





## **Since 1989**

Proudly the world's leading innovator and manufacturer of premium gate latches, locks and hinges...

The installation of a new gate is an important decision, regardless of it being for residential, industrial, commercial or child safety applications.

In general, gate latches and hinges make up just 1% of the total cost of a fencing installation...but it makes the other 99% function effectively.

The operation, construction (materials used), quality, weight, functionality, footprint and security are just some of the variations to consider when making an informed decision about gate hardware.

For over 30 years, D&D Technologies has been developing gate-closing systems you can trust, with state-of-the art manufacturing, quality testing and, most importantly, products backed by a guarantee to always perform to their intended use.

D&D Technologies now has over 300 Hi-Performance Gate Hardware Solutions!

#### AWARDS, MEMBERSHIPS, GLOBAL AFFILIATIONS & COMPLIANCES

























D&D Technologies operates under a fully accredited and internationally recognized ISO 9001 Quality Assurance System, which governs the design and manufacture of all our proprietary products

#### **AUSTRALIA-NZ**

- Australian Made & Owned an accreditation system, which ensures products that carry the logo are certified as 'genuinely Australian'.
- · Master Locksmiths Association of Australasia Ltd
- Standards Australia Pool Fencing & Safety Gate Compliance
- Swimming Pool & Spa Association (SPASA)
- Laurie Lawrence's "Kids Alive Do The Five" Program
- · Water Safe Auckland
- McDonald's® Restaurant Playlands (Australia)
- Architectural Hardware Industry Association (AHIA)
- Master Builders' Association (MBA)

#### **NORTH AMERICA**

- U.S. Consumer Product Safety Commission (CPSC)
- · American Fence Association
- · Association of Pool & Spa Professionals (APSP)
- International Code Council (ICC)
- ASTM International (ASTM)
- · Co-founder/Sponsor, National Drowning Prevention Alliance (NDPA)

#### **EUROPE**

• Certain products conform with AFNOR Standard NF P90-306 (relating to swimming pools; tested by LNE EO13331)

#### **WARRANTIES & LIABILITY**

All D&D Technologies' ("D&D") proprietary\* products are warranted to be free of defects in materials and workmanship to the original purchaser for as long as they own the product.

If a structural defect appears, the original purchaser may return the item, freight prepaid, together with proof of purchase to D&D or its approved international agents.

D&D or its agent will, at their discretion, repair or replace the defective item or part without charge to the purchaser.

THIS WARRANTY SHALL NOT APPLY WHEN the product has been tampered with, when repairs or attempted repairs have been made by unauthorized persons, where the item has been subjected to misuse, abuse, accident or damage in transit, or where the installer has not followed the instructions set out during installation, operations or Maintenance Requirements.

IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. No warranty is given other than that set out above. No other express or implied warranties (including statutory warranties) apply, other than warranties which may not be legally excluded.

For full warranty details & conditions please refer to the individual products' documentation.

**Note:** D&D Technologies reserves the right to modify or update any products within this catalog without notice.

<sup>\*</sup> Warranty terms on non-proprietary products offered by D&D may carry different conditions and requirements. Refer to those individual products for more details.



# A proud history of innovation



1985

D&D Technologies begins life as D&D Aluminum Balustrading, a custom-made, aluminum and glass pool fencing and balcony railing company. Based in Sydney, Australia, it was cofounded by David Doyle and Neil Dunne. The "D&D" is derived from the surnames of the company's founders.



MagnaLatch is invented!

David Doyle sees a TV science program featuring "rare earth" magnets – powerful "new" magnets that never lose their magnetic force. From this he gets the inspiration for a magnetic gate latch that won't jam, stick or rust, and will always engage.



1989

The first magnetic gate latch manufactured. The first hand-made MagnaLatch® 'Side Pull' is contrived for use on all D&D Aluminum's gates. D&D Technologies is formed soon after to manufacture the latches.

# 2009

Introduces the TruClose® Vizage™ Hinge for glass-to-round-post gates and fences, with revolutionary tension adjustment from both ends of hinge! The Vizage™ Hinge is the first to market with optional, decorative metalized trim covers.





2007

Patent application filed for a LokkLatch® with a self-locking mechanism. LokkLatch® PRO Self-Locking Gate Latch launched to market.

2006

Series 2 LokkLatch® DELUXE and LokkLatch® launched.









2004

LokkLatch® PRO Privacy & Security Gate Latch wins the Australia Design Mark from Standards Australia. Founded National Drowning Prevention Alliance.

# 2010

TruClose® Vizage™ receives a Good Design Mark from Good Design Australia. MagnaLatch® LOCKABLE Side Pull Series 2 launched.





2011

Introduces the SureClose® range of heavy duty, hydraulic gate hinges and hinge-closers. Stainless Steel Vizage™ Side Pull Gate Latch launched.

# 2012

Introduces innovative, sustainable-design flexible pouches for retail hardware lines, eliminating the need for costly and wasteful clamshell packs.







2013

Introduces the TruClose® Series 3 safety gate hinge range. LokkLatch® MAGNETIC launched in another innovative 'first' to market. Both product ranges include optional, metalized trim covers.

# 1990

D&D invents Polymer
Safety Gate Hardware.
D&D releases the original
MagnaLatch® Top Pull'
Child Safety Gate Latch &
TruClose® Series 1 Polymer
Hinges. Both revolutionize
child safety around swimming
pools, childcare centres,
homes and businesses.
MagnaLatch® wins the Silver
Medal at the renowned
Geneva Convention for New
Products & Innovations.



1991

MagnaLatch® Series 1 wins the prestigious Australian Design Award from Standards Australia.

1992

The original **TruClose® Series 1** Gate Hinge wins the Australia Design Award from Standards Australia.

Australian Design Award 1996

TruClose® Series 2
Regular, Heavy Duty
and MultiAdjust
Hinges are born.
D&D Technologies
(USA) Inc. established
in Los Angeles, California.
Export markets expand to numerous
countries, marking the beginning of

D&D Technologies as a global brand.



Launch the LokkLatch PRO, a true key-way lock, accessible from both sides with 6-pin security locks.

David Doyle posthumously awarded SPASA's (Swimming Pool & Spa Association) coveted Ellis Champion Award. 2000

MagnaLatch® Series 2 Top Pull' wins Kidsafe 'Product of the Year". MagnaLatch® endorsed by Royal Life Saving Society, Water Safety NZ and Laurie Lawrence's Kids Alive Drowning Prevention Program.



1999

D&D releases MagnaLatch Top Pull 'Series 2', a marked improvement over Series 1 designs and the world's first horizontally and vertically adjustable safety gate latch.





1997

The original LokkLatch® Series 1 with an External Access Kit (push-button) and built-in locks is launched, marking the first significant advancement in gravity gate latches in centuries.

# 2014

Introduces the stylish MagnaLatch® Series 3 with revolutionary Locked/Unlocked indicator

SureClose® READYFIT launched. SureClose® READYFIT wins the Architectural Record's 2014 Product Award in the USA.



Record Products 2014
WINNER



2015

Introduces the MagnaLatch® ALERT Gate Latch-Alarm, the world's first safety gate latch with built-in electronic alarms. MagnaLatch® ALERT awarded Good Design Award by Good Design Australia. KwikFit\* Aluminum Hinge range launched.

2016

D&D acquires Shut-It® Gate Hardware, a range of industrial, metal gate hardware. 'Bad Ass' and 'Hard Core' product lines introduced to the D&D range. D&D Technologies wins the Australian National Export Award from Master Builders Australia.









2017 - 2019

Introduces the SureClose®
CONCEALFIT all-in-one concealed
hydraulic hinge-closer for doors.
Introduces the LokkLatch® PLUS
Privacy Gate Latch with distinctive
D&D-green key, as well as the
KwikFit™ 1" Aluminum Gate Hinge.

# The world's most trusted gate hardware



# WHY A WELL-MAINTAINED GATE IS A SMART DECISION

- In general, gate latches and hinges make up just 1% of the total cost of a perimeter fence...but it makes the other 99% function effectively.
- Fences and gates can shift due to ground settling, environmental factors and general use and abuse. Latches, locks and hinges should be readily adjustable to ensure that gates work reliably and safely at all times.
- Gates are the only moving part of the fence system. Gates depend on high-quality gate hardware to function properly in <u>all</u> conditions and climates.
- Properly functioning gates that self-close, self-latch and provide ongoing adjustability (alignment) give consumers peace-of-mind. Gates and gate hardware should provide security and safety at all times.



#### ADJUSTABILITY

Hardware that's easily installed and can be adjusted for vertical and horizontal alignment, or self-closing tension.



#### QUALITY

Super-strong engineering polymers and quality, stainless steel components offer rust-free reliability over a lifetime.



#### RELIABILITY

D&D gate hardware is designed to work in the harshest environments and conditions – freezing, heat, salt, sand...



#### WARRANTY

D&D's exceptional Lifetime Warranty (most products) is your guarantee of peace-ofmind during and well after your hardware has been installed.



#### **TESTING**

All our hardware is rigorously tested to meet international Standards/Codes and to comply with ISO-9001 Quality Assurance.



#### **SECURITY**

D&D's award-winning, innovations provide the quality and strength expected to keep children, homes and businesses safe and secure.

# **INDEX**

The D&D Technologies' range of quality gate latches, locks, hinges and closers are designed to protect your loved ones by safeguarding swimming pools, homes, gardens and perimeter gates and fences.

#### **Experience counts**

D&D Technologies began life as a fencing company more than 30 years ago.

Our multi-award-winning products are the choice of fencing professionals and DIY'ers worldwide.

#### We are proudly Made in Australia

All of D&D's polymer gate hardware is manufactured in our own facilities in Sydney Australia, and subject to ISO-9001 Quality Assurance auditing and certification. This ensures that our strict quality standards and product reliability are maintained on all products.

#### We offer a Lifetime Warranty

We confidently offer a Lifetime Warranty on all our D&D-manufactured gate hardware products. Some electrical components are limited to a 2-Year Warranty from our supplier/manufacturer.

#### Our products will not rust or stain

D&D invented the world's first polymer gate latches and hinges (and magnetic gate latches) constructed of engineering polymers and marine-grade stainless steel components. Our long-lasting polymer and stainless steel hardware will not rust, bind, sag or stain.

#### Your safety is our priority

We are constantly refining the designs of our premium gate hardware to improve child safety around swimming pools, childcare centres, schools, resorts, hotels, homes and businesses.

#### Innovation is our passion

We employ a dedicated team of Research and Development engineers and industrial designers to develop new and improved products year after year. The result is innovative, state-of-the-art gate hardware boasting numerous design awards and accolades from safety organizations.

#### 10 ..... MAGNETIC LATCHES

MagnaLatch® ALERT\*
MagnaLatch® TOP PULL\*
MagnaLatch® VERTICAL PULL\*
MagnaLatch® SIDE PULL\*
MagnaLatch® VIZAGE®\*

#### 19 .....LOCKABLE LATCHES

PullBolt™\*
LokkLatch® PLUS\*
LokkLatch® DELUXE\*
LokkLatch® REGULAR\*
LokkLatch® ROUND\*
LokkLatch® PRO.SL\*
LokkLatch® MAGNETIC\*
T-Latch™

#### 26 ..... SELF-CLOSING HINGES

TruClose® REGULAR
TruClose® HEAVY DUTY
TruClose® ROUND
TruClose® MULTI-ADJUST
TruClose® VIZAGE®
DecoMold™

#### 36 ...... KWIKFIT ECONOMICAL HINGES

KwikFit™ ALUMINUM Hinges KwikFit™ POLYMER Hinges

#### **40** ..... GATE ACCESSORIES

LokkBolt®\* Q-Bolt™ GateStop™ GateHand<u>le™</u>

#### 43 ..... HYDRAULIC HINGE/CLOSERS

SureClose® READYFIT\*
SureClose® FLUSH/CENTER MOUNT\*
SureClose® CONCEALFIT\*
SureClose® EASY\*

#### 55 ..... INDUSTRIAL HINGES

Shut-It<sup>™</sup> BadAss<sup>™</sup> Hinges

#### 66 ..... GATE WHEELS

Shut-It<sup>™</sup> HardCore<sup>™</sup> Wheels/Accessories

#### **75** ...... WOOD GATE HARDWARE

Wood Hardware Latches Wood Hardware Accessories Wood Hardware Hinges

#### **80** ..... STAINLESS STEEL HARDWARE

D&D Stainless Steel Latches D&D Stainless Steel Hinges

<sup>\*</sup> Indicates product affected by Californian Govt "Prop 65" initiative, whereby products contain possible harmful substances listed under Prop 65 guidelines. Substances used in D&D's products are not airborne, unbound particles of a respirable size, as Prop 65 outlines.



# Choosing the correct



#### POOL AND CHILD SAFETY GATES

Safety gates around pools, homes, childcare centers, schools and wherever safety is critical, need hardware you can trust. D&D invented the MagnaLatch® over 30 years ago, and with millions installed worldwide, they continue to set the standard in compliant, child safety gates.

MagnaLatch® ALERT Top Pull – Latch with electronic alarms MagnaLatch® Top Pull – Reliable, magnetic latching MagnaLatch® Side Pull Lockable – Small, magnetic latch Truclose® Regular – Self-closing hinges for regular gates Truclose® Heavy Duty – Self-closing hinges for heavier gates SureClose® SF models – Hydraulic hinge-closers



#### FRONT ENTRANCE OR GARDEN GATES

Usually constructed of metal, wood, vinyl or Colorbond®, residential entrance gates are often high traffic, so need to be reliable and secure, with smooth and even closure. D&D gate latches and hinges are designed to last – no rusting, sagging, binding or staining. Easy to install, and adjustable to allow for fence or ground movement.

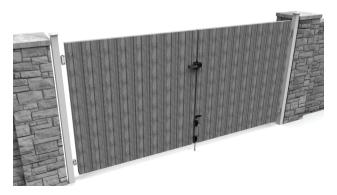
MagnaLatch® Side Pull – Lockable or non-lockable latches LokkLatch® – Versatile range of lockable gate latches T-Latch – Toggle-style gravity latch; padlockable Truclose® – Self-closing hinges for heavy or high traffic gates KwikFit™ – Aluminum and Polymer self-closing hinges



#### PRIVACY AND SECURITY GATES

Privacy gates for residential or commercial applications are designed to protect loved ones, pets and property. D&D's range of gate latches, locks and self-closing hinges are guaranteed to offer reliability and added protection for perimeter and side gates.

MagnaLatch® ALERT Vertical Pull – Latch with electronic alarms
MagnaLatch® Vertical Pull – Reliable, magnetic latching
LokkLatch® – Versatile range of lockable latches
SureClose® – Hydraulic hinge-closers
Truclose® Regular – Self-closing hinges for regular gates
Truclose® Heavy Duty – Self-closing hinges for heavier gates
KwikFit™ – Aluminum and Polymer self-closing hinges



#### **DOUBLE DRIVEWAY GATES**

Swinging, double driveway gates give a more traditional look by opening from the center. The gates can be automated with less swing and weight than single driveway gates, but require hinges on both sides, plus a latch and optional drop-bolts. D&D's range of double driveway gate hardware is designed for this type of application.

MagnaLatch® S3 Vertical Pull – Magnetic, reliable closure LokkLatch® – Range of lockable latches

Truclose® – Self-closing hinges for heavy or high traffic gates

SureClose® – Hydraulic hinge-closers

Shut-It® BadAss™ – Heavy-duty, weld or bolt-on hinges

LokkBolt® & Q-Bolt™ – Drop-bolts for Metal, wood and Vinyl

# D&D gate hardware for every application



#### **ROUND-POSTED CHAINLINK GATES**

Chainwire gates, also known as chainlink and chainmesh gates, are used for a variety of domestic, commercial or industrial applications, including tennis court fencing, factory/building enclosures, ball-game practice nets, sporting enclosures and temporary fencing.

LokkLatch® ROUND – Lockable Gate Latch for round posts MagnaLatch® TP or VP with round-post adaptor kit TruClose® ROUND – Heavy Duty hinges for round posts MiniMultiADJUST™ – Round post hinge for regular gates Shut-It® BadAss™ – Weld-on or bolt-on heavy duty hinges GateStop™ – Reduces gate slam noise



#### HIGH SECURITY ACCESS GATES

High-security pedestrian gates are designed to provide selfclosing and lockable access to secure people and property. Often used for commercial entry gates at schools, apartments, data centers, strata buildings, government depots, police stations, industrial sites and other high security applications.

LokkLatch® DELUXE – Key lockable, premium gate latch
LokkLatch® PRO.SL – Self-locking, security gate latch
Truclose® Heavy Duty – Self-closing hinges for heavy gates
SureClose® READYFIT – External mount hydraulic hinge-closers
SureClose® FLUSH/CENTER MOUNT – Hydraulic hinge-closers
Shut-It® BadAss™ – Weld-on or bolt-on heavy duty hinges



#### **GLASS GATES WITH ROUND METAL POSTS**

Semi-frameless glass is typically 8mm or 10mm (%6" or %") thick supported by steel or aluminum round posts. The glass is then mounted into the post with rubber seals to prevent the glass from moving. D&D has developed a range of gate hardware to complement this style of modern pool fence or balustrading system.

MagnaLatch® Side Pull – Lockable or non-lockable latches Glass Hardware Kit MLSPS2GHK - Latch with gate-stop MagnaLatch® Vizage® – Stainless steel magnetic latch (bracket required)

Truclose® Vizage - Self-closing hinges with decorative trim



#### **ROLLING-ACCESS CONTROL GATES**

Sliding gates are either on a track (wheels slide on metal track) or are of a cantilevered sliding gate system where the gate is structurally supported by rollers or wheels.

LokkLatch® DELUXE – Key lockable, premium gate latch LokkLatch® PRO.SL – Self-locking, security gate latch Shut-It® HardCore™ – Gate wheels and accessories

# Choosing your latch or lock MagnaLatch® Top Pull & Vertical Pull

#### MagnaLatch® ALERT Top Pull & Vertical Pull





LokkLatch® DELUXE

GATE LATCH/LOCK PRODUCT	LOCK TYPE/ REKEYABLE	IDEAL GATE GAP	GAP VARIANCE	VERTICAL ADJUSTMENT	LOCKS OR OPERATES FROM BOTH SIDES OF THE GATE
MagnaLatch® Top Pull and Top Pull ALERT Magnetic child safety gate latch. ALERT model with visual and audible alarms. Key Lockable.	6-Pin/Yes	³¼" 19mm	½" - 1½" 13-38mm	1½ <b>"</b> 38mm	No
MagnaLatch® Vertical Pull and Vertical Pull ALERT Magnetic front gate, side gate and pet safety gate latch. ALERT model with visual and audible alarms. Key Lockable.	6-Pin/Yes	³¼" 19mm	½" - 1½" 13-38mm	<sup>3</sup> ⁄ <sub>4</sub> " 19mm	No
<b>MagnaLatch® Side Pull</b> General-purpose gate latch for gates around homes and gardens. Available with or without lock cylinder.	Wafer/No	³%" 10mm	<sup>5</sup> / <sub>16</sub> " - <sup>11</sup> / <sub>16</sub> " 7-17mm	³%" 10mm	No
<b>LokkLatch® MAGNETIC</b> Magnetic gate lock with unique push/pull operation. Locks and operates from both sides of gate.	6-Pin/Yes	³¼" 19mm	%" - 1¼" 10-32mm	½" 13mm	Yes
<b>LokkLatch® DELUXE</b> The Ultimate Privacy & Security Gate Latch. Locks and operates from both sides of the gate. Lock cylinder can be rekeyed to match existing doors and accesses.	6-Pin/Yes	1" 25mm	%" - 1½" 16-38mm	½" 13mm	Yes
<b>LokkLatch® PLUS</b> Privacy gate latch that locks and operates from both sides of the gate. Semi-security lock cylinder. Smaller footprint than premium LokkLatch DELUXE.	Wafer/No	³¼" 19mm	¾" - 1⅓6" 10-27mm	½" 13mm	Yes
<b>LokkLatch® REGULAR</b> Lockable gravity latch for general- purpose gates around homes and gardens. Wafer keyed.	Wafer/No	³¼" 19mm	%" - 1%" 10-35mm	1¼ - 2¼" 32-57mm	Yes, with External Access Button (EAK)
<b>LokkLatch® ROUND</b> Lockable gate latch for round-posted gates and fences. Includes adaptors for various diameters.	Wafer/No	1 ½" 38mm	1¼" - 2¼" 32-57mm	½" 13mm	Yes, with External Access Button (EAK)
<b>LokkLatch® PRO.SL</b> Self-locking security gate latch. Requires key to enter and exit. Ideal for hotels, apartments, condos etc.	6-Pin/Yes	³¼" 19mm	½" - 1½" 13-38mm	¾" 10mm	Yes
<b>T-Latch®</b> Toggle-style gravity gate latch with floating latch bolt. Automatically compensates for gate sag. Padlockable.	Use Padlock	³¼" 19mm	3%" - 134" 10-44mm	½" 13mm	No
<b>D&amp;D PullBolt™</b> Heavy duty, 316-stainless steel, sliding (throw) bolt lock. Powerful locking security for a variety of applications.	6-Pin/Yes	³⁄₁ <sub>6″</sub> 5mm	<sup>3</sup> / <sub>32</sub> " - <sup>11</sup> / <sub>32</sub> " 2–9mm	-	No
MagnaLatch® Vizage™ Side Pull Stylish, stainless steel, magnetic gate latch. Ideal for glass gates but requires mounting brackets.	N/A	Max. ¾" 10mm	<sup>5</sup> /16" - <sup>11</sup> /16" 7-17mm	¾" 10mm	No

# Check your latch applications and features



METAL	WOOD	VINYL	CHAINLINK	POOL SAFETY GATES	PEDESTRIAN GATES	PRIVACY GATES	DOUBLE DRIVE	AVAILABLE IN WHITE †
•	•	•	*	**	•			
•	•	•	*	**	•			•†
•	•	•		**	•			•†
•	•	•			•	•	•	
•	•	•			•	•	•	
•	•	•			•	•	•	+
•	•	•			•			•†
			•		•			
•	•	•			•	•		•†
•	•	•			•		•	
•	•				•			
•	•			•	•			

<sup>\*</sup>Using Round Post Adaptor Kit. \*\*Check local pool barrier guidelines for proper installation methods. †White not available in AU/NZ

# 

# World's most trusted child safety gate latches



#### Child Resistant Knob

Newly designed shape is more ergonomic, but also more child resistant than ever

# Visible Lock Indicator

"Red dot" indicator shows, at a glance, whether the latch is locked or unlocked

## Rekevable Security Lock

6-pin lock cylinder can be rekeyed (by a locksmith) to match existing doors etc.

# Built-in Post Cap Spacing

No need for separate post-cap spacers

## **T-Track innovation**

Unique, solid rear mounting track gives superior fixing strength and easy vertical adjustment

## Product Traceability

Superior, quality manufacturing and responsible tracking through registered product numbering

0401600870 1600879:46

# **Improved Drainage**

Sloping feature channels water away from latch and striker body

# **Alignment Indicators**

Help identify when vertical or horizontal adjustment is required

# Safety Stop

The original safety stop prevents children from pushing the gate down to unlatch





## The original, versatile magnetic latch

- Small & unobtrusive easy to install
- · Lockable and non-lockable models
- Model for round-post-to-glass gates
- · Vertical & horizontal adjustment
- New, snap-fit dress caps no visible fasteners
- · Will not rust or corrode







CODE	MODEL - FEATURE	IDEAL GAP GAP VARIANCE			
MLSPS2L	MLSPS2L Key Lockable Side Pull		<sup>5</sup> /16" - <sup>11</sup> /16" (7-17mm)		
MLSPS2	Side Pull	%" (10mm) 5/16" - 11/16" (7-1			
		APPLICATION			
MLSPS2LGHK	Lockable Glass Kit	Fits ¾ <sub>16</sub> " - ¾" (8–10mm) glass			
MLSPS2GHK	Glass Kit	Fits 5/16" - 3%" (8–10mm) glass			



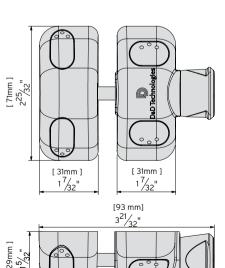
Side Pull non-lockable

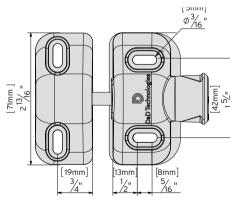


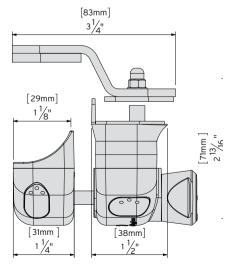
Glass and round post



Gate-stop anti-slam device







[ 71mm ] <sub>2</sub>25, "

[ 18mm] 23/ /32"

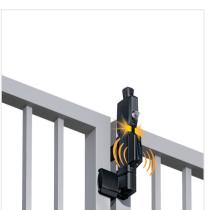


# **Safety Gate Latch with ELECTRONIC ALARMS**

#### **ALERT Top Pull**



#### **ALERT Vertical Pull**



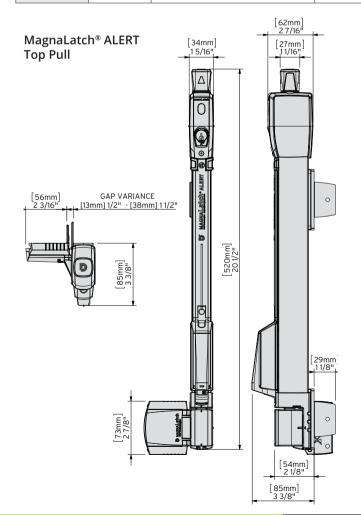
Replace	ements/S	oares
---------	----------	-------



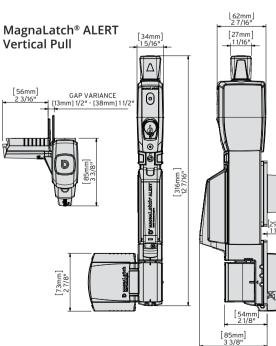
CODE	MODEL FEATURE
ML3ASB	Replacement 3.6 volt AA Battery
ML3SKLA	Replacement Lockwood Key (AU-NZ)
ML3SKKA	Replacement KwikSet Key (US)

MagnaLatch® comes standard with a gate gap variance of ½"–1½" (13-38mm). For larger gaps of up to 2" (50mm), an optional spacer is available (see left). Install the spacer behind the Striker Mounting Plate to ensure proper latch installation and operation.
2" Gate Gap Spacer fits MagnaLatch Series 2, 3 and ALERT models.

CODE	COLOR	MODEL FEATURE	IDEAL GAP	GAP VARIANCE
ML3ATP	Black	Top Pull 6-Pin Lock - Keyed Alike + Alarm	³¼" (19mm)	½" - 1½" (13-38mm)
ML3AVP	Black	Vertical Pull 6-Pin Lock - Keyed Alike + Alarm	³¼" (19mm)	½" - 1½" (13-38mm)
ML3SPACER	Black	Gate Gap Spacer	2" (50mm)	-









# The Original Magnetic Child Safety gate latch







ML3TP Series 3 Top Pull

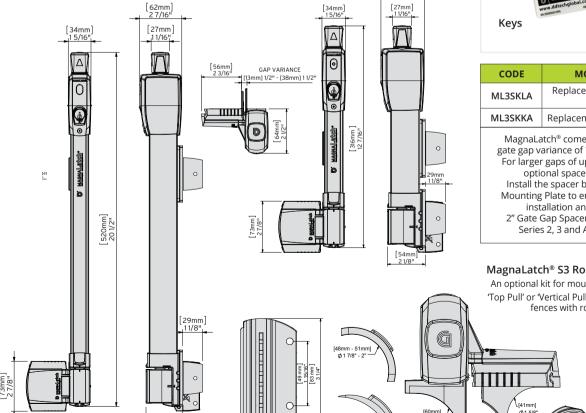
ML3VP Series 3 Vertical Pull

ML3RPK Round-Post Adaptor Kit

CODE	COLOR	MODEL FEATURE	IDEAL GAP	GAP VARIANCE
ML3TP	Black	Top Pull: 6-Pin Lock - Keyed Alike	¾" (19mm)	½" - 1½" (13-38mm)
ML3TPKAWT	White	Top Pull: KwikSet - Keyed Alike	¾" (19mm)	½" - 1½" (13-38mm)
ML3VP	Black	Vertical Pull: 6-Pin Lock - Keyed Alike	¾" (19mm)	½" - 1½" (13-38mm))
ML3RPK	Black	ML3 Round-Post Adaptor Kit	1½" (38mm)	1 ¼" - 2¼" (32-57mm)
ML3SPACER	Black	Gate Gap Spacer	2" (50mm)	-



MagnaLatch® S3 Vertical Pull





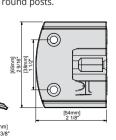
CODE	MODEL FEATURE
ML3SKLA	Replacement Lockwood Key (AU-NZ)
ML3SKKA	Replacement KwikSet Key (US)

MagnaLatch® comes standard with a gate gap variance of ½"-1½" (13-38mm). For larger gaps of up to 2" (50mm), an optional spacer is available.

Install the spacer behind the Striker Mounting Plate to ensure proper latch installation and operation. 2" Gate Gap Spacer fits MagnaLatch Series 2, 3 and ALERT models.



An optional kit for mounting all MagnaLatch 'Top Pull' or 'Vertical Pull' models to gates and fences with round posts.





# **Industry leading safety features**

- The world's most trusted safety gate latch
- Ideal for residential or commercial safety gates Improved, stylish "Series 3" design
- Industry leading magnetic latching technology
- Visual indicator provides Locked/Unlocked status
- 6-pin lock for higher security (rekeyable)
- · Vertical and horizontal adjustment
- · Alignment marks indicate when adjustment is required





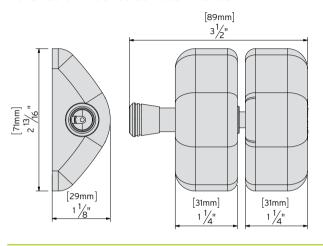




# 

#### Stainless steel Side Pull latch

- · Reliable magnetic latching
- 316 marine-grade stainless steel
- Corrosion-resistant latch bolt
- No visible fasteners (blind fixing from rear)
- · Polished or Brushed surface finishes





Vizage™ stainless steel gates latches are non-locking

CODE	FINISH	IDEAL GATE GAP	
MLSPS2VPSS	Polished Stainless Steel	½" (8mm)	
MLSPS2VBSS	Brushed Stainless Steel	½" (8mm)	





# D° PULLBolt

## **Powerful locking security latch**

- High-quality, high-security lock
- 316 marine-grade stainless steel quality
- · Won't rust, corrode or stain
- · Resistant to tampering and hacksawing
- Fits left-handed and right-handed doors & gates



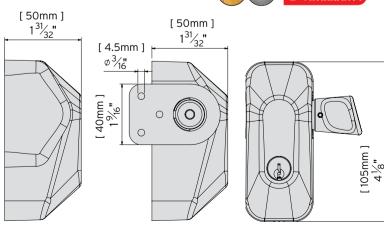
**Face Mount** 

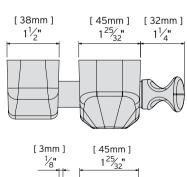


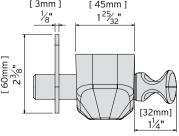
CODE	MODEL	FINISH	GATE MATERIAL	IDEAL GAP
FPBSSFM-L	Face Mount	Chrome	Metal, Wood	¾" (6mm)
FPBSSSM-L	Side Mount	Chrome	Metal, Wood	¾" (6mm)













# World's first key lockable, polymer gravity latch



# Molded Latch Body

AUSTRALIAN MADE

Strong and rust-free. Constructed from UV-stabilized, industrial-strength polymer.

#### **External Access Button**

The LokkLatch® range can be opened from either side of the gate using an External Access Kit

## Vertical Adiustment

Latch provides quick and simple vertical adjustment to allow for gate sag or ground movement over time.

# Components

316 marine-grade stainless steel components will totally resist rust or stains

## 6-Pin Rekeyable Lock

Can be rekeyed (by a locksmith) to match existing doors and other accesses.









LOKKLATCH® MAGNETIC LOKKLATCH® DELUXE





LOKKLATCH® PLUS



LOKKLATCH®



LOKKLATCH® PRO.SL





## **Privacy Gate Latch**

- Operates & locks from both sides of gate
- Innovative alignment jig for easy installation
- Requires only one drilled hole through post
- Includes 5 & 6" (125 &150mm) connector rods
- Over 200 lock-cylinder combinations
- Vertically and horizontally adjustable
- · Will not rust, bind or stain
- Industrial-strength polymer construction
- 316 marine-grade stainless components
- Fits fence posts 1"- 6" (25-150mm) deep

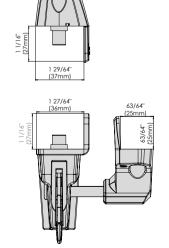


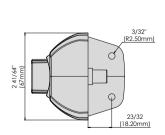
CODE	COLOR	KEYED	GATE MATERIAL	IDEAL GAP	GAP VARIANCE
LL3PWD	Black	Different	Metal, Wood, Vinyl	³¼" (19mm)	<sup>3</sup> / <sub>8</sub> " - 1 <sup>1</sup> / <sub>16</sub> " (10 – 27mm)
LL3PWA	Black	Alike	Metal, Wood, Vinyl	³¼" (19mm)	<sup>3</sup> / <sub>8</sub> " - 1 <sup>1</sup> / <sub>16</sub> " (10 – 27mm)
LL3PWAWT	White	Alike	Metal, Wood, Vinyl	³¾" (19mm)	<sup>3</sup> / <sub>8</sub> " - 1 <sup>1</sup> / <sub>16</sub> " (10 – 27mm)

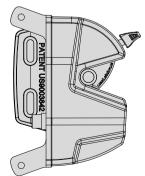


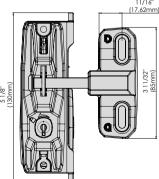












# o Lokk**Latch** Deluxe

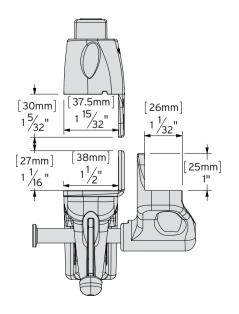
**PREMIUM Privacy and Security Gate Latch** 

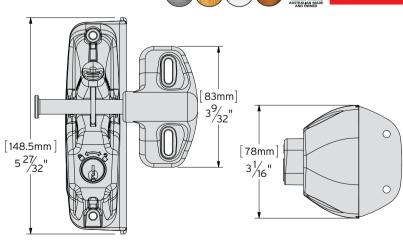
- Operates & locks from both sides of gate
- Ideal for residential and heavy-duty gates
- Dual 6-pin locks (can be rekeyed)
- Keyed-alike or keyed different options
- · Requires only one drilled hole through post
- Includes 5 & 6" (125 &150mm) connector rods
- Vertically & horizontally adjustable
- Industrial-strength polymer construction
- 316 marine-grade stainless components
- Fits fence posts 1½" 6" (38–150mm) deep





CODE	COLOR	KEYED	GATE MATERIAL	IDEAL GAP	GAP VARIANCE
LLDAB	Black	Different	Metal, Wood, Vinyl	1" (25mm)	%" - 1½" (16-38mm)
LLDAB-A	Black	Alike	Metal, Wood, Vinyl	1" (25mm)	%" - 1½" (16-38mm)
LLDABW	White	Different	Metal, Wood, Vinyl	1" (25mm)	%" - 1½" (16-38mm)
LLDABW-A	White	Alike	Metal, Wood, Vinyl	1" (25mm)	%" - 1½" (16-38mm)









## **General-Purpose, Lockable Latch**

- Key lockable no need for padlock
- Optional External Access (Push-Button) Kit allows operation from both sides of gate
- Quick and easy to install and adjust
- · Won't rust or corrode
- Round-post model fits most chainlink gates
- Industrial-strength polymer construction

#### External Access (Push-Button) Kit

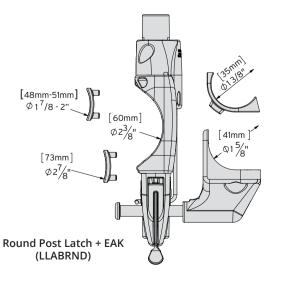


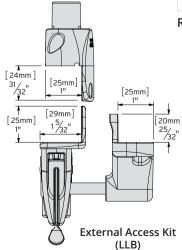
CODE	FEATURE	COLOR	GATE MATERIAL	IDEAL GAP	GAP VARIANCE
LLAA	Latch only	Black, White	Metal, Wood, Vinyl	³¼" (19mm)	%" - 1¼" (10-32mm)
LLB	EAK only	Black, White	Metal, Wood, Vinyl	-	-
LLAAB	Latch + EAK	Black, White	Metal, Wood, Vinyl	³¼" (19mm)	%" - 1¼" (10-32mm)
LLABRND	Round Post Latch + EAK	Black	Chainlink	1½ (38mm)	1¼" - 2¼" (32-57mm)





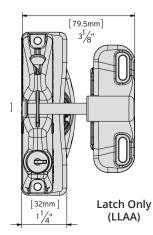








Round Post Model + EAK



# D° LOKK**Latch**° PRO.SL

# **Self-Locking Security Latch**

- Automatically locks when gate closes
- Requires key to enter and exit
- · Operates from both sides of gate
- Dual 6-pin rekeyable locks
- Fits fence posts up to 6" (150mm) deep
- Vertically & horizontally adjustable
- Industrial-strength polymer construction
- 316 marine grade stainless components



All models have side-fixing legs, with vinyl models having extended side-fixing legs

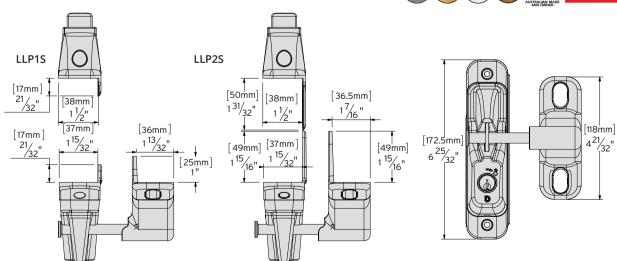


CODE	COLOR	KEYED	GATE MATERIAL	IDEAL GATE GAP	GAP VARIANCE
LLP1S	Black, White	Different	Metal, Wood	³¼" (19mm)	½" - 1½" (13-38mm)
LLP1S-SA	Black	Alike	Metal, Wood	³¼" (19mm)	½" - 1½" (13-38mm)
LLP2S	Black	Different	Vinyl	³¼" (19mm)	½" - 1½" (13-38mm)
LLP2S-SA	Black	Alike	Vinyl	³¼" (19mm)	½" - 1½" (13-38mm)













## **Padlockable Gravity Gate Latch**

- Toggle-action design compensates for gate sag
- · Fits to all square posts & gate frames
- Adjusts vertically and horizontally
- Padlockable, with padlock storage feature
- Industrial-strength polymer construction
- Stainless steel toggle/latch bolt
- · Ideal for gates with ground movement



CODE	COLOR	FEATURE	GATE MATERIAL	IDEAL GAP	GAP VARIANCE
TL01	Black	Padlockable latch	Metal/wood	1" (25mm)	%" - 1¾" (10-44mm)



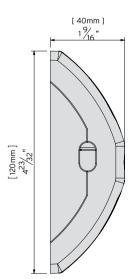


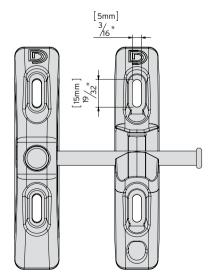


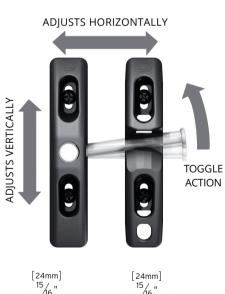
## PADLOCK NOT INCLUDED

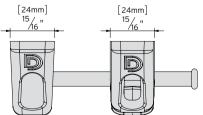
Recommended padlock: Fits most standard shackle 1%6" (40mm) padlocks











D° LOKKLatch MAGNETIC

Lockable, dual-sided Push/Pull Handle



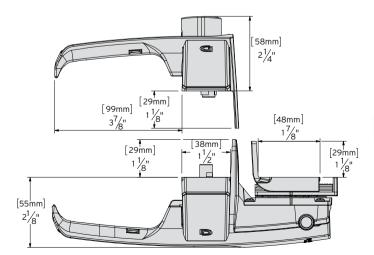


CODE	COLOR	TRIM FINISH	IDEAL GAP	GAP VARIANCE
LLM*BT	Black	Black	¾" (19mm)	¾" - 1¼" (10-32mm)
LLM*CT	Black	Chrome	¾" (19mm)	¾" - 1¼" (10-32mm)
LLM*ST	Black	Brushed	¾" (19mm)	¾" - 1¼" (10-32mm)

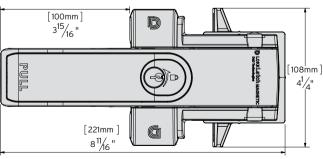






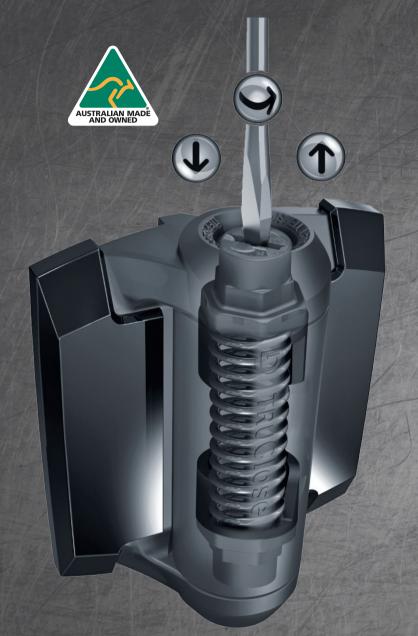


- Operates and locks from both sides of gate
- Ergonomic Push/Pull handled design
- Requires only one drilled hole through post
- Proven magnetic latching technology
- Black trim covers included (metallic options)
- No visible fasteners
- · Keyed-alike or keyed different options
- Dual 6-pin rekeyable locks
- Vertical & horizontal adjustment
- Fits fence posts 1½"-6" (38-150mm) deep





# The world's most trusted safety gate hinges



#### **Patented Tension Adjustment**

Quick and easy tension adjustment (closing force) using a large screwdriver at either end of hinge barrel.

#### **Molded Hinge Body**

No rust, binding, sagging or staining! Constructed from UV-stabilized, industrial-strength polymer.

#### Internal Stainless Steel Spring

High-quality, stainless steel spring provides reliable closure and lasting performance.

#### Reinforcing Ribs

Molded ribs provide superior torsional and lateral leaf strength.

## Optional Alignment Legs

Models with and without quick-fit alignment legs for fast, convenient installation and added fixing strength.

## **Concealed Fasteners**

Clip-on leaf trim covers hide the fasteners to provide a clean, contemporary finish and enhance gate style.





# **Trim Cover Options**

Leaf trim cover options include standard Gloss Black or Metallic Chrome or Brushed look



	PRODUCT CODE	TRIM COVER OPTIONS	GATE MATERIAL	IDEAL GATE GAP	GAP VARIANCE	MAXIMUM SELF-CLOSING WEIGHT*	ALIGNMENT LEGS
	TCA1S3	Gloss Black, Brushed, Chrome, White	Metal	³¼" 19mm	<sup>11</sup> / <sub>32</sub> " - ¾" 9-22mm	66 lb 30kg	Optional
IGE	TCA2S3	Gloss Black, Chrome, Brushed,	Metal to Wood	³¼" 19mm	<sup>11</sup> / <sub>32</sub> " - ¾" 9-22mm	66 lb 30kg	Optional
TRUCLOSE REGULAR RANGE	TCA3S3	Gloss Black, Chrome, Brushed, White	Wood, Vinyl	³¼" 19mm	<sup>11</sup> / <sub>32</sub> " - 7⁄8" 9-22mm	66 lb 30kg	Optional
REGUL	TCA4	NA	Wood	³¼" 19mm	⅓ <sub>6</sub> " - %" 8-22mm	55 lb 25kg	No
ICLOSE	TCAV1	Polished, Brushed	Round post to Glass	³¼" 19mm	⅓" - 1½" 22-38mm	55 lb 25kg	Yes
TRU	TCAMA1/2 NA		Metal, Wood, Vinyl	1¾" 35mm	⅓" - 2" 22-50mm	55 lb 25kg	Yes
	TCAMA2RND NA		Chainlink	1%" 35mm	⅓" - 2" 22-50mm	55 lb 25kg	Yes
ш	TCHD1AS3  Gloss Black, Chrome, Brushed, White		Metal	³¼" 19mm	<sup>11</sup> / <sub>32</sub> " - 1" 9-25mm	154 lb 70kg	Optional
' RANG	TCHD1S3  Gloss Black, Chrome, Brushed		Metal, Wood, Vinyl	³¼" 19mm	<sup>11</sup> / <sub>32</sub> " - 1" 9-25mm	154 lb 70kg	Optional
Y DUTY	TCHD2L1SS3  Gloss Black, Chrome, Brushed, White		Wood, Vinyl	³¼" 19mm	<sup>11</sup> / <sub>32</sub> " - 1" 9-25mm	154 lb 70kg	Yes
TRUCLOSE HEAVY DUTY RANGE	TCHD2L2S3	Gloss Black, Chrome, Brushed, White	Wood, Vinyl	³⁄₄" 19mm	Fixed at  13/16" 21mm	154 lb 70kg	Yes
RUCLO	TCHDMA1	NA	Metal, Wood, Vinyl	1" 25mm	%" - 1%" 16-35mm	132 lb 60kg	Yes
F	TCHDRND1&2	NA	Chainlink	1" 25mm	¾" - 1¾" 19-35mm	132 lb 60kg	Yes

\*Ratings are based upon two hinges on a maximum gate size of: Regular hinges: 5'H x 3'W (1500mmH x 900mmW) Heavy Duty hinges: 6'H x 4'W (1800mmH x 1200mmW)

# D° TRU**Close** REGULAR

# Adjustable, Self-Closing Hinges for gates up to 66 lb (30kg)



TCA1S3 - METAL



TCA2S3 - METAL/WOOD/VINYL

TCA2S3

[ 21mm ]

[25mm]



TCA3S3 - WOOD/VINYL

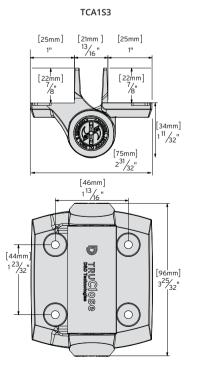


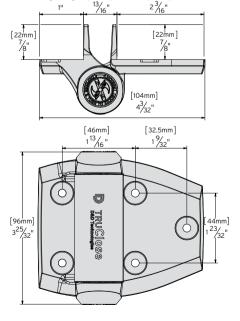
TruClose®
Hinge Safety Cap
Optional. Helps prevent toddlers
from using bottom hinge as a
climbing foothold.
CODE: TCACAPS3

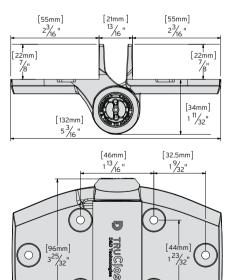
- Ideal for pool and child safety gate applications
- D&D-patented tension adjustment
- · Won't rust, bind, sag or stain
- Adjust tension from either end (adjustment always facing up)
- UV-stabilized, industrial-strength polymer construction
- Self-lubricating durability; requires no maintenance
- · Internal stainless steel closing spring

[55mm]

- Trim cover options Gloss Black, White, Brushed or Chrome
- Hinges sold as pairs; hinge caps as single units







TCA3S3



CODE	TRIM FINISH	GATE MATERIAL	SI <b>DE LEGS</b>	IDEAL GATE GAP	GAP VARIANCE
TCA1S3BT	Gloss Black	Metal	-	³¼" (19mm)	<sup>11</sup> / <sub>32</sub> " - ½" (9-22mm)
TCA1S3CT	Chrome	Metal	-	³¼" (19mm)	<sup>11</sup> / <sub>32</sub> " - ½" (9-22mm)
TCA1S3ST	Brushed	Metal	-	³¼" (19mm)	<sup>11</sup> / <sub>32</sub> " - ½" (9-22mm)
TCA1S3WT	White	Metal	-	³¼" (19mm)	<sup>11</sup> / <sub>32</sub> " - ½" (9-22mm)
TCA1L2S3BT	Gloss Black	Metal	2 Legs	-	Fixed at 13/16" (21mm)
TCA1L2S3CT	Chrome	Metal	2 Legs	-	Fixed at 13/16" (21mm)
TCA1L2S3ST	Brushed	Metal	2 Legs	-	Fixed at 13/16" (21mm)
TCA1L2S3WT	White	Metal	2 Legs	-	Fixed at 13/16" (21mm)
TCA2S3BT	Gloss Black	Metal/Wood	-	³¼" (19mm)	<sup>11</sup> / <sub>32</sub> " - ½" (9-22mm)
TCA2L2S3BT	Gloss Black	Metal/Wood	2 Legs	-	Fixed at 13/16" (21mm)
TCA3S3BT	Gloss Black	Vinyl/Wood	-	³¼" (19mm)	<sup>11</sup> / <sub>32</sub> " - ½" (9-22mm)
TCA3L2S3BT	Gloss Black	Vinyl/Wood	2 Legs	-	Fixed at 13/16" (21mm)
TCA3L2S3WT	White	Vinyl/Wood	2 Legs	-	Fixed at <sup>13</sup> %" (21mm)
TCACAPS3	Gloss Black	Safety Cap	-	-	-



# **ALIGNMENT LEGS**

("L2" models): Quick-fit alignment legs for fast-align installation and added fixing strength. Two legs provide secure, double-face fixing.









# D° TRU**Close** HEAVY DUTY

### Adjustable, Self-Closing Hinges for heavy/high-traffic gates up to 154 lb (70kg)



TCHD1AS3 - METAL



TCHD1S3 - METAL/VINYL/WOOD



TCHD2L2S3 - VINYL/WOOD



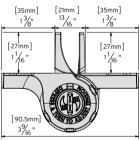
TruClose® Hinge Safety Cap

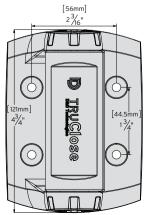
Optional use. Helps prevent toddlers from using bottom hinge as a climbing foothold.

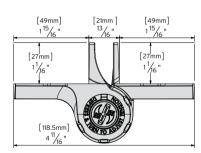
CODE: TCHDCAPS3

- Suitable for use on pool and child safety gate applications
- D&D-patented tension adjustment
- · Won't rust, bind, sag or stain
- Adjust tension from either end (adjustment always facing up)
- · UV-stabilized, industrial-strength polymer construction
- · Self-lubricating durability; requires no maintenance
- Internal stainless steel closing spring
- Trim cover options Gloss Black, White, Brushed or Chrome
- Hinges sold as pairs, hinge caps as single units

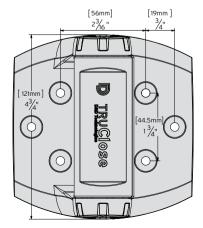
TCHD1AS3



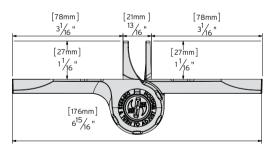


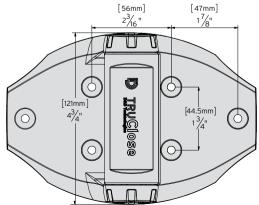


TCHD1S3







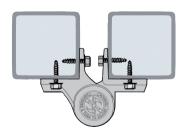




CODE	TRIM FINISH	GATE MATERIAL	SIDE LEGS	IDEAL GATE GAP	GAP VARIANCE
TCHD1AS3BT	Black	Metal	-	¾" (19mm)	<sup>11</sup> / <sub>32</sub> " - 1" (9-25mm)
TCHD1AS3CT	Chrome	Metal	-	¾" (19mm)	<sup>11</sup> / <sub>32</sub> " - 1" (9-25mm)
TCHD1AS3ST	Brushed	Metal	-	¾" (19mm)	<sup>11</sup> / <sub>32</sub> " - 1" (9-25mm)
TCHD1AS3WT	White	Metal	-	¾" (19mm)	<sup>11</sup> / <sub>32</sub> " - 1" (9-25mm)
TCHD1AL1S3BT	Black	Metal	1 Leg	¾" (19mm)	<sup>11</sup> / <sub>32</sub> " - 1" (9-25mm)
TCHD1AL2S3CT	Chrome	Metal	2 Legs	Fixed at 13/4" (21mm)	-
TCHD1AL2S3ST	Brushed	Metal	2 Legs	Fixed at 13/4" (21mm)	-
TCHD1AL2S3WT	White	Metal	2 Legs	Fixed at 13/6" (21mm)	-
TCHD1AL2S3BT	Black	Metal	2 Legs	Fixed at 13/6" (21mm)	-
TCHD1S3BT	Black	Metal/Wood/Vinyl	-	¾" (19mm)	<sup>11</sup> / <sub>32</sub> " - 1" (9-25mm)
TCHD1L2S3BT	Black	Metal/Wood/Vinyl	2 Legs	Fixed at 13%" (21mm)	-
TCHD2L1SS3BT	Black	Vinyl/Wood	1 Leg	³¼" (19mm)	<sup>11</sup> / <sub>32</sub> " - 1" (9-25mm)
TCHD2L2S3BT	Black	Vinyl/Wood	2 Legs	Fixed at 13/4" (21mm)	-
TCHDCAPS3	Black	Safety Cap	-	-	-

# **ALIGNMENT LEGS**

("L2 & L1" models): Quick-fit alignment legs for fast-align installation and added fixing strength. Two legs provide secure, double-face fixing.

















## **Gate Hinge for round post to glass gates**

- Suitable for pool and child safety gate applications
- Self-closes glass gates up to 55 lb (25kg)

Stainless steel closing spring

- Fits 2" (50mm) round post to 16" or 16" (8 or 10mm) glass thickness
- No visible fasteners decorative trim covers in Polished or Brushed Stainless
- Industrial-strength polymer construction, won't rust, bind, sag or stain

60° safety ramp on be	oth ends (no toddler f	oothold)
[35mm] 1 <sup>3</sup> / <sub>8</sub> " [50] Ø 1 <sup>15</sup> / <sub>16</sub> "		[5mm]

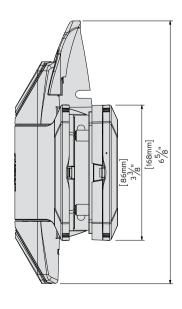
 $^{3}$   $^{11}\!\!/_{16}$  Fits 2" (50mm) round posts to frameless glass gates.











2<sup>9</sup>/<sub>16</sub>"[65mm]

# D° DECOMOLD







## **Decorative, Self-Closing T-Hinge for Wood Gates**

CODE GATE MATERIAL IDEAL GATE GAP GAP VARIANCE COLOR

- Self-close gates up to 55 lb (25kg)
- Won't rust, bind, sag or stain
- UV stabilized, industrial-strength polymer construction
- · Stainless steel internal spring
- Molded rib through the center for added strength
- Fasteners included

	002	0.11.2 1 1 1	12 27 12 67 11 2 67 11		
	TCA4	Wood	¾ (19mm)	14" - 1/8" (6-22mm)	Black
[6.5mm]  [6.5mm]  [6.5mm]  [6.5mm]	m]	)  -	[40mm]	[187mm]	ETIME





# D TRUCIOSE ROUND

#### **Self-Closing Hinges for round-post applications**

- D&D-patented tension adjustment
- Self-closes gates up to 132 lb (60kg)
- UV stabilized, industrial-strength polymer construction
- Fits to many common post diameters
- Internal stainless steel spring and components
- Fasteners included

\* Gap variance is dependent on diameters of fence post and gate frame.

CODE	COLOR	GATE MATERIAL	IDEAL GAP	GAP VARIANCE			
TCHDRND1-MK2	Black	Chainlink	1" (25mm)	%" - 1%" (19-35mm)*			
Gate diameters: 1%" & 1%" (35 & 41mm) Post diameters: 1%", 2%" & 2%" (48, 60 & 73mm)							
TCHDRND2-MK2	Black	Chainlink	1" (25mm)	¾" - 1¾" (19-35mm)			
Gate diameters: 1% (48mm) Post diameters: 1% & 2%" (48 & 73mm)							

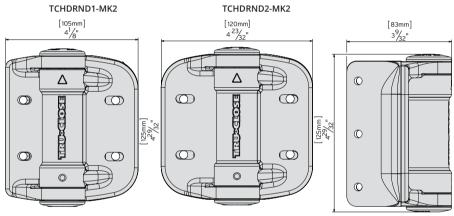








TCHDRND2-MK2



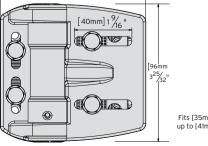


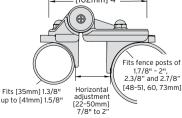
For round gates TCAMA2RND

# MULTIADJUST ROUND

#### Wide-Adjustment Gate Hinges for round-posts

CODE	GATE MATERIAL	IDEAL GATE GAP	GAP VARIANCE	COLOR
TCAMA2RND	Chainlink	1 ¾" (35mm)	%" - 2" (22-50mm)	Black
	2mm ]	ROUN	AUSTRALIA MADE	ETIME
2	[40mm]1% 6"	-	[102mm] 4"	





# MULTI**ADJUST**

#### Adjustable, Self-Closing Hinges for large gate gaps

- 3-way adjustment: vertical, horizontal & tension
- Up to ¾" (19mm) horizontal adjustment
- Fits gate gaps up to 2" (50mm)
- UV stabilized, industrial-strength polymer construction
- Internal stainless steel spring and components
- Regular models self-close gates up to 55lb (25kg)
- Heavy Duty model self-close gates up to 132lb (60kg)

CODE	GATE MATERIAL	IDEAL GATE GAP	GAP VARIANCE	COLOR
TCAMA1	Metal, Wood, Vinyl	1%" (29mm)	%" - 1 ½" (22-38mm)	Black
TCAMA2	Metal, Wood, Vinyl	1¾" (35mm)	%" - 2" (22-50mm)	Black
TCAMA2WT	Metal, Wood, Vinyl	1¾" (35mm)	%" - 2" (22-50mm)	White
TCHDMA1	Wood, Vinyl	1" (25mm)	%" - 1%" (16-35mm)	Black
TCHDMA1WT	Wood, Vinyl	1" (25mm)	%" - 1%" (16-35mm)	White









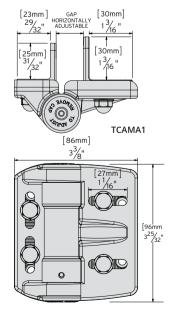


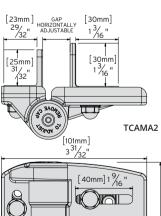


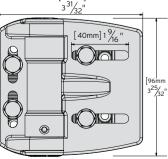




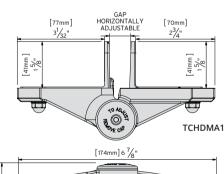
Regular TCAMA1

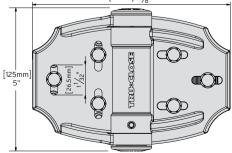






**Heavy Duty TCHDMA1** 







# Traditionally styled, self-closing, aluminum gate hinges



# **Patented Tension Adjustment**

- Adjust tension from both ends (tension adjustment always facing up)
- 6 tension settings for finer adjustment (suit a range of metal gates)
- Single-handed tension adjustment (slot-head screwdriver)

## **Polymer Pivot Design**

Low-friction polymer pivot washers give long life & low maintenance

## Side Fixing Legs

For quick alignment during installation and added fixing strength

## Stainless Steel Spring

Internal torsion spring constructed of stainless steel to prevent binding and staining

#### Versatile installation

Suits left- or right-swinging gates

# **Gate Weight**

Self-closes gates up to 44lbs (20kg)

## 3 Finishes Available

Aluminum with powder-coat finish in Black, Bronze or white (KF3A1BL model only available in black)

1" (25mm) Smaller Leaf Model

Now 10% smaller in size, designed to suit smaller post sizes, with a smaller leaf

















(only available in black)



**KWIKFIT® HINGES** 



# Aluminum & Polymer General-Purpose Hinges



KF3A1BL Black (Gloss) Mounts to post, or wall if no post available



KF3ABL Black, White\* or Bronze\* if no post available



KF3 Black, White\* or Bronze\* 1" (25mm) leaf width Mounts to post, or wall Alignment ridges for fast and easy installation



KF3L2 Black, White\* or Bronze\* Two side-fixing legs for added strength



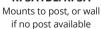
KF3P Black Plain Pivot Hinge

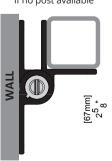


KF3S Black Self-closing Hinge

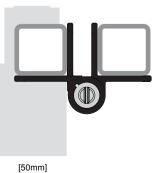
	PRODUCT CODE	GATE MATERIAL	IDEAL GATE GAP	MAXIMUM SELF-CLOSING WEIGHT*	HINGE MATERIAL	COLOR OPTIONS
	<b>KF3</b> Alignment ridges, self-closing	Metal	Fixed at ½" 13mm	44 lb/20kg	Aluminum	Black, Bronze, White
KWIKFIT	KF3L2 2 side fixing legs, self-closing	Metal	Fixed at ½" 13mm	44 lb/20kg	Aluminum	Black, Bronze, White
KW	<b>KF3A</b> Wall or post mount, self-closing	Metal, Wood, Brick	Fixed at ¾" 19mm	44 lb/20kg	Aluminum	Black, Bronze, White
	<b>KF3A1BL</b> Wall or post mount, self-closing	Metal, Wood, Brick	Fixed at <sup>2</sup> / <sub>32</sub> " 21.5mm	44 lb/20kg	Aluminum	Black
KWIKFIT POLYMER	<b>KF3P</b> No spring, non-self-closing	Metal, Wood	Fixed at ¾" 19mm	Plain Pivot No spring	Polymer	Black
KWI	<b>KF3S</b> Fixed tension, self-closing	Metal, Wood	Fixed at ¾" 19mm	44 lb/20kg	Polymer	Black
	self-closing		1311111			







[83mm] 3<sup>1</sup><sub>4</sub>" KF3A1/KF3A Post-to-Gate





KF3L2 Post-to-Gate mount with two side-fixing legs







### Self-Closing, Adjustable Aluminum Hinges

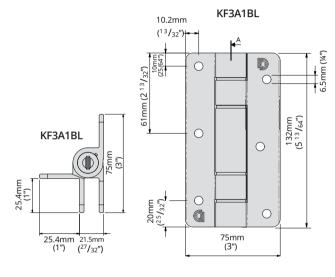
- Traditionally styled, self-closing hinges
- Aluminum construction with powder-coated finish
- · Wall- and post-mount models available
- · Internal stainless steel closing spring
- · Tension adjustment from either end
- · Low-friction polymer bushes for smooth closure
- Self-closes gates up to 44 lb (20kg)
- New 1" (25mm) leaf model for narrow frames

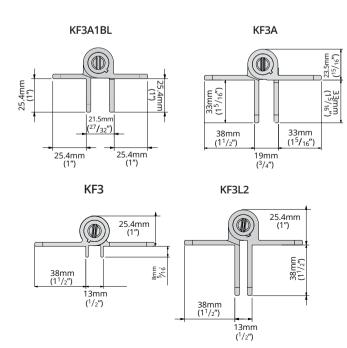


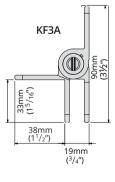


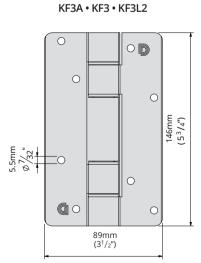
CODE	COLOR	MODEL/FEATURE	GAP VARIANCE
KF3A1BL	Black Gloss	Wall or post mounted	Fixed at <sup>2</sup> / <sub>32</sub> " (21.5mm)
KF3ABL	Black Gloss	Wall or post mounted	Fixed at ¾" (19mm)
KF3ABR	Bronze Satin	Wall or post mounted	Fixed at ¾" (19mm)
KF3AWT	White Gloss	Wall or post mounted	Fixed at ¾" (19mm)
KF3BL	Black Gloss	Alignment ridges	Fixed at ½" (13mm)
KF3BR	Bronze satin	Alignment ridges	Fixed at ½" (13mm)
KF3WT	White Gloss	Alignment ridges	Fixed at ½" (13mm)
KF3L2BL	Black Gloss	2 Side fixing legs	Fixed at ½" (13mm)
KF3L2BR	Bronze Satin	2 Side fixing legs	Fixed at ½" (13mm)
KF3L2WT	White Gloss	2 Side fixing legs	Fixed at ½" (13mm)

**NOTE:** New KF3A1BL (25mm wide leaf) model sold in pairs. All other KwitFit® Aluminum models sold as single hinges. For pairing or kit options, please contact your D&D sales representative.











### **General-Purpose Gate Hinges for light- to mid-weight gates**



KF3P No spring, plain pivoting



Self-closing, fixed tension

- New, economical gate hinges
- KF3P model for gates up to 55 lb (25kg)
- KF3S self-closes gates up to 44 lb (20kg)
- Industrial-strength polymer construction
- Integrated safety cap prevents foothold
- Stainless steel components
- · Won't rust, bind, sag or stain



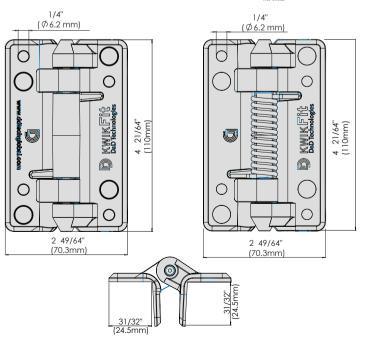
KwikFit ™ side-fixing legs offer quick and easy alignment of the hinges on gate and fence post. Double face-fixing (i.e. fixes to both face and side of post and gate) also adds strength.













CODE	COLOR	GATE MATERIAL	BOLT LENGTH
LB118BX	Black	Metal	18" (450mm)
LB124BX	Black	Metal	24" (610mm)
LB218BX	Black	Wood, Vinyl	18" (450mm)
LB224BX	Black	Wood, Vinyl	24" (610mm)
LBBPGB	Black	Optional Base Plate	-



### **Premium, Lockable Security Drop-Bolt**

- 316 marine-grade stainless steel drop-rod
- Tough polymer-housing mounting system
- 6-pin lock (rekeyable to match doors & gate locks)
- Retention grooves prevent dropping and dragging
- Bolt lengths: 18" & 24" (450 & 610mm)
- Models for wood & vinyl have added fixing points
- Optional Base Plate retains bolt into ground

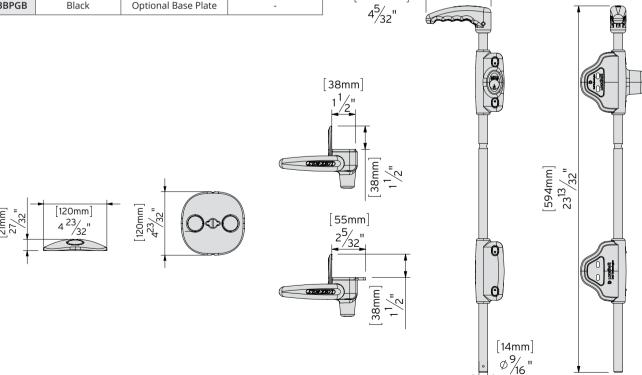


[105.5mm]











### **Economical, Padlockable Drop-Bolt**

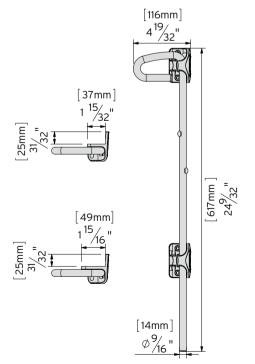
- Electro-polished stainless steel, powder-coated
- Tough polymer-housing mounting system
- High wear and corrosion resistant drop-rod
- · Padlockable; with padlock storage feature
- · Retention tabs prevent bolt dropping & dragging
- Mounting systems for metal, wood & vinyl
- Bolt lengths: 24" & 40" (610 & 1020mm)













CODE	COLOR	GATE MATERIAL	BOLT LENGTH
QB124	Black	Metal	24" (610mm)
QB140	Black	Metal	40" (1020mm)
QB224	Black	Wood, Vinyl	24" (610mm)
QB224WT	White	Wood, Vinyl	24" (610mm)
QB240	Black	Wood, Vinyl	40" (1020mm)
QB240WT	White	Wood, Vinyl	40" (1020mm)
LBBPGB	Black	Optional Base Plate	-

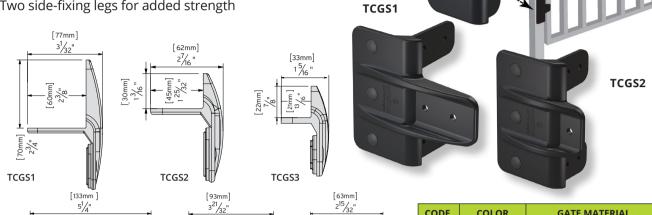


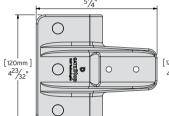


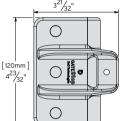
# GATE**Stop**

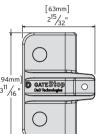
### **Gate Protection Device in 3 sizes & styles**

- Ideal gate-alignment device
- Industrial-strength polymer construction + rubber bumper
- Prevents damage to latches & hinges
- · Greatly reduces gate-slam noise
- Two side-fixing legs for added strength









CODE	COLOR	GATE MATERIAL
TCGS1	Black, White	Wood, Vinyl
TCGS2	Black	Metal, Wood, Vinyl
TCGS3	Black	Metal



TCGS3









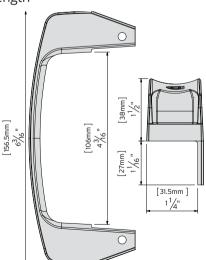
### **General-Purpose, Ergonomic Gate Handle**

- · Series 3: Improved ergonomics & styling
- · Side-fixing legs for quick alignment & added strength
- · Fits left-handed or right-handed opening gates
- · Won't rust, stain or chip
- Industrial-strength polymer construction
- Available in black or white finish
- · Stainless steel fasteners included

(	ODE	COLOR	GATE MATERIAL
L	L3GH	Black	Metal, Wood, Vinyl
LLS	BGHWT	White	Metal, Wood, Vinyl









# Powerful, hydraulic hinge-closers. Heavy duty and corrosion resistant.



**CENTER MOUNT model** 

### Ouick-fit alignment legs

For ease of installation, alignment and double face-fixing strength.

### Vertical alignment slots

Re-align hinge (gate) at any time

### Added security

Torx screws that prevent tampering

### Multiple adjustment options

- · Adjustable self-closing and closing speed
- Adjustable final snap-close action
- Gate gap horizontal adjustability ½"-1¾" (12-35mm)

### Superior corrosion resistance

- Steel weld-on models feature high-performance proprietary, non-electrolytic zinc flake coating (no need to grind off before welding)
- Aluminum screw-on models feature
   50-micron thick anodized coating

### **Mounting Brackets:**

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

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

### Powerful, hidden hydraulics

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

No need to ever add fluid.

### **Dual Bearing Glide System**

Two rows of bearings for consistently superior performance





# Hydraulic Hinge-Closer Selection Guide



MODEL	CODE	MODEL	PRODUCT DESCRIPTION	MOUNTING TYPE	FIXING METHOD	MAX OPENING ANGLE	SELF- CLOSING FROM
	74108333T	RF108S S 180	Safety Hinge/Closer	External	Alum Screw-on	180°	180°
	74108323T	RF108SF S	Safety Hinge/Closer	External	Alum Screw-on	88°	88°
	74108313T	RF108 S	Hinge/Closer	External	Alum Screw-on	178°	83°
READYFIT™	74001313T	RFSM S	Hinge Only	External	Alum Screw-on	178°	N/A
KEADTFII	74108335T	RF108S W 180	Safety Hinge/Closer	External	Steel Weld-on	180°	180°
	74108325T	RF108SF W	Safety Hinge/Closer	External	Steel Weld-on	88°	88°
	74108315T	RF108 W	Hinge/Closer	External	Steel Weld-on	178°	83°
	74001315T	RFSM W	Hinge Only	External	Steel Weld-on	178°	N/A
	75001213	SMAT90 S	Hinge Only	Flush	Alum Screw-on	180°	N/A
	75057213M	57AT90 S	Hinge/Closer	Flush	Alum Screw-on	180°	85°
	75057223M	57SFAT980 S	Hinge/Closer	Flush	Alum Screw-on	90°	90°
	75108213M	108AT90 S	Safety Hinge/Closer	Flush	Alum Screw-on	180°	85°
FLUSH	75108223M	108SF AT90 S	Safety Hinge/Closer	Flush	Alum Screw-on	90°	90°
MOUNT	75001214	SMAT90 W	Hinge Only	Flush	Steel Weld-on	180°	N/A
	75057214M	57AT90 W	Hinge/Closer	Flush	Steel Weld-on	180°	85°
	75057224M	57SF AT90 W	Hinge/Closer	Flush	Steel Weld-on	90°	90°
	75108214M	108 AT90 W	Hinge/Closer	Flush	Steel Weld-on	180°	85°
	75108224M	108SFAT90 W	Safety Hinge/Closer	Flush	Steel Weld-on	90°	90°
	75001113	SM S	Heavy-Duty Hinge	Center	Alum Screw-on	90°	N/A
	75057113M	57 S	Hinge/Closer	Center	Alum Screw-on	90°	85°
	75057123M	57SF S	Hinge/Closer	Center	Alum Screw-on	90°	90°
	75108113M	108 S	Safety Hinge/Closer	Center	Alum Screw-on	90°	85°
CENTER	75108123M	108SF S	Safety Hinge/Closer	Center	Alum Screw-on	90°	90°
MOUNT	75001114	SM W	Heavy-Duty Hinge	Center	Steel Weld-on	90°	N/A
	75057114M	57 W	Hinge/Closer	Center	Steel Weld-on	90°	85°
	75057124M	57SF W	Hinge/Closer	Center	Steel Weld-on	90°	90°
	75108114M	108 W	Safety Hinge/Close	Center	Steel Weld-on	90°	85°
	75108124	108SF W	Safety Hinge/Close	Center	Steel Weld-on	90°	90°
EASY™	72108423	SC108SF S	Hydraulic Closer	External	Alum Screw-on	90°	90°
CONCEALFIT™	77108523	SC CF KIT	Door Closer/Hinge Kit	Center	Alum Screw-on	125°	125°
CONCEALFIT	78108513	SC CF HINGE	Plain Pivot Door Hinge	Center	Alum Screw-on	125°	N/A

# Post Mounting Brackets (sold separately)







7512 CENTER MOUNT



7513 CENTER MOUNT



7526 CENTER MOUNT



7515 FLUSH MOUNT



7525 FLUSH MOUNT

HORIZONTAL GAP VARIANCE	MINIMUM POST/DOOR SIZE	FIXING BRACKET CODE	SELF- CLOSING SAFETY/ POOL	ADA COMPLIANT	SELF- CLOSING WITH HOLD OPEN	NON SELF- CLOSING	ADJUSTABLE CLOSING SPEED	FINAL SNAP ACTION
½"-1¾" (12-35mm)	2" (50mm)	Included	*•	•			•	•
½"-1¾" (12-35mm)	2" (50mm)	Included	*•				•	•
½"-1¾" (12-35mm)	2" (50mm)	Included		•	•		•	•
½"-1¾" (12-35mm)	2" (50mm)	Included				•		
½"-1¾" (12-35mm)	2" (50mm)	Included	*•	•			•	•
½"-1¾" (12-35mm)	2" (50mm)	Included	*	•			•	•
½"-1¾" (12-35mm)	2" (50mm)	Included						
½"-1¾" (12-35mm)	2" (50mm)	Included						
½" (13mm)	2" (50mm)	7515				•		
½" (13mm)	2" (50mm)	7515		•	•		•	
½" (13mm)	2" (50mm)	7515	*•				•	
½" (13mm)	3" (76mm)	7515		•	•		•	•
½" (13mm)	3" (76mm)	7515	*•				•	•
½" (13mm)	2" (50mm	7525				•		
½" (13mm)	2" (50mm)	7525		•	•		•	
½" (13mm)	2" (50mm)	7525	*•				•	
½" (13mm)	3" (76mm)	7525		•	•		•	•
½" (13mm)	3" (76mm)	7525	*•				•	•
2½-3" (63-76mm)	2½" (64mm)	7511, 7512, 7513				•		
2½-3" (63-76mm)	2½" (64mm)	7511, 7512, 7513		•	•		•	
2½-3" (63-76mm)	2½" (64mm)	7511, 7512, 7513	*•				•	
2½-3" (63-76mm)	3" (76mm)	7511,7 512, 7513		•	•		•	•
2½-3" (63-76mm)	3" (76mm)	7511, 7512, 7513	*•				•	•
2½-3" (63-76mm)	2½" (64mm)	7526				•		
2½-3" (63-76mm)	2½" (64mm)	7526		•	•		•	
2½-3" (63-76mm)	2½" (64mm)	7526	*•				•	
2½-3" (63-76mm)	3" (76mm)	7526		•	•		•	•
2½-3" (63-76mm)	3" (76mm)	7526	*•				•	•
2-4" (51-102mm)	2" (50mm)	Included	*•				•	•
N/A	1.6" (40mm)	N/A		•			•	•
N/A *Check lo	1.6" (40mm)	N/A guidelines for proper	installation me	ethods (SE) = Ga	ate will not hold	open at 90° (C	)K for safety gate	(5)

Do NOT use a hinge with a 90° hold-open feature for pool/child safety gates.

Hinges must be at least 36" (900mm) apart so that they cannot be used as footholds by toddlers.

CAUTION: A gate-stop must be installed when using SF models. Gate must not be allowed to open past 90°. Doing so voids warranty.





### **Externally Mounted, Heavy Duty Hydraulic Gate Hinge-Closers**

- Hidden hydraulics for quiet, controlled closing
- Screw-on or weld-on, screws and brackets included
- Weld-on models feature proprietary finish
  - no need to grind off before welding!
- For gate gaps of ½"-1¾" (12-35mm)
- Alignment legs give double face-fixing strength
- Final Snap-Close Action in all "108" models
- Emergency override feature for safety and longevity
- Minimum fence post size 2" (50mm)







RF 108S 180 74001315T HINGE ONLY



74001313T HINGE ONLY

RF SM W 74001315T HINGE ONLY



RF 108 S / RF 108SF S 74108313T / 74108323T HINGE CLOSER



HINGE CLOSER

7403 RF GATE STOP

CODE	MODEL	DESCRIPTION	MOUNTING
74108333T**	RF 108S S 180	180° Hinge/Closer Kit	Aluminum Screw-on
74108323T**	RF 108SF S	Safety Hinge/Closer***	Aluminum Screw-on
74108313T**	RF 108 S	Hydraulic Hinge Closer	Aluminum Screw-on
74001313T	RF SM S	Hinge Only	Aluminum Screw-on
74108335T**	RF 108S W 180	180° Hinge/Closer Kit	Steel Weld or Screw
74108325T**	RF 108SF W	Safety Hinge/Closer***	Steel Weld or Screw
74108315T**	RF 108 W	Hydraulic Hinge Closer	Steel Weld or Screw
74001315T	RF SM W	Hinge Only	Steel Weld or Screw
7403	RF Gate Stop	ReadyFit GateStop for SF Models***	Weld or Screw-on

CAUTION: Based on max. gate size 72"H x 40"W 1800x1000mm. For gates with greater HxW, or if weather conditions such as wind play a significant role, use hinge combinations with higher self-closing weight ratings. CAUTION: A gate stop MUST **be installed when using SF models.** Gate MUST NOT be allowed to open past 90°. Doing so voids warranty.

HINGE COMBINATIONS	MAX SELF-CLOSING GATE WEIGHT
108 + 108	260 lb (120kg)
108 + SM	180 lb (80kg)
180° Hinge/Closer Kit	180 lb (80kg)
ACCESS CONTROL	WEIGHT CAPACITY
SM + SM	1,500 lb (680kg)

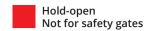
<sup>\*</sup> Warranty conditions vary according to gate or door application and usage. See full Warranty details and limitations on D&D Technologies' website.

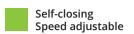
Note: Min. fence post size 2" (50mm). Gap variance for all models ½" to 1¾" (12-35mm). SureClose® range sold as single hinges. Self-Drilling Screws Included.

<sup>\*\*</sup> Meets ADA requirements (gate opening and closing angles and self-closing speed)

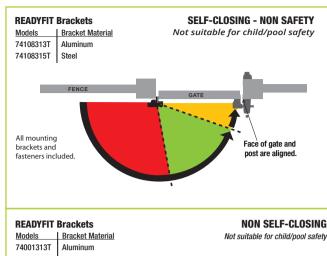
<sup>\*\*\* (</sup>SF) = Gate will not hold open at 85° (for safety gates). Do NOT use a hinge with a 90° hold-open feature for pool/child safety gates. Because SF hinges do not open more than 90°, **the gate must have a gate-stop that prevents the gate opening more than 90**°. Forcing a gate with SF hinges beyond a 90° opening will damage the hinges and void the Warranty. If using SF hinges on child safety or pool gates always consult the appropriate authorities in your area to meet local requirements or Code compliance.

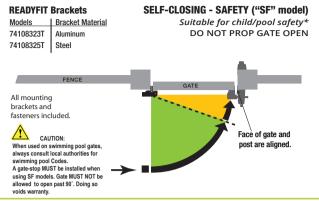


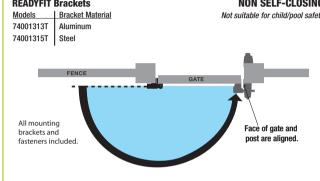


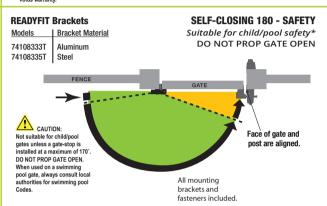


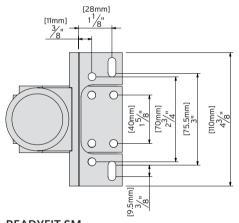


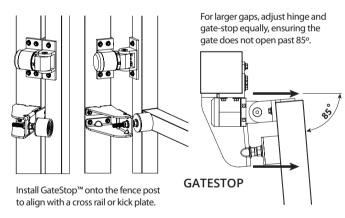


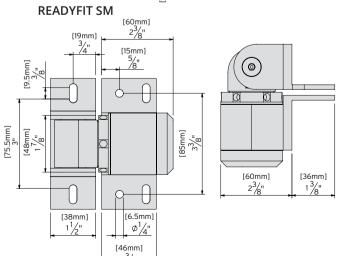


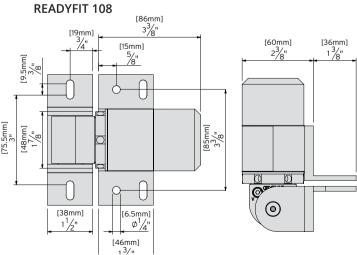
















# Internally Mounted, Heavy Duty Hydraulic, Gate Hinge-Closers

- · Powerful, hidden hydraulics
- Maintenance free, with high corrosion resistance
- Multiple adjustment options (force, speed)
- Prevents gate-slam noise and gate damage
- Self-closes gates up to 260 lb (120kg)
- · Non-self-closing models available
- 50-micron anodizing (aluminum components)
- · Weld-on models no need to grind before welding!
- Mounting brackets sold separately (see guide p.45)

### Flush Mount swings in or out





SM AT90 S / SM AT90 W 75001213 /75001214 NON-SELF-CLOSING

57 AT90 S / 57 AT90 W 75057213M / 75057214M SELF-CLOSING FROM 85° Holds gate open at 90°



57SF AT90 S / 57SF AT90 W 75057223M / 75057224M SELF-CLOSING FROM 90°



108 AT90 S / 108 AT90 W 75108213M / 75108214M SELF-CLOSING FROM 85° Holds gate open at 90° With Final Snap-Close Action

108SF AT90 / 108SF AT90 W 75108223M / 75108224M SELF-CLOSING FROM 90° With Final Snap-Close Action

CODE*	MODEL	DESCRIPTION	MOUNTING
75001213	SM AT90 S	Non Self-Closing Hinge	Aluminum Screw-on
75057213M	57 AT90 S	Hydraulic Hinge Closer	Aluminum Screw-on
75057223M	57SF AT90 S**	Safety Hydraulic Hinge Closer	Aluminum Screw-on
75108213M	108 AT90 S	Hinge Closer w/ Final Snap Action	Aluminum Screw-on
75108223M	108SF AT90 S**	Safety Hinge Closer w/ Final Snap Action	Aluminum Screw-on
75001214	SM AT90 W	Non Self-Closing Hinge	Steel Weld-on
75057214M	57 AT90 W	Hydraulic Hinge Closer	Steel Weld-on
75057224M	57SF AT90 W**	Safety Hydraulic Hinge Closer	Steel Weld-on
75108214M	108 AT90 W	Hinge Closer w/ Final Snap Action	Steel Weld-on
75108224M	108SF AT90 W**	Safety Hinge Closer w/ Final Snap Action	Steel Weld-on

caution: Based on max. gate size 72"H x 40"W 1800x1000mm. For gates with greater HxW, or if weather conditions such as wind play a significant role, use hinge combinations with higher self-closing weight ratings. CAUTION: A gate stop MUST be installed when using SF models. Gate MUST NOT be allowed to open past 90°. Doing so voids warranty.

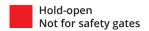
HINGE COMBINATIONS	MAX SELF-CLOSING GATE WEIGHT
57 + SM	90 lb (40kg)
57 + 57	180 lb (80kg)
108 + SM	180 lb (80kg)
108 + 108	260 lb (120kg)
ACCESS CONTROL	WEIGHT CAPACITY
SM + SM	1,500 lb (680kg)

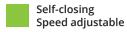
<sup>\*</sup> Warranty conditions vary according to gate or door application and usage. See full Warranty details and limitations on D&D Technologies' website.

Gate mounting brackets included with hinge. Post-mounting brackets sold separately. Fasteners not included.

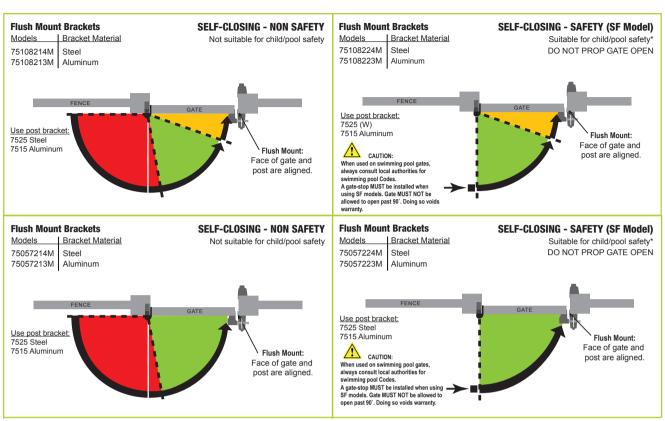
<sup>\*\*</sup>Use only "SF" model (safety) closers on pool/safety gates. Hinges must be at least 36" (900mm) apart so they cannot be used as footholds by toddlers.

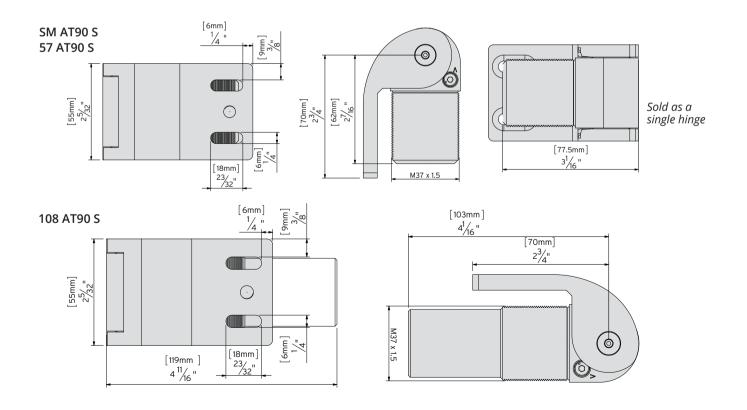
### **Gate Function**











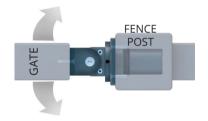




# Internally Mounted, Heavy Duty Hydraulic, Gate Hinge-Closers

- Maintenance free, with high corrosion resistance
- Screw-on or weld-on models available
- Multiple adjustment options
- Self-closes gates up to 260 lb (120kg)
- · Non-self-closing models available
- Prevents gate slam noise & gate damage
- 50-micron anodizing (aluminum components)
- Proprietary finish no need to grind before welding!
- Mounting brackets sold separately (see guide p.45)

### Center Mount swings in & out





SM S / SM W 75001113 / 75001114 NON-SELF-CLOSING

57 S / 57W 75057113M / 75057114M SELF-CLOSING FROM 85° Holds gate open at 90°



57SF S / 57SF W\*\* 75057123M / 75057124M SELF-CLOSING FROM 90°



108 S / 108 W 75108113M / 75108114M SELF-CLOSING FROM 85° Holds gate open at 90° With Final Snap-Close action

108 SF S / 108SF W 75108123M / 75108124M SELF-CLOSING FROM 90° With Final Snap-Close action

CODE* MODEL		DESCRIPTION	MOUNTING		
<b>75001113</b> SM S		Non Self-Closing Hinge	Aluminum Screw-on		
<b>75057113M</b> 57 S		Hinge Closer	Aluminum Screw-on		
<b>75057123M</b> 57SF S**		Safety Hinge Closer	Aluminum Screw-on		
<b>75108113M</b> 108 S		Hinge Closer w/ Final Snap Action	Aluminum Screw-on		
<b>75108123M</b> 108SF S**		Safety Hinge Closer w/ Final Snap Action	Aluminum Screw-on		
75001114	SM W	Non Self-Closing Hinge	Steel Weld-on		
75057114M	57 W	Hinge Closer	Steel Weld-on		
<b>75057124M</b> 57SF W**		Safety Hinge Closer	Steel Weld-on		
<b>75108114M</b> 108 W		Hinge Closer w/ Final Snap Action	Steel Weld-on		
75108124M	108SF W**	Safety Hinge Closer w/ Final Snap Action	Steel Weld-on		

	MAX SELF-CLOSING							
allowed to open past 90°. Doing so voids warranty.								
be installed when using SF								
self-closing weight ratings. C/								
significant role, use hinge combinations with higher								
or if weather conditions such as wind play a								
/ 1800x1000mm. For g	gates with greater HxW,							
CAUTION: Based on	max. gate size 72"H x 40"W							

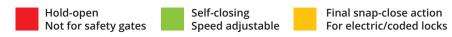
HINGE COMBINATIONS	GATE WEIGHT
57 + SM	90 lb (40kg)
57+57	180 lb (80kg)
108 + SM	180 lb (80kg)
108 + 108	260 lb (120kg)
ACCESS CONTROL	WEIGHT CAPACITY
SM + SM	

<sup>\*</sup> Warranty conditions vary according to gate or door application and usage. See full Warranty details and limitations on D&D Technologies' website.

Gate mounting brackets included with hinge. Post-mounting brackets sold separately. Fasteners not included.

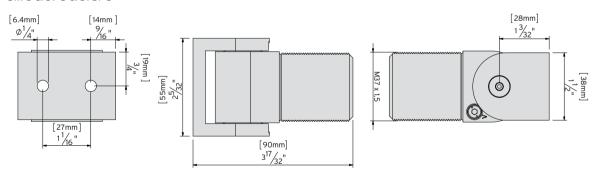
<sup>\*\*</sup>Use only "SF" model (safety) closers on pool/safety gates. Hinges must be at least 36" (900mm) apart so they cannot be used as footholds by toddlers.

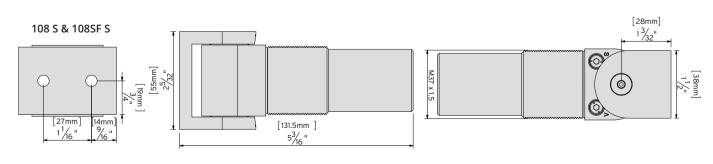
### **Gate Function**





### SM S & 57 S & 57SF S



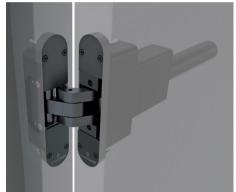






# World's only Concealed Door Closer & Hinge all-in-one

- Powerful, hidden hydraulic closure
- Hydraulics concealed internally (never add fluid)
- Easily accessed, adjustable self-closing and self-latching speed valves
- Concealed mechanisms for a stylish, clean, distinctive look and burglary resistant
- Easily installed internally within the door or frame
- Decorative dress covers included
- Tested to over 1 million open-close cycles
- Meets ADA requirements
- Quietly, self-closes doors up to 220 lbs (100kg)





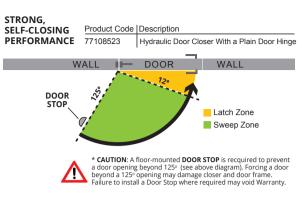


CODE	MODEL	MAX DOOR OPENING	ADJUSTABLE CLOSING SPEED	FINAL SNAP-CLOSE ACTION	VERTICAL (DOOR HEIGHT) ADJUSTABILITY	DEPTH & INCLINATION ADJUSTABILITY	MAX. SELF-CLOSING WEIGHT
77108523	SureClose® CONCEALFIT KIT (Hinge/Closer + Hinge Only)	125°	Yes	Yes (12°-0°)	+/- 1/64" (2mm)	%4" (2mm) – 15%4" (6mm)	220 lb (100kg)
78108513	Hinge (Single Unit)	125°	No	No	+/- ¾" (2mm)	5/4" (2mm) - 15/4" (6mm)	N/A

<sup>\*</sup> Warranty conditions vary according to door or gate application and usage. See full Warranty details and limitations on D&D Technologies' website.

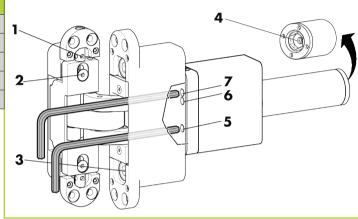
Door reinforcement hardware available for hollow-core doors.

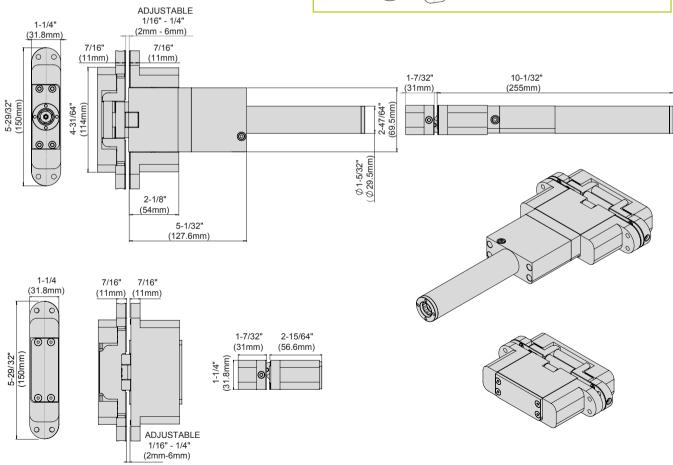
 $Routing\ templates\ and\ drill\ jig\ available\ for\ wood\ doors\ and\ frames.\ Weld\ boxes\ available\ for\ metal\ gates.$ 

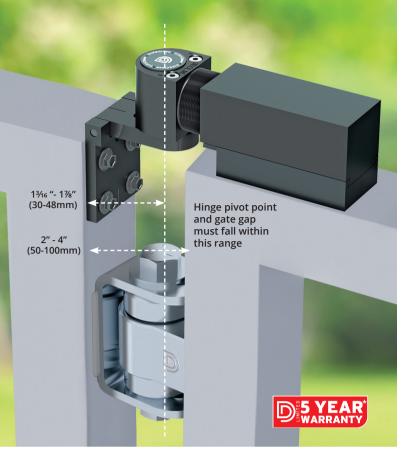


7 D	7 DIFFERENT ADJUSTMENTS FOR PERFECT INSTALLATION										
REF	ADJUSTMENT	UNIT	RANGE								
1	Door Height (Vertical)	Both	+/- ¾" (2mm) with 0.04" (1mm) steps								
2	Lateral	Both	+/- 1/16" (1.25mm)								
3	Depth and Inclination	Both	Gap between post and door leaf adjustable from %4" (2mm) – 15/4" (6mm)								
4	Door Spring Closing Force	Closer	330lbf-395lbf (1470N-1755N)								
5	Door Sweep Closing Speed	Closer	125° to 0°								
6	Door Sweep Opening Angle	Closer	Steps at 60°, 80°, 100° and 125°								
7	Door Latching Speed	Closer	Between 12° - 0°								

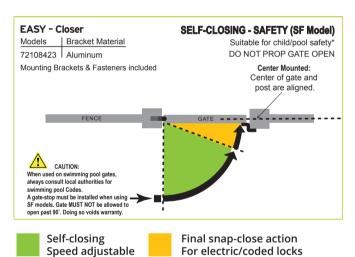
ONE PAIR, CLOSER + HINGE COMBINATION						
Maximum Door Weight	220 lbs (100kg)					
Maximum Door Width	48" (1220mm)					
Minimum Door Thickness	1.6" (40mm)					
Maximum Opening Angle	125°					
Final snap-close action	12° - 0°					







### **Gate Function**



GATE WIDTH	MAX SELF-CLOSING GATE WEIGHT
40" (1000mm) wide	176 lb (80kg)
48" (1200mm) wide	132 lb (60kg)
	•

CAUTION: Based on max. gate width 40"W (1000mm) and 48"W (1200mm). For gates with greater W, or if weather conditions such as wind play a significant role, use a different model of SureClose® hinge + closer combination with higher self-closing weight ratings.

CAUTION: A gate stop MUST be installed when using SF models.

Gate MUST NOT be allowed to open past 90°. Doing so voids warranty.

\*All EASY closers include fasteners, gate and post mounting brackets.

\* Warranty conditions vary according to gate or door application and usage. See full Warranty details and limitations on D&D Technologies' website. All EASY closers include fasteners, gate and post mounting brackets.

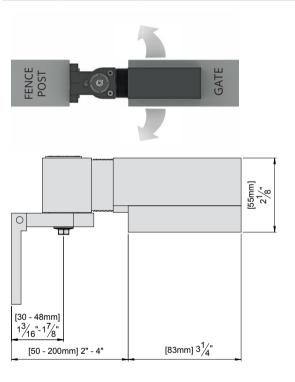
\*\*Yes (SF) = Gate will not hold open at 90° (OK for safety gates). Do NOT use a hinge with a 90° hold-open feature (-) for pool/child safety gates.

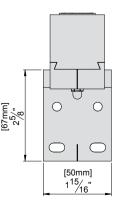
# D° SURE**Close**° **EASY**

### Hydraulic, Gate Closer for Center-Hinge Mounted Gates

- Add-on hydraulic closer smooth and quiet
- Adjustable self-closing speed & final snap action
- Usable with most center-mounted hinges
- · Easy to install: mounts to top of gate
- Self-closes gates up to 180 lb (80kg)
- Horizontally adjusts: up to 4" (100mm) gate gaps
- Opens to, & self-closes from, 90° (no hold-open)
- · Maintenance free: never add fluid
- High corrosion resistance 50-micron anodizing
- Includes gate and post mounting brackets

CODE* MODEL		MODEL	DESCRIPTION
	72108423	SC 108SF S**	Gate Closer – Aluminum Brackets







# Heavy duty hinges tested to over 1 million cycles. Adjustable and powder-coatable.

### Heavy duty shaft (bolt)

On all hinges; gives the highest weight rating in the industry

### Zinc electroplating

- Inhibits rust and corrosion
- No need to grind off before welding
- On all components except stainless steel, aluminum and 'rusted look'

### Post bracket

- · Horizontally adjustable for accurate installations
- Precision machining that fully utilizes the adjustment slots and maximizes welding surfaces

### Unique Stover locknut

- Innovative, shaped threads that provide a vibration-resistant friction fit so nut stays firm
- Top thread section is deformed to create two or three locking zones (can be re-used 2-3 times)
- All-metal locknuts withstand higher temperatures than nylon-insert locknuts



### **Precision** bushing

Distributes gate load for optimal performance and longer life

### **Tightest tolerances** in the industry

- CNC machined to perfection
- Virtually frictionless rotation

### Hinge Body (on gate)

- Fits round or flat surfaces
- · Decorative, brushed finish

### NEW high-temp sealed bearing

- Safe to powder-coat with hinges installed on gate (except CI3850 self-closing hinge)
- No greasing, no maintenance ever
- Hinge options with 1, 2, 3 or 4 bearings
- · Performs better than roller cages that require periodic greasing













Baby BadAss™ 1 Sealed Bearing



Self-Closing Cl3850 ™ 2 Sealed Bearings



Heavy Duty BadAss™ 3 Sealed Bearings



BadAss™ Strap Hinge **4 Sealed Bearings** 

# SHUT**It®** BADASS™















CI3000 ORIGINAL

CI3200 COMBO ALUMINUM/STEEL BODY

CI3300 COMBO STEEL/ALUMINUM BODY

CI3400 ALUMINUM

CI3500 HEAVY DUTY

CI3520 100 YEAR













CI3600 BABY

CI3620 RUSTED BABY

CI3650 ALUMINUM BABY

CI3670 COMBO BABY

CI3800 STAINLESS STEEL

CI3850 SELF-CLOSING HINGE

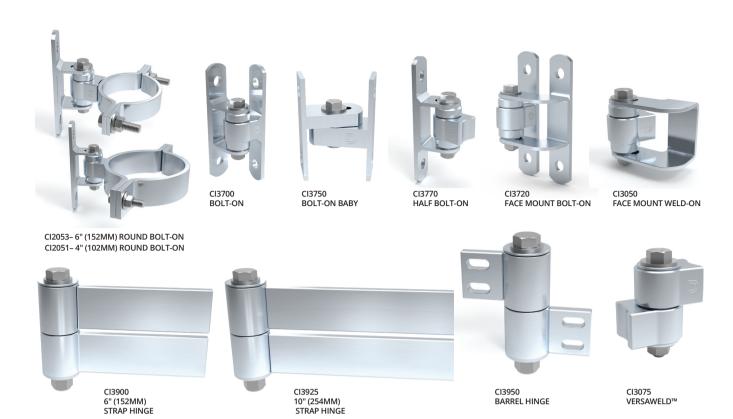
CODE	PRODUCT NAME	**GAP VARIANCE	FINISH	NO. OF SEALED BEARINGS	MAX GATE WEIGHT	MAX GATE LOAD	*YOKE MATERIAL	BODY MATERIAL	HEIGHT	WEIGHT
CI3000	Original BadAss™	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Zinc	2	1,100 lb (500kg)	2,000 lb (900kg)	Steel	Steel	3 <sup>13</sup> /16" (97mm)	2.5 lb (1.1kg)
CI3100	Original BadAss™ Rusted	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Unfinished	2	1,100 lb (500kg)	2,000 lb (900kg)	Steel	Steel	3 <sup>13</sup> / <sub>16</sub> " (97mm)	2.5 lb (1.1kg)
CI3200	Alum/Steel BadAss™ Combo	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Unfinished /Zinc	2	600 lb (270kg)	1,000 lb (450kg)	Alum	Steel	3 <sup>13</sup> / <sub>16</sub> " (97mm)	2.5 lb (1.1kg)
CI3300	Steel/Alum BadAss™ Combo	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Zinc / Unfinished	2	600 lb (270kg)	1,000 lb (450kg)	Steel	Aluminum	3 <sup>13</sup> / <sub>16</sub> " (97mm)	2 lb (1kg)
CI3400	Aluminum BadAss™	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Unfinished	2	600 lb (270kg)	1,000 lb (450kg)	Alum	Aluminum	3 <sup>13</sup> / <sub>16</sub> " (97mm)	2 lb (1kg)
CI3500	Heavy Duty BadAss™	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Zinc	3	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	Steel	3 <sup>13</sup> / <sub>16</sub> " (97mm)	3.5 lb (1.6kg)
Cl3520	100 Year BadAss™	2 <sup>3</sup> % <sub>4</sub> "-3" (64-76mm)	Zinc	3	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	Steel	4¾32" (104mm)	3.5 lb (1.6kg)
CI3600	Baby BadAss™	2 <sup>3</sup> 3/4"-3" (64-76mm)	Zinc	1	300 lb (140kg)	500 lb (230kg)	Steel	Steel	1 <sup>1</sup> % <sub>4</sub> " (33mm)	1 lb (0.5kg)
Cl3620	Baby BadAss™ Rusted	2 <sup>3</sup> %4"-3" (64-76mm)	Unfinished	1	300 lb (140kg)	500 lb (230kg)	Steel	Steel	1 <sup>1</sup> % <sub>4</sub> " (33mm)	1 lb (0.5kg)
CI3650	Baby BadAss™ Aluminum	2 <sup>3</sup> 3/4"-3" (64-76mm)	Unfinished	1	300 lb (140kg)	500 lb (230kg)	Alum	Aluminum	1 <sup>1</sup> % <sub>4</sub> " (33mm)	0.5 lb (0.2kg)
CI3670	Baby BadAss™ Steel/Alum Combo	2 <sup>3</sup> %4"-3" (64-76mm)	Zinc / Unfinished	1	300 lb (140kg)	500 lb (230kg)	Steel	Aluminum	1 <sup>1</sup> % <sub>4</sub> " (33mm)	1 lb (0.5kg)
CI3800	Stainless Steel BadAss™ †	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Unfinished	2	1,100 lb (500kg)	2,000 lb (900kg)	Stainless	Stainless	3 <sup>13</sup> / <sub>16</sub> " (97mm)	2.5 lb (1.1kg)
CI3850	Self-closing BadAss™ Set††	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Zinc	2/2	300 lb (140kg)	2,000 lb (900kg)	Steel	Steel	5" (127mm)	5.5 lb (2.5kg)

<sup>\*</sup> For welding yoke to round fence post, weld 1½ x ½ x ½ x 3x3x3mm) A36 steel bar channel to yoke first. After cooling, weld bar channel to fence post. Flat posts: fixed 2.75" (70mm). Round posts: min gap is 0.

Maximum gate weight 1,100 lb (500kg), but the maximum self-closing weight is 300 lb (140kg). All weight ratings are based upon two hinges.

<sup>\*\*</sup>Adjustable yoke for perfect installations. † All components, including the sealed bearings, are stainless steel.

<sup>† †</sup> Set comes with one self-closing hinge plus one Cl3000.



CODE	PRODUCT NAME	**GAP VARIANCE	FINISH	# OF SEALED BEARINGS	MAX. GATE WEIGHT	MAX. GATE LOAD	YOKE MATERIAL	BODY MATERIAL	HEIGHT INCH/MM	WEIGHT LB/KG
CI2051	4" (102mm) Round Bolt-on BadAss™	2 <sup>23</sup> / <sub>32</sub> -3 <sup>3</sup> / <sub>16</sub> " (69-81mm)	Zinc	2	1,000 lb (450kg)	2,000 lb (900kg)	Steel	Steel	7 <sup>33</sup> % <sub>4</sub> " (191mm)	5 lb (2.3kg)
CI2053	6" (152mm) Round Bolt-on BadAss™	2 <sup>23</sup> / <sub>32</sub> -3 <sup>3</sup> / <sub>16</sub> " (69-81mm)	Zinc	2	1,000 lb (450kg)	2,000 lb (900kg)	Steel	Steel	7 <sup>33</sup> ⁄⁄ <sub>4</sub> " (191mm)	10 lb (4.5kg)
CI2054	8" (203mm) Round Bolt-on BadAss™	2 <sup>23</sup> / <sub>32</sub> -3 <sup>3</sup> / <sub>6</sub> " (69-81mm)	Zinc	2	1,000 lb (450kg)	2,000 lb (900kg)	Steel	Steel	7 <sup>33</sup> / <sub>64</sub> " (191mm)	15 lb (6.8kg)
CI3700	Bolt-on BadAss™	2 <sup>2</sup> / <sub>32</sub> -3 <sup>2</sup> / <sub>64</sub> " (74-86mm)	Zinc	2	1,000 lb (450kg)	2,000 lb (900kg)	Steel	Steel	7 <sup>3</sup> % <sub>4</sub> " (191mm)	3.5 lb (1.6kg)
CI3750	Baby Bolt-on BadAss™	3-3½" (76-89mm)	Zinc	1	250 lb (110kg)	600 lb (270kg)	Steel	Steel	4" (102mm)	2.0 lb (1kg)
CI3770	Half Bolt-on BadAss™	2 <sup>4</sup> 1/ <sub>64</sub> -3 <sup>5</sup> / <sub>32</sub> " (67-80mm)	Zinc	2	1,000 lb (450kg)	2,000 lb (900kg)	Steel	Steel	7 <sup>3</sup> % <sub>4</sub> " (191mm)	2.5 lb (1.1kg)
CI3780	Steel/Aluminum Half Bolt-On	2 <sup>4</sup> 1/ <sub>64</sub> -3 <sup>5</sup> / <sub>32</sub> " (67-80mm)	Zinc	2	600 lb (270kg)	1000 lb (450kg)	Steel	Aluminum	7 <sup>33</sup> % <sub>4</sub> " (191mm)	2.4 lb (1.1kg)
CI3720	Face Mount Bolt-on BadAss™	½"-1" (13-25mm)	Zinc	2	1,100 lb (500kg)	2,000 lb (900kg)	Steel	Steel	7 <sup>33</sup> % <sub>4</sub> " (191mm)	3.8 lb (1.7kg)
CI3050	Face Mount Weld-on BadAss™	½"-1" (13-25mm)	Zinc	2	1,100 lb (500kg)	2,000 lb (900kg)	Steel	Steel	3 <sup>55</sup> %4" (98mm)	1.8 lb (0.8kg)
Cl3900	6" (152mm) Strap Hinge	Fixed ½" (13mm)	Zinc	4	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	Steel	5 <sup>2</sup> / <sub>32</sub> " (150mm)	6 lb (2.7kg)
Cl3925	10" (254mm) Strap Hinge	Fixed ½" (13mm)	Zinc	4	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	Steel	5 <sup>2</sup> / <sub>32</sub> " (150mm)	7.5 lb (3.4kg)
Cl3975	Uphill Strap Hinge Set*	Fixed ½" (13mm)	Zinc	4/4	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	Steel	5 <sup>2</sup> / <sub>32</sub> " (150mm)	13.5 lb (6.1kg)
Cl3950	Barrel Hinge	Fixed ½" (13mm)	Zinc	4	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	Steel	5 <sup>2</sup> / <sub>32</sub> " (150mm)	4.0 lb (1.8kg)
CI3075	VersaWeld™ BadAss™	Fixed 2¾" (70mm)	Zinc	2	1,100 lb (500kg)	2,000 lb (900kg)	Steel	Steel	3 <sup>47</sup> /⁄ <sub>64</sub> " (95mm)	2.2 lb (1.0kg)

<sup>\*</sup> For welding yoke to round fence post, weld 1½ x ½ x ½" (38x13x3mm) A36 steel bar channel to yoke first. After cooling, weld bar channel to fence post. Flat posts: fixed 2.75" (70mm). Round posts: min gap is 0.

Maximum gate weight 1,100 lb (500kg), but the maximum self-closing weight is 300 lb (140kg). All weight ratings are based upon two hinges.

<sup>\*\*</sup>Adjustable yoke for perfect installations. † All components, including the sealed bearings, are stainless steel. † † Set comes with one self-closing hinge plus one CI3000.



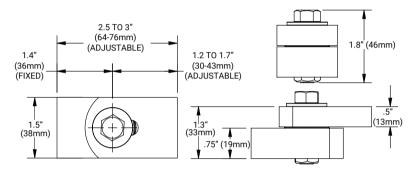
Cl3600 – Baby BadAss™ Steel Cl3620 – Baby BadAss™ 'Rusted' Cl3650 – Baby BadAss™ Aluminum

Cl3670 - Baby BadAss™ Combo

1 SEALED BEARING

CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3600	Zinc	Weld	2 <sup>3</sup> % <sub>4</sub> "-3" (64-76mm)	Steel	Steel	1 <sup>1</sup> % <sub>4</sub> " (33mm)	1 lb (0.5kg)
Cl3620	Unfinished	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (64-76mm)	Steel	Steel	1 <sup>1</sup> %4" (33mm)	1 lb (0.5kg)
CI3650	Unfinished	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (64-76mm)	Alum	Alum	1 <sup>1</sup> % <sub>4</sub> " (33mm)	1 lb (0.5kg)
CI3670	Zinc/ Unfinished	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (64-76mm)	Steel	Alum	1 <sup>1</sup> %4" (33mm)	1 lb (0.5kg)

- One sealed maintenance free bearing (no greasing)
- · High-temp bearings, safe to powder-coat
- · Designed for lighter gates
- Fastener slots for easy adjustment
- Ideal for square or round post installations
- Load rating per gate: 500 lb (230kg)
- Maximum gate weight: 300 lb (140kg)







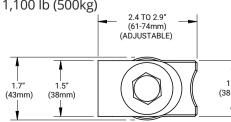
### Cl3000 - Original BadAss™ Cl3100 - Original BadAss™ 'Rusted'

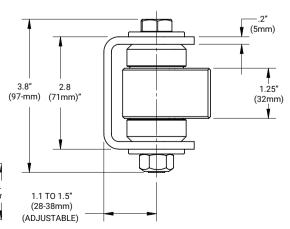




CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3000	Zinc	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Steel	Steel	3 <sup>1</sup> 3/16" (97mm)	2.5 lb (1.1kg)
CI3100	Unfinished	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Steel	Steel	3 <sup>1</sup> 3/16" (97mm)	2.5 lb (1.1kg)

- Adjustable bracket for precise installations
- Two sealed maintenance-free bearings
- High-temp bearings, safe to powder-coat
- Ideal for both flat and round post installations
- Load rating per gate: 2,000 lb (900kg)
- Maximum gate weight: 1,100 lb (500kg)







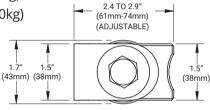
### Cl3200 – BadAss™ Combo Steel Body Cl3300 – BadAss™ Combo Aluminum Body

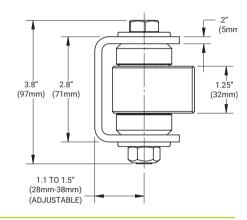
Cl3400 - The Aluminum BadAss™



CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
Cl3200	Unfinished/ Zinc	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>29</sup> / <sub>32</sub> " (61-74mm)	Alum	Steel	3¹¾6" (97mm)	2.5 lb (1.1kg)
CI3300	Unfinished/ Zinc	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Steel	Alum	3¹¾₀" (97mm)	2 lb (1kg)
CI3400	Unfinished	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Alum	Alum	3 <sup>1</sup> 3/16" (97mm)	2 lb (1kg)

- Adjustable bracket for precise installations
- · High-temp bearings, safe to powder-coat
- Perfect for that high-end installation
- · Round or plate post installations
- Load rating per gate: 1,000 lb (450kg)
- Maximum gate weight: 600 lb (270kg)





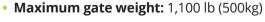


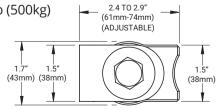
### Cl3800 - Stainless Steel BadAss™

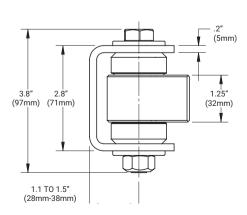


CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3800	Unfinished	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Stainless	Stainless	3 <sup>13</sup> /16" (97mm)	2.5 lb (1.1kg)

- 304 stainless steel includes the bearings, shaft (bolt), washers and locknut
- Two sealed maintenance free bearings (no greasing)
- · High-temp bearings, safe to powder-coat
- Adjustable yoke for perfect installations
- Ideal for both square and round post installations
- Load rating per gate: 2,000 lb (900kg)















со	DE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3	500	Zinc	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Steel	Steel	3¹¾6" (97mm)	3.5 lb (1.6kg)

High-temp bearings safe to powder-coat

Adjustable bracket for perfect installations

· Ideal for square or round-post installations

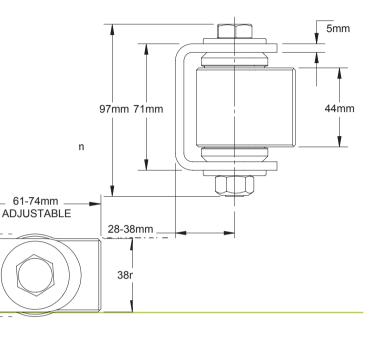
Holds 50% more load than the 'Original' BadAss

43mm 38mm

· Guaranteed for 100 years!

Load rating per gate: 3,000 lb (1,360kg)

Maximum gate weight: 1,500 lb (680kg)





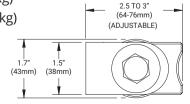
### Cl3520 - 100 Year BadAss™

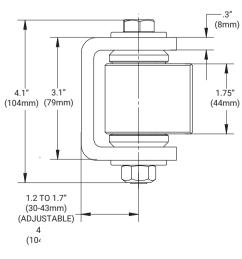




CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3520	Zinc	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (64-76mm)	Steel	Steel	4¾32″ (104mm)	3.5 lb (1.6kg)

- High-temp bearings, safe to powder-coat
- Thicker bracket and higher-tensile shaft
- Ideal for square- or round-post installations
- Adjustable bracket for precise installations
- Load rating per gate: 3,000 lb (1,360kg)
- Maximum gate weight: 1,500 lb (680kg)



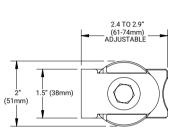








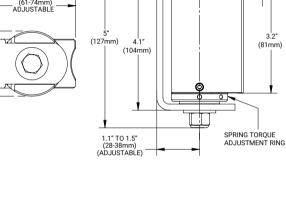
COD	E	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI38:	50	Zinc	Weld	2 <sup>13</sup> / <sub>32</sub> -2 <sup>2</sup> / <sub>32</sub> " (61-74mm)	Steel	Steel	5" (127mm)	5.5 lb (2.5kg)



• 1 Self-closing hinge + Original BadAss™ hinge

• Easy to install, heavy duty self-closing hinge

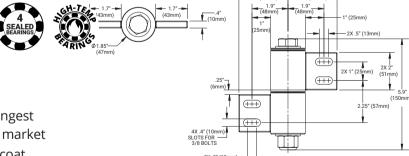
- 5 tension-adjustment settings on self-closing hinge
- Gate swings from -5° to 110°
- Ideal for panic bar installations
- Closer is built into the hinge (unable to powder-coat)
- Load rating per gate: 2,000 lb (900kg)
- Self-closing maximum gate weight: 300 lb (130kg)





### Cl3950 - BadAss™ Barrel Hinge

CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3950	Zinc	Bolt-On	3-3½" (76-89mm)	Steel	Steel	4" (102mm)	2.0 lb (1kg)

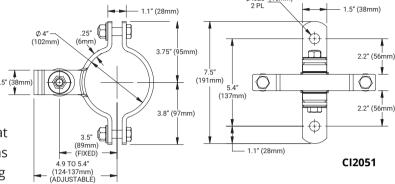


- The BadAss™ Barrel Hinge is the strongest and most versatile gate hinge on the market
- · High-temp bearings, safe to powder-coat
- Ideal for nearly all flat post installations
- · Bolt-on and weld-on installations
- Swings 180° if required
- **Load rating per gate:** 3,000 lb (1,360kg)
- Maximum gate weight: 1,500 lb (680kg)



### Round Bolt-On BadAss™ Cl2051- 4" (100mm) & Cl2053 - 6" (170mm)

CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI2051	Zinc	Bolt-On	2 <sup>23</sup> / <sub>32</sub> -3 <sup>3</sup> / <sub>16</sub> " (69-81mm)	Steel	Steel	7 <sup>3</sup> %4" (191mm)	5 lb (2.3kg)
CI2053	Zinc	Bolt-On	2 <sup>23</sup> / <sub>32</sub> -3 <sup>3</sup> / <sub>16</sub> " (69-81mm)	Steel	Steel	7³¾4" (191mm)	10 lb (4.5kg)



1.6" (41mm)

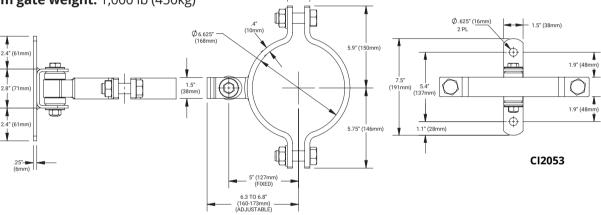
For round post to square post

High-temp bearings, safe to powder-coat

Adjustable barrel for precise installations

Flat, bolt-on brackets for through bolting

Load rating per gate: 2,000 lb (900kg)
Maximum gate weight: 1,000 lb (450kg)



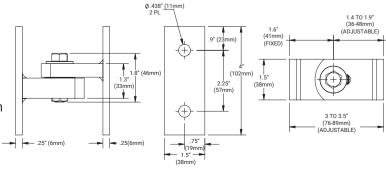




### Cl3750 - Baby Bolt-On BadAss™

CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3750	Zinc	Bolt-On	3-3½" (76-89mm)	Steel	Steel	4" (102mm)	2.0 lb (1kg)

- Adjustable bracket for perfect installations
- · Flat bolt-on brackets for through bolting
- · High-temp bearings, safe to powder-coat
- For installation where welding is not an option
- Load rating per gate: 600 lb (270kg)
- Maximum gate weight: 250 lb (110kg)





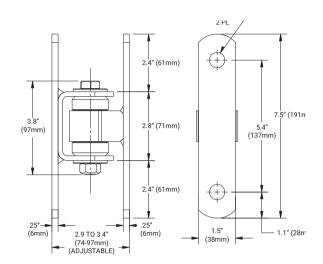


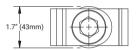


### Cl3700 – Bolt-On BadAss™

CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3700	Zinc	Bolt-On	2 <sup>2</sup> / <sub>32</sub> -3 <sup>2</sup> / <sub>64</sub> " (74-86mm)	Steel	Steel	7 <sup>3</sup> %4" (191mm)	3.5 lb (1.6kg)

- Bolt-On BadAss™ hinges were designed to be used on gates where welding to a post or gate is not an option (no field welder)
- · High-temp bearings, safe to powder-coat
- Adjustable bracket for round or square posts
- · Flat, bolt-on brackets for through-bolting
- Load rating per gate: 2,000 lb (900kg)
- Maximum gate weight: 1,000 lb (450kg)





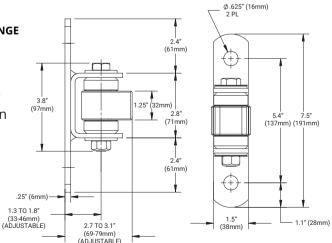


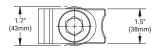
### Cl3770 – Half Bolt-On BadAss™ Cl3780 Steel/Aluminum Half Bolt-On BadAss™

CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3770	Zinc	Bolt-On / Weld	241/64-35/32" (67-80mm)	Steel	Steel	7 <sup>33</sup> ⁄64" (191mm)	2.5 lb (1.1kg)
CI3780	Zinc	Bolt-On / Weld	241/64-35/32" (67-80mm)	Steel	Aluminum	7 <sup>33</sup> ⁄64" (191mm)	2.4 lb (1.1kg)



- The Half Bolt-On BadAss<sup>™</sup> hinges were designed to be used on gates where welding to a post or gate is not an option (no field welder)
- · High-temp bearings, safe to powder-coat
- Welds to aluminum gates and bolts to fence post
- Horizontally adjustable to ½" (13mm)
- Cl3770 Load rating per gate: 2,000 lb (900kg)
- Maximum gate weight: 1000 lb (450kg)
- Cl3780 Load rating per gate: 1,000 lb (450kg)
- Maximum gate weight: 600 lb (270kg)



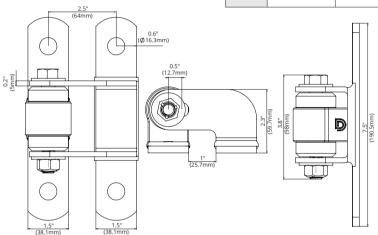


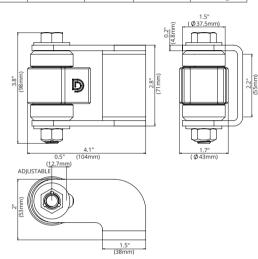


### Cl3720 – Face Mount Bolt-On BadAss™ Cl3050 – Face Mount Weld-On BadAss™

- Opens to 180°
- Achieve gate gaps as small as ½" (13mm)
- Horizontally adjustable to ½" (13mm)
- Both weld-on and bolt-on models available
- · High-temp bearings, safe to powder-coat
- Load rating per gate: 2,000 lb (900kg)
- Maximum gate weight: 1,100 lb (500kg)

CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3720	Zinc	Bolt-On	½-1" (13-25mm)	Steel	Steel	7 <sup>3</sup> % <sub>4</sub> " (191mm)	3.8 lb (1.7kg)
CI3050	Zinc	Weld	½-1" (13-25mm)	Steel	Steel	3 <sup>5</sup> ‰" (98mm)	1.8 lb (0.8kg)





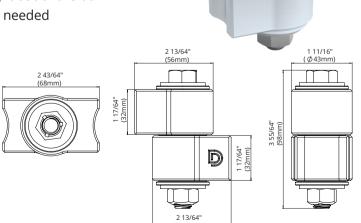
### Cl3075 - VersaWeld™ BadAss™ Hinge

CODE	FINISH	FIXING	GATE GAP	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
CI3075	Zinc	Weld-On	Flat posts: Fixed 2.75" (70mm). Round posts: no gap.	Steel	Steel	3 <sup>4</sup> ‰" (95mm)	2.2 lb (1kg)

- One simple hinge that welds on nearly any gate right out of the box
- Fits either flat or round posts or gates no adaptors needed
- High-temp bearings, safe to powder-coat
- · Smoother than traditional block or barrel hinges
- 2 sealed ball bearings
- Maintenance free, never needs lubrication
- Load rating per gate: 2,000 lb (900kg)
- Maximum gate weight: 1,100 lb (500kg)







### Cl3975 Uphill BadAss™ Strap Hinge Set

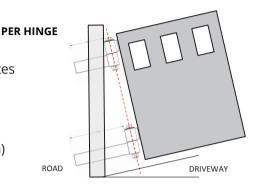
(Includes: 1x Cl3900 + 1x Cl3925)

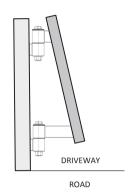
CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
Cl3975	Zinc	Weld	Fixed ½" (13mm)	Steel	Steel	5 <sup>2</sup> / <sub>32</sub> " (150mm)	13.5 lb (6.1kg)





- · Suitable for motorized, uphill or heavy gates
- · High-temp bearings safe to powder-coat
- · For square-posted, weld-on installations
- · Zinc electroplated external components
- Swings 180°; fixed gap variance ½" (13mm)
- · Leaf straps can be cut to length
- Load rating per gate: 3,000 lb (1,360kg)
- Maximum gate weight: 1,500 lb (680kg)

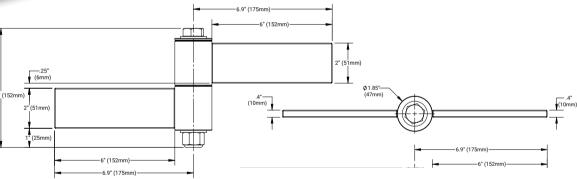




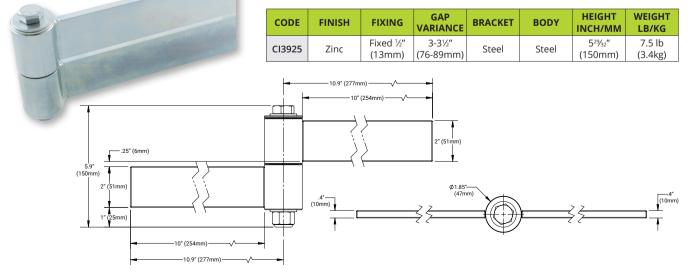
SLOPE GRADIENT MATRIX AVAILABLE ON D&D'S WEBSITE OR BY REQUEST

### Cl3900 - 6" (152mm) BadAss™ Strap-Hinge

CODE	FINISH	FIXING	GAP VARIANCE	BRACKET	BODY	HEIGHT INCH/MM	WEIGHT LB/KG
Cl3900	Zinc	Weld	Fixed ½" (13mm)	Steel	Steel	5 <sup>2</sup> % <sub>32</sub> " (150mm)	6 lb (2.7kg)
6.9* (175mm)							



### Cl3925 - 10" (245mm) BadAss™ Strap-Hinge





# Anatomy of a Shut-It® gate wheel

### Hardest Steel

 At Shut-It® we use the hardest steel in the industry on our wheels, making them literally Hard to the Core (30 RC Rated)

### Zinc Electroplating

- Long lasting rust and corrosion protection
- On all wheel components except aluminum carriage plates

# Tightest tolerance in the industry

• Virtually frictionless rotation

### Spacer (bushing)

- Spacer options for 1½" (38mm) and 2" (51mm) wide gate profiles
- Distributes load directly onto the center ring of the sealed bearings for optimal performance and long life

### Two Sealed Bearings

- Require no greasing
- Maintenance free

### Narrow Wheel Profile

 Reduces possibility of wheel hitting debris and running off track

## FOR CANTILEVER AND SLIDING GATE INSTALLATIONS SEE P.72-74

### **Carriage Plates**

- Most versatile in assuring proper spacing under gates
- · No need to stock multiple wheel boxes
- · Meets UL 325 Safety Standard
- · Less obtrusive than wheel boxes
- Fits to all common gate widths
- · Vertically adjustable
- · Available in aluminum and steel



## D® SHUT**It**® HARDCORE™



CI2240 HARDCORE™ CANTILEVER WHEEL ASSEMBLY



CI2300 HARDCORE™ GATE GUIDE ASSEMBLY



CI2515 HARDCORE™ V-GROOVE WHEEL WITH CARRIAGE PLATES



CI2620 HARDCORE™ V-GROOVE WHEEL

CODE	PRODUCT NAME**	FIXING METHOD	FINISH	# OF SEALED BEARINGS	MAX GATE WEIGHT	MAX GATE LOAD	WHEEL MATERIAL	CARRIAGE PLATE MATERIAL	HEIGHT INCH/MM	WEIGHT LB/KG
CI2140	4" (102mm) Carriage Plate Set - Steel ††	Weld	Zinc	-	-	-	Steel	Steel	4" (102mm)	2 lb (1kg)
CI2140A	4" (102mm) Carriage Plate Set - Aluminum ††	Weld	Zinc	-	-	-	Steel	Alum	4" (102mm)	1.5 lb (0.7kg)
CI2160	6" (152mm) Carriage Plate Set - Steel ††	Weld	Zinc	-	-	-	Steel	Steel	6" (152mm)	3.5 lb (1.6kg)
CI2160A	6" (152mm) Carriage Plate Set - Aluminum ††	Weld	Zinc	-	-	-	Steel	Alum	6" (152mm)	2 lb (1kg)
CI2240	4" (102mm) Cantilever Wheel Assembly	Weld	Zinc	2	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	Steel	6" (152mm)	5 lb (2.3kg)
CI2260	6" (152mm) Cantilever Wheel Assembly	Weld	Zinc	2	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	Steel	8" (203mm)	10.5 lb (4.8kg)
CI2300	Guide Assembly	Weld	Zinc	2	-	-	Steel	-	6" (152mm)	4 lb (1.8kg)
CI2350	Extended Guide As- sembly	Weld	Zinc	2	-	-	Steel	-	10" (254mm)	4.5 lb (2kg)
CI2340	4" (102mm) Carriage Cap	Weld	Zinc	-	-	-	Steel	-	6" (152mm)	1 lb (0.5kg)
CI2360	6" (152mm) Carriage Cap	Weld	Zinc	-	-	-	Steel	-	8" (203mm)	1.5 lb (0.7kg)
CI2415	4" (102mm) Wheel - 1½" (38mm) Frame	Bolts to plates	Zinc	2	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	-	4" (102mm)	4.5 lb (2kg)
CI2420	4" (102mm) Wheel - 2" (51mm) Frame	Bolts to plates	Zinc	2	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	-	4" (102mm)	4.5 lb (2kg)
CI2515	4" (102mm) Wheel - 1½" (38mm) Frame Set *	Weld	Zinc	2	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	Steel	4" (102mm)	6 lb (2.7kg)
CI2520	4" (102mm) Wheel - 2" (51mm) Frame Set *	Weld	Zinc	2	1,500 lb (680kg)	3,000 lb (1,360kg)	Steel	Steel	4" (102mm)	6 lb (2.7kg)
CI2615	6" (152mm) Wheel - 1½" (38mm) Frame	Bolts to plates	Zinc	2	2,200 lb (1,000kg)	5,000 lb (2,270kg)	Steel	-	6" (152mm)	9 lb (4kg)
CI2620	6" (152mm) Wheel - 2" (51mm) Frame	Bolts to plates	Zinc	2	2,200 lb (1,000kg)	5,000 lb (2,270kg)	Steel	-	6" (152mm)	9.5 lb (4.3kg)
CI2625	6" (152mm) Wheel - For Wheel Boxes †	Bolts to box	Zinc	2	2,200 lb (1,000kg)	5,000 lb (2,270kg)	Steel	-	6" (152mm)	9.5 lb (4.3kg)
CI2715	6" (152mm) Wheel - 1½" (38mm) Frame Set *	Weld	Zinc	2	2,200 lb (1,000kg)	5,000 lb (2,270kg)	Steel	Steel	6" (152mm)	12 lb (5.4kg)
CI2720	6" (152mm) Wheel - 2" (51mm) Frame Set *	Weld	Zinc	2	2,200 lb (1,000kg)	5,000 lb (2,270kg)	Steel	Steel	6" (152mm)	12.5 lb (6kg)

All weight ratings are based upon two wheels. \* Includes one wheel and two slotted carriage plates.

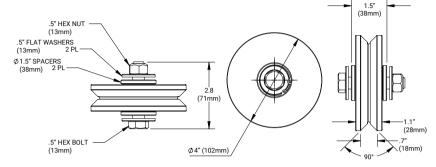
\*\* All wheels include axle bolt, washers and locknuts.

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

# SEALED BEARINGS

### V-Groove Wheel for 11/2" (38mm) Gate Frame

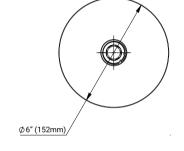
CODE	FINISH	FIXING	MAX GATE WEIGHT	WHEEL	HEIGHT INCH/MM	WEIGHT LB/KG
CI2415	Zinc	Bolts to plates	1,500 lb (680kg)	Steel	4" (102mm)	4.5 lb (2kg)
CI2615	Zinc	Bolts to plates	2,200 lb (1,000kg)	Steel	6" (152mm)	9 lb (4kg)



CI2415 - 4" (102mm) CI2615 - 6" (152mm)

- Narrow width to reduce friction and debris issues
- This wheel does not include carriage plates
- · Adjustable plates for perfect installations
- Super-hard cold rolled steel (30RC rating)

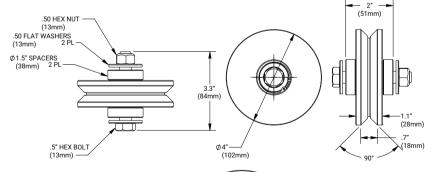
**Load rating per gate:** 3,000 lb (1,360kg)/5000 lb (2,300kg) **Max gate weight:** 1,500 lb (680kg) /2,200 lb (1,000kg)





### V-Groove Wheel for 2" (51mm) Gate Frame

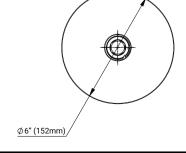
CODE	FINISH	FIXING	MAX GATE WEIGHT	WHEEL	HEIGHT INCH/MM	WEIGHT LB/KG
CI2420	Zinc	Bolts to plates	1,500 lb (680kg)	Steel	4" (102mm)	4.5 lb (2kg)
CI2620	Zinc	Bolts to plates	2,200 lb (1,000kg)	Steel	6" (152mm)	9.5 lb (4.3kg)



Cl2420 - 4" (102mm) Cl2620 - 6" (152mm)

- · Narrow width to reduce friction and debris issues
- Adjustable plates for perfect installations
- This wheel does not include carriage plates
- Super-hard cold rolled steel (30RC rating)

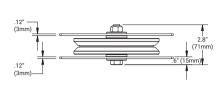
**Load rating per gate:** 3,000 lb (1,360kg)/5000 lb (2,200kg) **Max gate weight:** 1,500 lb (680kg) /2,200 lb (1,000kg)

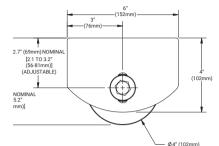


# SEARINGS.

### Wheel with Carriage Plates for 1½" (38mm) Gate Frame

CODE	FINISH	FIXING	MAX GATE WEIGHT	WHEEL	PLATE	HEIGHT INCH/MM	WEIGHT LB/KG
CI2515	Zinc	Weld	1,500 lb (680kg)	Steel	Steel	4 <sup>1</sup> ½ <sub>6</sub> " (119mm)	6 lb (2.7kg)
CI2715	Zinc	Bolts to plates	2,200 lb (1,000kg)	Steel	Steel	7¹¾₂" (188mm)	12 lb (5kg)



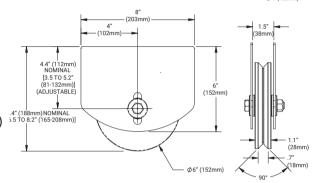


Cl2515 - 4" (102mm) Cl2715 - 6" (152mm)

- · Adjustable plates for perfect installations
- Includes carriage plates, ideal for UL325 installation
- Narrow with to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)

  Load rating per gate: 3,000 lb (1,360kg)/5000 lb (2,300kg)

  Max gate weight: 1,500 lb (680kg) /2,200 lb (1,000kg)



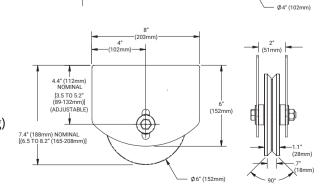


### Wheel with Carriage Plates for 2" (51mm) Gate Frame

CODE	FINISH	FIXING	MAX GATE WEIGHT	WHEEL	PLATE	HEIGHT INCH/MM	WEIGHT LB/KG
CI2520	Zinc	Weld	1,500 lb (680kg)	Steel	Steel	4 <sup>1</sup> ½6" (119mm)	6 lb (2.7kg)
CI2720	Zinc	Weld	2,200 lb (1,000kg)	Steel	Steel	7 <sup>13</sup> / <sub>32</sub> " (188mm)	12.5 lb (6kg)



- Adjustable plates for perfect installations
- Includes carriage plates, ideal for UL325 installation
- Narrow width to reduce friction and debris issues
- Super-hard cold rolled steel (30RC rating)
   Load rating per gate: 3,000 lb (1,360kg)/5000 lb (2,300kg)
   Max gate weight: 1,500 lb (680kg) /2,200 lb (1,000kg)



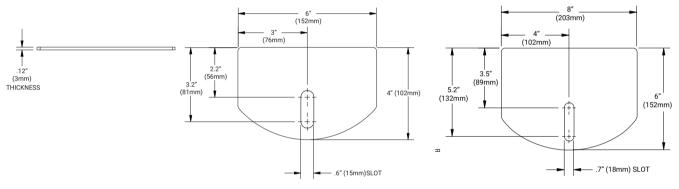
[2.2 TO 3.2" (56-81mm)] (ADJUSTABLE)



### The HardCore™ Carriage Plate in Steel/Aluminum

CODE	FINISH	FIXING	PLATE	HEIGHT INCH/MM	WEIGHT LB/KG
CI2140	Zinc	Weld	Steel	4" (102mm)	2 lb (1kg)
CI2160	Zinc	Weld	Steel	6" (152mm)	3.5 lb (1.6kg)
CI2140A	Zinc	Weld	Alum	4" (102mm)	2 lb (1kg)
CI2160A	Zinc	Weld	Alum	6" (152mm)	3.5 lb (1.6kg)

- Adjustable plates for perfect installation
- · Meets UL 325 Safety Standard
- Models for 4" (102mm) and 6" (152mm) wheels
- Available in steel and aluminum
- No need for bulky and heavy wheel boxes
- .14" (3mm) plate thickness
- Combine with carriage caps for chain link applications



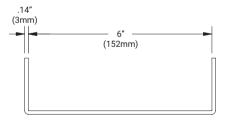


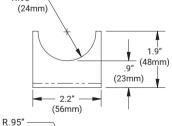
Cl2340 - 6" (152mm) Cl2360 - 8" (203mm)

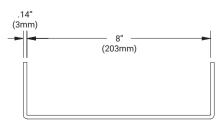
- Designed to be used with V-Groove Wheels
- · Combines with carriage plates for round rail
- · Perfect chainlink gate solution
- · Creates a UL325- friendly system
- · Made from high strength steel
- 4" (102mm) wheel carriage cap
- 6" (152mm) wheel carriage cap
- Welding instructions page 74

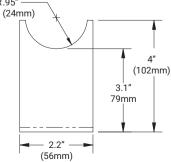
### The HardCore™ Carriage Cap

CODE	FINISH	FIXING	PLATE	HEIGHT INCH/MM	WEIGHT LB/KG
CI2340	Zinc	Weld	Steel	6" (152mm)	1 lb (0.5kg)
CI2360	Zinc	Weld	Steel	8" (203mm)	1.5 lb (0.7kg)





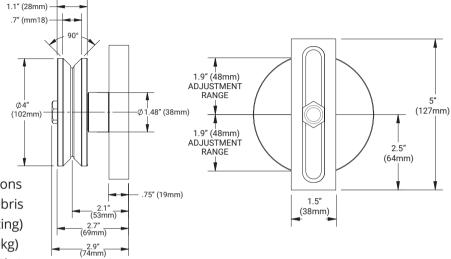






### The 4" (102mm) Cantilever Wheel Assembly

CODE	FINISH	FIXING	MAX GATE WEIGHT	WHEEL	PLATE	WHEEL DIAMETER	WEIGHT LB/KG
CI2240	Zinc	Weld	1,500 lb (680kg)	Steel	Steel	4" (102mm)	5 lb (2.3kg)



### C12240

- Adjustable plates for perfect installations
- Narrow width reduces friction and debris
- Super-hard cold rolled steel (30RC rating)
- **Load rating per gate:** 3,000 lb (1,360kg)
- Maximum gate weight: 1,500 lb (680kg)



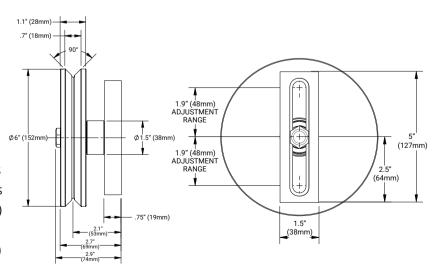
### The 6" (152mm) Cantilever Wheel Assembly

CODE	FINISH	FIXING	MAX GATE WEIGHT	WHEEL	PLATE	WHEEL DIAMETER	WEIGHT LB/KG
CI2260	Zinc	Weld	1,500 lb (680kg)	Steel	Steel	6" (152mm)	10.5 lb (4.8kg)



### **CI2260**

- Adjustable plates for perfect installations
- · Narrow width reduces friction and debris
- Super-hard cold rolled steel (30RC rating)
- **Load rating per gate:** 3,000 lb (1,360kg)
- Maximum gate weight: 1,500 lb (680kg)



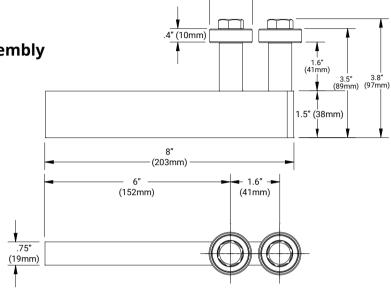
### The Gate Guide Assembly





### CI2300 - 6" (152mm) Gate Guide Assembly

- · Ideal for gates without grade variation
- Replaces the industry standard guide rollers
- Simply attach Guide Assembly to the end-post
- Super hard steel
- Zinc finish



Ø1.4" (36mm) 2 PL

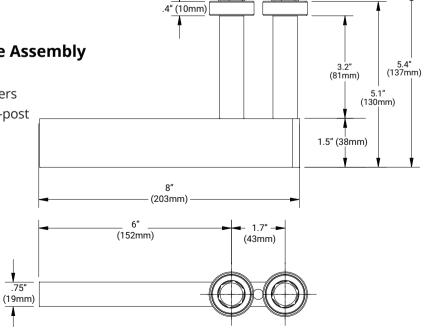


### The Extended Gate Guide Assembly

CODE	FINISH	FIXING	MATERIAL	WEIGHT LB/KG
CI2350	Zinc	Weld	Steel	4.5 lb (2kg)

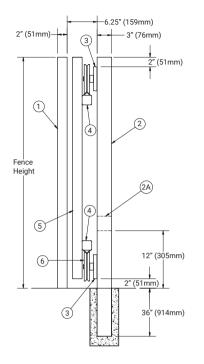
### CI2350 - 10" (254mm) Gate Guide Assembly

- · Ideal for gates without grade variation
- · Replaces the industry standard guide rollers
- Simply attach Guide Assembly to the end-post
- Super hard steel
- Zinc finish

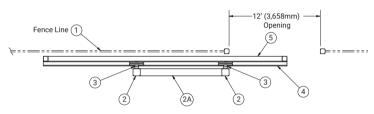


\_**▼** .75″

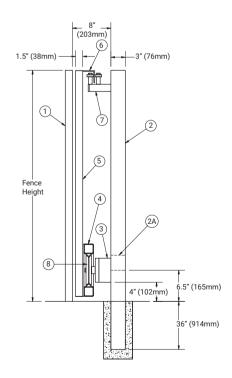
# Full Cantilever Gate System - 4 Wheel System & Semi Cantilever Installation Guide



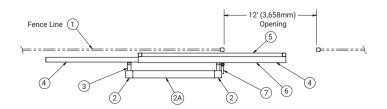
1	Fence Line
2	Two Posts: $3 \times 3 \times \%$ " (76x76x5mm), $4 \times 4 \times \%$ " (102x102x5mm), or $6 \times 6 \times \%$ " (152x152x5mm)
2A	Connect two posts with rail (can be used for operator mount)
3	Weld four Cantilever wheel assemblies to post
4	Weld or bolt 2 x 2 Cantilever rails to gate frame
5	Gate frame with support panel posts 3x3" (76x76mm) – up to 12" (3,658 mm) opening 4x4" (102 x 102mm) – up to 22" (6,700mm) opening 6x6" (152 x 152mm) – over 22" (6,700mm) opening Support panel length up 12" (3,658mm) opening
6	For cantilever wheel assemblies: use Cl2240 for 4" (102mm) wheels and Cl2260 for 6" (152mm) wheels

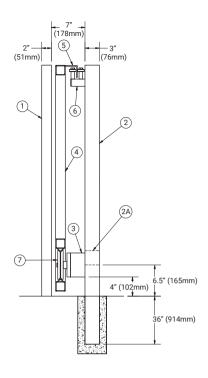


# Full Cantilever Gate System-Weld/Bolt-On Rail



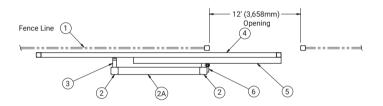
GATE	SYSTEM SPECIFICATIONS
1	Fence Line
2	Two Posts: 3 x 3 x ¾" (76x76x5mm), 4 x 4 x ¾" (102x102x5mm) 1 post at fence height – 1 post 24" (610mm) above grade
2A	Connect two posts with rail 6.5" (165mm) up from grade (can be used for operator mount)
3	Cantilever bracket with 2.5" (64mm) extensions (2 total)
4	Weld or bolt Cantilever rails to gate frame
5	Gate frame
6	2.5 x 2.5 x ¾6 " (64 x 64 x 5mm) continuous angle weld for guide
7	Weld Guide Assembly Cl2300 or Cl2350 (extended version) to guide post
8	For Cantilever wheel assemblies: Use Cl2240 for 4" (102mm) wheels and Cl2260 for 6" (152mm) wheels





#### Full Cantilever Gate System - built-In

1	Fence Line
2	Two Posts: 3 x 3 x 3/6" (76x76x5mm), 4 x 4 x 3/6" (102x102x5mm) 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 can be used as part of frame
5	$2.5 \times 2.5 \times \frac{3}{16}$ " (64 x 64 x 5mm) continuous angle weld for guide
6	Counsel guide weld to guide post
7	For Cantilever wheel assemblies: Use Cl2240 for 4" (102mm) wheels and Cl2260 for 6" (152mm) wheels



# **Proper Welding and FAQs**



**Warning:** Hinges will be severely damaged if electrical welding current is **not properly grounded**, resulting in the Warranty being voided.

#### What type of sealed bearings does Shut-It use?

High-temp sealed radial ball bearings. They never need grease or maintenance. Unlike other hinges that require periodic greasing, sand and dirt won't get inside your Shut-It hinges ensuring long life and superior performance. Our 304 stainless steel hinge model comes with stainless steel sealed bearings.

#### Does your zinc plating need to be removed before welding?

No. Zinc plating does not need to be ground off or removed in any way before welding. You will find the weld to be clean and without impurities. However, you will need to re-apply appropriate rust and corrosion protection after welding. Zinc makes an excellent undercoat for painting. We do not use a hot-dipped galvanizing process in order to avoid 'metal fume fever' or 'zinc poisoning' when welding. After 20 years and over 100,000 installations we have not had a single complaint in this regard. Be sure to follow standard welding guidelines and wear appropriate eye, face and body protection when welding.

#### Can I powder-coat my Shut-It® hinges?

Yes, except for the Self-Closing BadAss Hinge (Cl3850). Shut-It® hinges shipped from March 1, 2019 onward use special sealed ball-bearings with grease and seals that are specifically formulated to withstand the temperatures encountered in a powder-coating line. Although it is no longer necessary to remove the bearings from the hinges, it is still necessary to shield the bearings and interior surfaces of the hinge from pre-treatment sand blasting and powder-coat particles, as these may cause binding or premature wear. The self-closing hinge (Cl3850) cannot be powder-coated due to additional components that will be negatively affected by the powder-coating process.

I want to use your stainless steel hinges for a stainless steel gate, but the fence post will be mild steel. Any suggestions on proper welding techniques?

For welding stainless steel hinges to mild steel gates and posts we recommend using type 309 (23 12L to BS EN 12072) welding rods or wire. This is should help avoid cracking in the weld dilution zone that can be a problem if normal rods or filler are used.

Unprotected welds subject to aggressive environments such as immersion in seawater could result in sacrificial corrosion to the less noble carbon steel part. However, post-weld surface coating repair would normally be needed for the carbon steel to 'restore' the corrosion protection.

If this re-coating/painting is allowed to lap over onto the weld bead then the joint should not be at risk to bimetallic corrosion in any environment so long as the coating is sound. Ideally the weld bead should be covered so that only the 'parent' stainless steel is exposed. This ensures that galvanic corrosion cells cannot be set up across the joint, where there is a composition 'gradient.'

#### What color zinc are your products finished with?

All zinc coatings have an additive called chromate that helps the zinc adhere to the metal's surface. Chromate comes in the following colors: yellow, black and blue. Shut-It uses blue chromate which actually looks clear, but if you look close enough it has a blue tint. All colors of zinc chromate perform equally.

# Does the hinge Load Rating mean it can permanently hold a gate that heavy?

No, a gate's overall load when opening and closing will vary based on many factors including gate weight, length and height of the gate, wind, people hanging on the gate, etc. You can expect the Load Rating on your hinges to be as much as twice the actual weight of your gate. Shut-It recommends you consult an engineer to assist in calculating your load ratings and there are many internet discussions on this subject that you may find useful.



# Powder-coated latches, hinges and accessories for wood gates

- Thicker gauge steel improves overall strength and durability
- Superior strength and appearance no rough edges
- Superior powder-coated finish (highly corrosion resistant)
- Fully treated screws included, with a proprietary, corrosion-resistant finish
- Screw heads have additional powder-coated weatherproofing
- Striker-bolt head prevents bolt from slipping through the latch
- Hinges will not bind (powder-coated before assembly)
- Patented polymer bearings and high-tech lubricants prevent binding





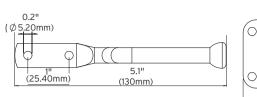
**5 YEAR ON SPRINGS** 

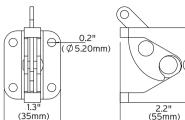
CODE MODEL / FEATURE		GATE MATERIAL	SOLD AS	
210001	Regular Gravity Latch	Wood / Vinyl	Single	
210002	Heavy Duty Gravity Latch	Wood / Vinyl	Single	
210007	HD Gravity Latch/Cable and O-ring	Wood / Vinyl Single		
210003	Standard Post Latch	Wood / Vinyl	Single	
210004	Thumb Latch	Wood / Vinyl Single		
210005	Side Bolt Latch	Wood / Vinyl Single		
210006	Contemporary Post Latch	Wood / Vinyl Single		
220001	Round Rail Loop latch	Wood	Single	
310001	8" T-Hinge Regular Decorative	Wood / Vinyl	Pair	
310002	8" Strap Hinge Regular Decorative	Wood / Vinyl	Single Hinge	
310003	10" T-Hinge Heavy Duty Traditional	Wood / Vinyl	Single Hinge	
310004	8" T-Hinge Heavy Duty Traditional	Wood / Vinyl	Pair	
310005	10" Strap Hinge Heavy Duty Traditional	Wood / Vinyl	Single Hinge	
310006	8" Strap Hinge HD Traditional	Wood / Vinyl	Single Hinge	
310007	8" T-Hinge Heavy Duty Contemporary	Wood / Vinyl	Pair	
310008	8" Strap Hinge Contemporary	Wood / Vinyl	Single Hinge	
310009	8" Butterfly Hinge Contemporary	Wood / Vinyl	Pair	
310010	8" Butterfly Hinge Traditional	Wood / Vinyl	Pair	
410001	11" Gate Spring	Wood / Vinyl	Single	
410002	14" Gate Spring	Wood / Vinyl	Single	
410003	24" Drop Bolt	Wood / Vinyl	Single	
410004	40" Drop Bolt	Wood / Vinyl	Single	
410005	Gate Handle	Wood / Vinyl	Single	
420001	Gate Anti-sag Kit	Wood	Single	

 $Customized\ wood\ gate\ hardware\ Kits\ available\ (USA\ only).\ Email: customers ervice @dd techusa.com\ for\ US\ pricing.$ 

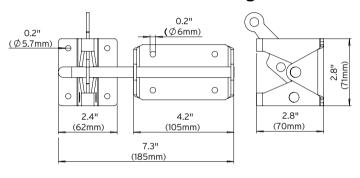
#### 210001 - Regular Gravity Latch





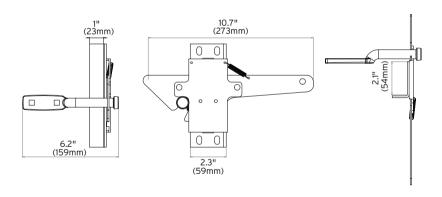


### 210002 – Heavy Duty Gravity Latch 210007 - With Cable and O-ring



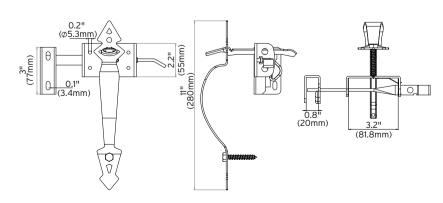
#### 210003 - Standard Post Latch





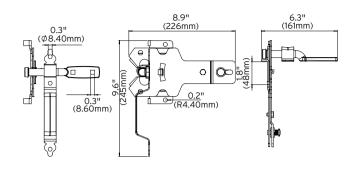
### 210004 - Thumb Latch



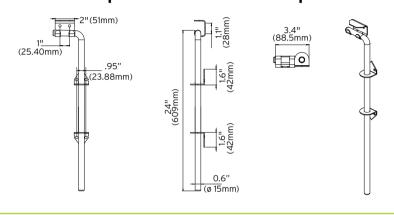


#### 210006 - Contemporary Post Latch



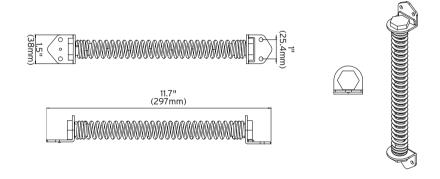


410003 - 24" Drop Bolt • 410004 - 40" Drop Bolt



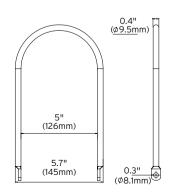


410001 - 11" Gate Spring • 410002 14" Gate Spring





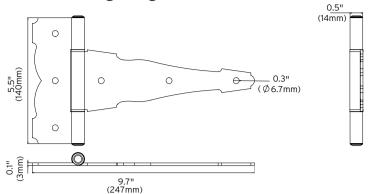
220001- Round Rail Loop latch • 420001- Anti-sag Kit



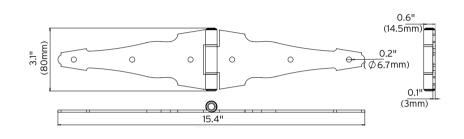


## 310001 - 8" T-Hinge Regular Decorative



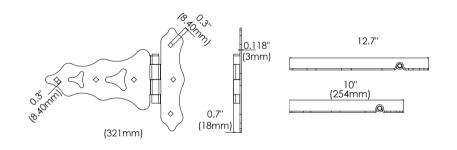


310002 - 8" Strap Hinge Regular Decorative



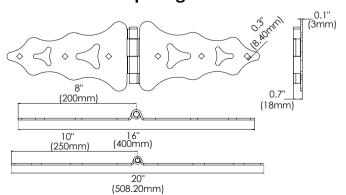


310003 - 10" T-Hinge HD Traditional 310004 - 8" T-Hinge HD Traditional



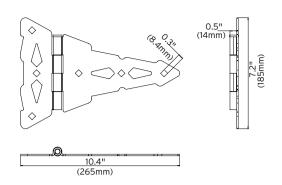


310005 - 10" Strap Hinge HD Traditional 310006 - 8" Strap Hinge HD Traditional

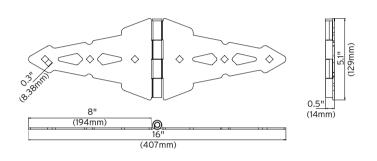


# 310007 - 8" T-Hinge HD Contemporary



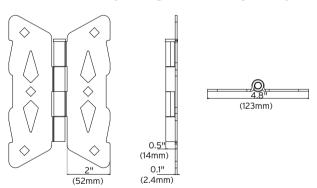


310008 - 8" Strap Hinge Contemporary



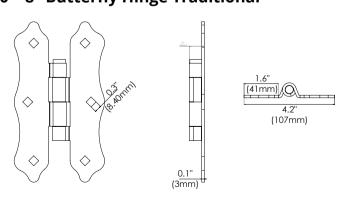


310009 - 8" Butterfly Hinge Contemporary





310010 - 8" Butterfly Hinge Traditional





# Fully powder-coated hinges and latches for vinyl gates

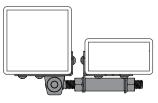






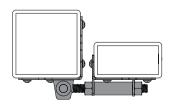
- D&D branded so you know you're getting the best!
- 100% marine-grade powder-coated finish (no unfinished surfaces)
- Self-closing, tension-adjustable hinges
- Regular and Heavy Duty models
- Non-spring versions available
- Standard and Narrow side-fixing legs
- Stainless steel screws + tension-adjustment tool included
- Horizontally adjustable
- Standard and contemporary post latches
- Latches accommodate most padlock sizes (padlock not included)

CODE	MODEL / FEATURE	SIDE FIXING LEGS	GAP VARIANCE	COLOR	FASTENERS INCLUDED	SOLD AS
DDSHDNNA	Heavy Duty Hinge – Self-closing, tension adjustable	Narrow to Narrow	½" − 1 ¾6" (16 − 30mm)	Black	Self-drilling 410 Stainless Steel	Pair
DDSHDSS	Heavy Duty Hinge – No spring, plain pivoting	Standard to Standard	½" – 2 ½" (16 – 60mm)	Black	Self-drilling 410 Stainless Steel	Pair
DDSHNNA	Regular Hinge – Self-closing, tension adjustable	Narrow to Narrow	½" − 1¾6" (16 − 30mm)	Black	Self-drilling 410 Stainless Steel	Pair
DDSHSN	Regular Hinge – No spring, plain pivoting	Standard to Narrow	%" – 1¾" (16 – 45mm)	Black	Self-drilling 410 Stainless Steel	Pair
DDSHSNA	Regular Hinge – Self-closing, tension adjustable	Standard to Narrow	½" − 1¾6" (16 − 30mm)	Black	Self-drilling 410 Stainless Steel	Pair
DDSHSS	Regular hinge – No Spring, plain pivoting	Standard to Standard	½" – 1¾" (16 – 45mm)	Black	Self-drilling 410 Stainless Steel	Pair
DDSHNW3A	Regular Hinge – Self-closing, tension adjustable	Narrow to Wrap 2"	½" – 1¾6" (16 – 30mm)	Black	Self-drilling 410 Stainless Steel	Pair
DDSL2	Standard Post Latch	Standard to Narrow	¾" – 1½" (19 – 38mm)	Black	Self-drilling 410 Stainless Steel	Each
DDSLM	Contemporary Post Latch	Standard to Narrow	³⁄4" – 2" (19 – 50mm)	Black	Self-drilling 410 Stainless Steel	Each



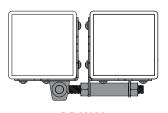
Narrow to Narrow

**DDSHNNA** 



**DDSHSNA** 

Standard to Narrow



**DDSHSS** 

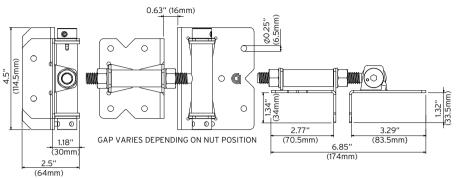
Standard to Standard



Standard to Narrow

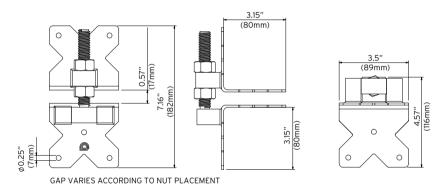
#### **DDSHDNNA** Heavy Duty Hinge. Self-closing, tension adjustable. Narrow to Narrow.





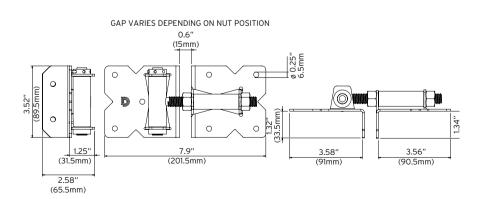
#### **DDSHDSS Heavy Duty Hinge.** No spring, plain pivoting. Standard to Standard.





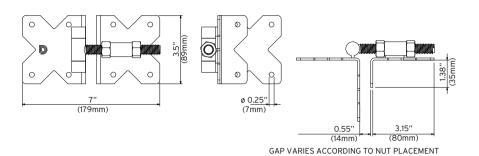
### **DDSHNNA** Regular Hinge. Self-closing, tension adjustable. Narrow to Narrow.





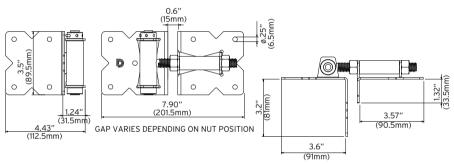
#### DDSHSN Regular Hinge. No spring, plain pivoting. Standard to Narrow.





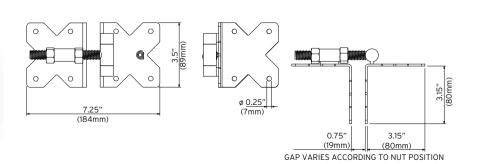
DDSHSNA Regular Hinge. Self-closing, tension adjustable. Standard to Narrow.





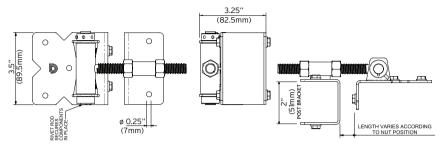
### DDSHSS Regular Hinge. No Spring, plain pivoting. Standard to Standard.





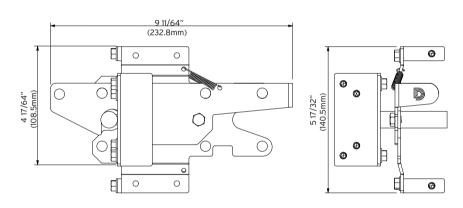
#### DDSHNW3A Regular Hinge. Self-closing, tension adjustable. Standard to 2" (51mm) Wrap-Around





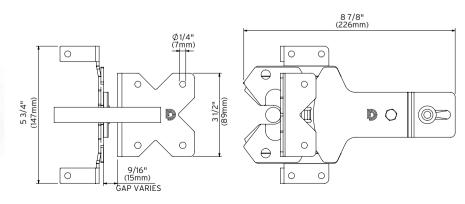
# DDSL2 Standard Post Latch. Standard to Narrow.





# DDSLM Contemporary Post Latch. Standard to Narrow.





World's most trusted gate hardware

#### **AUSTRALIA:**

D&D Technologies Pty Ltd
Unit 6, 4–6 Aquatic Drive, Frenchs Forest NSW 2086
Tel: (02) 9454 7888 Fax: (02) 9454 7688.
E-mail: sales@ddtech.com.au

#### **NORTH & SOUTH AMERICA:**

D&D Technologies (USA) Inc. 17531 Metzler Lane, Huntington Beach, CA 92647 Tel: (800) 716-0888 or (714) 677-1300 Fax: (800) 464-6400 or (714) 677-1299 E-mail: info@ddtechusa.com

#### **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