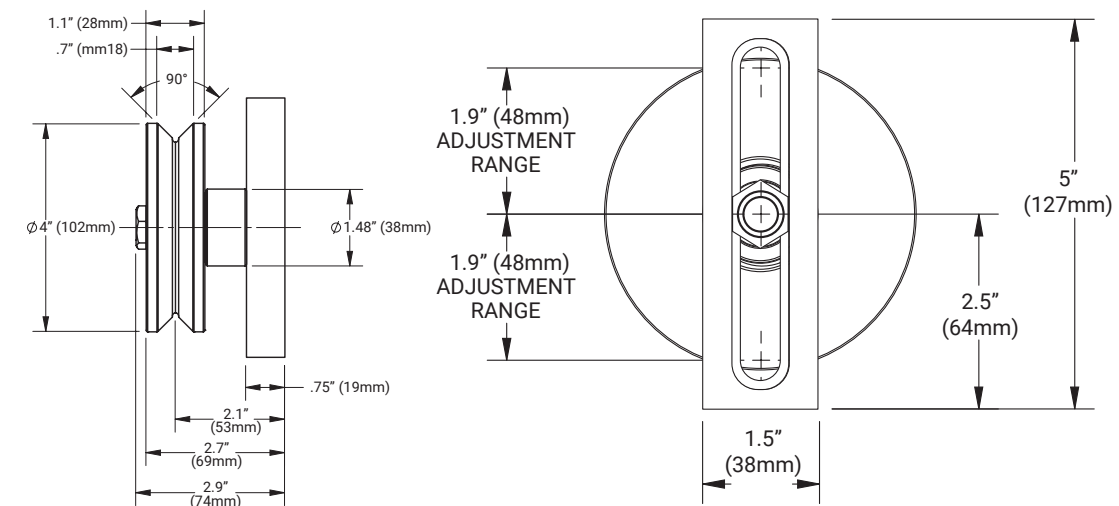
CI3950



Product Dimensions

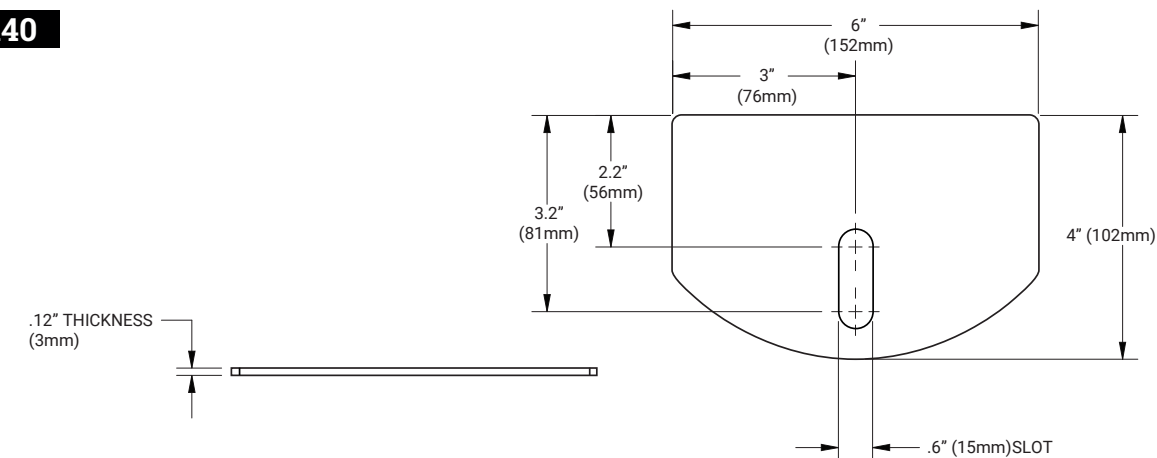
The 4" (102mm) HardCore Cantilever Wheel Assembly

CI2240



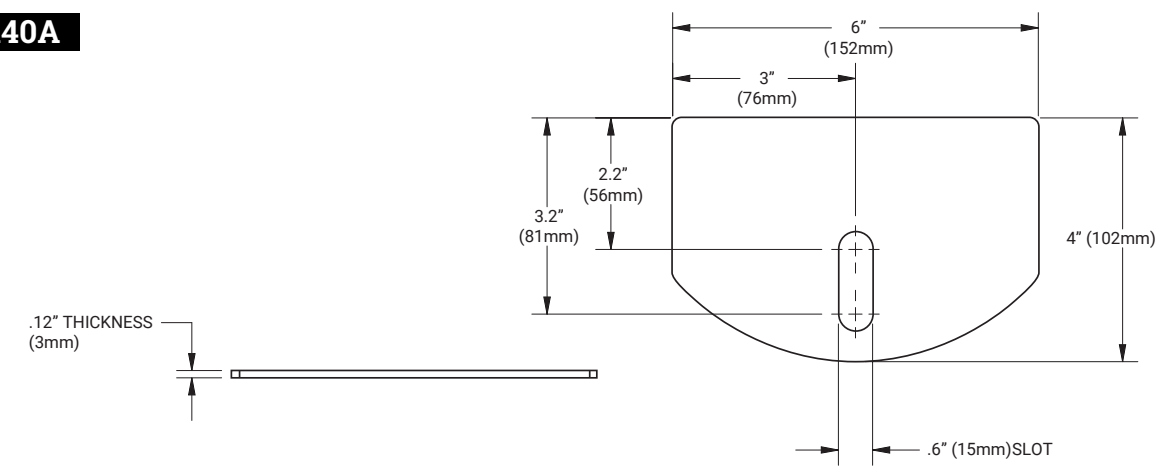
The 4" (102mm) Steel HardCore Carriage Plates

CI2140



The 4" (102mm) Aluminum HardCore Carriage Plates (CI2140A)

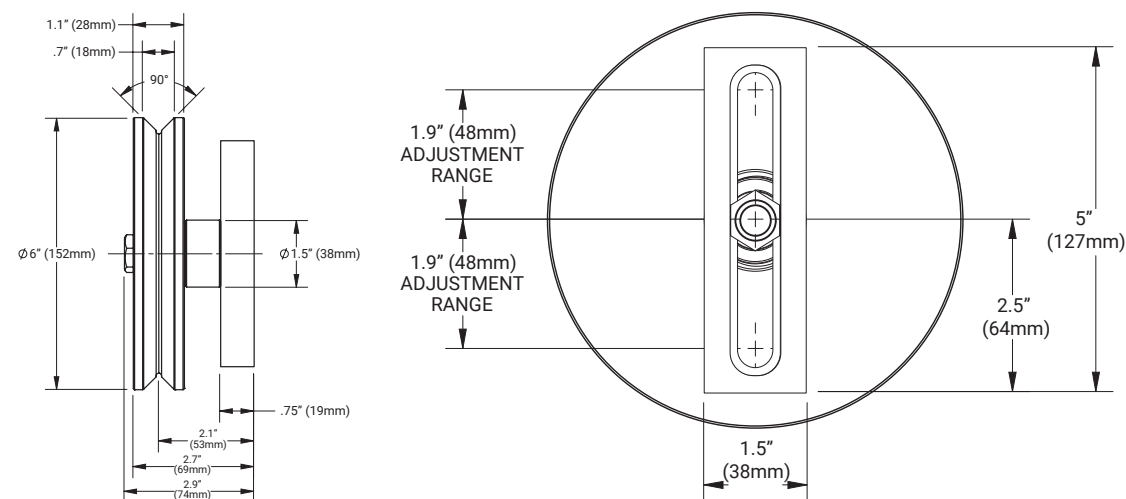
CI2140A



Product Dimensions

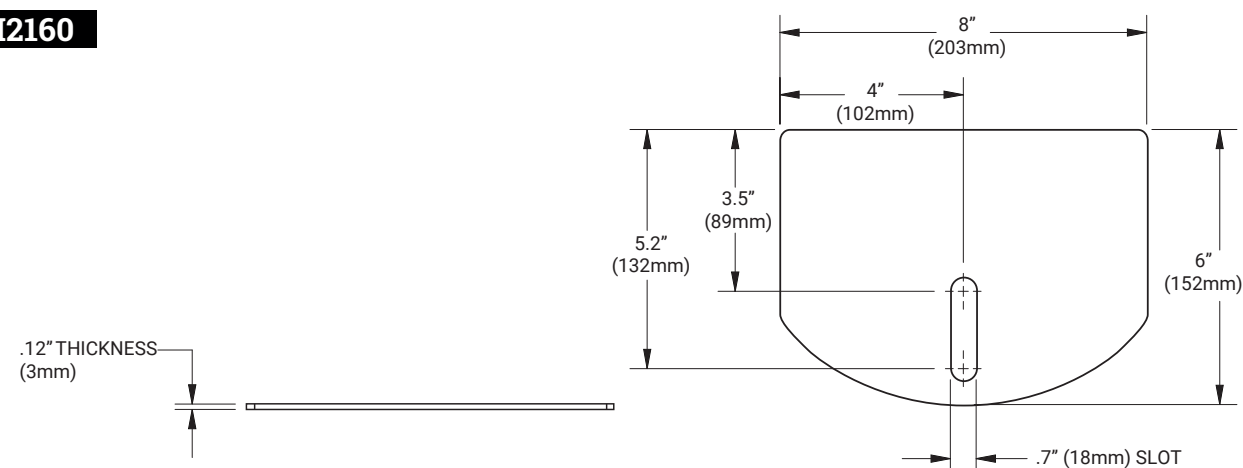
The 6" (152mm) HardCore Cantilever Wheel Assembly

CI2260



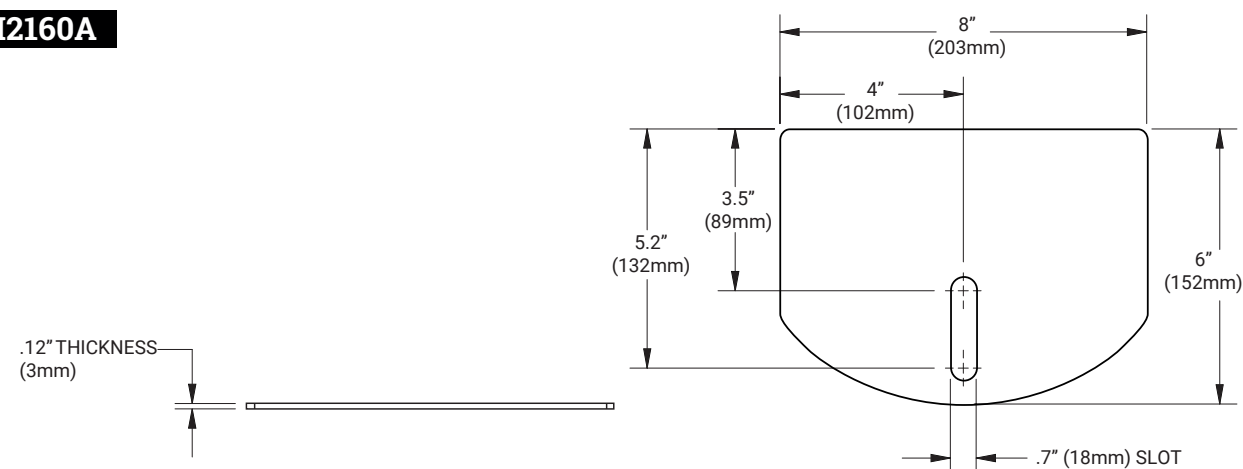
The 6" (152mm) Steel HardCore Carriage Plates

CI2160



The 6" (152mm) Aluminum HardCore Carriage Plates

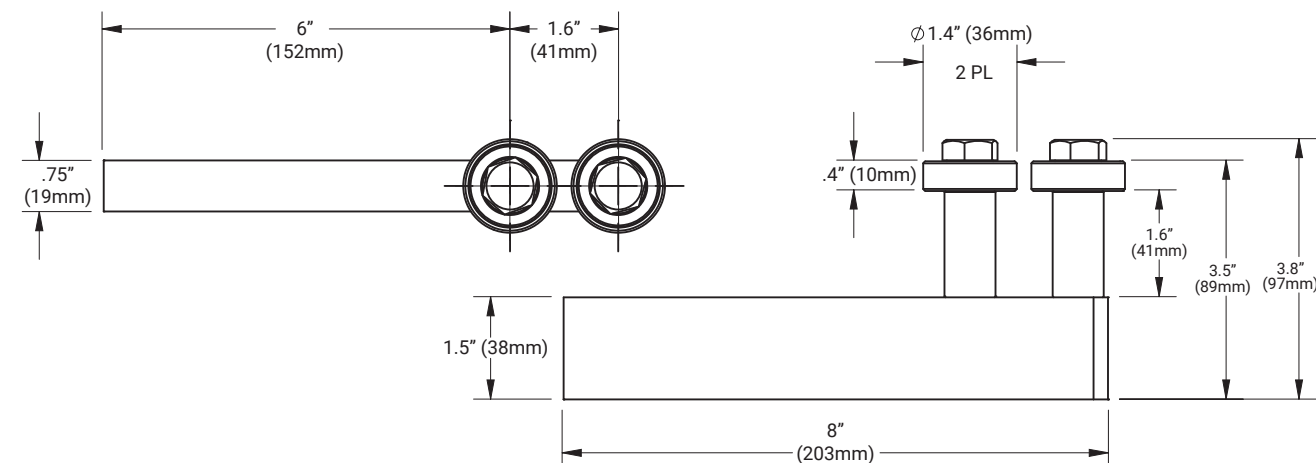
CI2160A



Product Dimensions

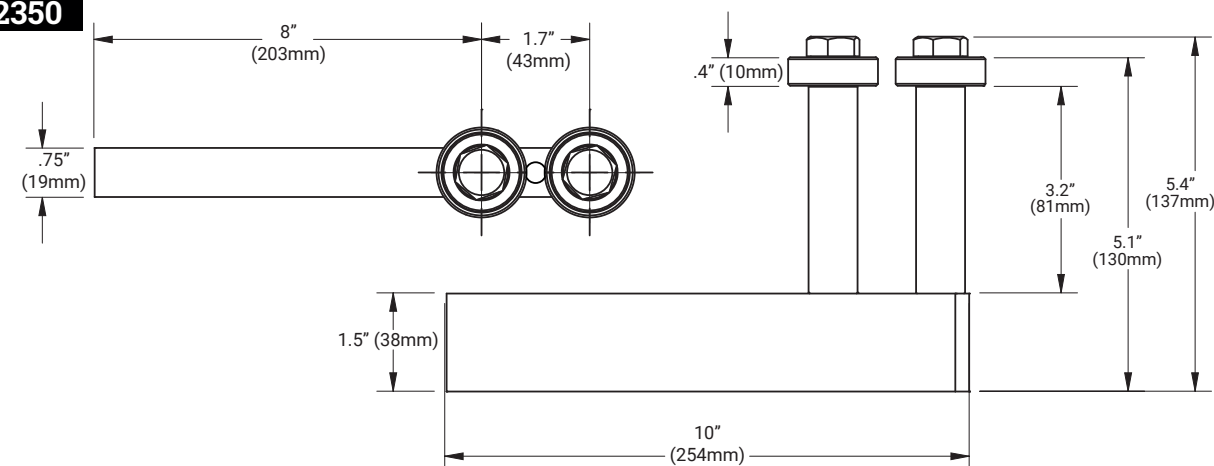
The HardCore Guide Assembly

CI2300



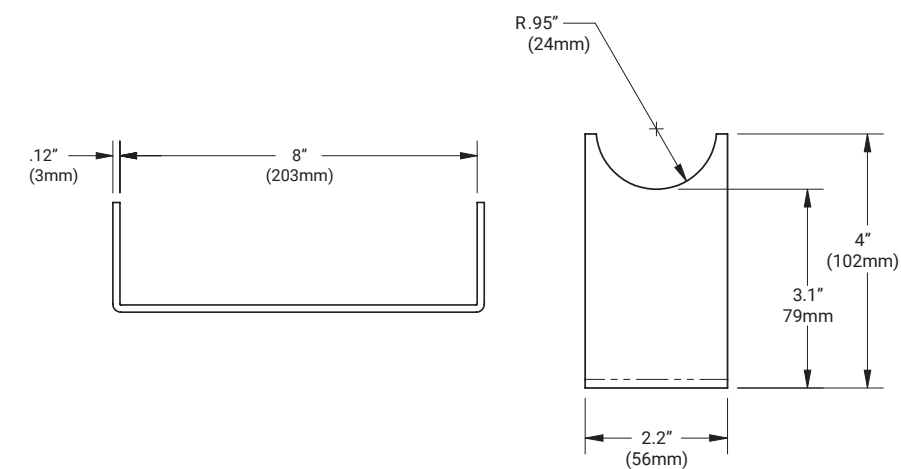
The Extended HardCore Guide Assembly

CI2350



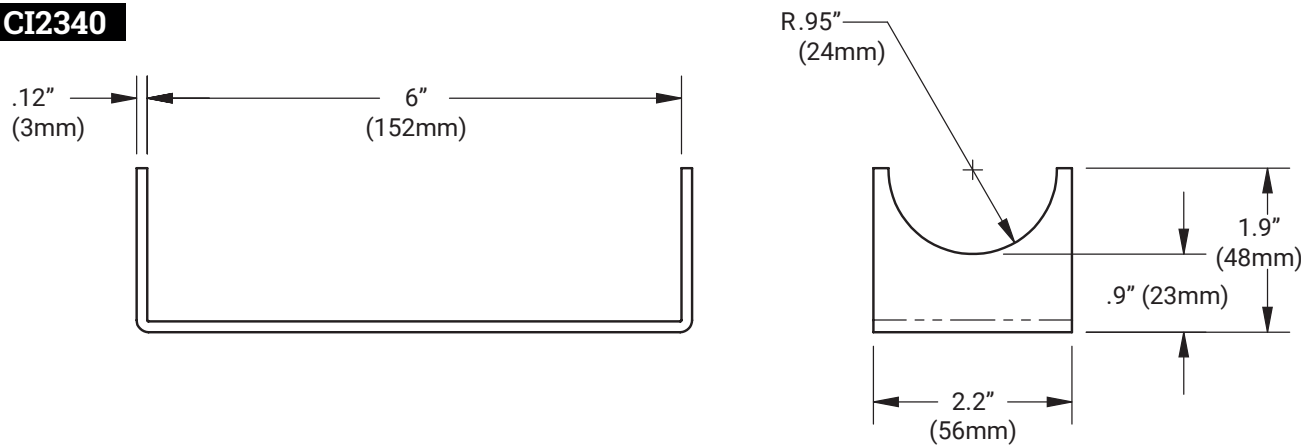
The 6" (152mm) HardCore Carriage Cap

CI2340



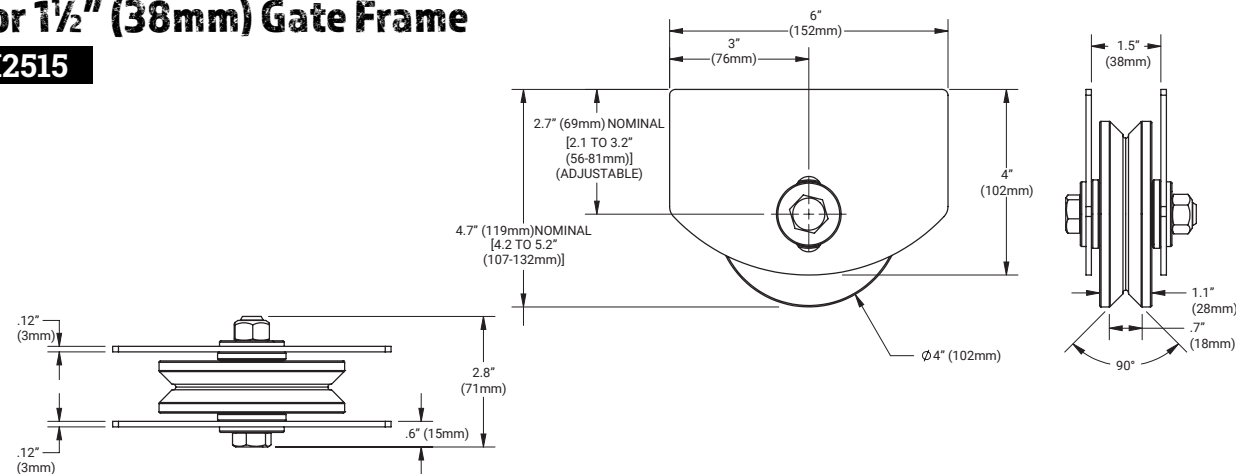
The 4" (102mm) HardCore Carriage Cap

CI2340



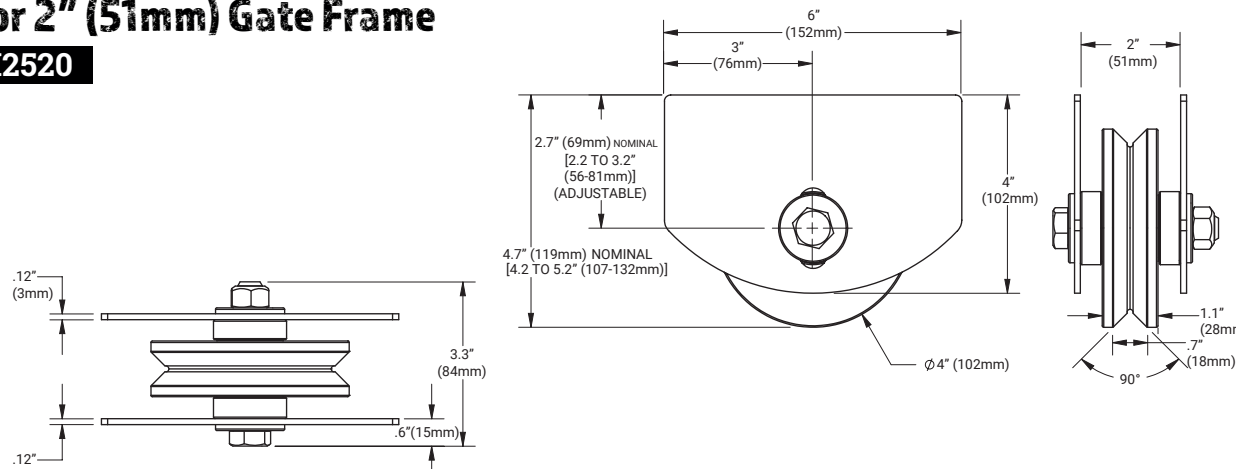
The 4" (102mm) HardCore V-Groove Wheel with Carriage Plates for 1½" (38mm) Gate Frame

CI2515



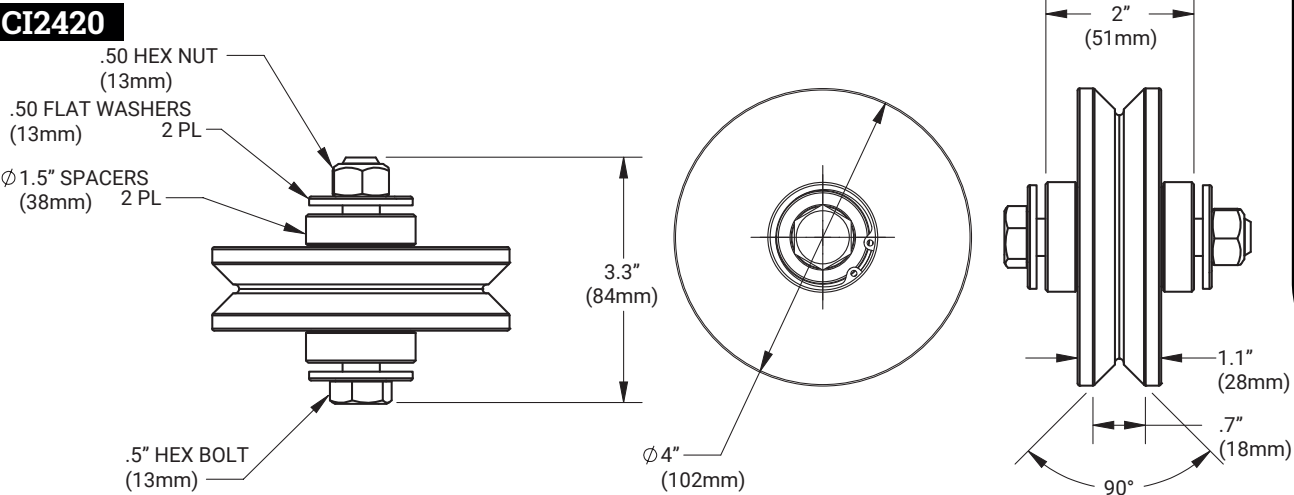
The 4" (102mm) HardCore V-Groove Wheel with Carriage Plates for 2" (51mm) Gate Frame

CI2520



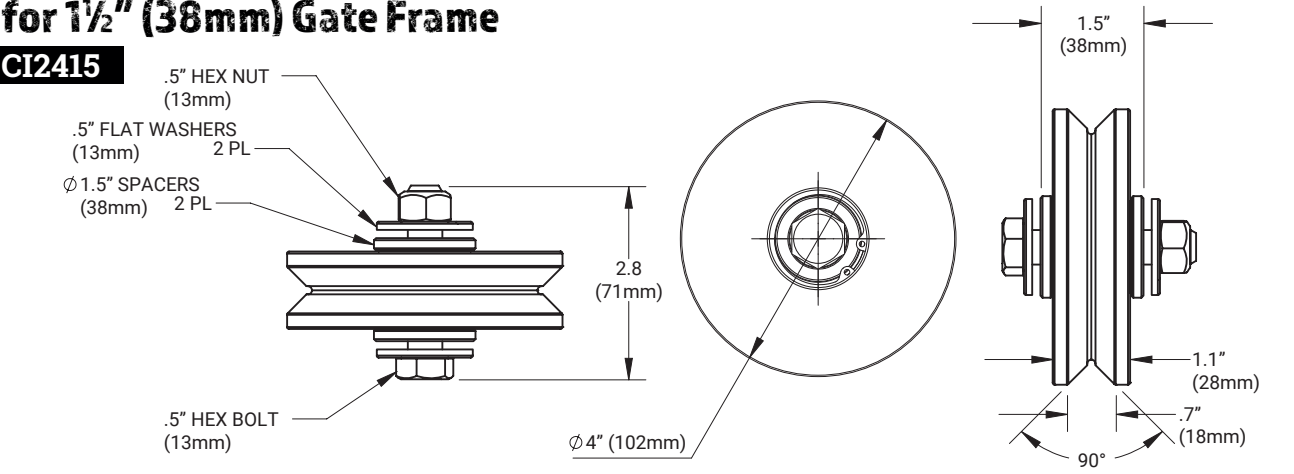
The 4" (102mm) HardCore V-Groove Wheel for 2" (51mm) Gate Frame

CI2420



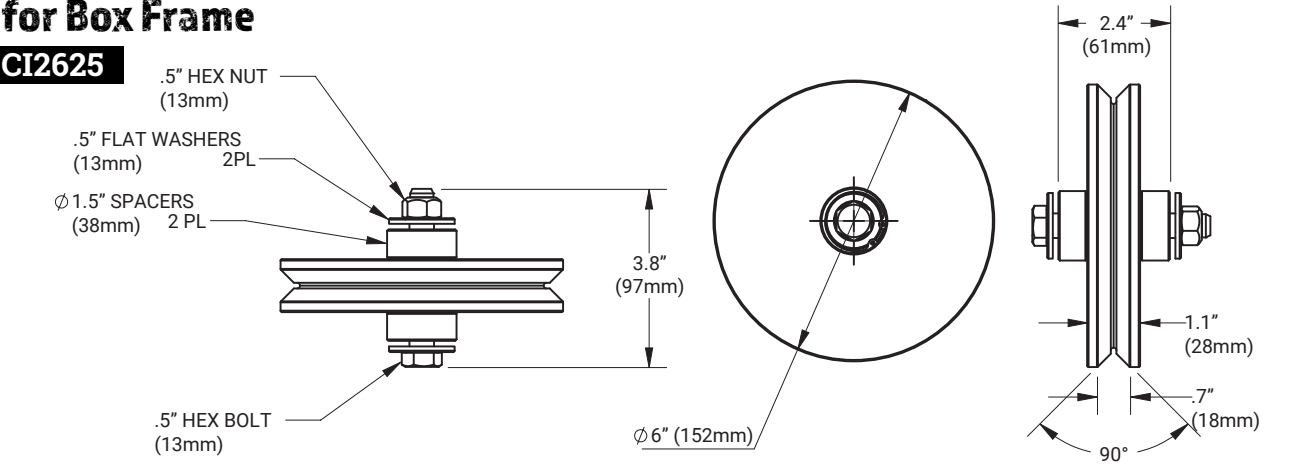
The 4" (102mm) HardCore V-Groove Wheel for 1½" (38mm) Gate Frame

CI2415



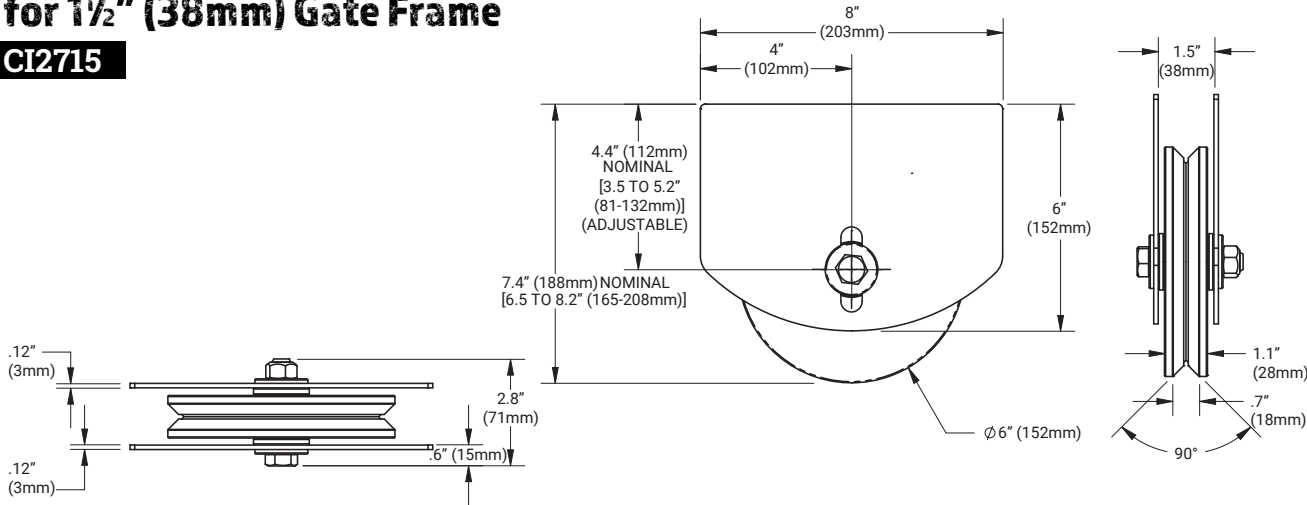
The 6" (152mm) HardCore V-Groove Wheel for Box Frame

CI2625



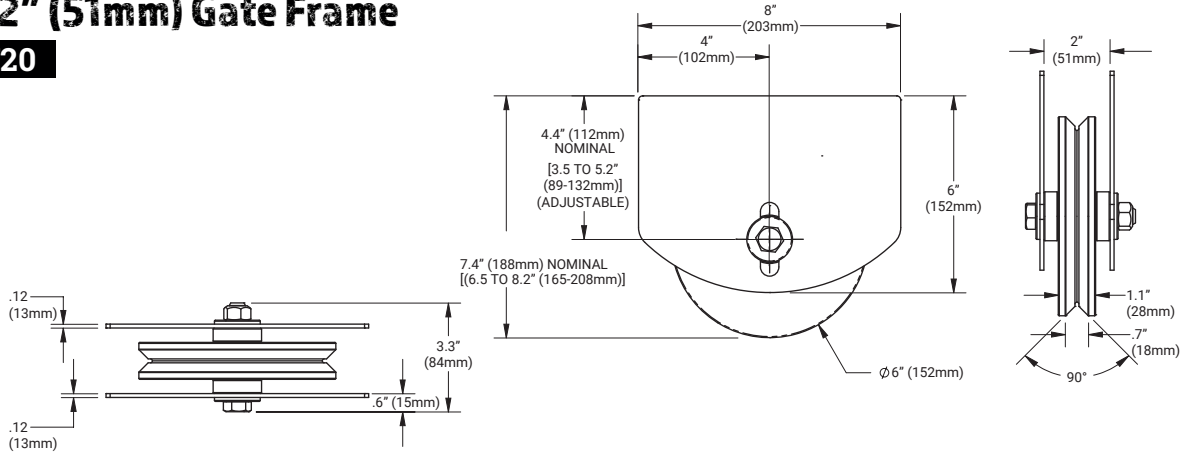
The 6" (152mm) HardCore V-Groove Wheel with Carriage Plates
for 1½" (38mm) Gate Frame

CI2715



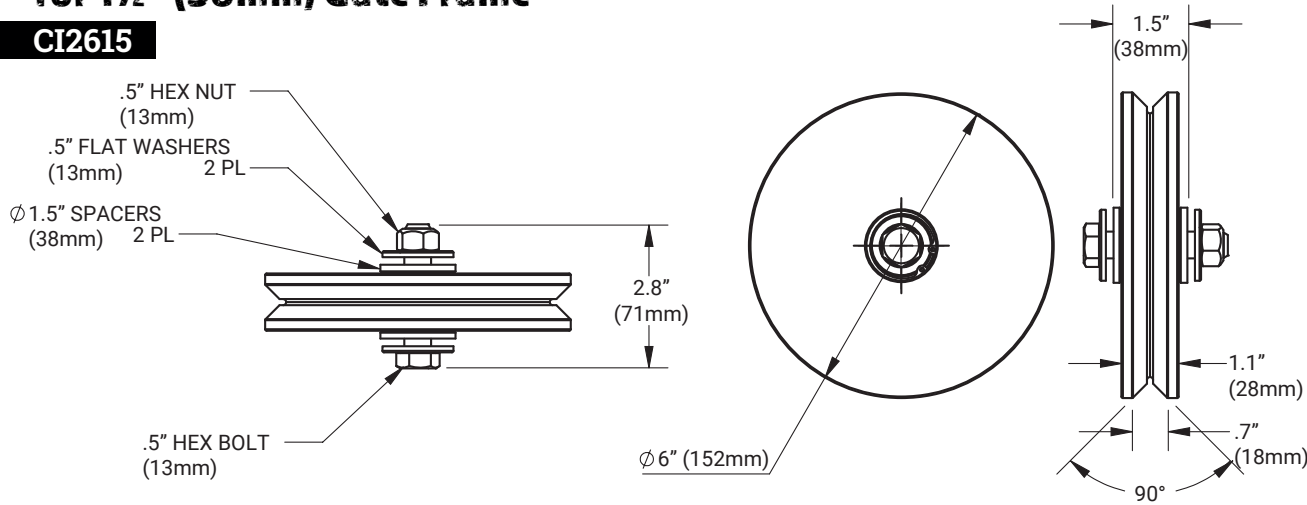
The 6" (152mm) HardCore V-Groove Wheel with Carriage Plates
for 2" (51mm) Gate Frame

CI2720



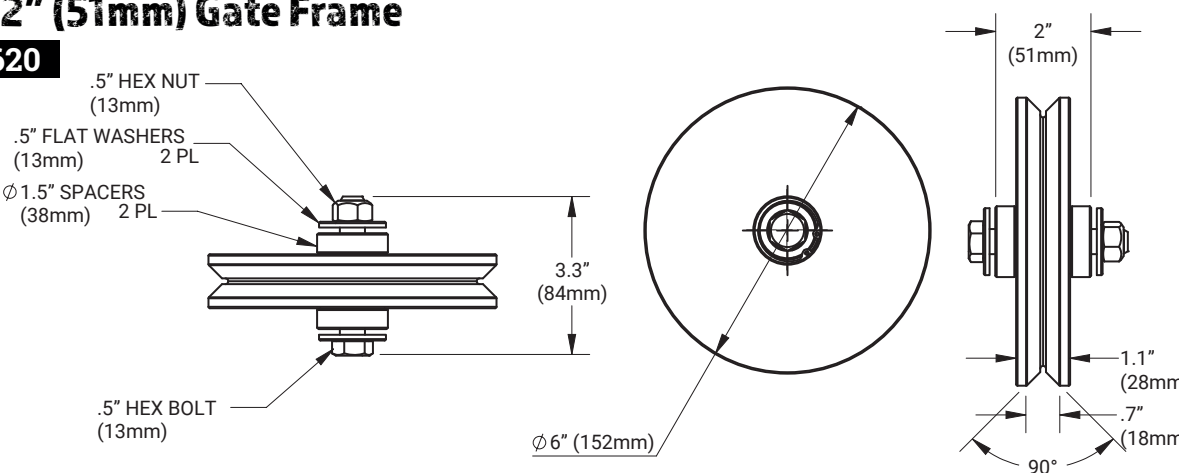
The 6" (152mm) HardCore V-Groove Wheel
for 1½" (38mm) Gate Frame

CI2615

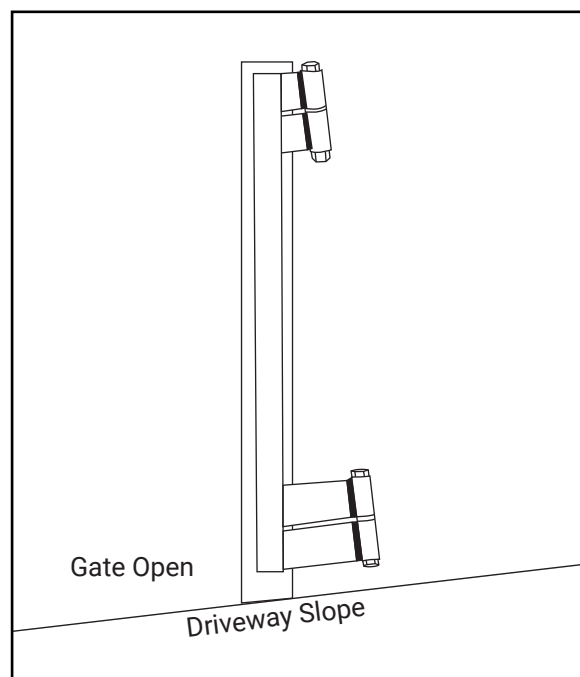


The 6" (152mm) HardCore V-Groove Wheel
for 2" (51mm) Gate Frame

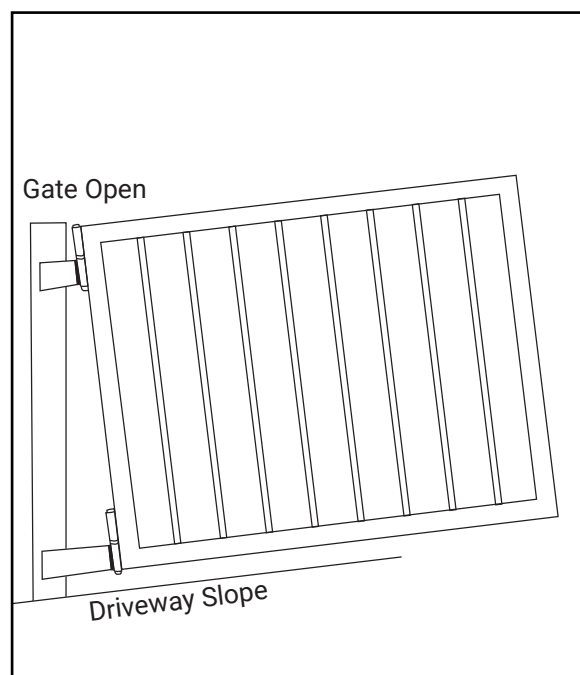
CI2620



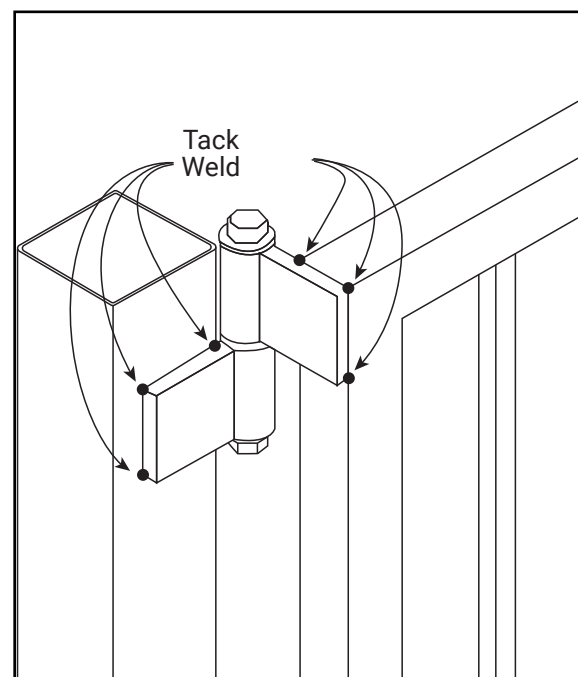
Uphill Hinge Installation Guide



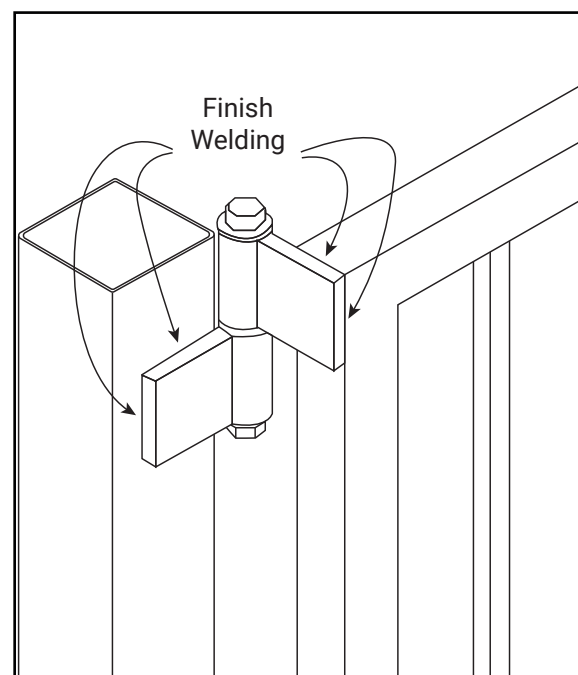
Step 1: Place gate in closed position. Align hinges to the driveway slope. Be sure hinges are aligned with each other.



Step 3: Swing open the gate to test alignment. If welds do not hold, hinges are not properly aligned. Repeat from step one.

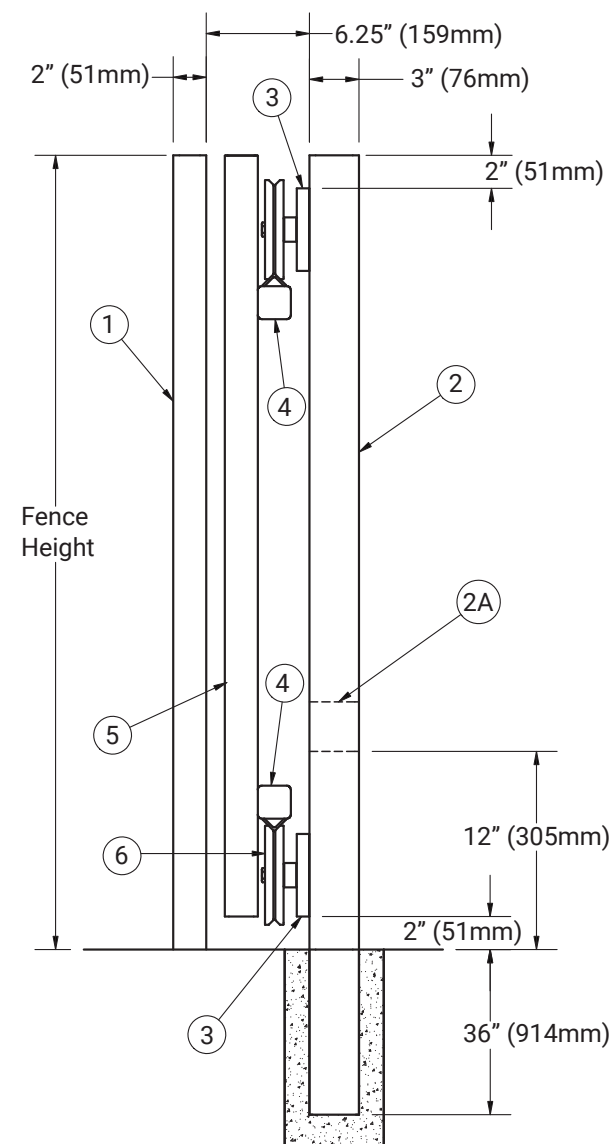


Step 2: Tack weld top plate to gate. Tack weld bottom plate to post. Support gate while welding to insure no sagging occurs.



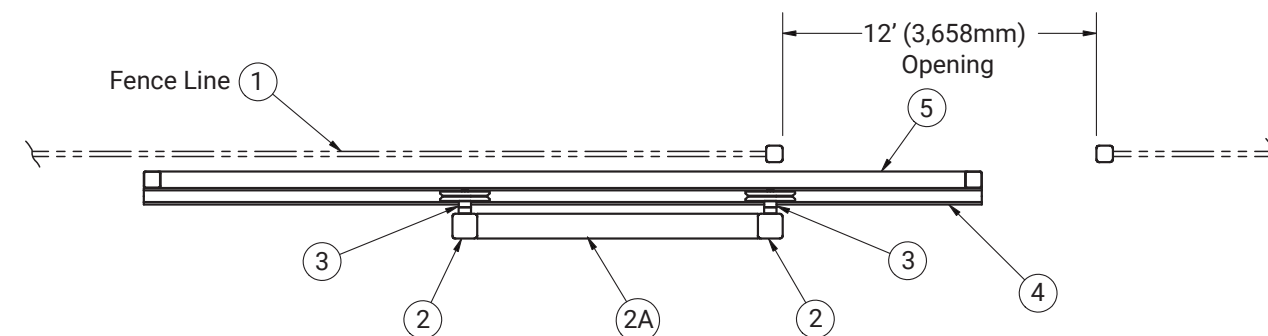
Step 4: If tack welds hold, hinge may be completely welded. Support gate while welding to insure no sagging occurs.

Full Cantilever Gate System - 4 Wheel System

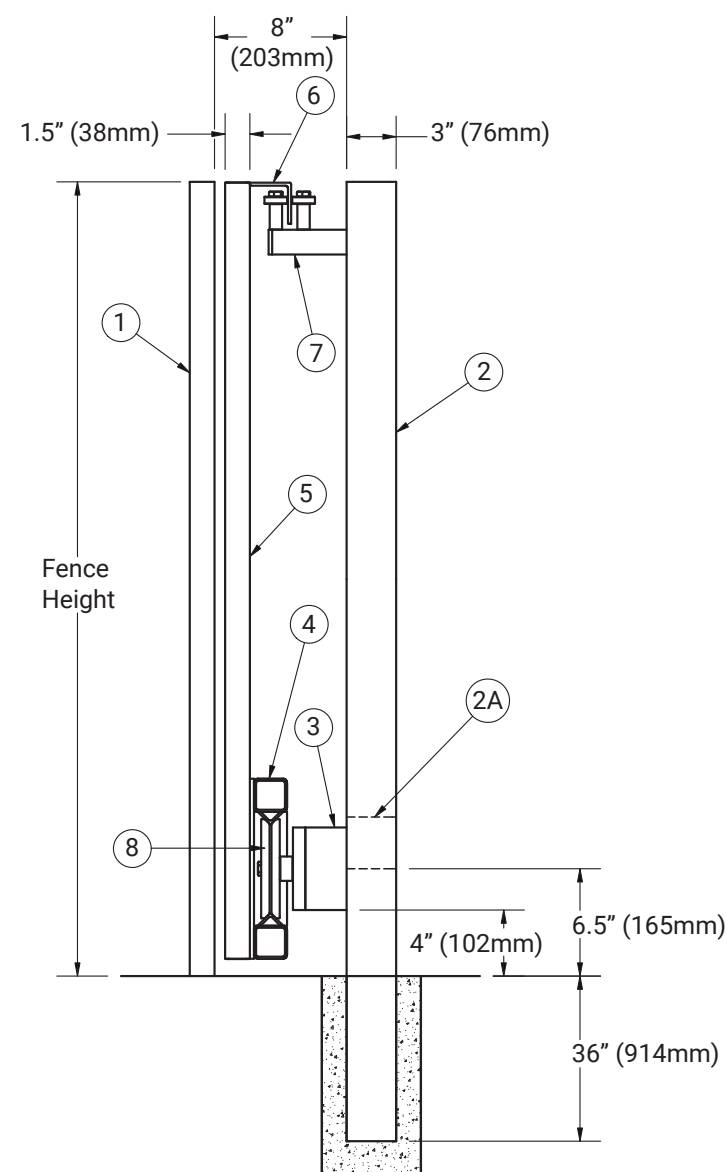


GATE SYSTEM SPECIFICATIONS:

- ① FENCE LINE
- ② TWO POSTS: 3 x 3 x 3/16" (76x76x5mm), 4 x 4 x 3/16" (102x102x5mm), OR 6 x 6 x 3/16" (152x152x5mm)
- ②A CONNECT TWO POSTS WITH RAIL (CAN BE USED FOR OPERATOR MOUNT)
- ③ 4 CANTILEVER WHEEL ASSEMBLIES WELD TO POST
- ④ TWO 2 x 2 CANTILEVER RAILS EITHER WELDED OR BOLTED TO GATE FRAME
- ⑤ GATE FRAME WITH SUPPORT PANEL POSTS: 3 X 3" (76x76mm), UP TO 12' (3,658mm) OPENING
4 x 4" (102x102mm), UP TO 22' OPENING
6 x 6" (152x152mm), OVER 22' (6,700mm) OPENING
SUPPORT PANEL LENGTH UP TO 12' (3,658mm) OPENING
- ⑥ FOR CANTILEVER WHEEL ASSEMBLIES, USE CI2240 FOR 4" (102mm) WHEELS AND CI2260 FOR 6" (152mm) WHEELS

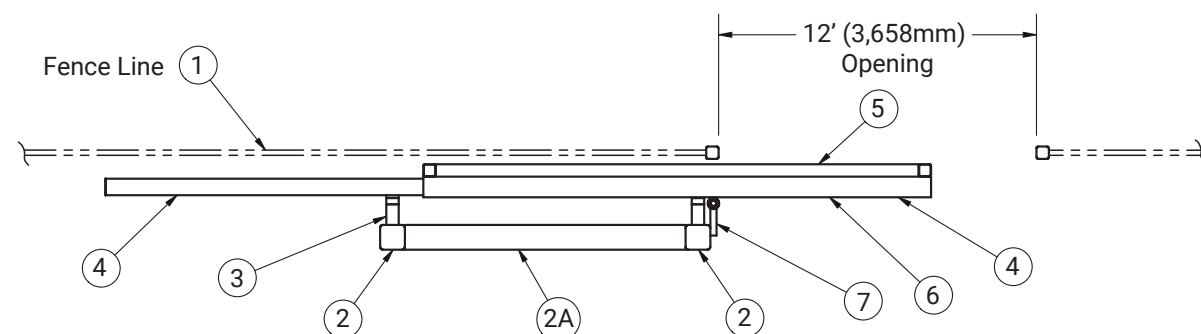


Full Cantilever Gate System-Weld/Bolt-On Rail

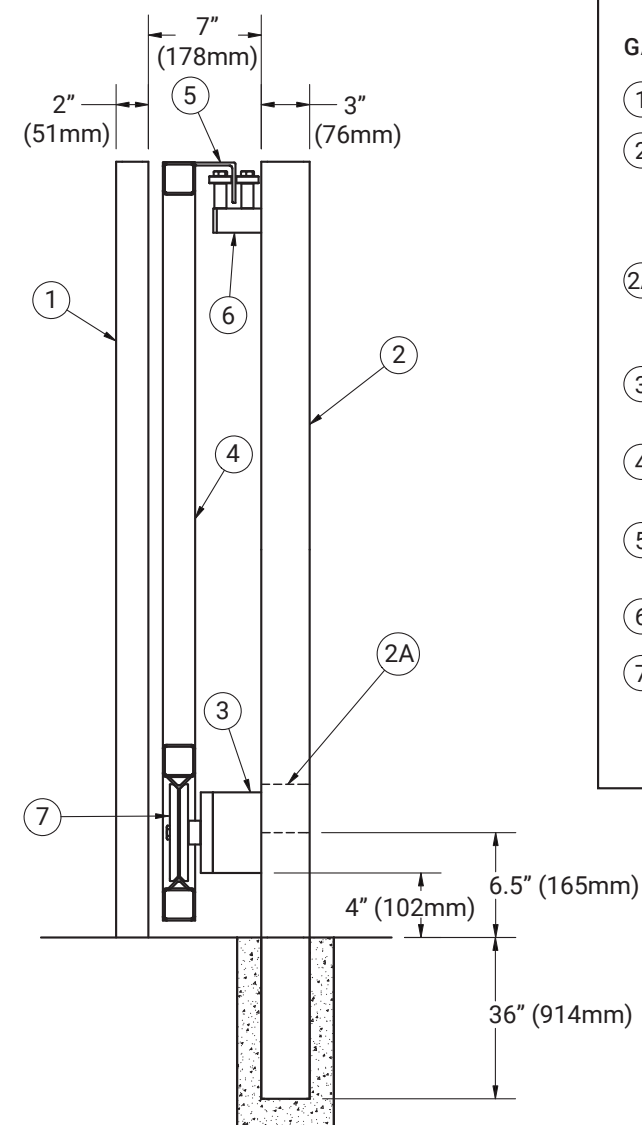


GATE SYSTEM SPECIFICATIONS:

- ① FENCE LINE
- ② 3 x 3 x 3/16" (76x76x5mm) OR 4 x 4 x 3/16" (102x102x5mm) POST
(1 POST AT FENCE HEIGHT)
(1 POST 24" (610mm) ABOVE GRADE)
- ②A CONNECT TWO POSTS WITH RAIL 6.5" (165mm) UP FROM GRADE (CAN BE USED FOR OPERATOR MOUNT)
- ③ CANTILEVER BRACKET WITH 2.5" (64mm) EXTENSIONS (2 TOTAL)
- ④ CANTILEVER RAIL EITHER WELDED OR BOLTED ON TO GATE FRAME
- ⑤ GATE FRAME
- ⑥ 2.5 x 2.5 x 3/16" (64x64x5mm) CONTINUOUS ANGLE WELD TO GATE FOR GUIDE
- ⑦ WELD GUIDE ASSEMBLY CI2300 OR CI2350 (EXTENDED VERSION) TO GUIDE POST
- ⑧ FOR CANTILEVER WHEEL ASSEMBLIES, USE CI2240 FOR 4" (102mm) WHEELS AND CI2260 FOR 6" (152mm) WHEELS

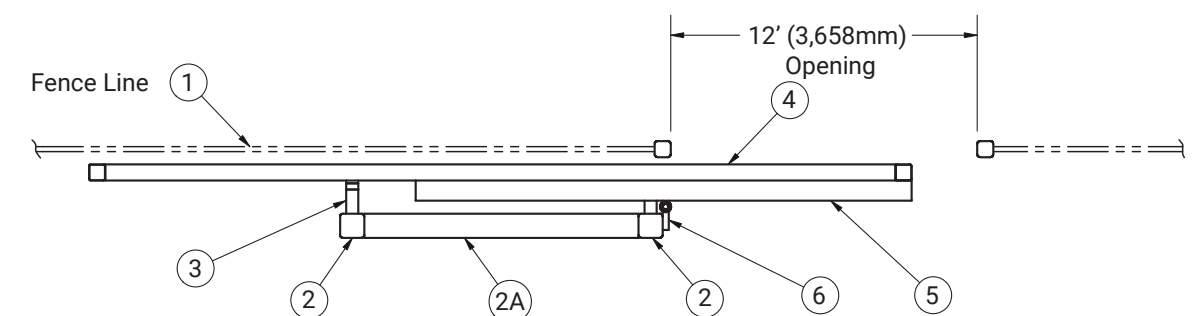


Full Cantilever Gate System-Built-In

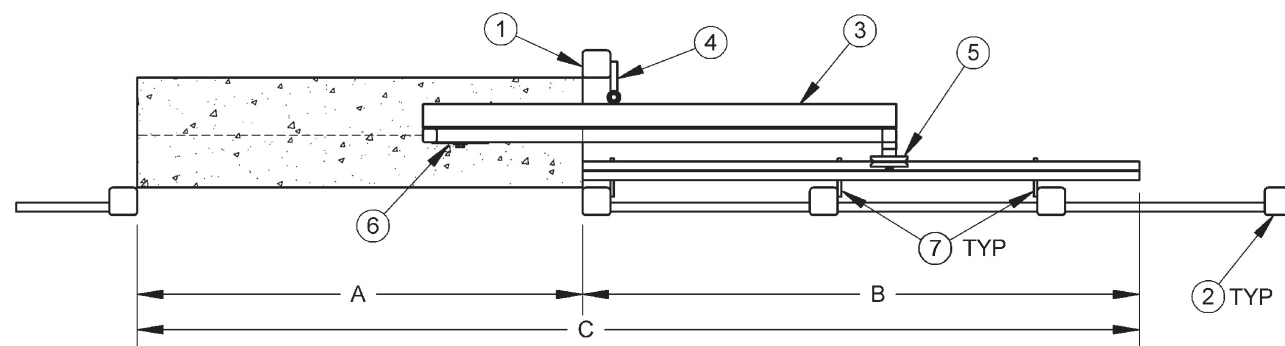


GATE SYSTEM SPECIFICATIONS:

- ① FENCE LINE
- ② 3 X 3 X 3/16" (76x76x5mm) OR 4 X 4 X 3/16" (102x102x5mm) POST
(1 POST AT FENCE HEIGHT)
(1 POST 24" (610mm) ABOVE GRADE)
- ②A CONNECT TWO POSTS WITH RAIL 6.5" (165mm) UP FROM GRADE (CAN BE USED FOR OPERATOR MOUNT)
- ③ CANTILEVER BRACKET WITH 3" (76mm) EXTENSIONS (2 TOTAL)
- ④ GATE FRAME WITH CANTILEVER RAIL USED AS PART OF FRAME
- ⑤ 2.5 X 2.5 X 3/16" (64x64x5mm) CONTINUOUS ANGLE WELD TO GATE FOR GUIDE
- ⑥ COUNSEL GUIDE WELD TO GUIDE POST
- ⑦ FOR CANTILEVER WHEEL ASSEMBLIES, USE CI2240 FOR 4" (102mm) WHEELS AND CI2260 FOR 6" (152mm) WHEELS



Semi Cantilever Installation Guide



1. A CEMENT THRESHOLD WITH ANGLE TRACK AT GATE OPENING
2. B MINIMUM 6" (152mm) LONGER THAN A, LONGER FOR OPERATOR SYSTEMS
3. C CANNOT DEVIATE MORE THAN 1.5" (38mm) VERTICALLY

GATE SYSTEM SPECIFICATIONS:

GUIDE POST

FENCE POST

GATE WITH CONTINUOUS 2 1/2 X 2 1/2 X 3/16" (64X64X5mm) GUIDE ANGLE

GUIDE ASSEMBLY, PART# CI2300

CANTILEVER WHEEL ASSEMBLY: ONE ON REAR OF GATE

4" (102mm) FOR RESIDENTIAL, PART# CI2240

6" (152mm) FOR COMMERCIAL, PART# CI2260

V WHEEL ASSEMBLY: ONE ON FRONT BOTTOM RAIL

4" (102mm) FOR RESIDENTIAL, PART# CI2515,

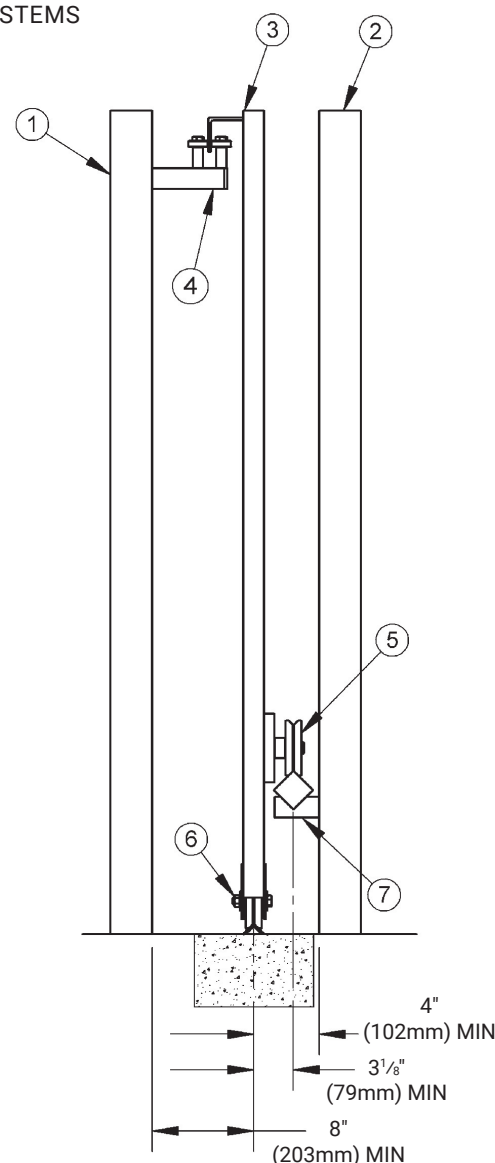
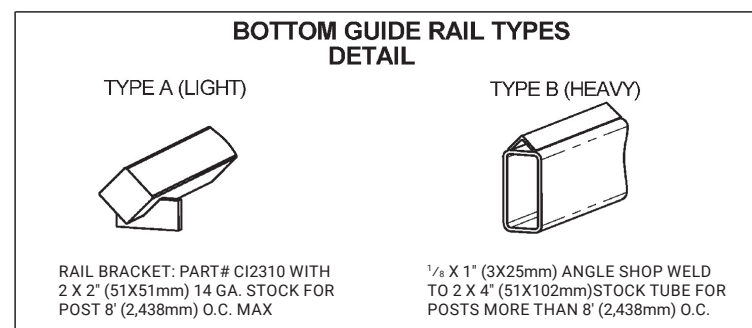
USE 1 1/2 X 3" (38X76mm) BOTTOM RAIL

6" (152mm) FOR COMMERCIAL, PART# CI2720,

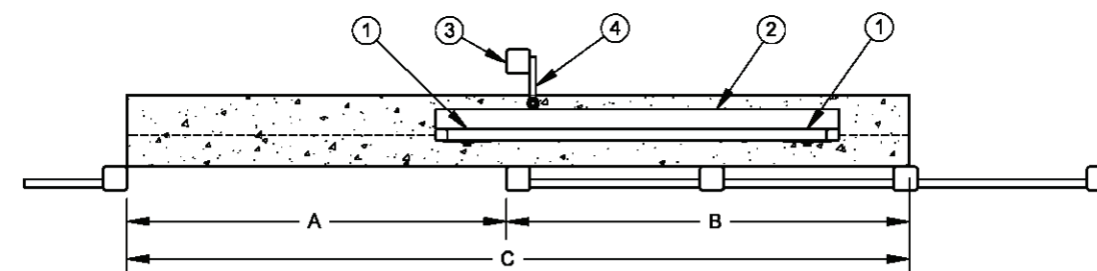
USE 2 X 4" (51X102mm) BOTTOM RAIL

RAIL BRACKET PART# CI2310,

FOR USE ON TYPE A RAIL 3/8 X 1 1/2" (10X38mm) FLAT



Full Threshold Style



1. FULL CEMENT THRESHOLD: A 12 X 12" (305X305mm) THRU OPENING
B 8 X 8" (203X203mm) BEHIND FENCE, ADJUST LENGTH FOR OPERATORS
2. SLOPE THRU C SHOULD NOT DEVIATE MORE THAN 1 1/2" (38mm) VERTICALLY

GATE SYSTEM SPECIFICATIONS:

TWO V-GROOVE WHEELS IN BOTTOM RAIL

A. 4" (102mm) FOR RESIDENTIAL, PART# CI2515,

USE 1 1/2 X 3" (38-76mm) BOTTOM RAIL

B. 6" (152mm) FOR COMMERCIAL, PART# CI2720,

USE 2 X 4" (51-102mm) BOTTOM RAIL

2 1/2 X 2 1/2 X 3/16" (64X64X5mm) CONTINUOUS ANGLE FULL LENGTH OF GATE HEIGHT LOCATION CAN VARY PER GATE DESIGN

GUIDE POST: MIN. 3 X 3 X .120" (76X76X3mm) WALL

GUIDE ASSEMBLY: PART# CI2300

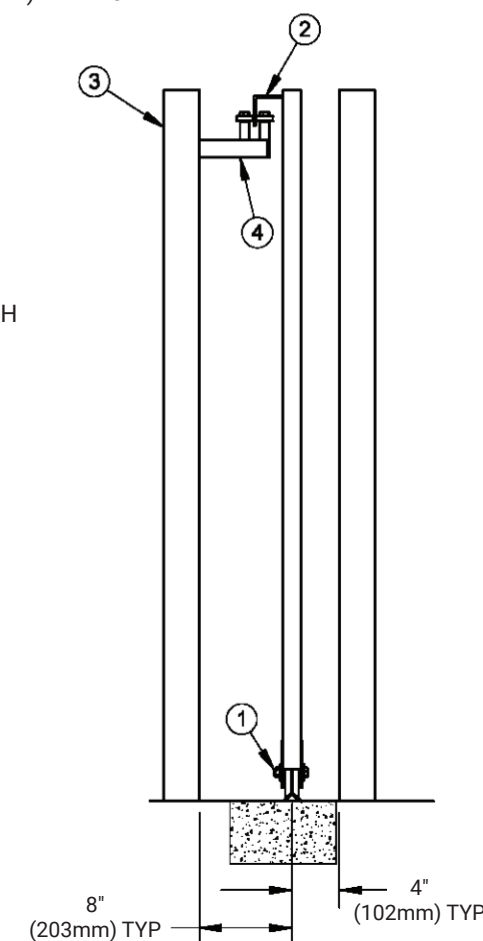
NOTES:

* MOST EFFICIENT SLIDE SYSTEM

WEIGHT BALANCED DIRECTLY OVER TOP OF WHEELS ALLOWING MAXIMUM USE OF WHEEL'S EFFICIENCY

*GUIDE ASSEMBLY KEEPS GATE IN LINE WITH MINIMUM FRICTION AS SEALED BEARING WHEELS ALLOW CONTINUOUS SMOOTH MOVEMENT

*SEVERAL HUNDRED POUND GATES MOVE WITH FINGER TOUCH EASE



Bottom Rail Cut Out Instructions Guide



Step 1: Cut a "V" notch in your bottom rail using a grinder and 4 1/2 x .040 x 7/8" (114x1x22mm) cutting wheel (or alternative method)



Step 2: Slide 4" (102mm) or 6" (152mm) HardCORE Wheel with Carriage Plate (CI2500 or CI2700 series) over bottom rail and weld into place. Wheel fits inside bottom rail, resulting in a UL325-compatible installation.

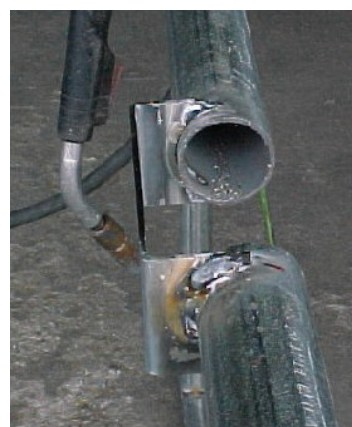
Recommended Bottom Rails:

- 2 x 4" (51x102mm) Bottom rail recommended for use with the 6" (152mm) of HardCORE Wheel with Carriage Plates for 2" (51mm) Gate Frame (CI2720)
- 1½ x 3" (38x76mm) Bottom rail recommended for use with the 4" (102mm) of HardCORE Wheel with Carriage Plates for 1½" (38mm) Gate Frame (CI2515)

Chain Link Slide Gate Wheel Installation Guide



Step 1: Align and tack weld our SHUT IT HardCORE Carriage Cap (CI2340 or CI2360) on top of your bottom rail.



Step 2: After HardCORE Carriage Cap is in place, cut rail off INSIDE of the carriage cap and then complete a full weld on both ends of the carriage cap.



Step 3: Slide either the 4" (102mm) or 6" (152mm) of HardCORE Wheel with Carriage Plates for 2" (51mm) Gate Frame (CI2520 or CI2720) into the HardCORE Carriage Cap and weld into position.

Proper Welding



Warning: Hinges will be severely damaged if electrical welding current is not properly grounded and will result in the warranty being void.

Damage can be caused by excessive heat or by welding current passing through the bearings. Ensure that the welding ground is always on the side being welded. Current must not pass through the bearings or severe damage will result.

To prevent heat related damage to the bearings, the welding process must be done in several small segments. Weld one surface at a time and alternate between top and bottom hinge. After each small segment is welded, the hinge should be allowed to cool before welding the next segment.

Use general field welding operations with suitable heat transfer controls. Protect hinge from weld spatter. Clean up and finish with appropriate corrosion and rust protection.

Notes

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

SHUT IT™

A D&D Technologies Company

NORTH & SOUTH AMERICA:

4500 East Speedway Blvd Suite 48

Tucson, AZ 85712

Tel: (520) 320-0680 Fax: (520) 320-0681

E-mail: sales@shutitgatehardware.com

AUSTRALIA:

D&D Technologies P/L, Unit 6, 4-6 Aquatic Drive,
Frenchs Forest NSW 2086

Tel: 1800 500 203 or (02) 9454 7888 Fax: (02) 9454 7688.

E-mail: sales@ddtech.com.au

EUROPE:

D&D Technologies B.V., Vondellaan Niasstraat 1
3531 WR Utrecht, The Netherlands

Tel: +31 (0)30 291 98 47 Fax: +31 (0)30 291 99 98

E-mail: sales@ddtech.nl

UK:

D&D Technologies, Charlwoods Road,
East Grinstead, West Sussex RH19 2HR

Tel: +44 (0) 1342 327280 Fax: +44 (0) 1342 327115

Email: enquiries@ddtechglobal.co.uk

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