SIERRA PACIFIC
ENGINEERING AND PRODUCTS

Quality & Service Taken Personally®

ESOP 100% EMPLOYEE-OWNED ISO 9001 CERTIFIED

HINGES & INDUSTRIAL HARDWARE

600+ NEW PRODUCTS



ENGINEERING & DESIGN SERVICES

Conditions of Sale

Minimum Order
$150.00 minimum order is required for first purchase. Minimum is $50.00 thereafter.

Prices
Prices quoted or acknowledged are based on Sierra Pacific Engineering and Product's (SPEP's) current cost of material and labor.

Delivery
Delivery is subject to delays caused by strike, fire, flood, accident or any other cause beyond the control of SPEP, including delays in delivery of material to SPEP by third parties. Any shipment date specified shall be the date of shipment from SPEP's plant. Shipment dates given by order desk are estimates, unless otherwise indicated.

Will Calls
Will call orders are accepted, but must be called in or emailed first. Email notification will be sent when shipment is ready for pickup.

Tooling
Tooling and associated fixtures are held by SPEP for exclusive use of customer who paid for them. Tooling costs paid by Customers represent only a portion of our actual cost. Payment of tooling charges does not convey the right of Customer to remove tooling from our premises. SPEP shall maintain tooling at no charge to Customer, for as long as tooling remains active. Any tooling not used for period of two years shall be considered inactive. Any tooling changes requested by Customer after creation of tooling has begun, shall be at the additional expense of the Customer.

Toolmade Samples
For some items, SPEP will agree to (at time of order) provide a reasonable number of off tool samples which will be submitted to Customer for approval. In cases where such samples are made, production will not begin until Customer sends SPEP written approval of said samples.

Over/Under Runs
Unless otherwise specified, Customer agrees to accept over-run or under-run not exceeding 10% of quantities ordered.

Tolerances
In the absence of specific requirements which have been specified and agreed upon by SPEP, commercial tolerances and custom usage in manufacturing practices in the stamping industry shall be applicable.

Changes
Changes requested by Customer after production has commenced will convert the order to a time and cost of materials basis unless SPEP and Customer have agreed in writing to a revision of price to reflect the cost resulting from such changes. No changes may be made without SPEP's prior written authorization.

Extra Charges
Extra charges will be made for work performed by SPEP if the same is not included in SPEP's quotation and is not shown on Customer's blueprints or specifications upon which SPEP's quotation was submitted.

Errors
SPEP reserves the right to modify items in the catalog at any time. Clerical errors are subject to correction at any time.

Designs
SPEP will not be responsible for product performance where the product is manufactured in accordance with Customer's design, prints or specifications.

Payments
SPEP standard payment term is Net 30, or Net 10 if paying by credit card. Any deviation from that must be mutually agreed upon in advance. SPEP reserves the right to suspend production at any time and to withhold deliveries of any or all goods ordered if any payment to be made by Customer has not been made promptly as agreed.

Blanket Orders
All blanket orders must be accepted within 12 months following receipt of the first shipment.

Transportation
In the absence of specific shipping instructions, SPEP will use its own discretion in choice of method of transportation and carrier. SPEP assumes no responsibility for insuring shipments unless specified by Customer, in which event such insurance shall be based on Customer's valuation and at Customer's expense. All claims for damage and loss, whether apparent or concealed, shall be filed by Customer with the carrier. SPEP assumes no responsibility for any such damage or loss. SPEP assumes no responsibility for transportation delays. Shortages and/or damage must be noted at time of delivery.

Cancellation
Any order placed with and accepted by SPEP may be canceled only with the written consent of SPEP, upon payment of all expenses already incurred on the order by SPEP prior to the effective date of cancellation.

Patents
It is not the intention of SPEP to knowingly manufacture any product which infringes on any patent. Parts are made by SPEP strictly in accordance with specifications furnished by Customer or commercial standards of the stamping industry. Customer will indemnify SPEP and hold it harmless from any and all damages and expenses, including reasonable attorney's fees, involved in any claim for infringement of patents by reason of the use or sale of parts made by SPEP, whether used separately or as part of a larger unit or complete entity.

Attorney Fee Clause
If either party files any action or brings any proceeding against the other arising under these conditions of sale, then the prevailing party shall be entitled to recover as an element of costs of suit, reasonable attorney's fees to be fixed by the court.

Limited Warranty
SPEP warrants that its products purchased under these conditions of sale shall be in accordance with SPEP's specifications and free from defects in material and workmanship for a period of 120 days from the date of delivery to Customer. Products which are thought to be defective will be accepted only upon the prior approval of SPEP and the issuance of an R.M.A. number. SPEP reserves the right to inspect products prior to issuing an R.M.A. If products are found to be defective, products will be returned at SPEP's cost for replacement or refund. This warranty does not apply to products which have been subject to alteration, improper use, accident, negligence, abuse, misuse, improper installation, wear or deterioration due to environmental conditions or failure to adhere to SPEP instructions. SPEP does not assume, nor shall it be responsible for, the cost of removal and/or re-installation of the products, the cost of returning any products for repair or replacement except as set forth above, or any other incidental costs which may arise as a result of any defect. **THIS WARRANTY IS EXPRESSLY GIVEN IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY OF ANY KIND AND IS IN LIEU OF ANY IMPLIED WARRANTY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. SPEP SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE DIRECTLY OR INDIRECTLY ARISING FROM THE PRODUCTS FOR ANY REASON INCLUDING DAMAGES RESULTING FROM DEFECTIVE DESIGN, MATERIALS OR WORKMANSHIP OR FROM FAULTY INSTRUCTIONS OR OTHER SUCH DAMAGES OR CLAIMS OR REALIZED FROM BREACH OF CONTRACT, IN TORT OR THROUGH PRODUCT LIABILITY OR OTHERWISE.**

Return Policy
If returns are necessitated due to errors of SPEP, the customer must obtain an R.M.A. from SPEP and upon issuance of an R.M.A., the products may be returned at SPEP's cost for a refund or credit. In cases of customer error, only current catalog items in perfect condition will be considered for credit within 30 days from the original purchase date. In such cases, Customer must obtain prior approval of SPEP, an R.M.A., prepay freight, and pay a twenty percent (20%) restocking charge subject to a minimum of twenty dollars ($20.00). Special order items are not returnable unless found to be defective. Please refer to the SPEP limited warranty above for terms and conditions relating to returns necessitated by defective products.

Additional Terms
No terms or stipulations, other than those herein provided, shall apply unless agreed to in writing by SPEP and Customer. Interest at 10% per annum will be charged on all past due accounts.

2019 Edition

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ESOP 100% EMPLOYEE-OWNED ISO 9001

Quality and Service Taken Personally®

CELEBRATING 33 YEARS IN THE BUSINESS EST. 1986



Texas Facility
Lancaster, TX



Corporate Headquarters
4041 Via Oro Avenue Long Beach, CA 90810



Illinois Facility
Bolingbrook, IL

Quality Policy

It is the policy of Sierra Pacific Engineering and Products to meet and exceed our customers' requirements in a consistent fashion by providing the highest quality products in the industry while making a reasonable profit. This policy is fully supported by a highly trained and skilled work force empowered to contribute actively to our continual improvement program and by a quality system in full compliance with the ISO 9001 quality standard. Furthermore, we pledge our commitment to maintaining safe and environmentally friendly working conditions as a responsible member of our community within which our business prospers and our employees reside.

Value

Hi-tech manufacturing processes facilitate extremely competitive pricing. We are rarely undersold.

Service

Sierra Pacific Engineering and Products is a 100% employee owned "ESOP" company. As owners, everyone is dedicated to the concept that our customers are our most valuable resource. We strive to serve our customers as we would want to be served.

Innovation

Our engineering team is constantly developing new products which lead our industry. Cost reduction and product improvement are perpetual goals. In addition to the items found in this catalog, we also supply "custom hardware" to many of our customers. Our CAD, FEA and FDM prototype machine are some of the tools we use to overcome many of the obstacles encountered when developing a new product from concept to production. We are interested in working with you on specially designed items and/or modifications of our catalog items.

General Guidelines

- **Performance and Application**

  Sierra Pacific Engineering and Products is a high quality and competitive supplier of hinges and industrial hardware. The products we supply have gone through rigorous quality checking and testing and should only be used as they were intended. Being that environment and application conditions may differ for each of our customers, it is up to the customer to determine if the product is correct for their application by using our recommendations as guidelines and conducting their own testing to insure that the product is correct for their intended use and application.

  The products we supply have been tested under normal general conditions, unless otherwise specified, and results should not be taken as safe to use for all varying extreme conditions. If there are certain custom specifications you need, give us a call and we will do all we can to accommodate your needs.

- **Continual Improvement**

  The products shown in this catalog are subject to change at any time without notice due to ongoing improvements in order to achieve the best possible quality. Furthermore, design, materials, finishes, specifications, and dimensions are part of these changes.

  Please confirm all necessary characteristics are correct prior to your purchase.

- **Catalog Dimensional Drawings**

  All dimensions in this catalog are for reference only and are shown to help the customer make a better informed decision. When you find what you are looking for, please contact us to verify your selection and make sure you are completely satisfied with your purchase.

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Units of Measurement

Please note: measurement units are inches with metric coversion displayed inside [ ]

- money saver
- 316SS material
- UL rated
- UV stabilizers
- meets NEMA 4 enclosure requirement
- meets NEMA 4X enclosure requirement
- meets NEMA 12 enclosure requirement
- meets IP64 enclosure requirement
- meets IP65 enclosure requirement
- meets IP66 enclosure requirement
- patented design
- patent pending
- meets ADA requirements

Pulls & Knobs

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Handles

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Latches

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Quarter-turn Cam Latches



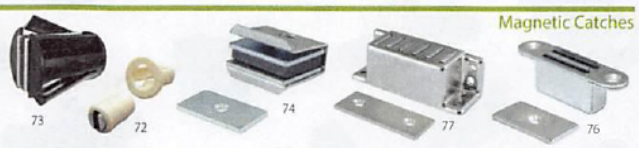
Slam Latches



Recessed Latches



Magnetic Catches



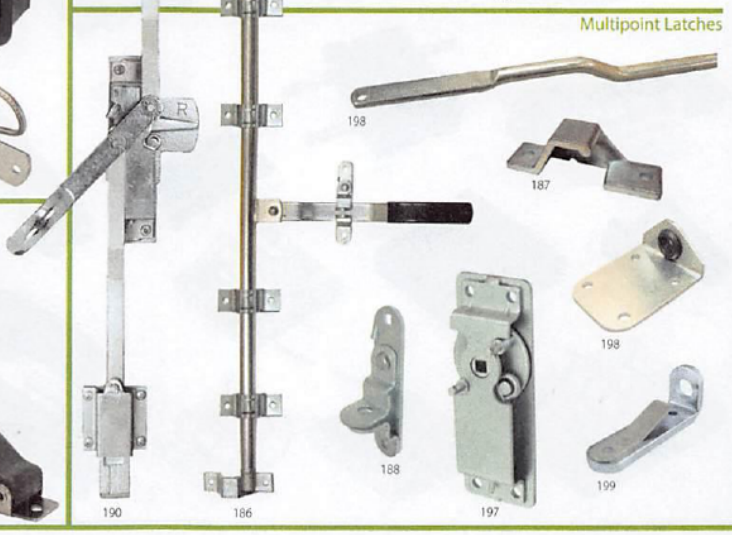
Bolt Latches



Compression Latches



Multipoint Latches

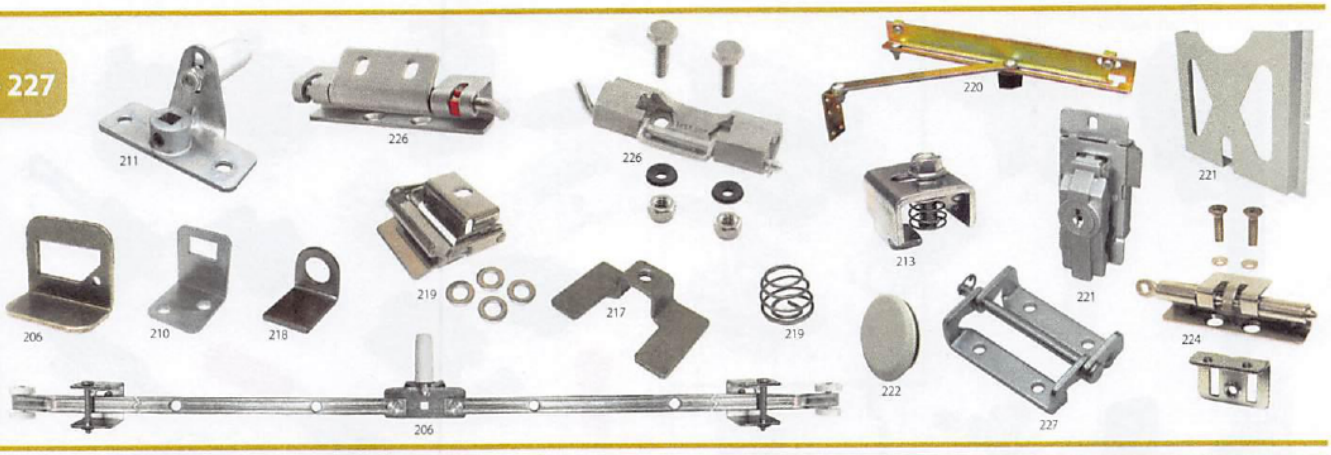


Draw Latches



NEMA & JIC

206 - 227

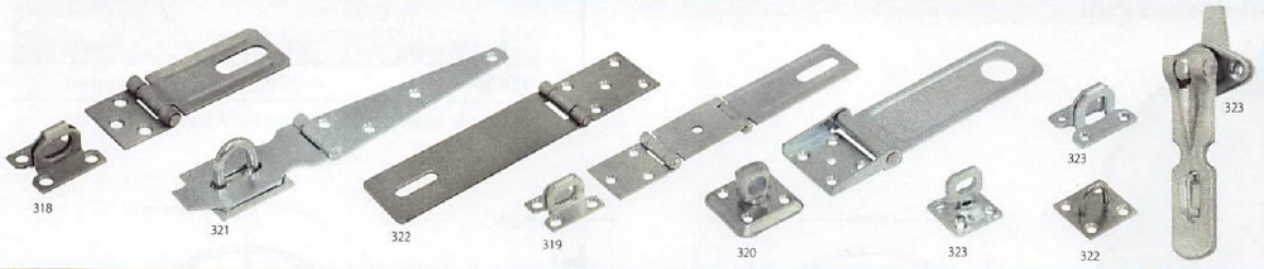


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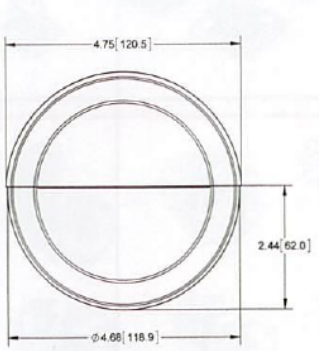


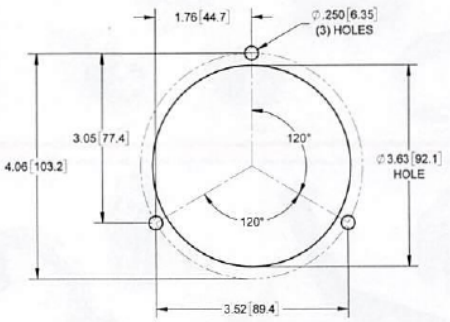
Flush Round Pocket Pull



Part Number	Material	Finish
J3006	304SS	brushed

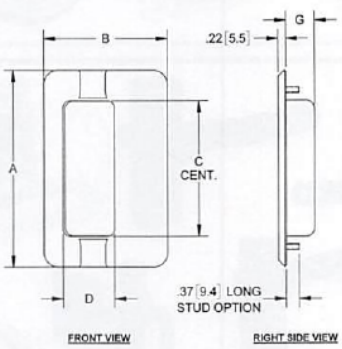
- handle edge is hemmed for a more comfortable grip





Flush Pocket Pulls






stud mounting


nut mounting

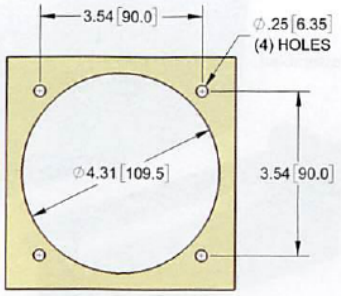
Part No.	Mounting	A	B	C	D	E	F	G	H	J
J3008-1	studs	5.43 [138.0]	3.46 [88.0]	3.74 [95.0]	1.44 [36.5]	4.331 [110.00]	2.559 [65.00]	.81 [20.5]	3.90 [99.0]	2.52 [64.0]
J3008-2	studs	4.37 [111.0]	2.54 [64.5]	2.76 [70.0]	1.10 [28.0]	3.465 [88.00]	1.496 [38.00]	.57 [14.5]	2.87 [73.0]	1.65 [42.0]
J3008-3	studs	3.70 [94.0]	2.36 [60.0]	2.36 [60.0]	1.10 [28.0]	2.992 [76.00]	1.260 [32.00]	.47 [12.0]	2.48 [63.0]	1.69 [43.0]
J3009-1	nuts	5.43 [138.0]	3.46 [88.0]	3.74 [95.0]	1.44 [36.5]	4.331 [110.00]	2.559 [65.00]	.81 [20.5]	3.90 [99.0]	2.52 [64.0]
J3009-2	nuts	4.37 [111.0]	2.54 [64.5]	2.76 [70.0]	1.10 [28.0]	3.465 [88.00]	1.496 [38.00]	.57 [14.5]	2.87 [73.0]	1.65 [42.0]
J3009-3	nuts	3.70 [94.0]	2.36 [60.0]	2.36 [60.0]	1.10 [28.0]	2.992 [76.00]	1.260 [32.00]	.47 [12.0]	2.48 [63.0]	1.69 [43.0]

- material: 304SS
- finish: brushed

NEW Steel Pocket Pull

Part Number	Material	Finish
J3005BK	steel	black e-coated

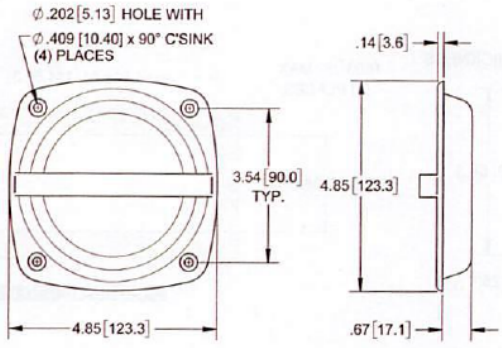
- black PVC gasket available as part no. **J3005G**



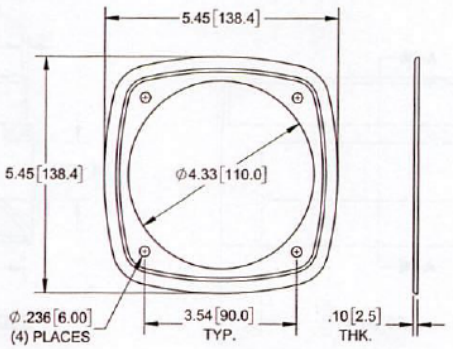
MOUNTING DIMENSIONS



pocket pull and gasket assembled



J3005BK
PULL

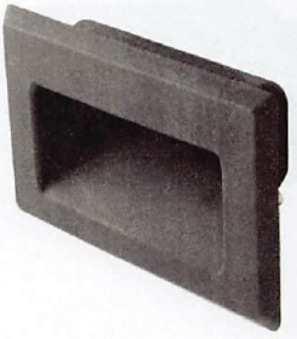


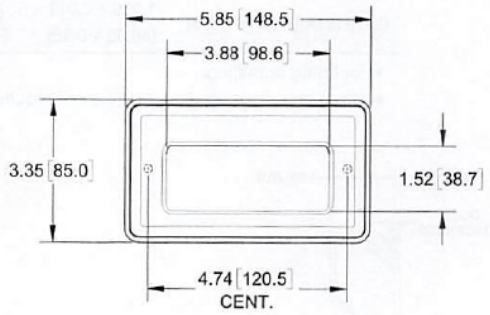
J3005G
GASKET

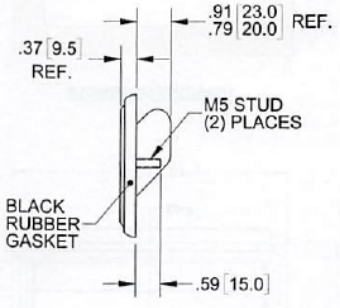
NEW Flush Plastic Pocket Pull

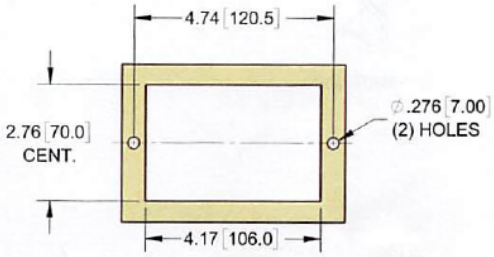
Part Number	Mounting	Material	Finish
J3001P	304SS studs	glass reinforced plastic	black textured

- includes black rubber gasket



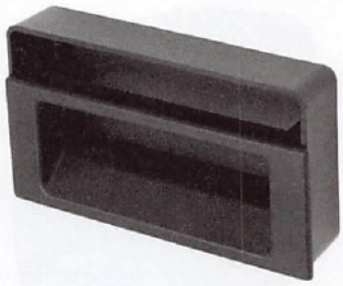


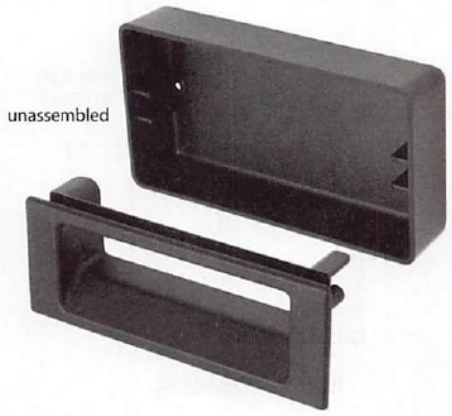




MOUNTING DIMENSIONS

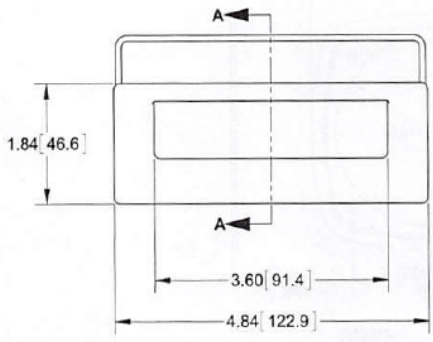
Flush Pocket Pulls

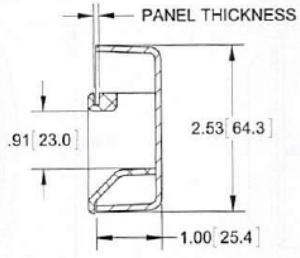




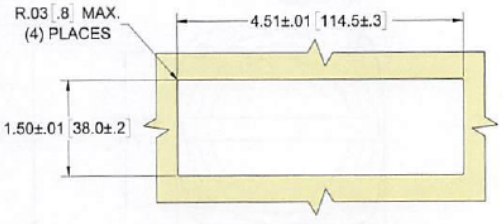
Part Number	Material	Finish	Min. Panel Thickness	Max. Panel Thickness
92-01	ABS	black textured	.04 [1.0]	.07 [1.8]
92-02			.07 [1.8]	.13 [3.3]
92-03			.13 [3.3]	.19 [4.8]
92-04			.19 [4.8]	.25 [6.3]

- for lifting or pulling
- includes (2) self-tapping screws



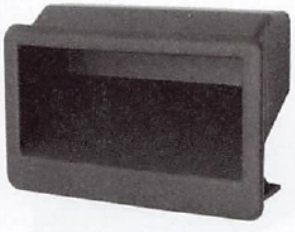


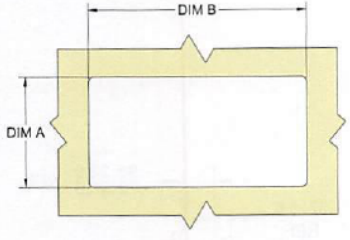
SECTION A-A



MOUNTING DIMENSIONS

Large Plastic Pocket Pull



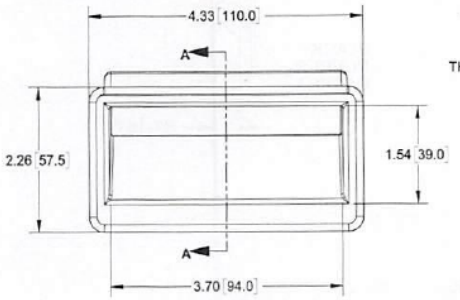


MOUNTING DIMENSIONS

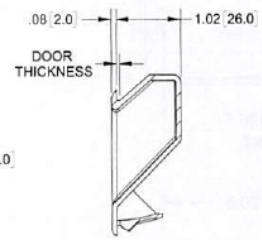
Part No.	Material	Finish
93-01	glass reinforced plastic	black textured

Door Thickness	Panel Cut-out	
	Dim A	Dim B
0.059 [1.50] - .079 [2.00]	1.960 + 0.007 [49.80 + 0.20]	3.937 - 0.019 [100.00 - 0.50]
0.079 [2.00] - 0.118 [3.00]	1.968 + 0.011 [50.00 + 0.30]	3.937 - 0.019 [100.00 - 0.50]

- for lifting or pulling
- snaps into place and fasteners are not required



FRONT VIEW



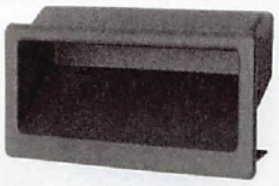
SECTION A-A

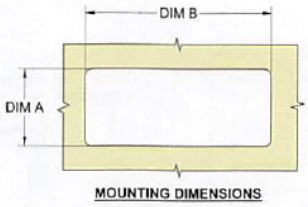
Small Plastic Pocket Pull

Part No.	Material	Finish
93-02	glass reinforced plastic	black textured

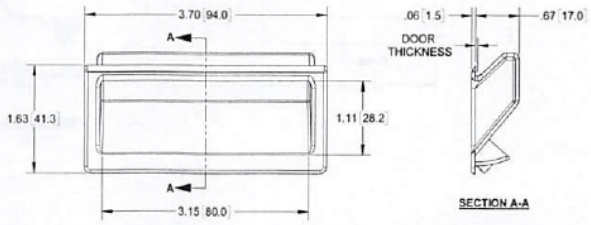
Door Thickness	Panel Cut-out	
	Dim A	Dim B
0.030 [0.75] - 0.039 [1.00]	1.377 + 0.007 [35.00 + 0.20]	3.346 + 0.011 [85.00 + 0.30]
0.039 [1.00] - 0.078 [2.00]	1.417 + 0.007 [36.00 + 0.20]	3.346 + 0.011 [85.00 + 0.30]

- for lifting or pulling
- snaps into place and fasteners are not required





MOUNTING DIMENSIONS

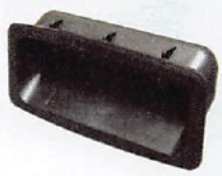


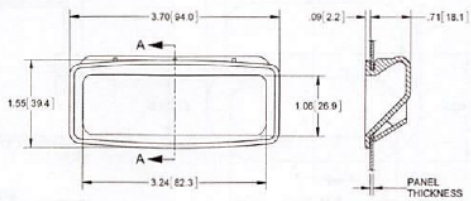
FRONT VIEW
SECTION A-A

Flush Pocket Pulls

Part Number	Panel Thickness	Material	Finish
91-09BK02	.040-.055 [1.02-1.40]	ABS	black, textured
91-10BK02	.055-.070 [1.40-1.78]	ABS	
91-11BK	.070-.085 [1.78-2.16]	ABS	
91-12BK	.085-.100 [2.16-2.54]	ABS	

- for lifting or pulling
- snap-in installation
- UL 94-HB rated
- **cut-out:** 3.45 ±.01 [87.6 ±.3] x 1.210 ±.005 [30.7 ±.13] with R.06 [1.5] corners





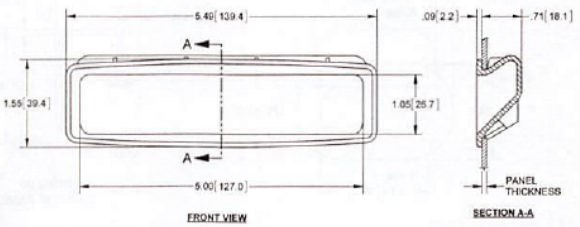
FRONT VIEW
SECTION A-A

Flush Pocket Pulls

Part Number	Panel Thickness	Material	Finish
91-19BK02	.040-.055 [1.02-1.40]	ABS	black, textured
91-20BK02	.055-.070 [1.40-1.78]	ABS	
91-21BK	.070-.085 [1.78-2.16]	ABS	
91-22BK	.085-.100 [2.16-2.54]	ABS	

- for lifting or pulling
- snap-in installation
- UL 94-HB rated
- **cut-out:** 5.20 ±.01 [132.1 ±.3] x 1.210 ±.005 [30.7 ±.13] with R.06 [1.5] corners





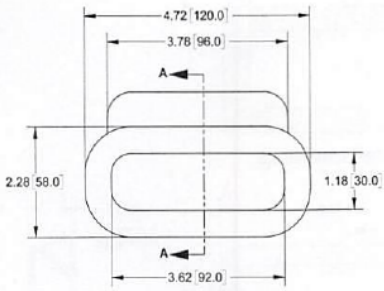
FRONT VIEW
SECTION A-A

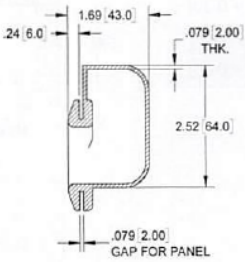
Flexible Flush Pulls



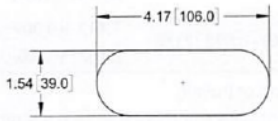
Part Number	Material	Finish
94-01	rubber	beige
94BK-01	rubber	black

- snaps into place and fasteners are not required





SECTION A-A



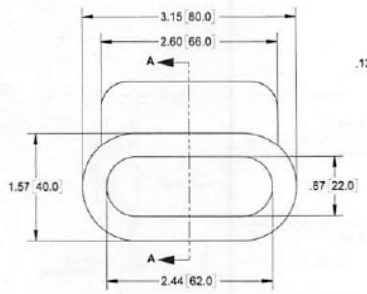
MOUNTING DIMENSIONS

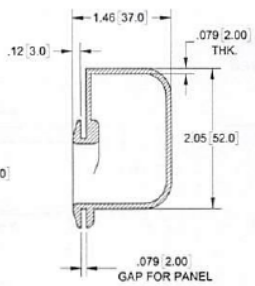
Flexible Flush Pulls



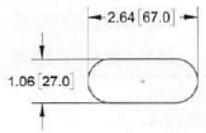
Part Number	Material	Finish
94-02	rubber	beige
94BK-02	rubber	black

- snaps into place and fasteners are not required





SECTION A-A



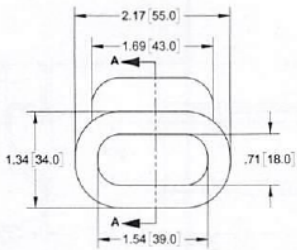
MOUNTING DIMENSIONS

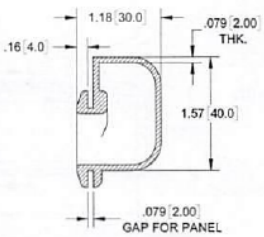
Flexible Flush Pulls



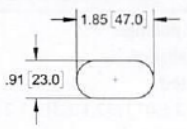
Part Number	Material	Finish
94-03	rubber	beige
94BK-03	rubber	black

- snaps into place and fasteners are not required





SECTION A-A

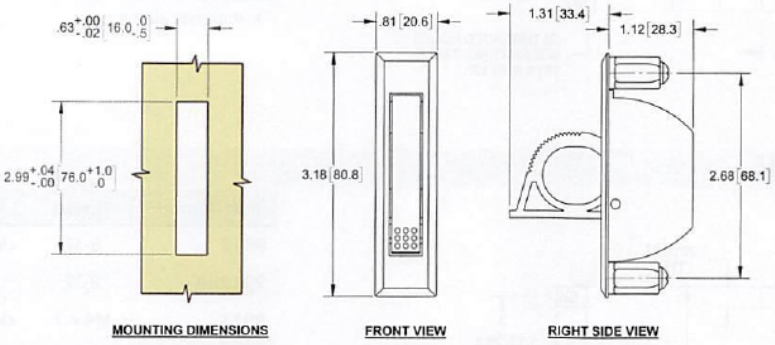


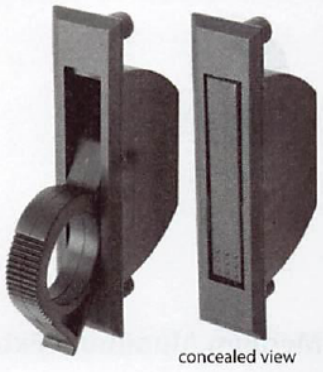
MOUNTING DIMENSIONS

Concealed Pull Assembly

Part Number	Material	Finish
91-01	glass reinforced plastic	black

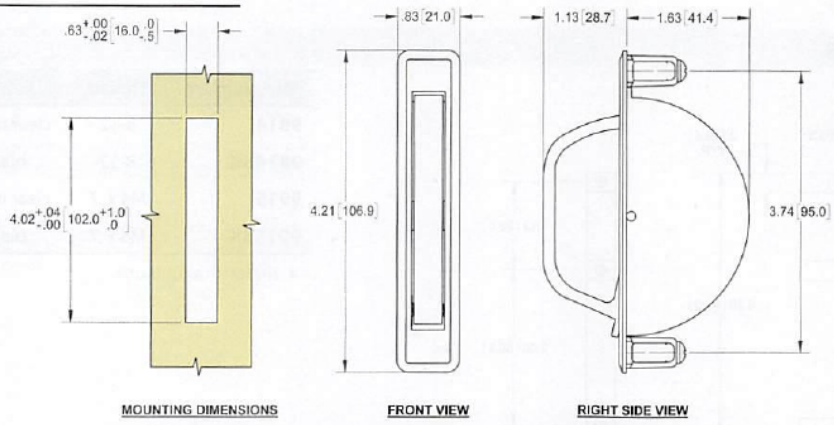
- flush mounting for up to .25 [6.35] door thickness

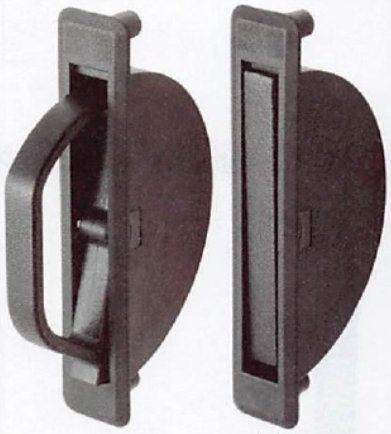




Concealed Pull Assembly

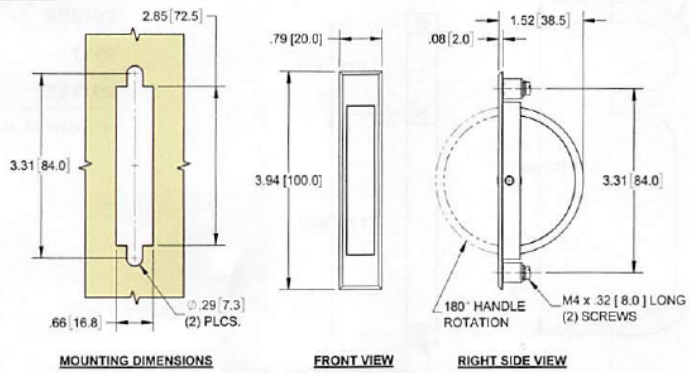
Part Number	Material		Finish
	Handle	Housing	
91-02	die cast zinc	plastic	black





Concealed Pull Assembly

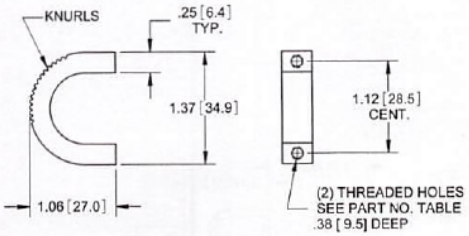
Part Number	Material	Finish
91-03	die cast zinc	grey powder coated
91-03BK	die cast zinc	black powder coated





Small Aluminum Extruded Pulls



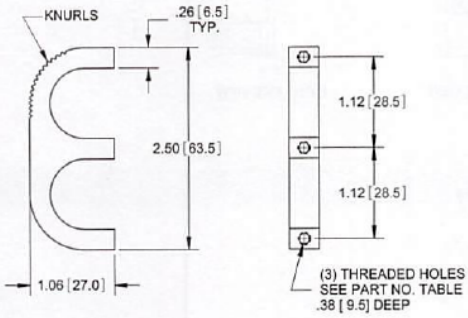


Part Number	Thread	Finish
9910	8-32	clear matte anodized
9910BK	8-32	black anodized
9911	M4 x .7	clear matte anodized
9911BK	M4 x .7	black anodized

- material: aluminum

Medium Aluminum Extruded Pulls



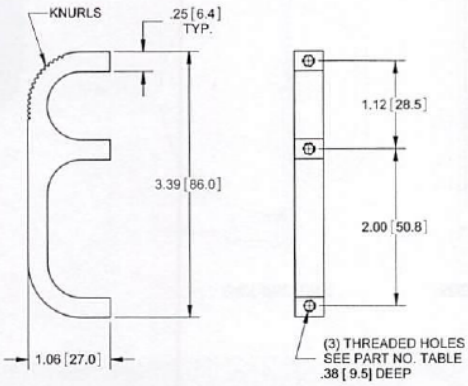


Part Number	Thread	Finish
9912	8-32	clear matte anodized
9912BK	8-32	black anodized
9913	M4 x .7	clear matte anodized
9913BK	M4 x .7	black anodized

- material: aluminum

Large Aluminum Extruded Pulls



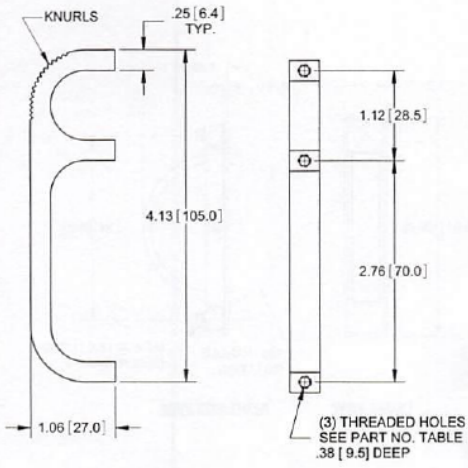


Part Number	Thread	Finish
9914	8-32	clear matte anodized
9914BK	8-32	black anodized
9915	M4 x .7	clear matte anodized
9915BK	M4 x .7	black anodized

- material: aluminum

Extra Large Aluminum Extruded Pulls



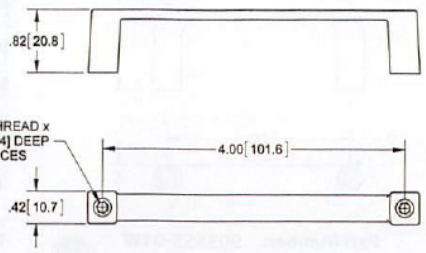


Part Number	Thread	Finish
9916	8-32	clear matte anodized
9916BK	8-32	black anodized
9917	M4 x .7	clear matte anodized
9917BK	M4 x .7	black anodized

- material: aluminum

Die Cast Zinc Pull

Part Number	Material	Finish
976	die cast zinc	polished chrome plated

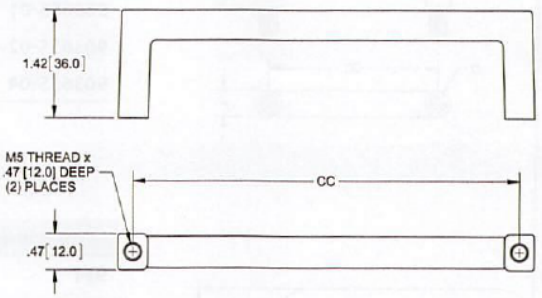




Die Cast Zinc Pulls

Part Number	Finish	CC
997	satin chrome plated	3.15 [80.0]
997BK	black painted	3.15 [80.0]
997-01	satin chrome plated	5.12 [130.0]
997BK-01	black painted	5.12 [130.0]
997-02	satin chrome plated	7.09 [180.1]
997BK-02	black painted	7.09 [180.1]

- material: die cast zinc

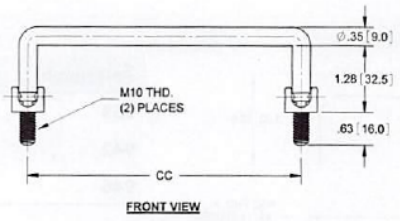




Steel, Chrome Plated Wire Handles

Part Number	CC
935-01	3.54 [90.0]
935-02	3.94 [100.0]
935-03	4.69 [119.0]
935-04	5.32 [135.0]
935-05	5.87 [149.0]
935-06	6.10 [155.0]
935-07	6.30 [160.0]

- material: steel
- finish: chrome plated
- (2) chrome plated washers
- (2) chrome plated nuts

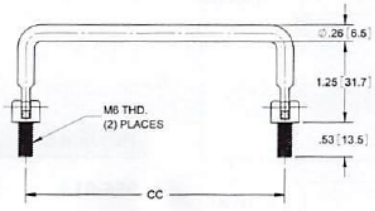




Steel, Black Powder Coated Wire Handle

Part Number	CC
933	4.00 [101.6]

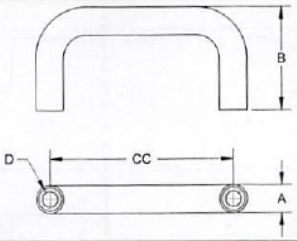
- material: steel
- finish: black powder coated
- (2) black powder coated nuts





Stainless Steel Wire Pulls





Part Number	CC	A	B	D
9035SS-01	.787 [20.00]	Ø.157 [4.00]	.86 [22.0]	M2.6 THD.
9035SS-02	1.574 [40.00]	Ø.236 [6.00]	.86 [22.0]	M4 THD.
9035SS-04	3.149 [80.00]	Ø.236 [6.00]	1.18[30.0]	M4 THD.

- material: 303SS
- finish: polished

Pull Bases

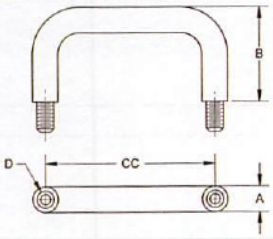
Part Number: 9035SS-01W
For Ø.157 [4.00] Pull



Part Number: 9035SS-02W
For Ø.236 [6.00] Pull



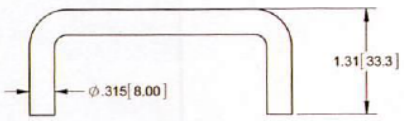




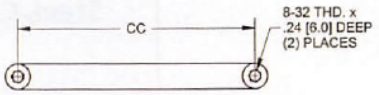
Part Number	CC	A	B	D
9036SS-01	.787 [20.00]	Ø.157 [4.00]	.86 [22.0]	M2.6 THD.
9036SS-02	1.574 [40.00]	Ø.236 [6.00]	.86 [22.0]	M4 THD.
9036SS-04	3.149 [80.00]	Ø.236 [6.00]	1.18 [30.0]	M4 THD.

Brass Wire Pulls









Brass Wire Pulls

Part Number	CC	Material	Finish
951	3.00 [76.2]	solid brass	polished & lacquered
941 ‡	3.50 [88.9]	solid brass	
948	4.00 [101.6]	solid brass	

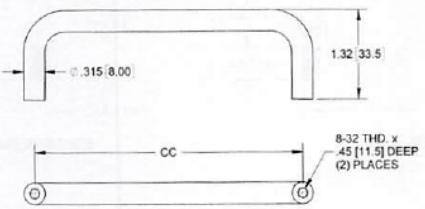
‡ non-stock

Chrome Plated Wire Pulls

Part Number	CC	Material	Finish
952	3.00 [76.2]	solid brass	chrome plated
940	3.50 [88.9]	solid brass	
944	4.00 [101.6]	solid brass	

Satin Aluminum Wire Pulls

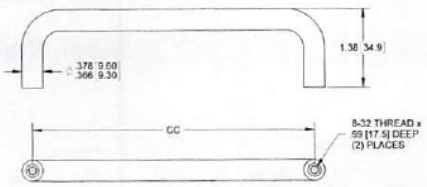




Part Number	CC	Material	Finish
953	3.00 [76.2]	aluminum	satin aluminum
942	3.50 [88.9]	aluminum	
946	4.00 [101.6]	aluminum	

Satin White Aluminum Wire Pulls



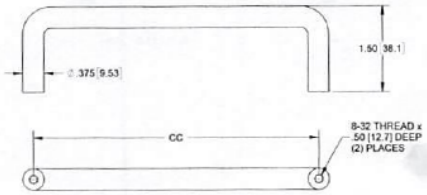


Part Number	CC	Material	Finish
939	5.00 [127.0]	aluminum	satin white anodized
939-01 ‡	8.84 [224.5]	aluminum	

‡ non-stock

Tall Brass Wire Pull





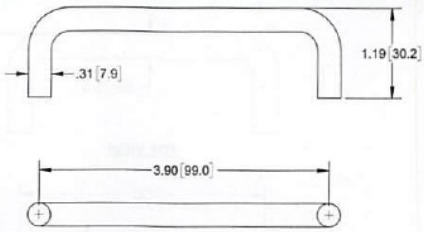
Part Number	CC	Material	Finish
954-01 ‡	5.00 [127.0]	solid brass	polished chrome plated

‡ non-stock

Stainless Steel Wire Pull

Part Number	CC	Material	Finish
945	3.90 [99.1]	304SS	mill

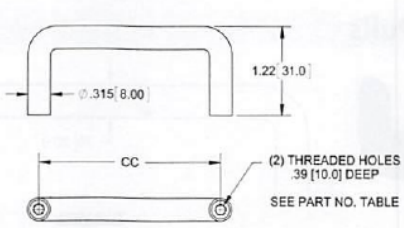
▸ this handle has **no** mounting holes





Wire Pulls

Part Number	CC	Material	Finish	Thread Size
903BK	1.18 [30.00]	aluminum	black anodized	8-32
904BK	2.52 [64.00]			
905BK	3.78 [96.00]			
906BK	5.04 [128.00]			
903BK-01	1.18 [30.00]	aluminum	black anodized	M4 X 0.7
904BK-01	2.52 [64.00]			
905BK-01	3.78 [96.00]			
906BK-01	5.04 [128.00]			
903	1.18 [30.00]	aluminum	clear anodized	8-32
904	2.52 [64.00]			
905	3.78 [96.00]			
906	5.04 [128.00]			
903-01	1.18 [30.00]	aluminum	clear anodized	M4 X 0.7
904-01	2.52 [64.00]			
905-01	3.78 [96.00]			
906-01	5.04 [128.00]			
903CH	1.18 [30.00]	steel	chrome plated	8-32
904CH	2.52 [64.00]			
905CH	3.78 [96.00]			
906CH	5.04 [128.00]			
903CH-01	1.18 [30.00]	steel	chrome plated	M4 X 0.7
904CH-01	2.52 [64.00]			
905CH-01	3.78 [96.00]			
906CH-01	5.04 [128.00]			
903ZN	1.18 [30.00]	steel	zinc plated	8-32
904ZN	2.52 [64.00]			
905ZN	3.78 [96.00]			
906ZN	5.04 [128.00]			
903ZN-01	1.18 [30.00]	steel	zinc plated	M4 X 0.7
904ZN-01	2.52 [64.00]			
905ZN-01	3.78 [96.00]			
906ZN-01	5.04 [128.00]			
903SS	1.18 [30.00]	304SS	passivated	8-32
904SS	2.52 [64.00]			
905SS	3.78 [96.00]			
906SS	5.04 [128.00]			
903SS-01	1.18 [30.00]	304SS	passivated	M4 X 0.7
904SS-01	2.52 [64.00]			
905SS-01	3.78 [96.00]			
906SS-01	5.04 [128.00]			





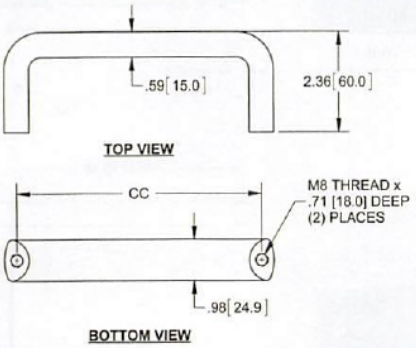






Small Aluminum Extruded Pulls



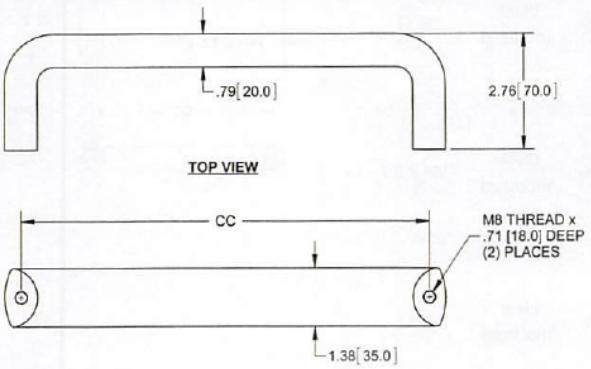


Part Number	CC
966BK	5.04 [128.0]
966BK-01	5.91 [150.0]
966BK-02	7.56 [192.0]

- material: aluminum
- finish: black powder coated

Large Aluminum Extruded Pulls



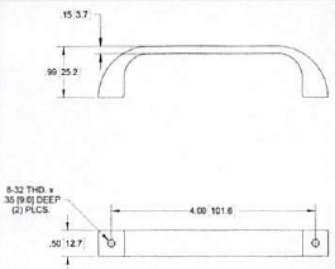


Part Number	CC
967BK	9.84 [250.0]
967BK-01	11.81 [300.0]
967BK-02	15.75 [400.0]
967BK-03	19.69 [500.0]
967BK-04	23.62 [600.0]

- material: aluminum
- finish: black powder coated

Aluminum Pulls

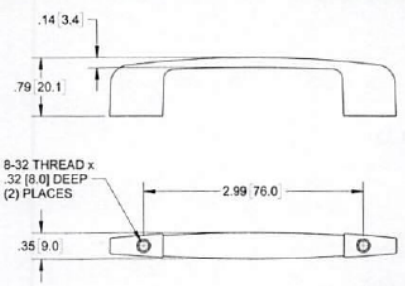




Part Number	Material	Finish
960	solid aluminum	brushed, lacquered
960BK	solid aluminum	matte black powder coated

Die Cast Zinc Pull

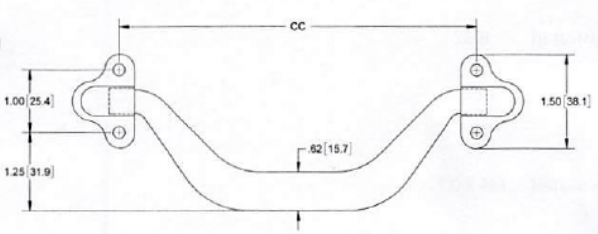




Part Number	Material	Finish
975	die cast zinc	polished chrome plated

Hollow Chest Handles



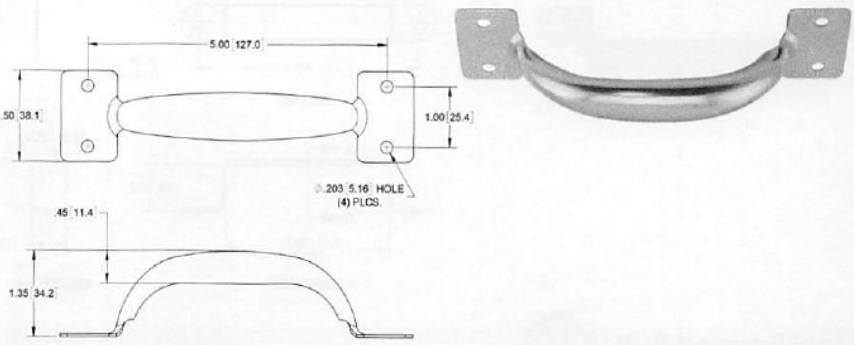


Part No.	Holes	Finish	CC
930	none	mill	6.00 [152.4]
932	Ø.192 [4.88] (4) holes	mill	6.00 [152.4]
934	none	nickel	6.00 [152.4]
936	Ø.192 [4.88] (4) holes	nickel	5.75 [146.05]

- .025 [.64] thick steel

Formed Pull

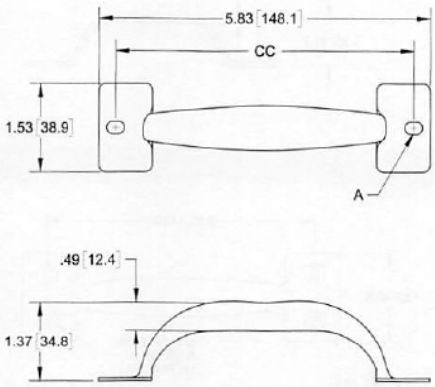
Part Number	Material	Finish
920-04	steel	zinc plated



Formed Pulls

Part Number	A	Material	Finish	CC
920	none	steel	mill	5.25 [133.4]
920-01	Ø.260 [6.60] (2) holes	steel	mill	5.125 [130.2]
920-02	.312 [7.92] x .218 [5.54] (2) obrounds	steel	mill	5.25 [133.4]
921	none	304SS	electropolished	5.25 [133.4]
921-01	.312 [7.92] x .218 [5.54] (2) obrounds	304SS	electropolished	5.25 [133.4]
922	Ø.161 [4.09] (4) holes	steel	mill	5.25 [133.4]
924	Ø.161 [4.09] (4) holes	steel	nickel plated	5.25 [133.4]

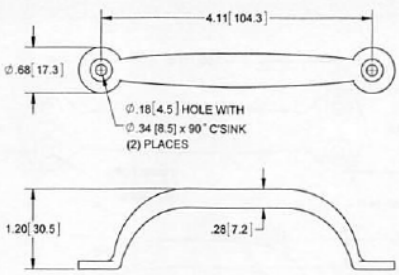




Formed Pull

Part Number	Material	Finish
911ZN	steel	zinc plated

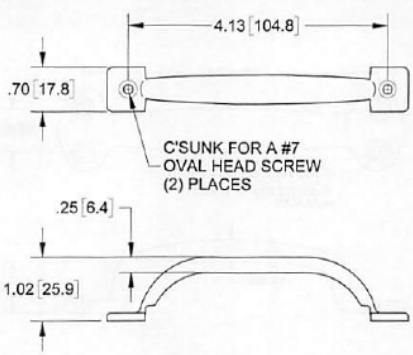




Formed Pulls

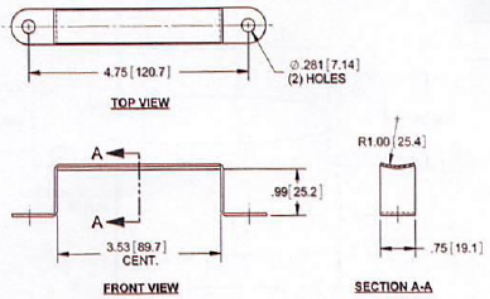
Part Number	Material	Finish
914	steel	zinc plated
915	steel	brass plated, lacquered





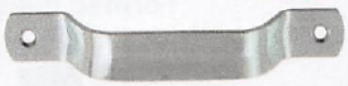
Formed Pulls

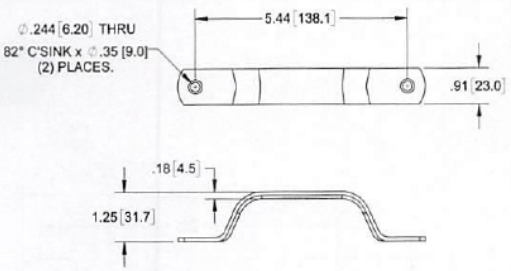




Part Number	Material	Finish
J3126	galvanized steel	mill
J3126SS	304SS	mill

Steel Formed Pull NEW

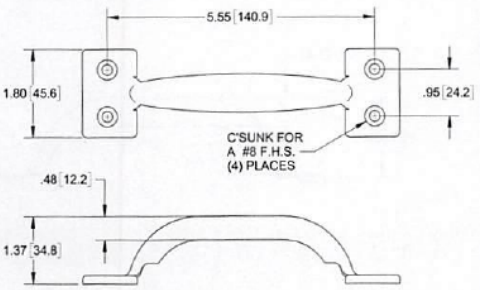




Part Number	Material	Finish
J3129	steel	zinc plated

Formed Pulls

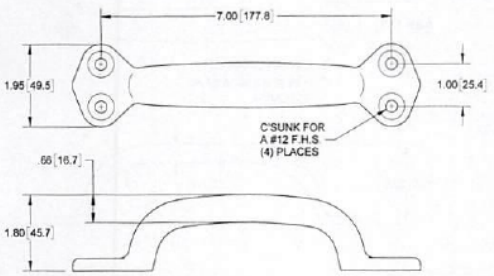




Part Number	Material	Finish	Hole Size
917	steel	zinc plated	Ø .2190 [5.563]
917SS	304SS	electropolished	Ø .2190 [5.563]
928BK	steel	black powder coated	Ø .252 [6.40]

Formed Pulls

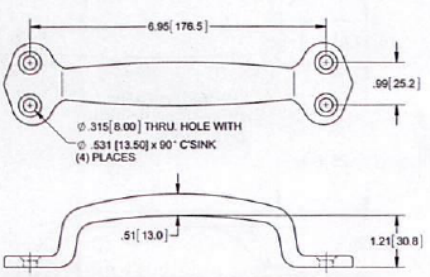




Part Number	Material	Finish
983	steel	chrome plated
983SS	304SS	electropolished
983SS-01	304SS	electropolished then hand polished

Die Cast Zinc Pull

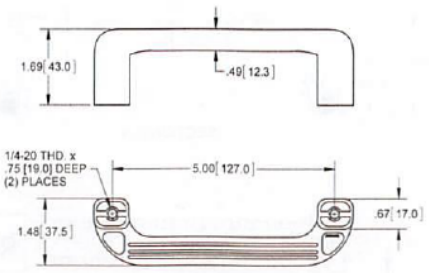




Part Number	Material	Finish
983DC	die cast zinc	chrome plated

Die Cast Offset Pull

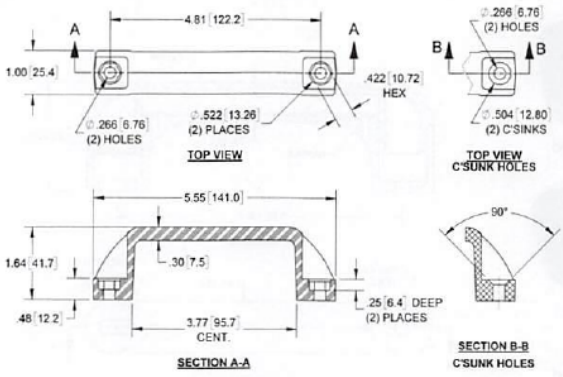
Part Number	Material	Finish
988CH	die cast zinc	chrome plated





Plastic Pull

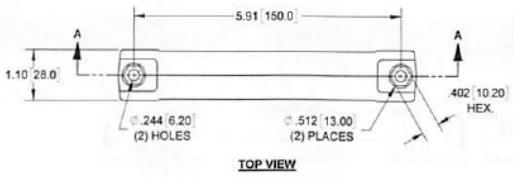
Part No.	Holes	Material	Finish
989BK	hex	reinforced nylon	black textured
989BK-02	c'sunk	reinforced nylon	black textured

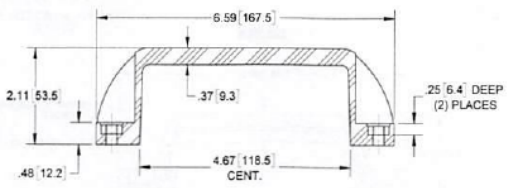




Plastic Pull

Part Number	Material	Finish
989BK10	glass reinforced plastic	black textured

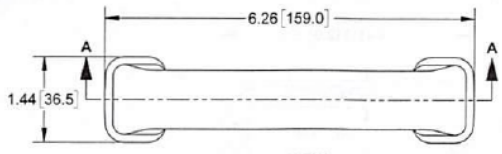


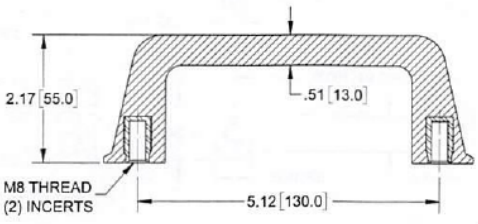




Plastic Pull

Part Number	Material	Finish
964P	plastic	black

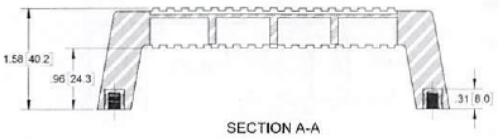




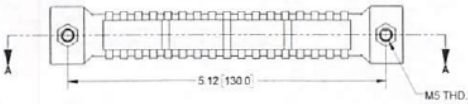


Plastic Pull





SECTION A-A



Part Number	Material	Finish
964P-01	plastic	black

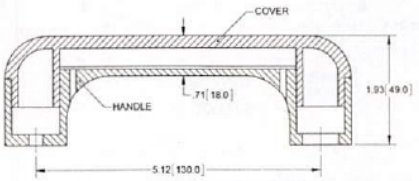
Plastic Pull with Cover



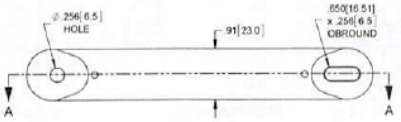
assembled



unassembled



SECTION A-A



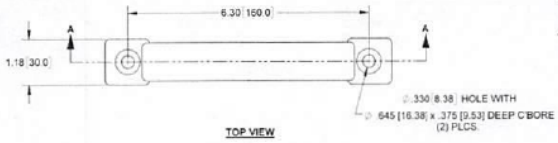
BOTTOM VIEW

Part Number	Material	Finish
990BK	plastic	black

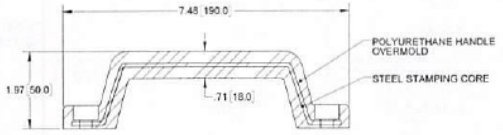
- handle cover hides screws for a clean look

Grab Handle with Steel Core UV





TOP VIEW



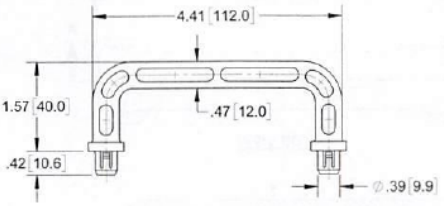
SECTION A-A

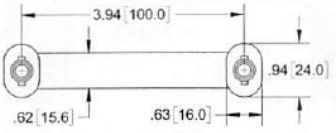
Part No.	Material	Finish
969	TPE	smooth

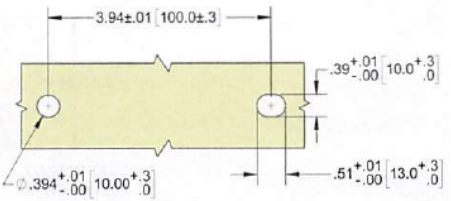
- core material: steel
- caps material: TPE
- includes screw caps
- UV resistant

Snap-in Plastic Pull









MOUNTING DIMENSIONS

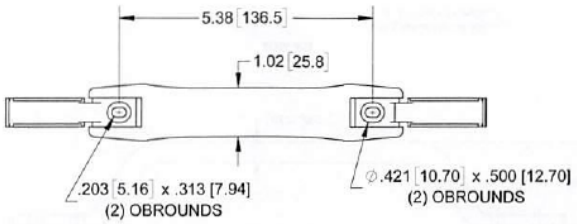
Part Number	Material	Finish
963P	plastic	black

- panel thickness: 1.2 - 1.6

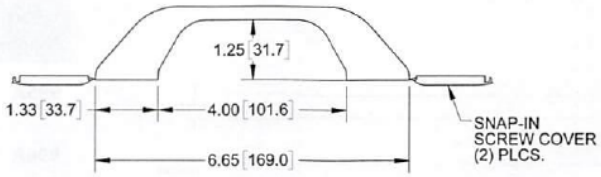
NEW Plastic Pull with Built-in Screw Covers

Part No.	Material	Finish
989BK50	plastic	black

- meets FMVSS 302 / UL94HB flamability requirements



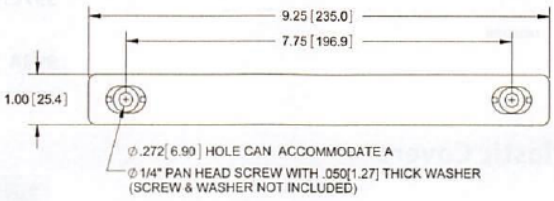




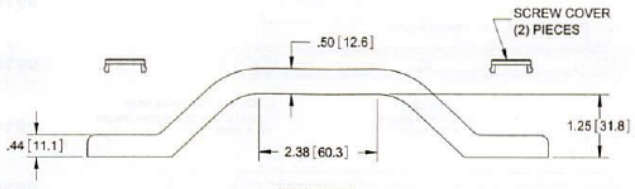
UV Plastic Grab Handles

Part Number	Finish
982BK	smooth, black
982G	smooth, gray
982W	smooth, white

- includes 2 screw covers
- additional colors available; 1,000 piece minimum order



TOP VIEW

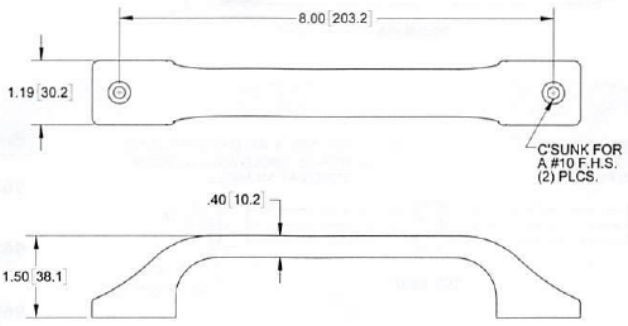


FRONT VIEW



UV Impact Resistant Plastic Grab Handles

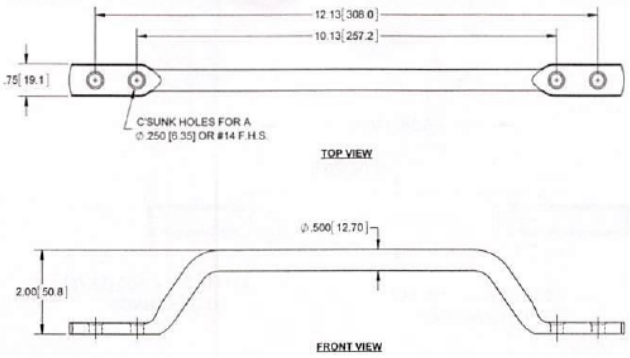
Part Number	Finish
985	smooth, white
985BK	smooth, black





Assist Handles

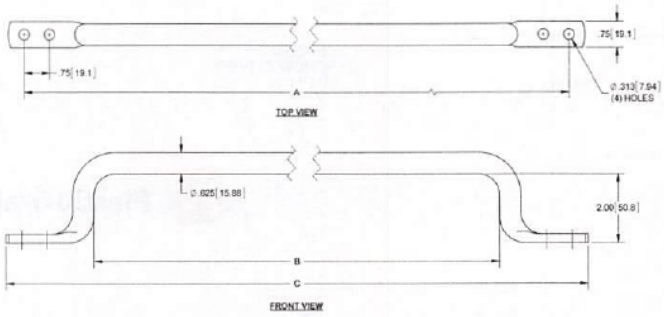




Part Number	Material	Finish
987A	aluminum	mill
987CH	steel	chrome plated
987SS	304SS	lightly polished

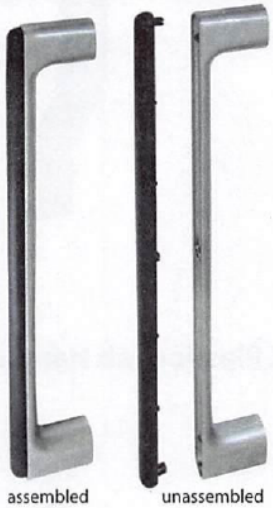
Heavy Duty Assist Handles



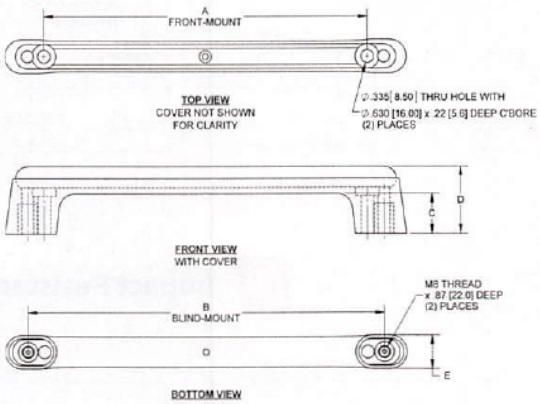


Part Number	Length A	Length B	Length C	Material	Finish
995A	16.25 [412.8]	12.00 [304.8]	17.18 [436.4]	aluminum	mill
996A	22.75 [577.9]	18.00 [457.2]	23.68 [601.5]	aluminum	mill
NEW 996CH	22.75 [577.9]	18.00 [457.2]	23.68 [601.5]	steel	chrome plated
997A	28.75 [730.3]	24.00 [609.6]	29.75 [755.7]	aluminum	mill
NEW 997CH	28.75 [730.3]	24.00 [609.6]	29.75 [755.7]	steel	chrome plated
998A	40.75 [1035.1	36.50 [927.1]	41.68 [1058.7]	aluminum	mill

Die Cast Zinc Handles with Plastic Covers



assembled unassembled

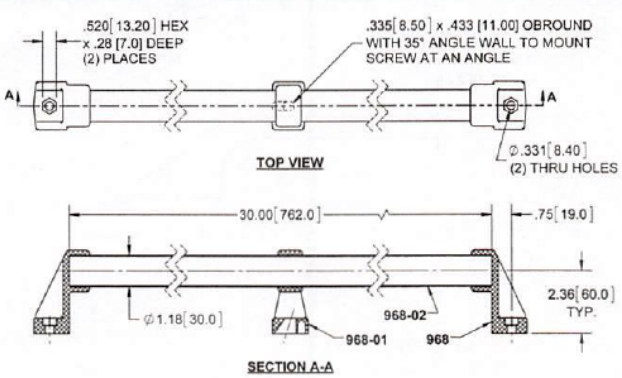


Part Number	A	B	C	D	E
991CH	10.47 [265.9]	11.34 [288.0]	1.04 [26.4]	1.75 [44.5]	.87 [22.1]
991CH-01	8.50 [215.9]	9.37 [238.0]	1.04 [26.4]	1.75 [44.5]	.87 [22.1]
991CH-02	6.54 [166.1]	7.40 [187.0]	1.04 [26.4]	1.75 [44.5]	.87 [22.1]
992CH	12.84 [326.1]	13.78 [350.0]	1.57 [39.9]	2.28 [57.9]	.87 [22.1]

- cover material: ABS
- cover finish: black
- base material: die cast zinc
- base finish: chrome plated (dull)

Variable Length Pulls





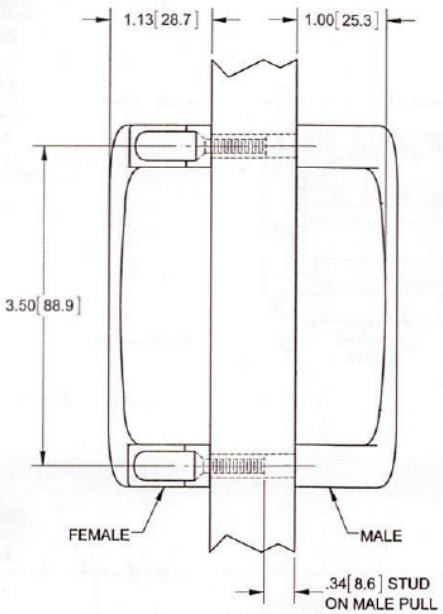
Part Number	Description	Material	Finish
968	end base	plastic, glass reinforced	black
968-01	center base	plastic, glass reinforced	black
968-02	tube 30.0 [762.0]	steel	black powder coat

- each component is sold separately
- tube can be cut to desired length

PAT. Shower Door Handles

Female Part Number	Male Part Number	Finish
2001900	2001902	mill
2001930	2001932	dull chrome
2001950	2001952	brass
2001960	2001962	chrome
2001990	2001992	brushed nickel

- 6-32 flat head screws not included
- material: die cast zinc







Catches

Nylon Striker Catch

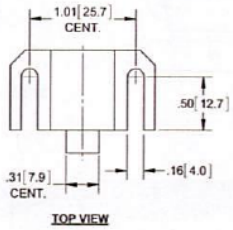
Part Number	Body	Striker	Finish
200170	304SS	nylon	tumbled

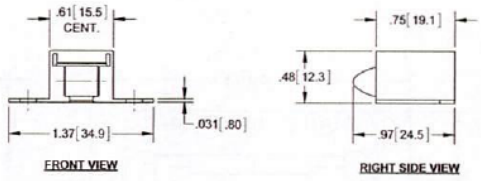
- 6-32 flat head screws not included

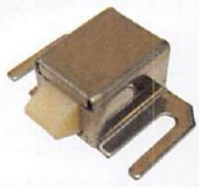
Stainless Steel Striker Catch

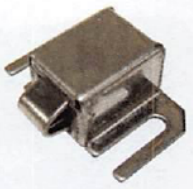
Part Number	Body	Striker	Finish
200172	304SS	304SS	tumbled

- 6-32 flat head screws not included









Die Cast Zinc Knobs

Flat Face

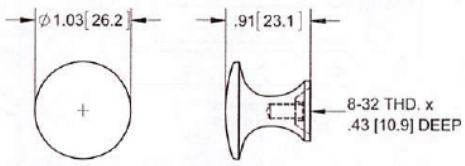
Part Number	Finish
39310BC---76	brushed chrome

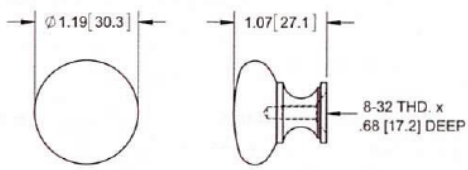
Round Face

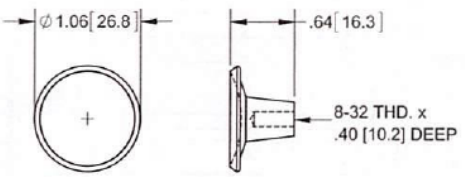
Part Number	Finish
Y70102CH	chrome
Y70102GP	gold

Concave Face

Part Number	Finish
950	chrome plated







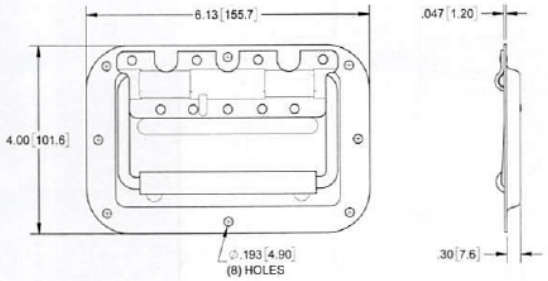






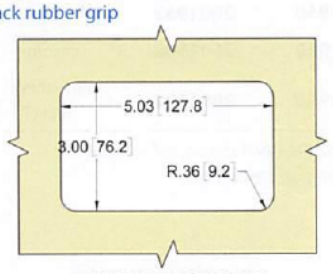
Medium Recessed Handles





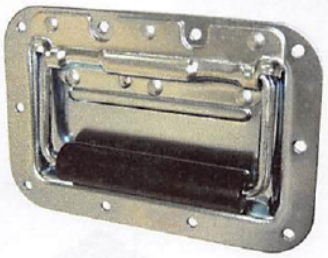
Part Number	Material	Finish
26	steel	zinc plated
26-10BK	steel	black powder coated

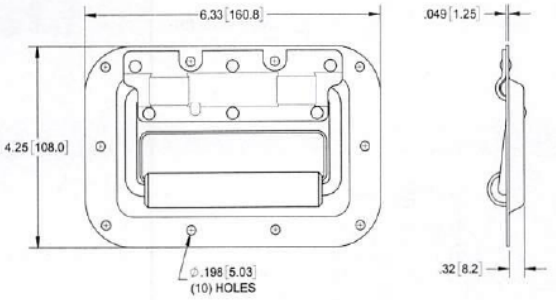
- spring loaded bail
- black rubber grip



MOUNTING DIMENSIONS

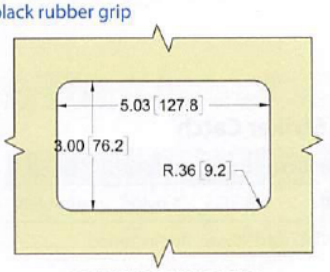
Medium Recessed Handle





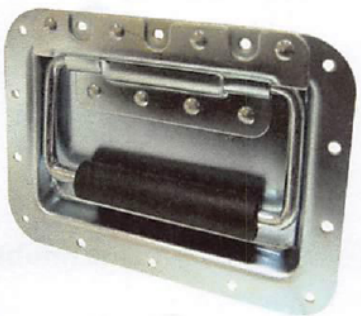
Part Number	Material	Finish
27	steel	zinc plated

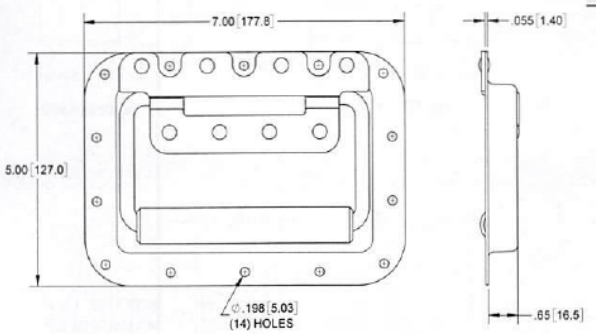
- spring loaded bail
- black rubber grip



MOUNTING DIMENSIONS

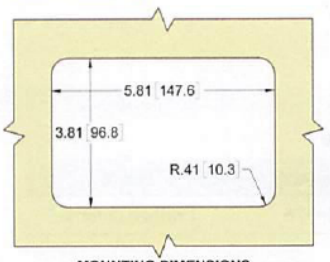
Large Recessed Handles





Part Number	Material	Finish
28	steel	zinc plated
28-10BK	steel	black powder coated

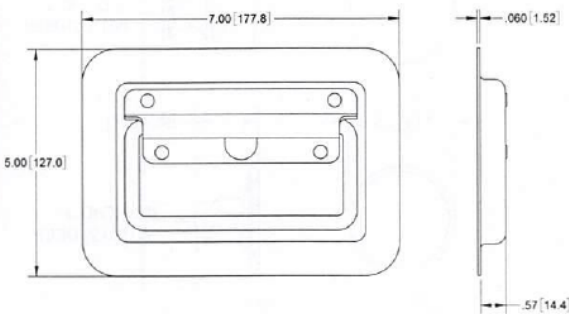
- spring loaded bail
- black rubber grip



MOUNTING DIMENSIONS

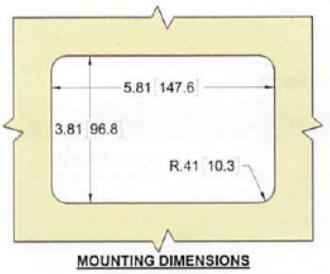
Large Recessed Handle





Part Number	Material	Finish
28-50A	aluminum	mill

- spring loaded bail

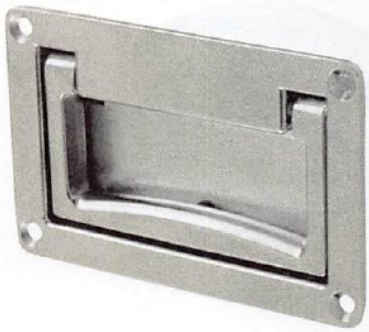


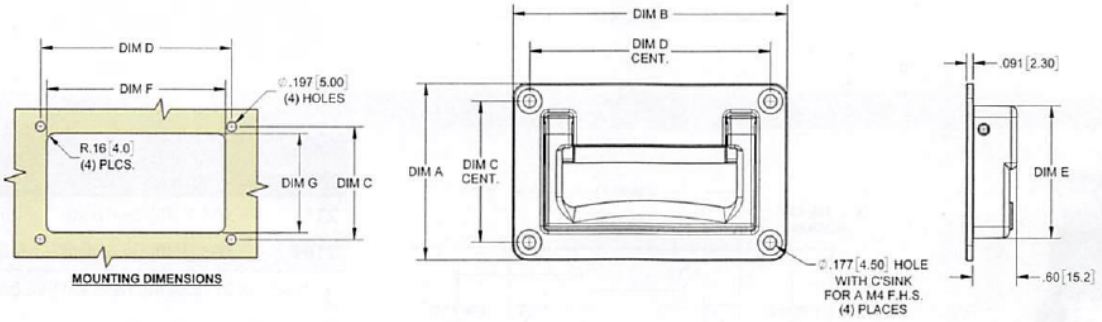
MOUNTING DIMENSIONS

Recessed Handles

Part Number	Dim A	Dim B	Dim C	Dim D	Dim E	Mounting	
						Dim F	Dim G
32CH	2.74 [69.5]	4.37 [111.0]	2.283 [58.00]	3.937 [100.00]	2.05 [52.0]	3.68 [93.5]	2.05 [52.0]
32CH01	2.36 [60.0]	3.74 [95.0]	1.889 [48.00]	3.287 [83.50]	1.79 [45.5]	3.11 [79.0]	1.79 [45.5]

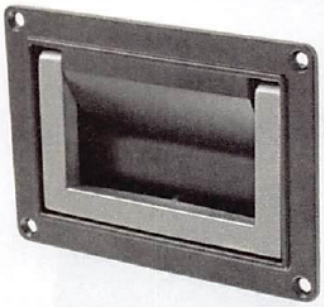
- material: die cast zinc
- finish: textured chrome plated
- handle snaps into flush or raised position with internal detent

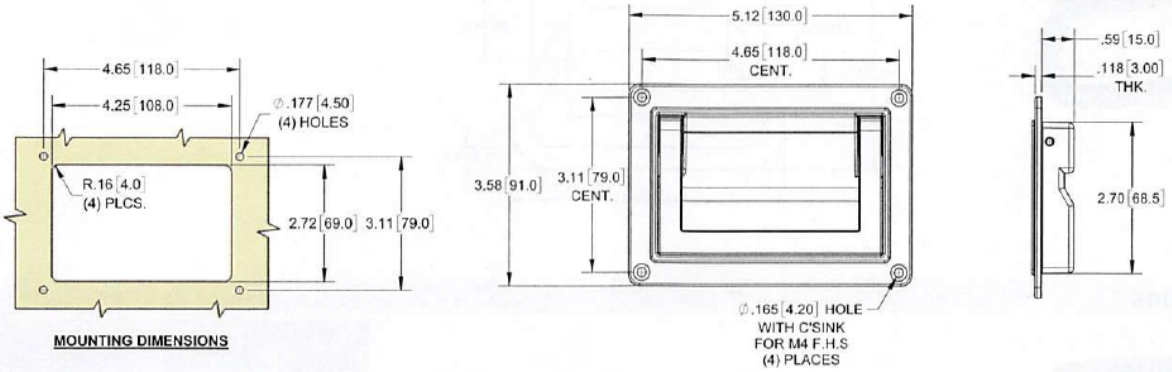




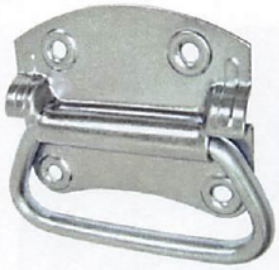
Recessed Handle

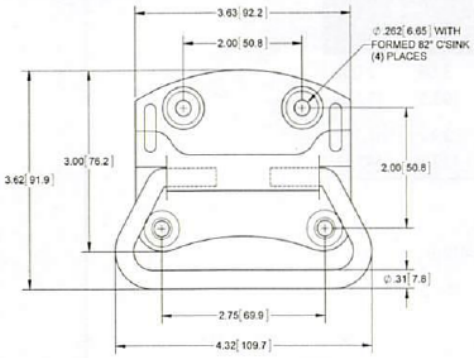
Part Number	Material	Finish	
		Pan	Handle
31BK	die cast zinc	black powder coated	grey painted





Chest Handles

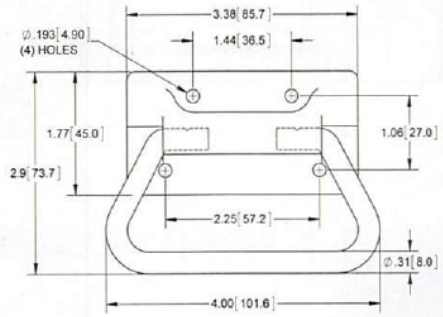




Part Number	Material	Finish
20	.050 [1.27] steel plate	zinc plated
20BK	.050 [1.27] steel plate	black painted

Chest Handles



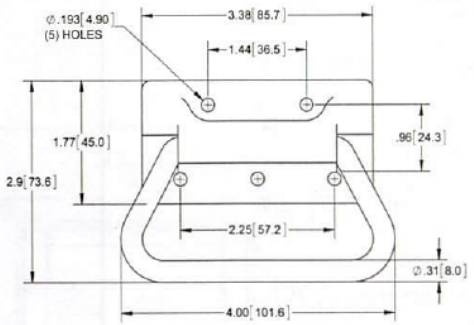


Part Number	Material	Finish
21*	.055 [1.40] steel plate	zinc plated
2102	.055 [1.40] steel plate	nickel plated

▸ *part no. **21** does not have red PVC grip

Chest Handle

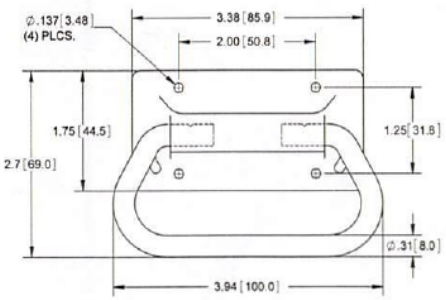




Part Number	Material	Finish
2103CH	.055 [1.40] steel plate	chrome plated

Chest Handles



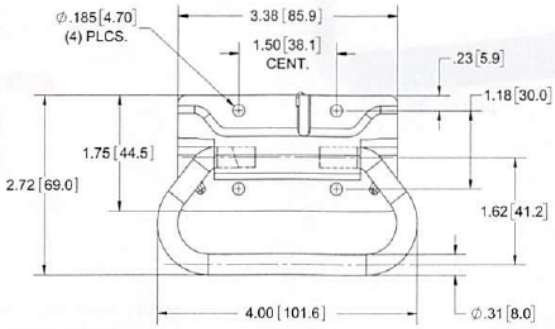


Part Number	Material	Finish	Holes
24SSH	.074 [1.88] 304SS plate	electropolished	4
23	.059 [1.50] steel plate	mill	none

NEW Spring Loaded Chest Handle

Part Number	Material	Finish
24NP01	.071 [1.8] steel plate	nickel plated

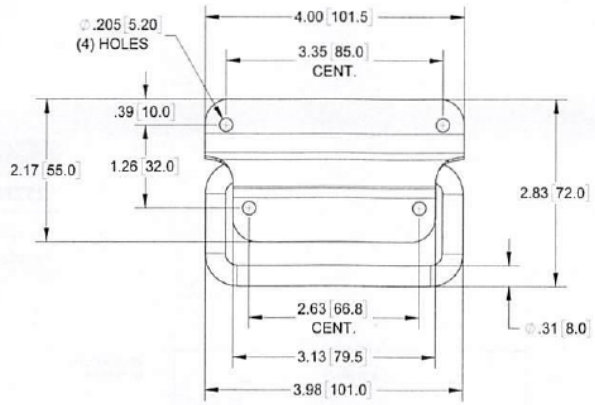




NEW Chest Handle

Part Number	Material	Finish
23-50	.047 [1.2] 304SS plate	polished

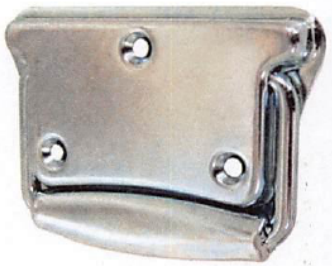


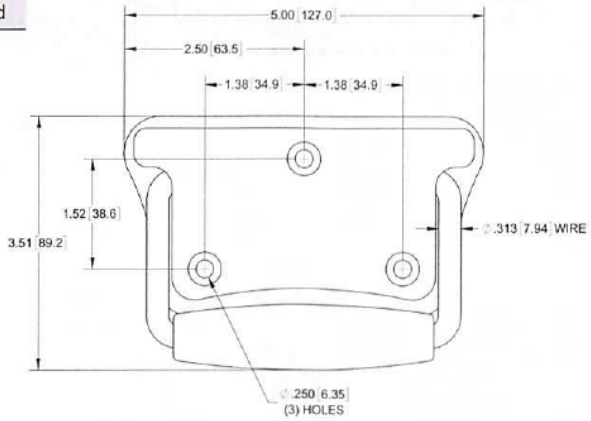


Spring Loaded Chest Handle

Part Number	Material	Finish
22	.060 [1.52] steel plate	zinc plated
NEW 22BB-02		tumbled then bright brass plated & lacquered

- handle is maintained flush by integrated spring





Spring Loaded Chest Handles



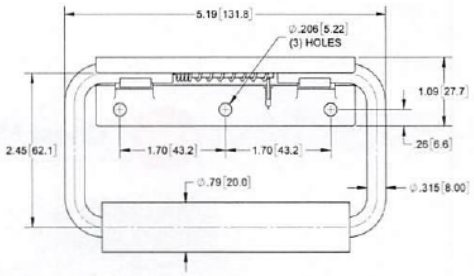
part no. **29SS01**

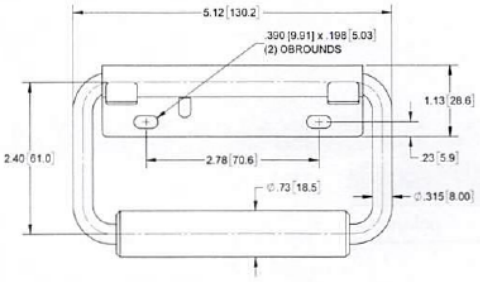


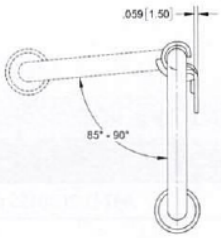
part no. **29**

Part Number	Material	Finish	Mounting
29	steel	yellow zinc plated	(2) slots
29-01	steel	yellow zinc plated	(3) holes
NEW **29-02**	steel	zinc plated	(2) slots
29BK	steel	black e-paint	(2) slots
29SS01	304SS	tumbled	(3) holes

- spring loaded bail
- black rubber grip





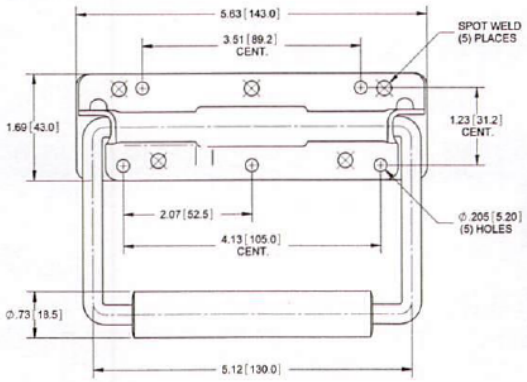


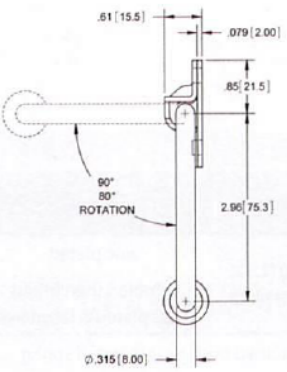
Spring Loaded Chest Handle



Part Number	Material	Finish
25ZN	steel	zinc plated

- spring loaded bail
- black rubber grip



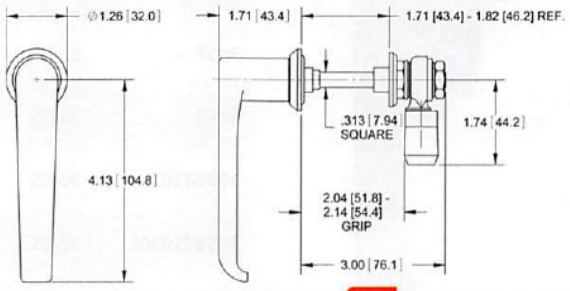


UV Plastic HVAC L-Handle Latch with Roller Cam

Part Number	Rotation 360°	Shaft Style	Shaft Length	Shaft Size	Locking	Finish
1157-01	bidirectional	M10x1.5 thread	3.00 [76.2]	.313 [7.94]	no	black, textured

- includes roller cam (may be purchased separately, see part no. **697** on pg. 52)
- made from glass reinforced plastic with UV inhibitors
- grip range between 2.04 [51.8] to 2.14 [54.4]
- handle includes o-rings

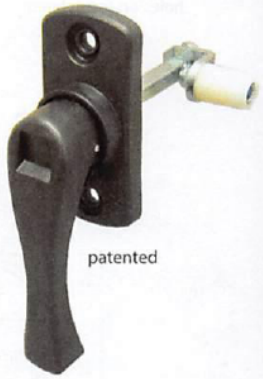


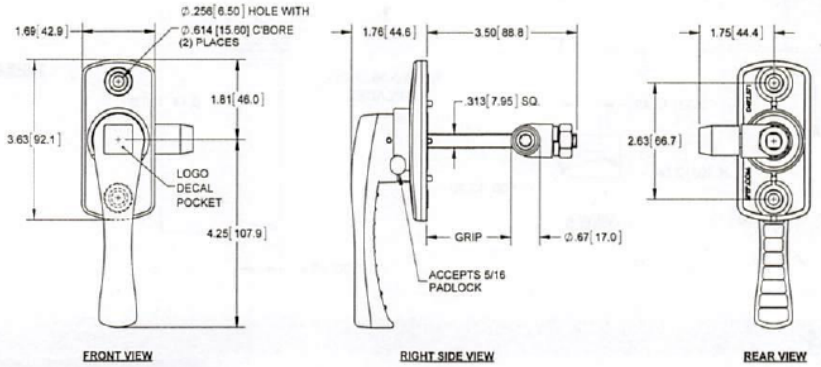


PAT. Plastic HVAC Padlocking L-Handles

Part Number	Mount	Rotation	Shaft Style	Shaft Length	Shaft Size	Locking	Finish
3940	front	90° CC	M10x1.5 thread	3.50 [88.9]	.313 [7.94]	no	black, textured
3941	front	90° CW	M10x1.5 thread	3.50 [88.9]	.313 [7.94]	no	black, textured
3940LK	front	90° CC	M10x1.5 thread	3.50 [88.9]	.313 [7.94]	yes	black, textured
3941LK	front	90° CW	M10x1.5 thread	3.50 [88.9]	.313 [7.94]	yes	black, textured

- 1.97 [50.0] grip range is preset; may be changed with minimum order quantity
- includes roller cam (may be purchased separately, see part no. **699** on pg. 53)
- made from glass reinforced plastic
- handle includes o-rings

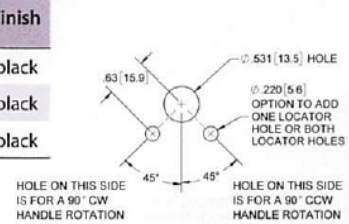




UV Plastic HVAC Bidirectional L-Handles

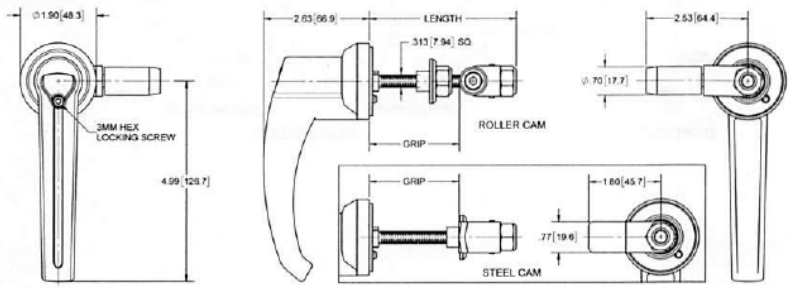
Part Number	Cam Type	Length	Shaft Style	Shaft Size	Grip	Finish
1153	plastic roller cam	3.66 [93.0]	M10x1.5 thread	.313 [7.94]	.35 [8.9] - 2.25 [57.2]	black
1153-01	steel offset cam	3.66 [93.0]		.313 [7.94]	.35 [8.9] - 2.25 [57.2]	black
1153-02	plastic roller cam	5.66 [143.8]		.313 [7.94]	.35 [8.9] - 4.25 [108.0]	black

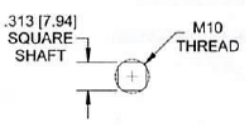
- made from glass reinforced plastic with UV inhibitors
- can be installed as either a right hand or left hand handle
- includes cam (roller cam may be purchased separately, see part no. **698** on pg. 52)



CUT-OUT DETAILS

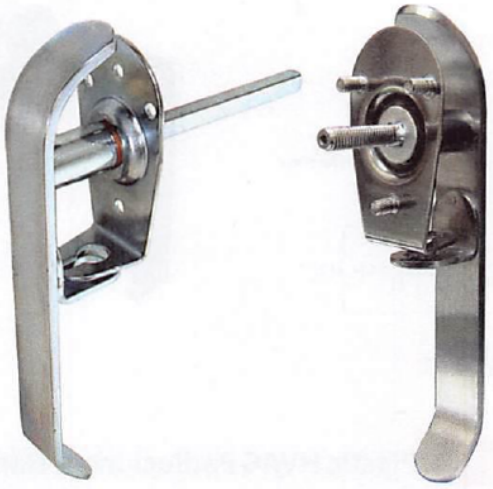






THREADED SQUARE SHAFT

Stamped Padlocking L-Handles

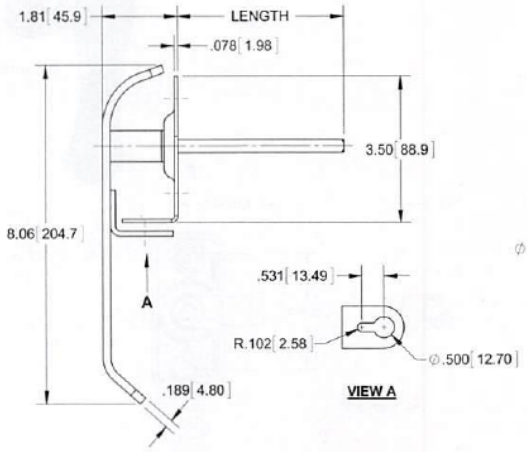


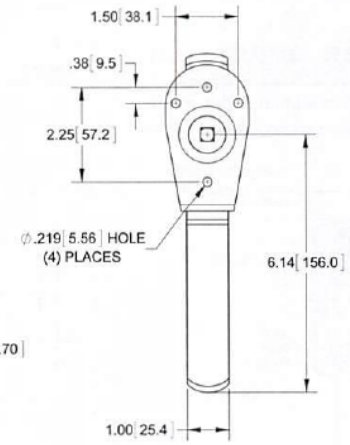
front mount style
holes on escutcheon

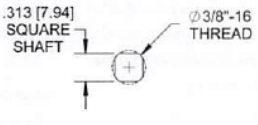
blind mount style
1/4-20 threaded studs on
escutcheon

Part Number	Material	Finish	Shaft Length	Shaft Style	Shaft Size	Mounting
300B	steel	brushed & zinc plated	4.00 [101.6]	non threaded	.313 [7.94]	front
300CH	steel	chrome plated	4.00 [101.6]	non threaded	.313 [7.94]	front
305P	304SS	polished	4.00 [101.6]	non threaded	.313 [7.94]	front
305B	304SS	brushed	4.00 [101.6]	non threaded	.313 [7.94]	front
305BTHD	304SS	brushed	4.00 [101.6]	3/8 - 16 thread	.313 [7.94]	front
305BTHD01	304SS	brushed	1.50 [38.1]	3/8 - 16 thread	.313 [7.94]	blind
505B	304SS	brushed	4.00 [101.6]	non threaded	.500 [12.70]	front

- 360° bidirectional rotation design
- keyhole allows you to use a standard padlock or dual lock bracket, enabling the use of 2 padlocks with different key codes. See part no. **X125** & **X125-01** on pg. 32
- gasket available separately, part no. **300G-01**







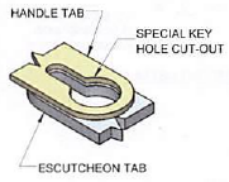
THREADED SQUARE SHAFT

Dual Lock Brackets

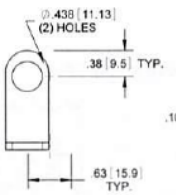


Part Number	Description	Material	finish
X125	for stamped handles	304SS	deburred
X125-01	for cast handles	304SS	deburred

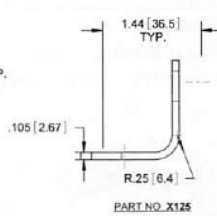
- fits handles with special keyhole cut-out



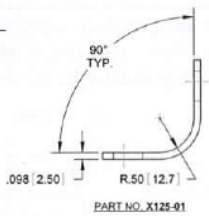
SPECIAL KEY HOLE CUT-OUT



FRONT VIEW



PART NO. X125



PART NO. X125-01

RIGHT SIDE VIEW

Padlocking L-Handles

Front-mount

NEMA 12 PAT.

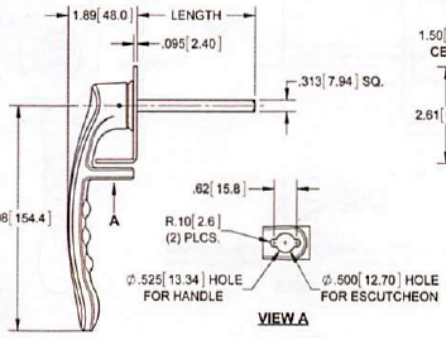
Part Number	Material	Finish	Shaft Length	Shaft Style	Shaft Size
309-SS-P	304SS	polished	3.25 [82.6]	non threaded	.313 [7.94]
309-SS-PS	304SS	passivated	3.25 [82.6]	non threaded	.313 [7.94]
309-S-ZN	cast steel	zinc plated	3.25 [82.6]	non threaded	.313 [7.94]
NEW 309-S-G01	cast steel	ANSI 61 gray powder coated	3.25 [82.6]	non threaded	.313 [7.94]
309-S-CH	cast steel	chrome plated	3.25 [82.6]	non threaded	.313 [7.94]
309TH-SS-P	304SS	polished	3.25 [82.6]	3/8" - 16 thread	.313 [7.94]
309TH-SS-P1	316SS	polished	4.00 [101.6]	3/8" - 16 thread	.313 [7.94]
309TH-S-ZN	cast steel	zinc plated	3.25 [82.6]	3/8" - 16 thread	.313 [7.94]
309TH-S-ZN01	cast steel	zinc plated	1.14 [37.3]	3/8" - 16 thread	.313 [7.94]

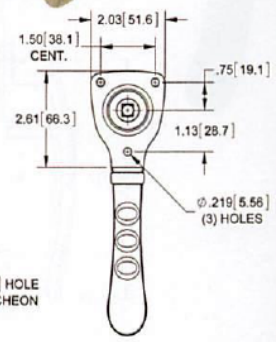
- 360° bidirectional rotation design
- all parts include o-ring
- intended for NEMA 12 enclosure requirements when used with **309G-01** face gasket (sold separately)
- keyhole allows you to use a standard padlock or dual lock bracket, enabling the use of 2 padlocks with different key codes. See part no. **X125** & **X125-01** on pg. 32

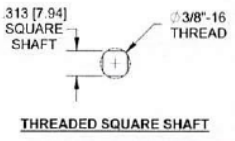


patented

front mount style, holes on escutcheon







Blind-mount

NEMA 4 NEMA 4x NEMA 12 IP66 PAT.

Part Number	Material	Finish	Shaft Length	Shaft Style	Shaft Size
309BO-SS-P*	304SS	passivated	3.25 [82.6]	non threaded	.313 [7.94]
309THBO-SS-P*	304SS	polished	3.25 [82.6]	3/8" - 16 thread	.313 [7.94]
309THBO-SS-P1*	304SS	polished	1.50 [38.1]	3/8" - 16 thread	.313 [7.94]
309THBO-SS-P4*	304SS	polished	2.50 [63.5]	non threaded	.313 [7.94]
309THB-S-ZN	cast steel	zinc plated	3.25 [82.6]	3/8" - 16 thread	.313 [7.94]
309THB-S-ZN1	cast steel	zinc plated	2.25 [57.2]	3/8" - 16 thread	.313 [7.94]

- 360° bidirectional rotation design
- all parts include o-ring
- intended for NEMA 4, 4X, 12 and IP66 enclosure requirements when used with **309G-02** face gasket (sold separately)
  * stainless steel parts include gasket
- keyhole allows you to use a standard padlock or dual lock bracket, enabling the use of 2 padlocks with different key codes. See part no. **X125** & **X125-01** on pg. 32

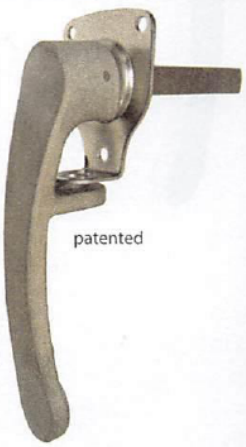


blind mount style, 1/4-20 x .50 long threaded studs on escutcheon

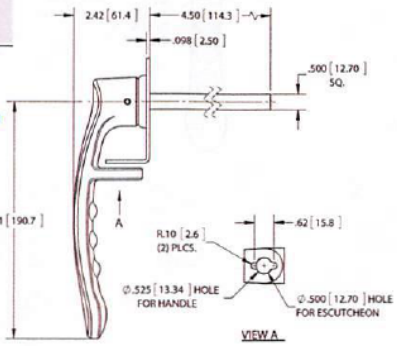
NEMA 12 PAT. Padlocking L-Handles

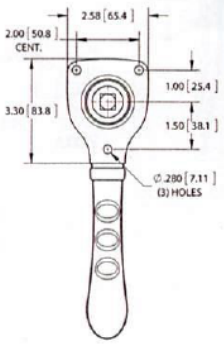
Part Number	Material	Finish	Shaft Length	Shaft Size
310-SS-P	304SS	hand polished & passivated	4.50 [114.3]	.500 [12.7]
310-SS-PS	304SS	passivated	4.50 [114.3]	.500 [12.7]
310-S-ZN	cast steel	zinc plated	4.50 [114.3]	.500 [12.7]
310-S-CH	cast steel	chrome plated	4.50 [114.3]	.500 [12.7]

- 360° bidirectional rotation design
- all parts include o-ring
- intended for NEMA 12 enclosure requirements when used with **310G** face gasket (sold separately)
- keyhole allows you to use a standard padlock or dual lock bracket, enabling the use of 2 padlocks with different key codes. See part no. **X125** & **X125-01** on pg. 32
- non-threaded shaft

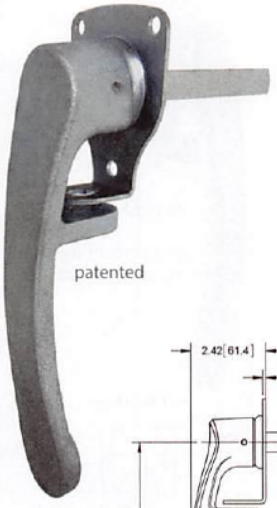


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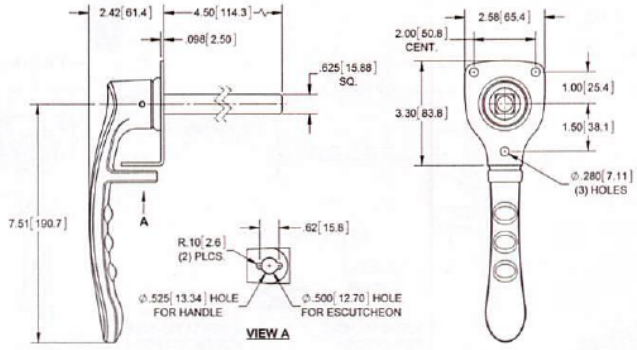




Padlocking L-Handles PAT.



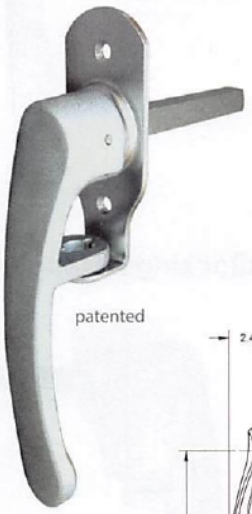
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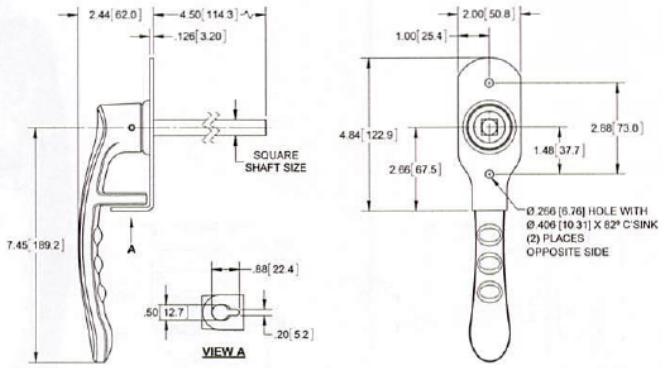
Part Number	Material	Finish	Shaft Length	Shaft Size	Mounting
311-SS-P	304SS	hand polished & passivated	4.50 [114.3]	.625 [15.88]	front
311-SS-P02*	304SS	hand polished & passivated	2.50 [63.5]	.625 [15.88]	blind
311-SS-PS	304SS	passivated	4.50 [114.3]	.625 [15.88]	front
311-S-ZN	cast steel	zinc plated	4.50 [114.3]	.625 [15.88]	front
311-S-CH	cast steel	chrome plated	4.50 [114.3]	.625 [15.88]	front

- keyhole allows you to use a standard padlock or dual lock bracket, enabling the use of 2 padlocks with different key codes. See part no. **X125-01** on pg. 32
- gasket available separately, part no. **310G**
- all parts include o-ring
- * part no. **311-SS-P02** has (3) 1/4-20 threaded weld studs instead of through holes on escutcheon and comes with black poron gasket (part no. **310G**)
- 360° bi-directional rotation

Padlocking L-Handles PAT.



patented



Part Number	Material	Finish	Shaft Length	Shaft Size
321-S-ZN	cast steel	zinc plated	4.50 [114.3]	.500 [12.70]
322-S-ZN	cast steel	zinc plated	4.50 [114.3]	.625 [15.88]

- includes o-ring for a smooth handle rotation
- keyhole allows you to use a standard padlock or dual lock bracket, enabling the use of 2 padlocks with different key codes. See part no. **X125-01** on pg. 32
- gasket available separately, part no. **321G**
- 360° bi-directional rotation

PAT. Heavy Duty Bellcore Defeater Handles

Part Number	90° Rotation	Shaft Size	Material	Finish
3921	right hand (CC)	.313 [7.94]	304SS	passivated
3922	left hand (CW)	.313 [7.94]	304SS	passivated

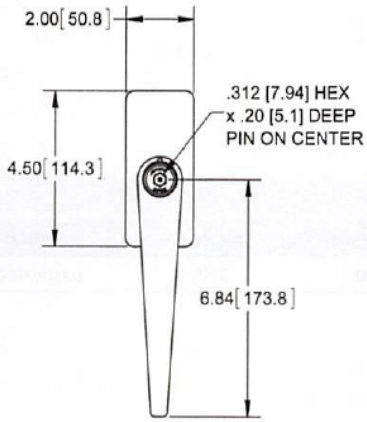
- self-locking handle for automatic security
- weather-resistant gasket
- padlock hasp for added protection
- tool operated defeater

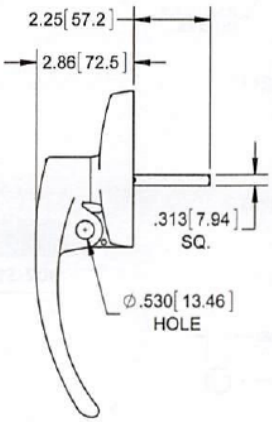
Meets Bellcore GR-487 Core Spec.

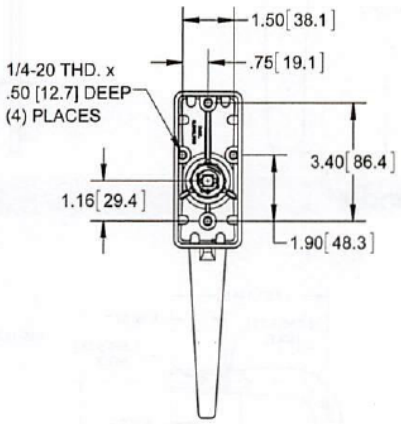


patented

right hand shown
part no. 3921



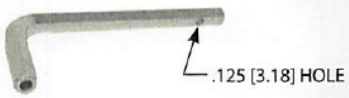




Bellcore Hex Tool Key

Part Number	Size	Material	Finish
392-K	8mm Bellcore hex	steel	zinc plated

- sold separately



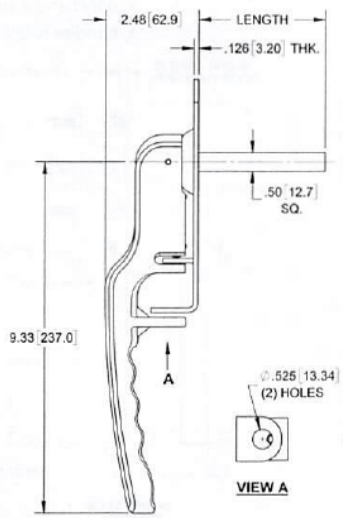
316SS PAT. Heavy Duty 316SS L-Handles

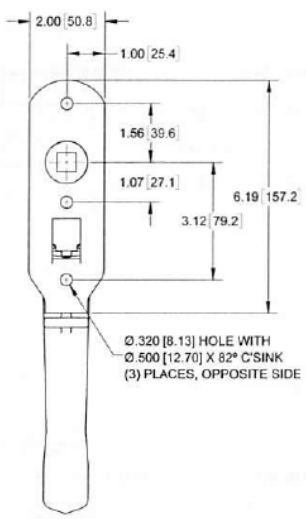
Part Number	Key Code	Material	Finish	Length	Shaft Size
308SS-1250	1250	316SS	passivated	3.38 [85.7]	.50 [12.7]
308SS01-1250	1250	316SS	passivated	4.38 [111.1]	.50 [12.7]

- includes (3) mounting screws and (2) ringed keys
- 360° bi-directional rotation
- padlockable



patented



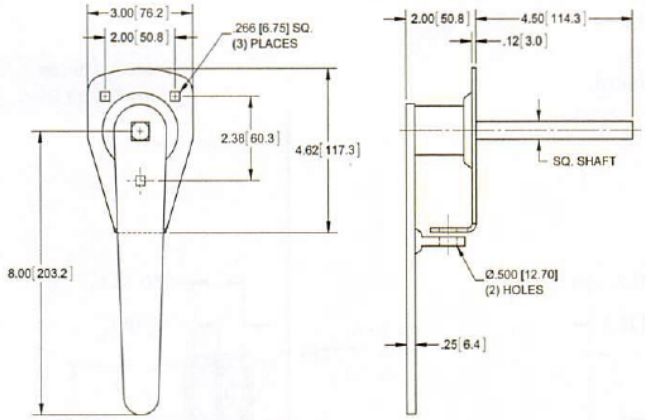


Heavy Duty Padlocking L-Handles



Part Number	Material	Finish	Square Shaft Size
306	steel	zinc plated	.500 [12.70]

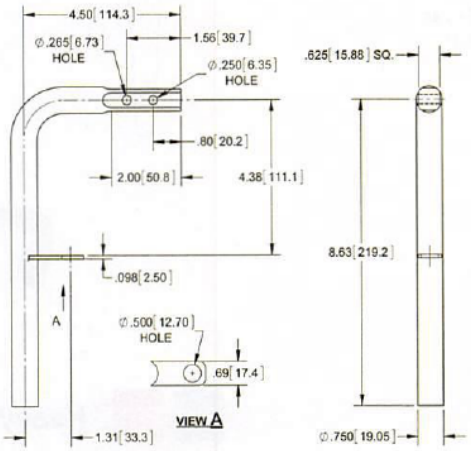
- 360° bi-directional rotation



Traffic Enclosure Handle



Part Number	Material	Finish
302-SS-00	304SS	passivated

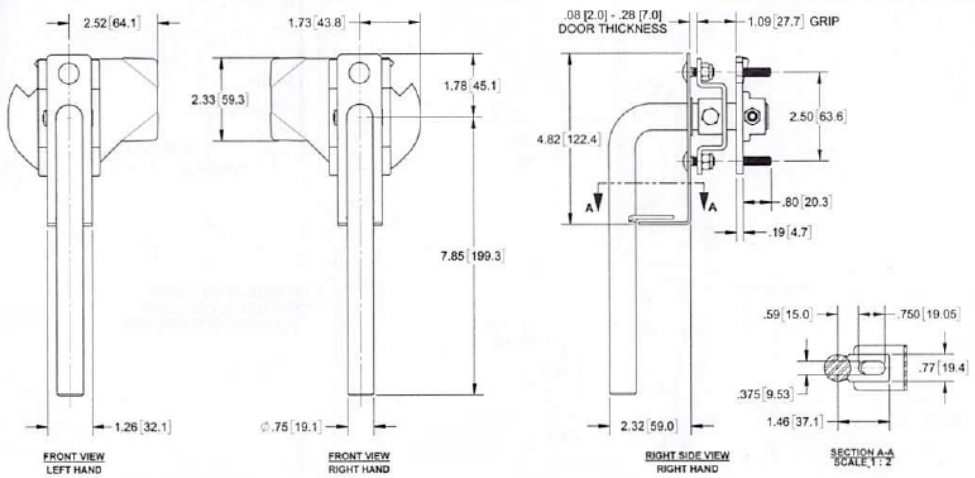


Traffic Enclosure Handles with Escutcheon 316SS

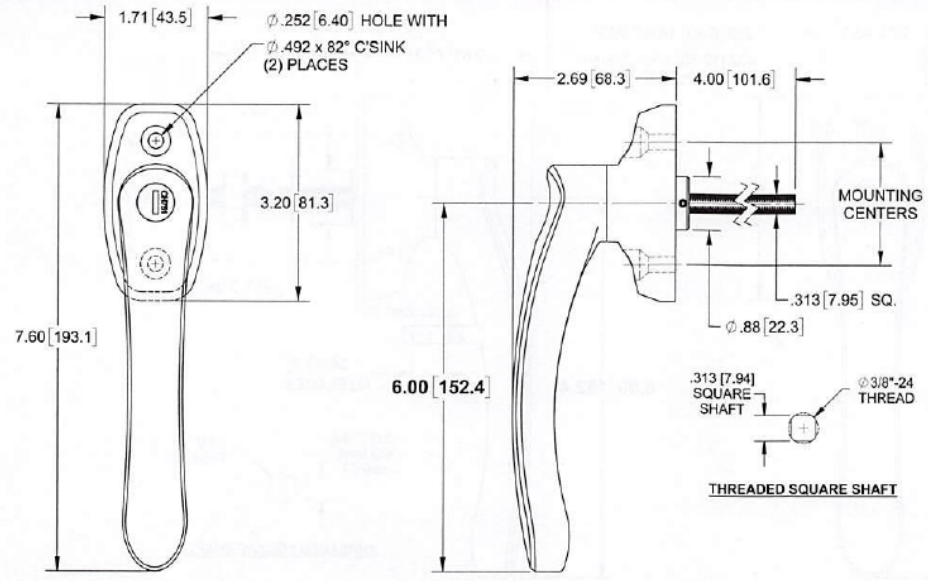


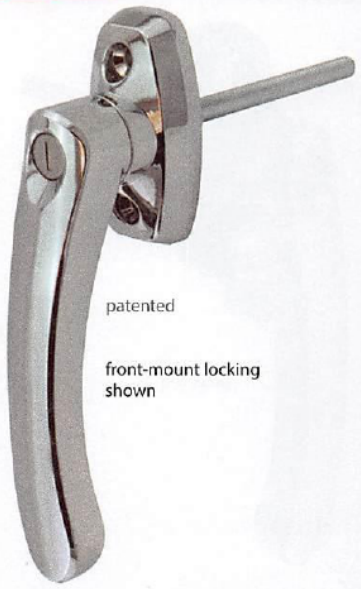
Part Number	Material	Finish	Handing
324SS	316SS	electropolished	right hand
NEW 324SS-LH	316SS	electropolished	left hand

- only handle and escutcheon are 316SS
- handles rotate 360° bi-directionally



PAT. ADA Large L-Handles





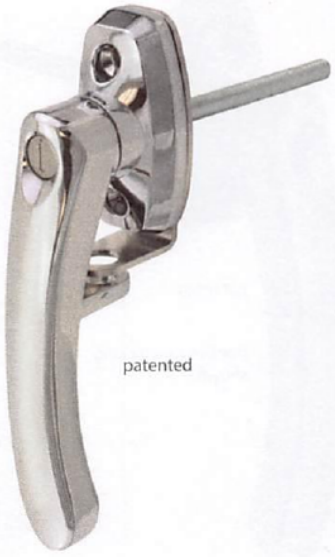
patented

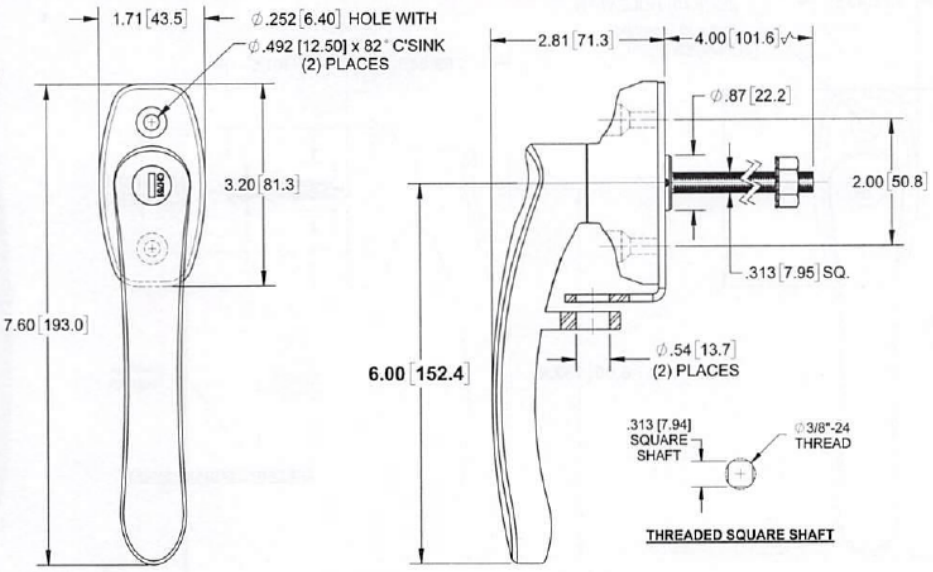
front-mount locking shown

Part Number	90° Rotation	Locking	Keyed (2 Keys/Lock)	Shaft Length	Shaft Style	Finish	Mount	Mounting Centers
3362	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	1.813 [46.04]
336201	90° CC	yes	CH751					
3363	90° CW	no	non-locking					
336301	90° CC	no	non-locking					
3462	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	blind	1.813 [46.04]
346201	90° CC	yes	CH751					
3463	90° CW	no	non-locking					
346301	90° CC	no	non-locking					
3360	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	2.000 [50.80]
NEW **336001BK**	90° CC	yes	CH751			matte black powder coat		
NEW **3360BK**	90° CW	yes	CH751			matte black powder coat		
336003	360°	no	non-locking	4.00 [101.6]	3/8" - 24 thread	chrome	front	2.000 [50.80]
336004	360°	yes	CH751					
336001	90° CC	yes	CH751					
3361	90° CW	no	non-locking					
336101	90° CC	no	non-locking					
3460	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	blind	2.000 [50.80]
346001	90° CC	yes	CH751					
3461	90° CW	no	non-locking					
346101	90° CC	no	non-locking					
3364	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	2.250 [57.15]
336401	90° CC	yes	CH751					
3365	90° CW	no	non-locking					
336501	90° CC	no	non-locking					
3464	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	blind	2.250 [57.15]
346401	90° CC	yes	CH751					
3465	90° CW	no	non-locking					
346501	90° CC	no	non-locking					

- material: die cast zinc
- achieve NEMA 12 and IP64 enclosure access requirements when combined with escutcheon gasket sold separately, part no. **336G**
- meets ADA requirements
- includes dust shutter
- locking handles include (2) ringed keys
- front-mount handles do not include mounting screws (1/4" or #14 recommended)
- blind-mount handles include (2) 1/4 - 20 x .63 [16.0] long mounting screws
- all handles include 3/8"-24 keps nuts

Large 5/16" Sq. Shaft L-Handles with Padlocking Option PAT. ADA

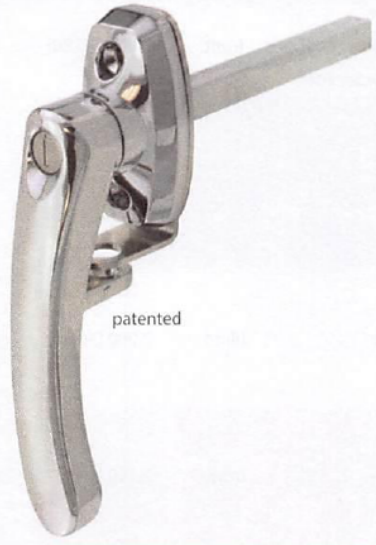


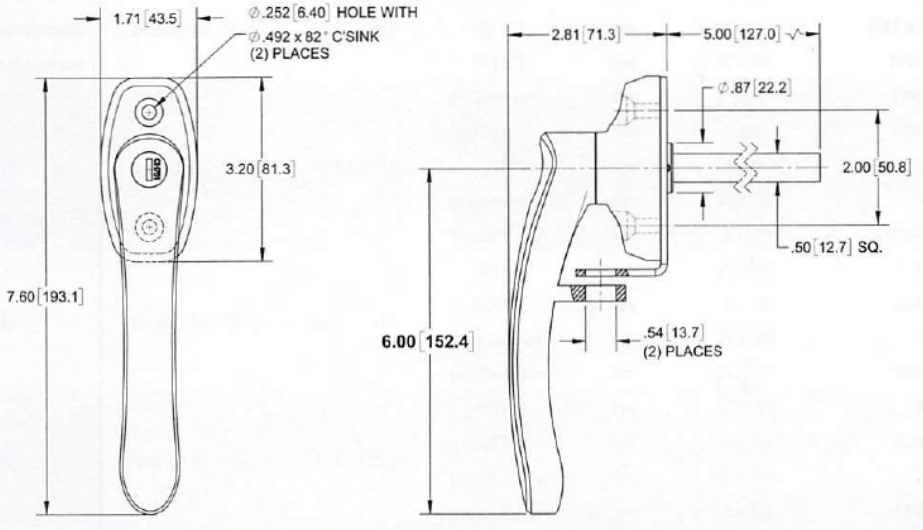


Part Number	Rotation	Locking	Keyed (2 Keys/Lock)	Shaft Length	Shaft Style	Finish	Mount	Mounting Centers
336001LK	90° CC	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	2.000 [50.80]
3360LK	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	2.000 [50.80]
336004LK	360°	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	2.000 [50.80]

- includes dust shutter
- handles include (2) ringed keys
- does not include mounting screws (1/4" or #14 recommended)
- material: die cast zinc
- meets ADA requirements
- achieve NEMA 12 and IP64 enclosure access requirements when combined with (2) escutcheon gaskets sold separately (part no. **336G**) and sealing screws

Large 1/2" Sq. Shaft L-Handles with Padlocking Option PAT. ADA

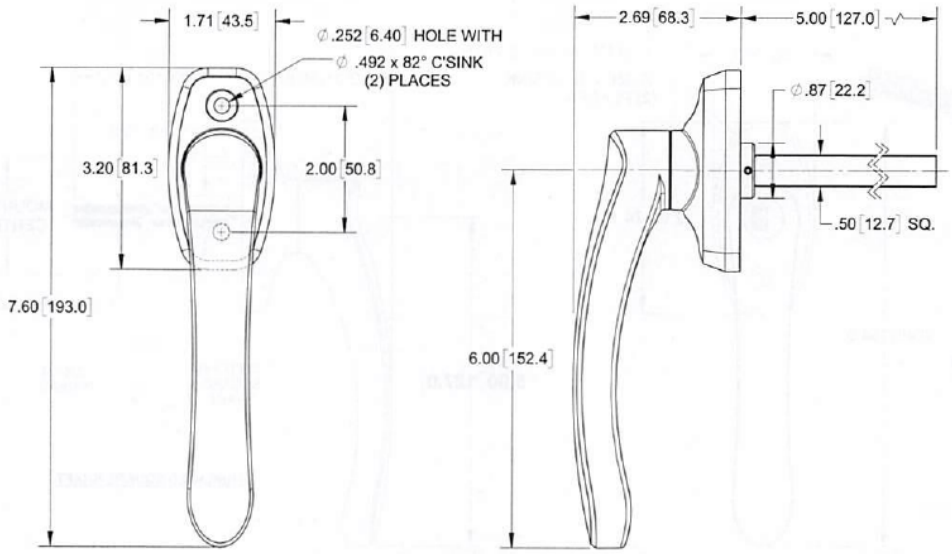




Part Number	Rotation	Locking	Keyed (2 Keys/Lock)	Shaft Length	Shaft Style	Finish	Mount	Mounting Centers
3370LK	90° CW	yes	CH751	5.00 [12.7]	non-threaded	chrome	front	2.000 [50.80]
337004LK	360°	yes	CH751	5.00 [12.7]	non-threaded	chrome	front	2.000 [50.80]
3370LKBK	90° CW	yes	CH751	5.00 [12.7]	non-threaded	matte black powder coat, lightly textured	front	2.000 [50.80]
337001LK	90° CC	yes	CH751	5.00 [12.7]	non-threaded	chrome	front	2.000 [50.80]
337001LKBK	90° CC	yes	CH751	5.00 [12.7]	non-threaded	matte black powder coat, lightly textured	front	2.000 [50.80]

- includes dust shutter
- handles include (2) ringed keys
- does not include mounting screws (1/4" or #14 recommended)
- material: die cast zinc
- meets ADA requirements
- achieve NEMA 12 and IP64 enclosure access requirements when combined with (2) escutcheon gaskets sold separately (part no. **336G**) and sealing screws

NEW PAT. ADA Large 1/2" Sq. Shaft L-Handle

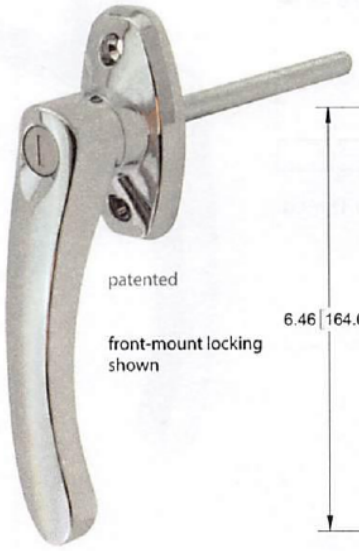


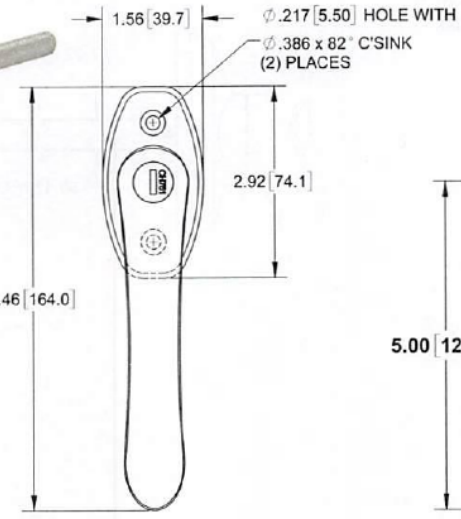


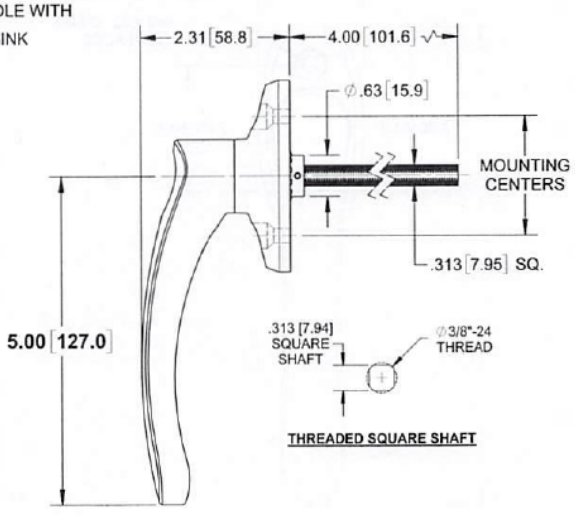
Part Number	Rotation	Locking	Shaft Length	Shaft Style	Finish	Mount	Mounting Centers
337005	360°	no	5.00 [12.7]	non-threaded	chrome	front	2.000 [50.80]

- material: die cast zinc
- does not include mounting screws (1/4" or #14 recommended)
- meets ADA requirements
- achieve NEMA 12 and IP64 enclosure access requirements when combined with (2) escutcheon gaskets sold separately (part no. **336G**)

Medium L-Handles PAT. ADA



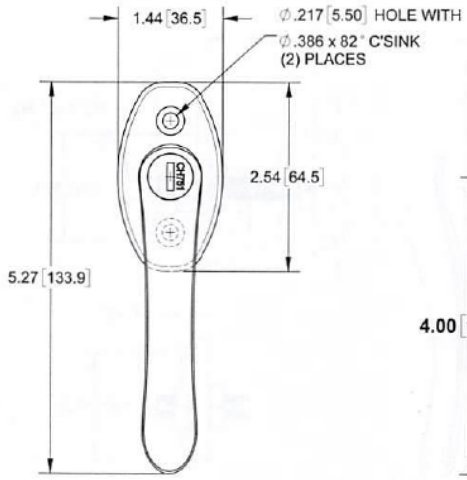


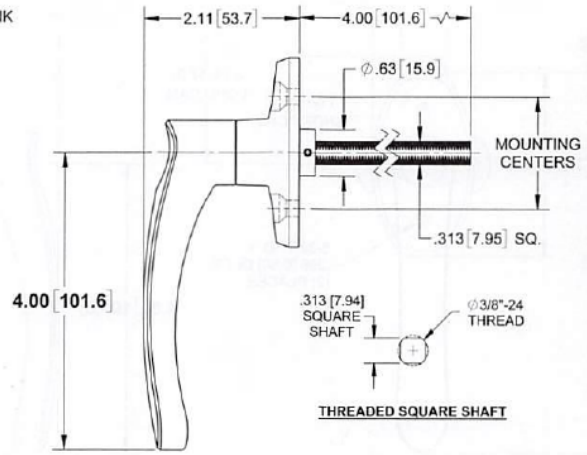


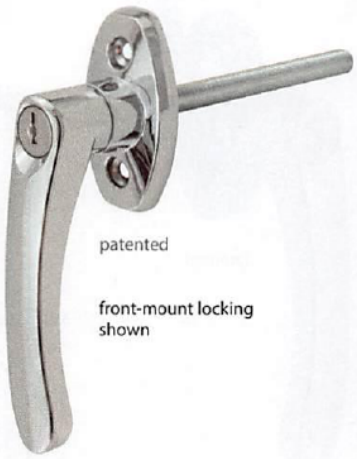
Part Number	Rotation	Locking	Keyed (2 Keys/Lock)	Shaft Length	Shaft Style	Finish	Mount	Mounting Centers
3352	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	1.750 [44.45]
335201	90° CC							
3353	90° CW	no	non-locking					
335301	90° CC							
3452	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	blind	1.750 [44.45]
345201	90° CC							
3455	90° CW	no	non-locking					
345501	90° CC							
3350	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	1.813 [46.04]
335001	90° CC							
3351	90° CW	no	non-locking					
335101	90° CC							
3450	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	blind	1.813 [46.04]
345001	90° CC							
3453	90° CW	no	non-locking					
345301	90° CC							
3354	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	2.000 [50.80]
335401	90° CC							
3355	90° CW	no	non-locking					
335501	90° CC							
3454	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	blind	2.000 [50.80]
345401	90° CC							
3451	90° CW	no	non-locking					
345103	90° CC							

- material: die cast zinc
- achieve NEMA 12 and IP64 enclosure access requirements when combined with escutcheon gasket sold separately, part no. **335G**
- meets ADA requirements
- includes dust shutter
- locking handles include (2) ringed keys
- front-mount handles do not include mounting screws (#10 recommended)
- blind-mount handles include (2) 10-32 x .41 [10.4] long mounting screws
- all handles include 3/8"-24 keps nuts

PAT. ADA Small L-Handles







patented

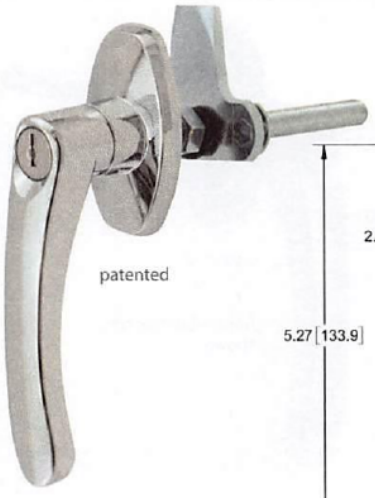
front-mount locking shown

Part Number	Rotation	Locking	Keyed (2 Keys/Lock)	Shaft Length	Shaft Style	Finish	Mount	Mounting Centers
3151	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	1.500 [38.10]
3152	90° CC							
3154	90° CW	no	non-locking					
3155	90° CC							
3251	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	blind	1.500 [38.10
3252	90° CC							
3254	90° CW	no	non-locking					
3255	90° CC							
3153	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	1.750 [44.45]
315301	90° CC							
3157	90° CW	no	non-locking					
315701	90° CC							
315304	360°	yes	CH751		non-threaded			
315403	360°	no	non-locking					
3253	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	blind	1.750 [44.45]
325301	90° CC							
3257	90° CW	no	non-locking					
325701	90° CC							
3156	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	front	1.813 [46.04]
315601	90° CC							
3159	90° CW	no	non-locking					
315901	90° CC							
3256	90° CW	yes	CH751	4.00 [101.6]	3/8" - 24 thread	chrome	blind	1.813 [46.04]
325601	90° CC							
3259	90° CW	no	non-locking					
325901	90° CC							

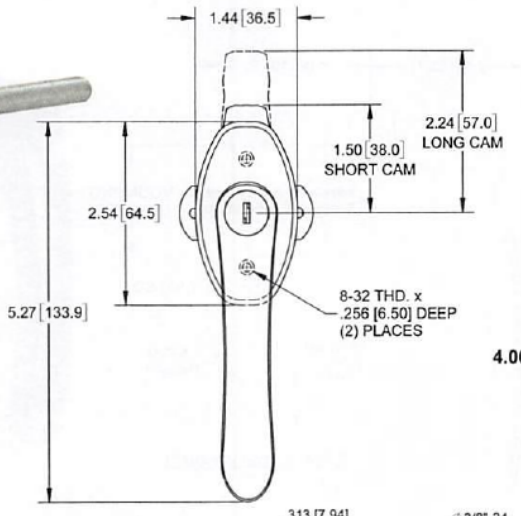
- material: die cast zinc
- achieve NEMA 12 and IP64 enclosure access requirements when combined with escutcheon gasket sold separately, part no. **315G**
- meets ADA requirements
- includes dust shutter
- locking handles include (2) ringed keys
- front-mount handles do not include mounting screws (#10 recommended)
- blind-mount handles include (2) 8-32 x .25 [6.4] long mounting screws
- all handles include 3/8"-24 keps nuts

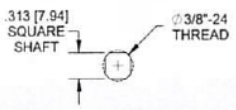
Small Chrome L-Handles with 3-Point Cam

PAT. NEMA 12 IP64 ADA

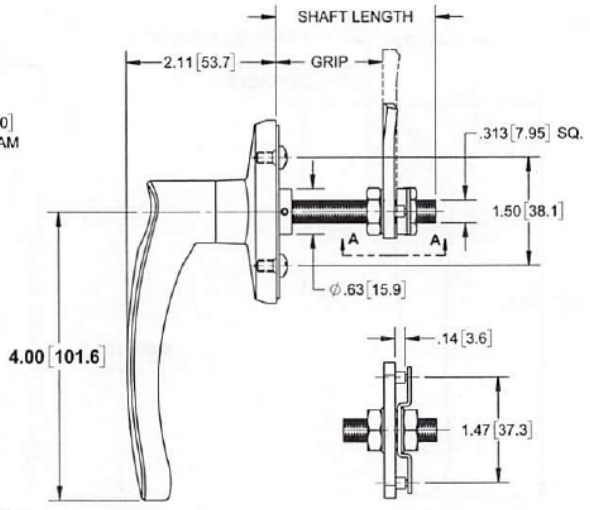


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THREADED SQUARE SHAFT

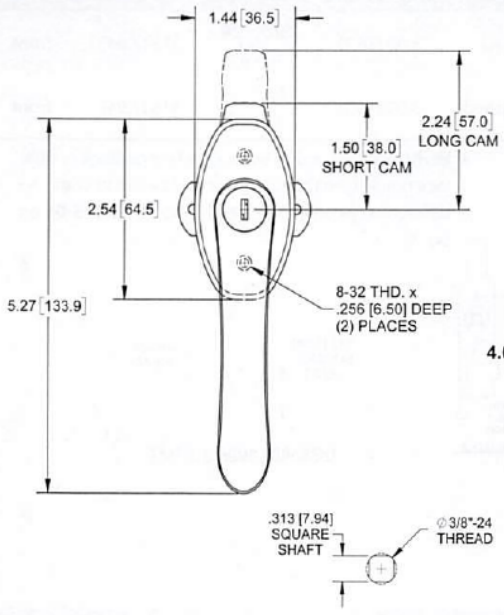


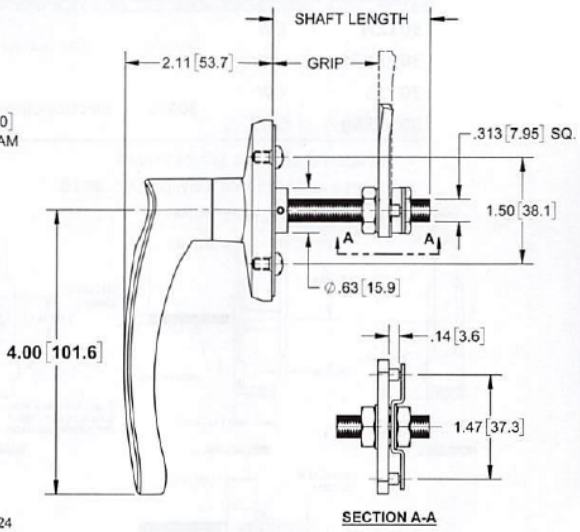
SECTION A-A

Part Number	Cam Type	Shaft Length	Grip	Rotation	Key Code
35CH-01	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]		
35CH-01L	long				
35CH-02	short	1.75 [44.5]	.63 [16.0] - 1.25 [31.8]	90° CW	non-locking
35CH-02L	long				
35CH-03	short	2.25 [57.2]	.63 [16.0] - 1.75 [44.5]		
35CH-03L	long				
36CH-01	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]		
36CH-01L	long				
36CH-02	short	1.75 [44.5]	.63 [16.0] - 1.25 [31.8]	90° CW	CH751
36CH-02L	long				
36CH-03	short	2.25 [57.2]	.63 [16.0] - 1.75 [44.5]		
36CH-03L	long				
35CH-04	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]		
35CH-04L	long				
35CH-05	short	1.74 [44.5]	.63 [16.0] - 1.25 [31.8]	90° CC	non-locking
35CH-05L	long				
35CH-06	short	2.25 [57.2]	.63 [16.0] - 1.75 [44.5]		
35CH-06L	long				
36CH-04	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]		
36CH-04L	long				
36CH-05	short	1.75 [44.5]	.63 [16.0] - 1.25 [31.8]	90° CC	CH751
36CH-05L	long				
36CH-06	short	2.25 [57.2]	.63 [16.0] - 1.75 [44.5]		
36CH-06L	long				

- material: die cast zinc
- meets ADA requirements
- locking handles include (2) ringed keys
- handles are blind-mount and include (2) 8-32 x .25 [6.4] long mounting screws
- all handles include 3/8"-24 keps nuts for the threaded shaft
- may be used with part number **723** rod, pg. 67

PAT. NEMA 12 IP64 ADA Small Black L-Handles with 3-Point Cam





SECTION A-A



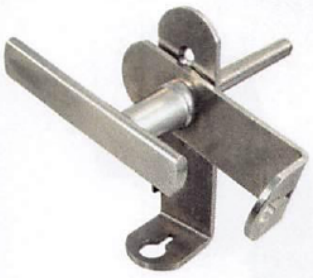
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THREADED SQUARE SHAFT

Part Number	Cam Type	Shaft Length	Grip	Rotation	Key Code
35BK-01	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]	90° CW	non-locking
35BK-01L	long				
35BK-02	short	1.75 [44.5]	.63 [16.0] - 1.25 [31.8]		
35BK-02L	long				
35BK-03	short	2.25 [57.2]	.63 [16.0] - 1.75 [44.5]		
35BK-03L	long				
36BK-01	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]	90° CW	CH751
36BK-01L	long				
36BK-02	short	1.75 [44.5]	.63 [16.0] - 1.25 [31.8]		
36BK-02L	long				
36BK-03	short	2.25 [57.2]	.63 [16.0] - 1.75 [44.5]		
36BK-03L	long				
35BK-04	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]	90° CC	non-locking
35BK-04L	long				
35BK-05	short	1.74 [44.5]	.63 [16.0] - 1.25 [31.8]		
35BK-05L	long				
35BK-06	short	2.25 [57.2]	.63 [16.0] - 1.75 [44.5]		
35BK-06L	long				
36BK-04	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]	90° CC	CH751
36BK-04L	long				
36BK-05	short	1.75 [44.5]	.63 [16.0] - 1.25 [31.8]		
36BK-05L	long				
36BK-06	short	2.25 [57.2]	.63 [16.0] - 1.75 [44.5]		
36BK-06L	long				

- material: die cast zinc
- meets ADA requirements
- locking handles include (2) ringed keys
- handles are blind-mount and include (2) 8-32 x .25 [6.4] long mounting screws
- all handles include 3/8"-24 keps nuts for the threaded shaft
- may be used with part number **723** rod, pg. 67

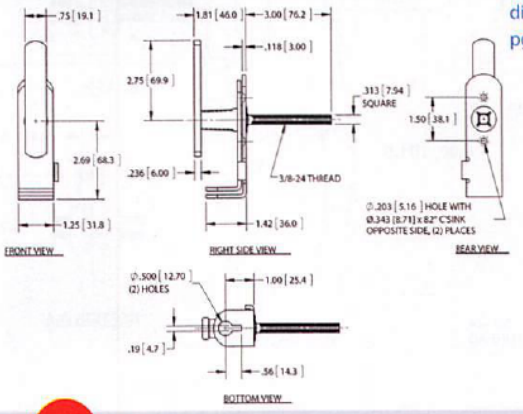
Stamped Padlocking T-Handles

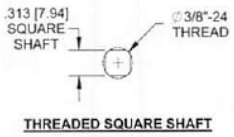


CCW rotation shown

Part No.	Rotation	Material	Finish	Shaft Length	Shaft Style	Shaft Size	Mounting
301ZN	CW	steel	zinc plated	3.00 [76.2]	3/8" - 24 thread	.313 [7.94]	front
301ZN50	CCW						
301SS	CW	304SS	electropolished	3.00 [76.2]	3/8" - 24 thread	.313 [7.94]	front
301SS50	CCW						

- threaded shaft has a 3/8-24 thread
- gasket available separately, part no. **301G**
- keyhole allows you to use a standard padlock or dual lock bracket, enabling the use of 2 padlocks with different key codes. See part no. **X125** & **X125-01** on pg. 32

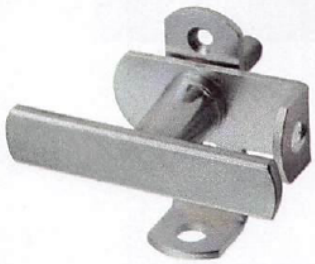




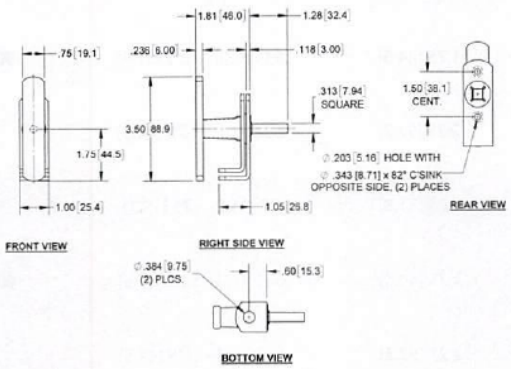
THREADED SQUARE SHAFT

Stamped Padlocking T-Handle

NEW



Part Number	Rotation	Material	Finish	Shaft Length	Shaft Style	Shaft Size	Mounting
301ZN502	360°	steel	zinc plated	1.28 [32.4]	non-threaded	.3125 [7.938] SQ.	front

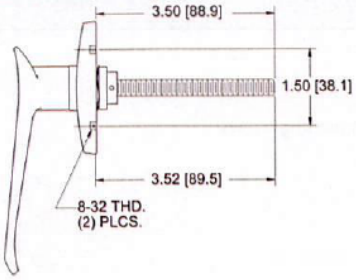


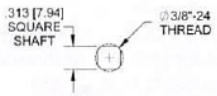
Blind Mount L-Handles



Part Number	Mount	Rotation	Shaft Style	Shaft Length	Locking	Finish	Key Code
3101	blind	90° CW	3/8" - 24 thread	3.50 [88.9]	yes	chrome	CAT60
3102		90° CC					
3103		90° CW				brushed	
3104		90° CC					
3121	blind	90° CW	3/8" - 24 thread	3.50 [88.9]	no	chrome	non-locking
3122		90° CC					
3123		90° CW				brushed	
3124		90° CC					

- material: die cast zinc
- .313 [7.94] sq. shaft
- dust shutter & (2) keys
- each handle includes: (2) mounting screws, (1) nut, (1) lock washer
- gasket available separately, part no. **312G**





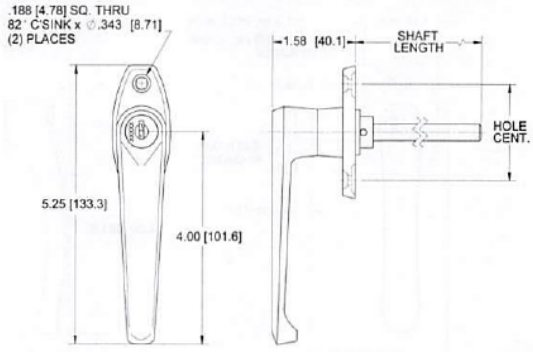
THREADED SQUARE SHAFT

Front and Blind Mount L-Handles

Part Number	Mount	Hole Cent.	90° Rotation	Shaft Style	Shaft Length	Locking	Finish	Key Code
3301	front	1.813 [46.04]	CW	non-threaded	4.00 [101.6]	yes	chrome	CH751
3302	front	1.813 [46.04]	CC		4.00 [101.6]	yes	chrome	CH751
330206	blind	1.500 [38.10]	CC		4.00 [101.6]	yes	dull chrome	CH751
330101	front	1.813 [46.04]	360°		2.00 [50.8]	yes	chrome	keyed different
330102	front	1.813 [46.04]	CW		5.50 [139.7]	yes	chrome	keyed different
330107	blind	1.500 [38.10]	CW		4.00 [101.6]	yes	dull chrome	CH751



- material: die cast zinc
- .313 [7.94] sq. shaft
- (2) keys
- mounting screws not supplied

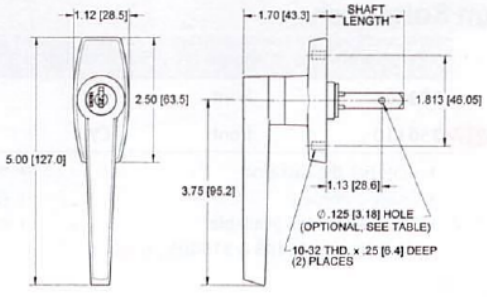


Blind Mount L-Handles

Part Number	Mount	Rotation	Shaft Style	Shaft Length	Shaft Hole	Locking	Finish	Key Code
3201	blind	90° CW	3/8" -24 thread	4.00 [101.6]	no	yes	chrome	CH751
320103	blind	90° CW	non-threaded	1.56 [39.6]	yes	yes	chrome	CH751
320106	blind	90° CW		2.50 [63.5]	no	yes	chrome	CH751
320107	blind	90° CW	3/8"-16 thread	1.44 [36.6]	no	yes	chrome	C415A
3202	blind	90° CC		4.00 [101.6]	no	yes	chrome	CH751
320201	blind	90° CC	non-threaded	1.56 [39.6]	yes	yes	chrome	CH751
320204	blind	90° CC	3/8" -16 thread	1.44 [36.6]	no	yes	chrome	C415A
3221	blind	90° CW		4.00 [101.6]	no	no	chrome	non-locking
322101	blind	90° CW	non-threaded	1.56 [39.6]	yes	no	chrome	non-locking
3222	blind	90° CC		4.00 [101.6]	no	no	chrome	non-locking
322202	blind	90° CC	3/8" -24 thread	1.56 [39.6]	no	no	chrome	non-locking

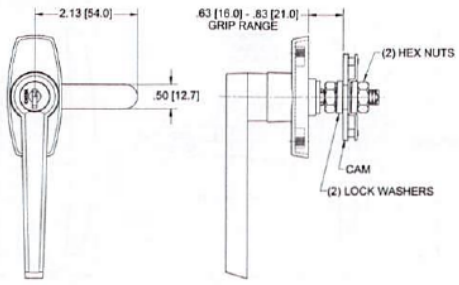


- material: die cast zinc
- achieve NEMA 12 enclosure access requirements when combined with escutcheon gasket sold separately (part no. **320G-01**)
- stock items available for immediate shipment
- .313 [7.94] sq. shafts
- 3/8"-24 threaded shafts include a keps nut
- mounting screws not supplied
- handles include o-ring
- (2) keys



Part Number	Description
320209	same as part no. **320204** except with cam and mounting hardware

- (2) mounting screws supplied
- use with part no. **723** rods, pg. 67

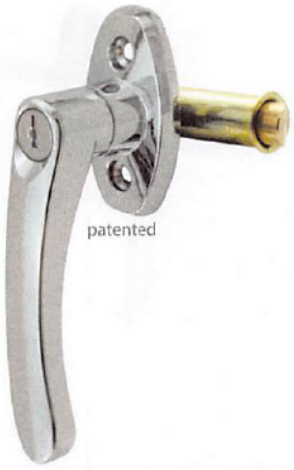




part no. **320209**

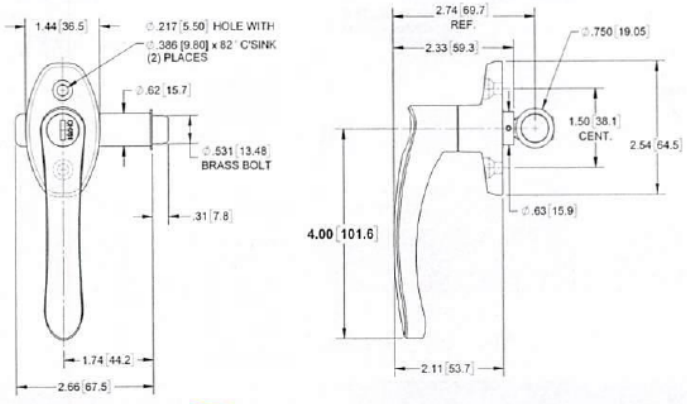
Small L-Handles with Slam Bolt Latch

PAT. NEMA 12 IP64 ADA



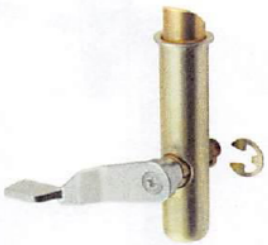
Part Number	Mount	90° Rotation	Locking	Finish	Key Code
315105	front	CW	yes	chrome	CH751
315405	front	CW	no	chrome	non-locking
325205	blind	CC	yes	chrome	CH751

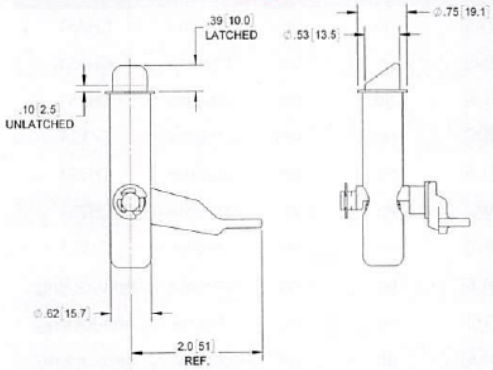
- material: die cast zinc
- includes dust shutter
- includes (2) ringed keys
- mounting screws not supplied (#10 recommended)
- components may be purchased separatel
- achieve NEMA 12 and IP64 enclosure access requirements when combined with escutcheon gasket sold separately, part no. **315G**
- meets ADA requirements
- T-Handle design available, see part no. **350105** pg. 46



Small Handle with Spring Loaded Bolt Latch

NEW





Part Number	Material	Finish
3550	die cast zinc	zinc plated

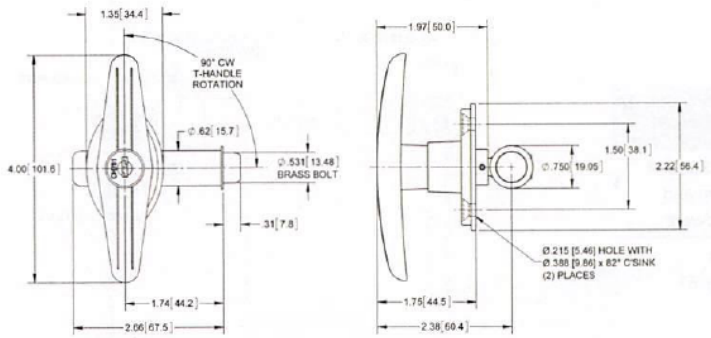
- bolt latch has steel, yellow zinc plated housing and brass bolt with mill finish
- commonly used on trash chute doors

Front Mount T-Handle with Slam Bolt Latch



Part Number	Mount	90° Rotation	Key Code	Description
350105	front	CW	CH751	key removable in both positions
NEW 350110	front	CW	CH751	key removable in locked position **only**

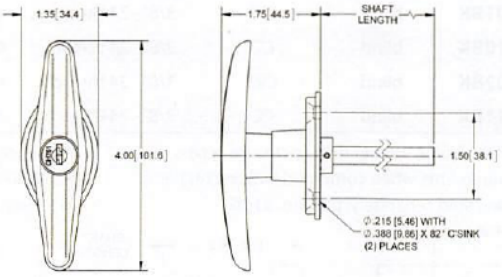
- material: die cast zinc
- finish: chrome
- L-Handle design available, see part no. **315105** & **315405** pg. 46
- mounting screws not supplied
- (2) ringed keys
- components may be purchased separately

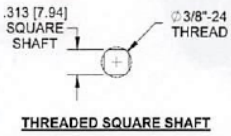


Front Mount T-Handles

Part No.	Mount	90° Rotation	Shaft Style	Shaft Length	Locking	Finish	Key Code
3501	front	CW	non-threaded	4.00 [101.6]	yes	chrome	CH751
3502	front	CC	non-threaded	4.00 [101.6]	yes	chrome	CH751
350104	front	CW	3/8"-24 thread	2.50 [63.5]	yes	black painted	CH751

- .313 [7.94] sq. shaft
- (2) keys
- material: die cast zinc
- mounting screws not supplied





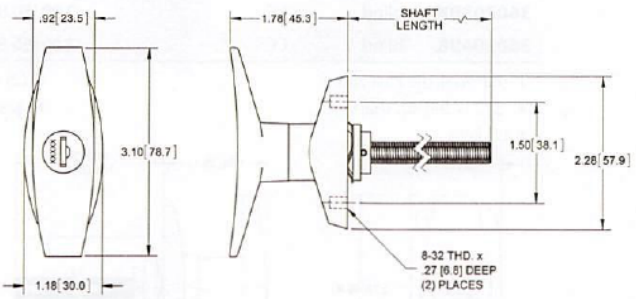
THREADED SQUARE SHAFT

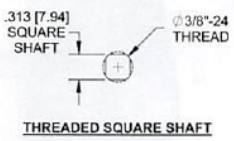


Blind Mount T-Handles

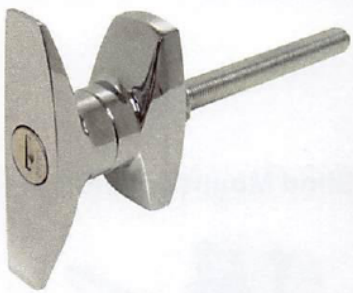
Part Number	Mount	90° Rotation	Shaft Style	Shaft Length	Locking	Finish	Key Code
3701	blind	CW	3/8"-24 thread	3.50 [88.9]	yes	chrome	CAT60
3702	blind	CC		3.50 [88.9]	yes	chrome	CAT60
3703	blind	CW		3.50 [88.9]	yes	brushed	CAT60
3704	blind	CC		3.50 [88.9]	yes	brushed	CAT60
3721	blind	CW		3.50 [88.9]	no	chrome	non-locking
3722	blind	CC		3.50 [88.9]	no	chrome	non-locking
3723	blind	CW		3.50 [88.9]	no	brushed	non-locking
3724	blind	CC		3.50 [88.9]	no	brushed	non-locking

- material: die cast zinc
- .313 [7.94] sq. shaft
- includes dust shutter
- each handle includes: (2) mounting screws, (1) nut, (1) lock washer, (2) keys
- gasket available separately, part no. **370G**
- CAT 15 key also available, but not typically stocked





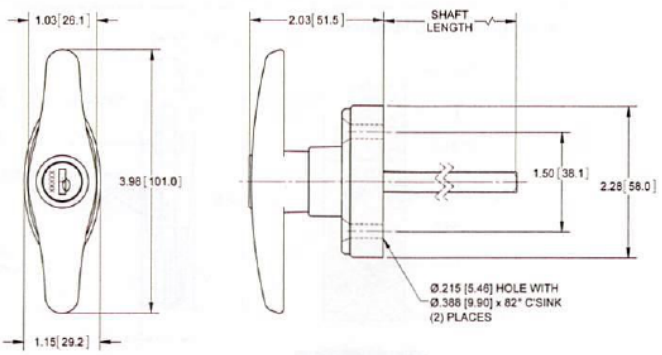
THREADED SQUARE SHAFT



Front Mount T-Handles with Tall Escutcheon

Part Number	Mount	90° Rotation	Shaft Style	Shaft Length	Locking	Finish	Key Code
3801-01	front	CW	non-threaded	5.25 [133.4]	yes	chrome	CH751 - CH824
3801-02	front	CW		3.38 [85.9]	yes	chrome	CH777 - CH824
3802	front	CC		4.00 [101.6]	yes	black e-coat	CH751

- material: die cast zinc
- .313 [7.94] sq. shafts
- includes dust shutter
- (2) keys
- mounting screws not supplied





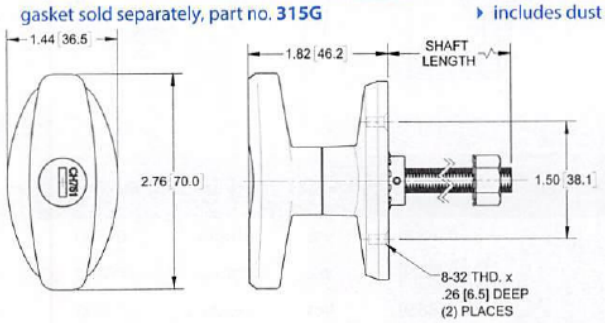
Blind Mount T-handles

NEMA 12 IP64



Part No.	Mount	90° Rotation	Shaft Style	Shaft Length	Key Code	Finish
360601	blind	CW	3/8" - 24 thread	4.00 [101.6]	CH751	chrome
360610	blind	CC	3/8" - 24 thread	4.00 [101.6]	CH751	
360602	blind	CW	3/8" - 24 thread	4.00 [101.6]	non-locking	
360611	blind	CC	3/8" - 24 thread	4.00 [101.6]	non-locking	
NEW 360601BK	blind	CW	3/8" - 24 thread	4.00 [101.6]	CH751	matte black powder coated
NEW 360610BK	blind	CC	3/8" - 24 thread	4.00 [101.6]	CH751	
NEW 360602BK	blind	CW	3/8" - 24 thread	4.00 [101.6]	non-locking	
NEW 360611BK	blind	CC	3/8" - 24 thread	4.00 [101.6]	non-locking	

- achieve NEMA 12 and IP64 enclosure access requirements when combined with escutcheon gasket sold separately, part no. **315G**
- material: die cast zinc
- .313 [7.94] sq. shaft
- includes dust shutter
- includes:
  (2) mounting screws
  (2) ringed keys
  (1) nut

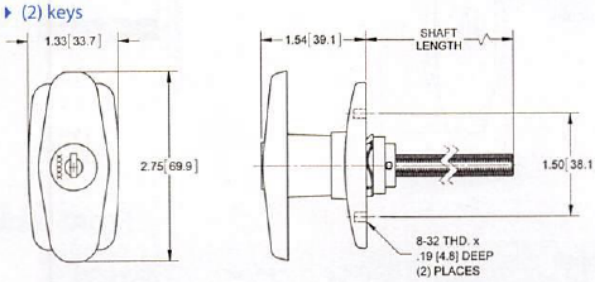


Blind Mount T-Handles



Part No.	Mount	90° Rotation	Shaft Style	Shaft Length	Locking	Finish	Key Code
3601	blind	CW	3/8" -24 thread	4.00 [101.6]	yes	chrome	CH751
3602	blind	CC		4.00 [101.6]	yes	chrome	CH751
360206	blind	CC		2.50 [63.5]	yes	brushed chrome	CH751
360207	blind	CC		2.50 [63.5]	no	brushed chrome	non-locking
360203BK	blind	CC		2.00 [50.8]	yes	matte black	AH112
360204BK	blind	CC		2.00 [50.8]	no	matte black	non-locking

- material: die cast zinc
- .313 [7.94] sq. shaft
- (2) keys
- (2) mounting screws
- gasket available separately as part no. **344G-01**

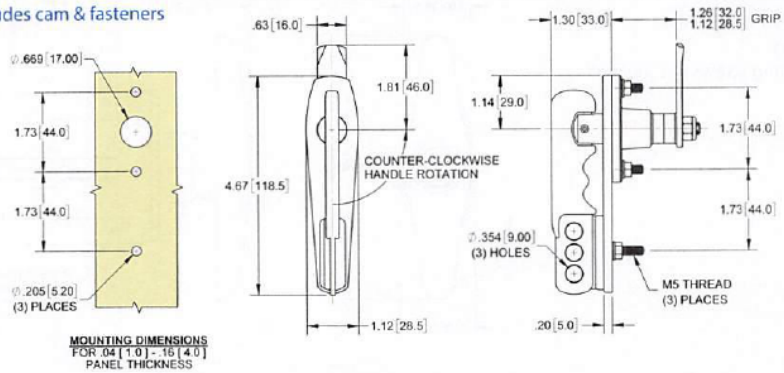


Padlocking Handle



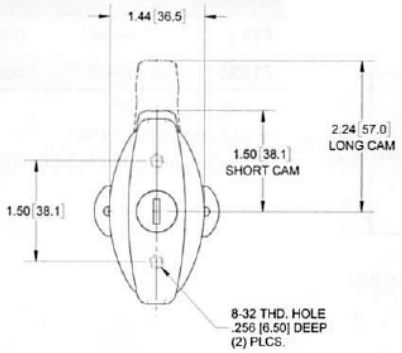
Part Number	Escutcheon		Handle	
	Material	Finish	Material	Finish
65BK-01	die cast zinc	matte black	steel with plastic over-mold	matte black powder coated

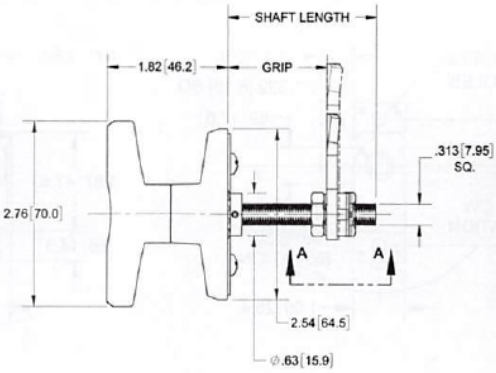
- includes cam & fasteners

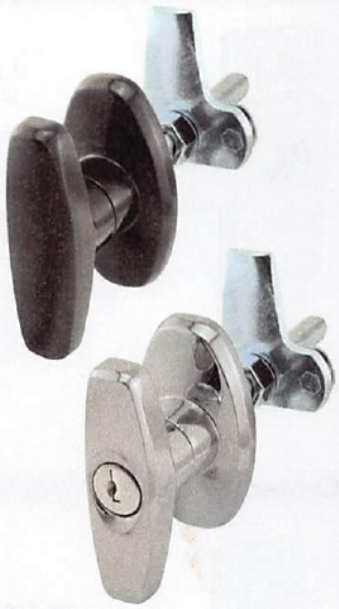


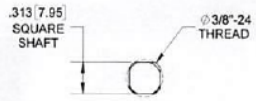
NEW PRODUCT FAMILY PAT. NEMA 12 IP64 ADA

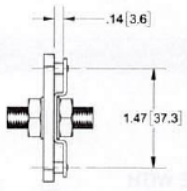
Blind Mount T -Handles with 3-Point Cam









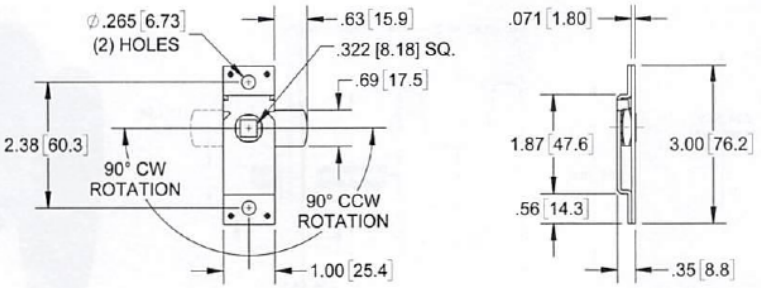


Part Number		Cam Type	Shaft Length	Grip	Rotation	Finish
Non-Locking	Locking Key Code CH751					
37BK-01	**38BK-01**	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]	90° CW	matte black powder coated
37BK-01L	**38BK-01L**	long				
37BK-02	**38BK-02**	short	1.75 [44.5]	.63 [16.0] - 1.25 [31.8]		
37BK-02L	**38BK-02L**	long				
37BK-03	**38BK-03**	short	2.25 [57.2]	.63 [16.0] -1.75 [44.5]		
37BK-03L	**38BK-03L**	long				
37BK-04	**38BK-04**	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]	90° CC	matte black powder coated
37BK-04L	**38BK-04L**	long				
37BK-05	**38BK-05**	short	1.75 [44.5]	.63 [16.0] - 1.25 [31.8]		
37BK-05L	**38BK-05L**	long				
37BK-06	**38BK-06**	short	2.25 [57.2]	.63 [16.0] -1.75 [44.5]		
37BK-06L	**38BK-06L**	long				
37CH-01	**38CH-01**	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]	90° CW	chrome plated
37CH-01L	**38CH-01L**	long				
37CH-02	**38CH-02**	short	1.75 [44.5]	.63 [16.0] - 1.25 [31.8]		
37CH-02L	**38CH-02L**	long				
37CH-03	**38CH-03**	short	2.25 [57.2]	.63 [16.0] -1.75 [44.5]		
37CH-03L	**38CH-03L**	long				
37CH-04	**38CH-04**	short	1.25 [31.8]	.63 [16.0] - .75 [19.1]	90° CC	chrome plated
37CH-04L	**38CH-04L**	long				
37CH-05	**38CH-05**	short	1.75 [44.5]	.63 [16.0] - 1.25 [31.8]		
37CH-05L	**38CH-05L**	long				
37CH-06	**38CH-06**	short	2.25 [57.2]	.63 [16.0] -1.75 [44.5]		
37CH-06L	**38CH-06L**	long				

- material: die cast zinc
- meets ADA requirements
- locking handles include (2) ringed keys, key code CH751
- handles are blind-mount and include (2) 8-32 x .25 [6.4] long mounting screws
- may be used with part number **723** rod, pg. 67

Bidirectional Compartment Latches

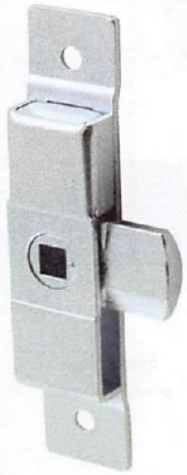


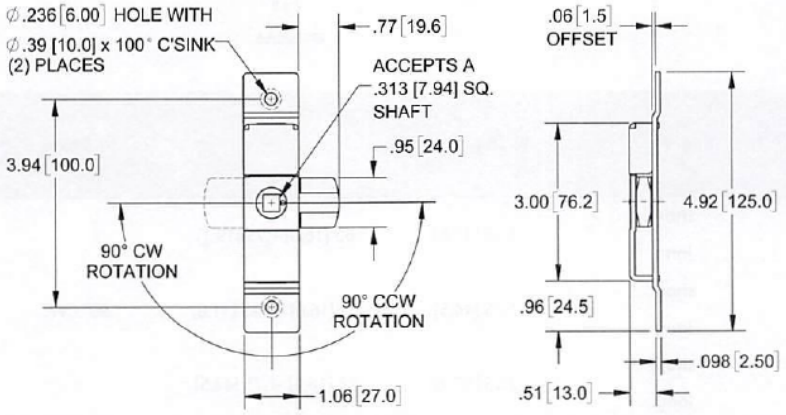


Part Number	Material	Finish
715	steel	zinc plated
715SS	304SS	passivated

- cam rotates 180°
- cam detents every 90°
- can be used as left hand or right hand

Center Case Latch



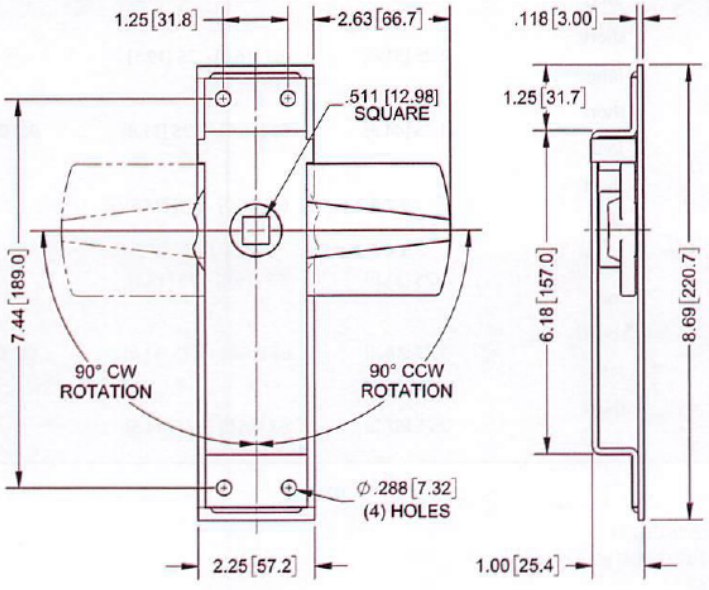


Part Number	Material	Finish
753	steel	zinc plated

- cam rotates 180°
- cam detents every 90°
- can be used as left hand or right hand

Bi-directional Center Case Latch for 1/2 [13] Sq. Shaft





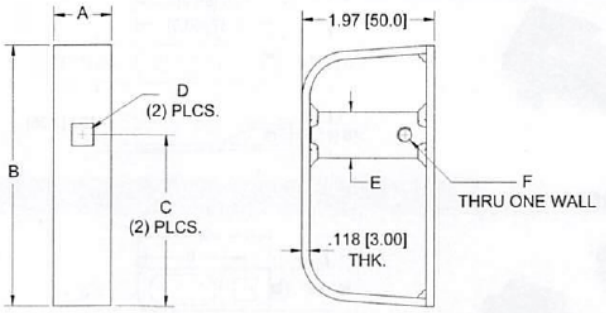
Part Number	Material	Finish
730-51	steel	zinc plated

- cam rotates 180°
- cam detents every 90°
- can be used as left hand or right hand
- no override
- see pgs. 190 and 191 for 316SS version

Inside Handles for Storage Shed

Part Number	Dim A	Dim B	Dim C	Dim D	Dim E	Dim F
365-01	.85 [21.7]	3.81 [96.9]	2.50 [63.5]	.322 [8.18] sq	Ø.67 [17.1]	M6x1 THD.
365-02	1.18 [30.0]	5.00 [127.0]	3.37 [85.70]	.511 [13.0] sq	Ø1.05 [26.67]	1/4-20 THD.

- material: steel finish: zinc plated
- **365-01** handle attaches to .313 [7.94] sq. shaft by tightening included set screw
- **365-02** handle attaches to .500 [12.70] shaft by tightening included set screw

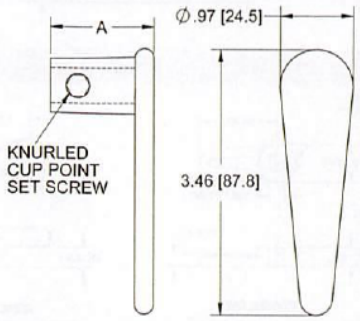




Inside L-Handles

Part Number	Material	Finish	Dim A
354	die cast zinc	hand polished chrome plated	1.38 [35.0]
354-01	die cast zinc	hand polished chrome plated	.88 [22.4]

- handle attaches to .313 [7.94] sq. shaft by tightening included set screw

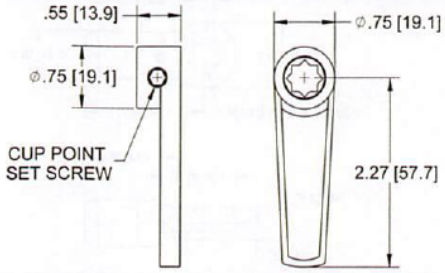




Light Duty Inside L-Handles

Part Number	Material	Finish
352	die cast zinc	mill
352CH	die cast zinc	chrome plated

- handle attaches to .313 [7.94] sq. shaft by tightening included set screw

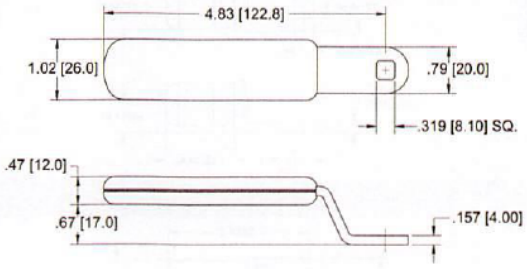




Steel Inside Handles with Red Plastic Grip

Part Number	Description
364-01	In-line handle (90° angle)
364-02	diagonal handle (45° angle)

- material: steel handle with plastic grip
- finish: zinc plated handle with red textured grip
- for use on handles with a .313 [7.94] sq. shaft

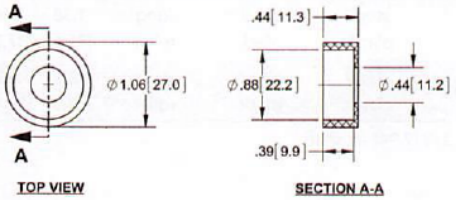




Cam Spacer

Part No.	Material	Finish
319	nylon	black



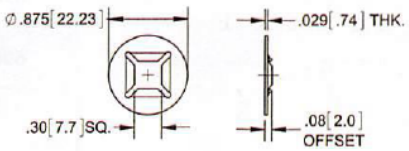


Push-on Nut

Part No.	Material	Finish
359	steel	Phosphate

- for use on .313 [7.94] sq. shafts



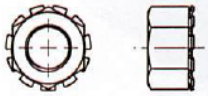


3/8" - 24 Keps Nut

Part No.	Material	Finish
361	steel	zinc plated

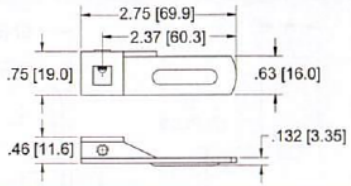
- for use on threaded .313 [7.94] sq. shafts





Single Point Cam



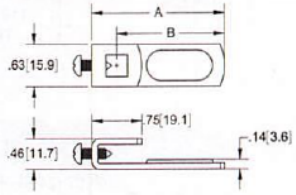


Part Number	Material	Finish
C3	steel	yellow zinc plated

▸ for .313 [7.94] sq. shaft

Single Point Cams

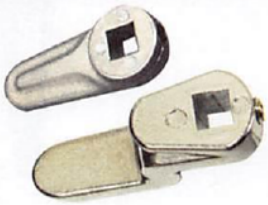


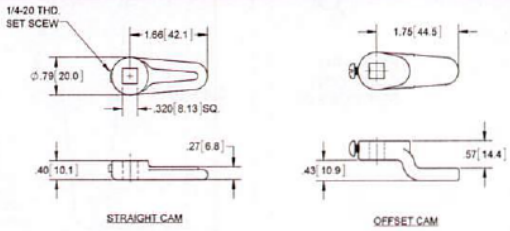


Part Number	Material	Finish	A	B
C14	steel	zinc plated	2.00 [50.8]	1.63 [41.4]
C16	steel	zinc plated	3.00 [76.2]	2.63 [66.8]

▸ for .313 [7.94] sq. shaft

Single Point Cams



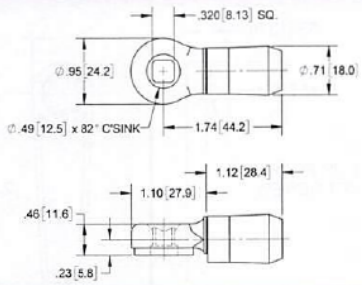


Part Number	Style	Material	Finish
C15	straight	die cast zinc	mill
C15-01	offset	die cast zinc	zinc plated

▸ for .313 [7.94] sq. shaft

Roller Cam



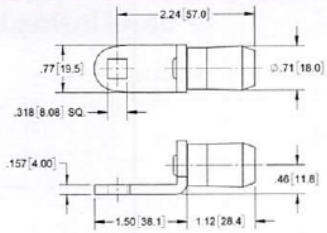


Part Number	Material	Finish
697	die cast zinc/plastic	zinc/black

▸ for .313 [7.94] sq. shaft

Roller Cam



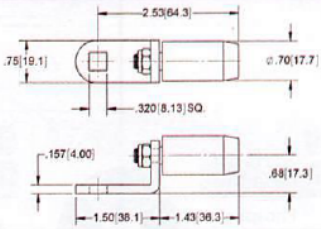


Part Number	Material	Finish
697-01	304SS/plastic	passivated/black

▸ for .313 [7.94] sq. shaft

Roller Cam





Part Number	Material	Finish
698	steel/plastic	zinc/black

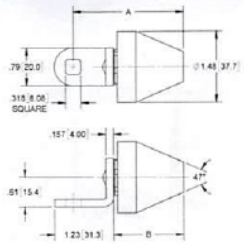
▸ for .313 [7.94] sq. shaft

Roller Cams

NEW PRODUCT FAMILY

short roller (**p/n 696-01**) shown





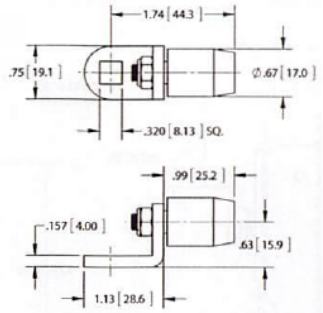
Part No.	Material	Finish	Description	A	B
696	steel/ plastic	zinc/ black	long roller	1.38 [35.1]	1.46 [37.2]
696-01	steel/ plastic	zinc/ black	short roller	.87 [22.0]	.96 [24.4]

▸ for .313 [7.94] sq. shaft

Roller Cam

Part Number	Material	Finish
699	steel/plastic	zinc/natural

- for .313 [7.94] sq. shaft
- riveted assembly available instead of screw & nut as part no. NEW 699-50

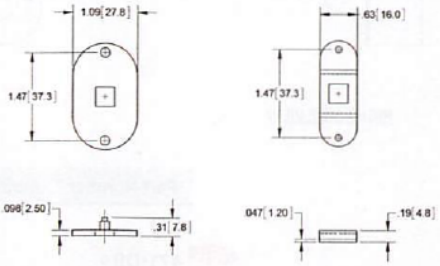




Two Point Cam and Cover Kit

Part Number	Material	Finish
C4-01	steel	zinc plated

- for .313 [7.94] sq. shaft
- use with part no. **723** rods, pg. 67
- cam and cover kits are shipped separately in bulk

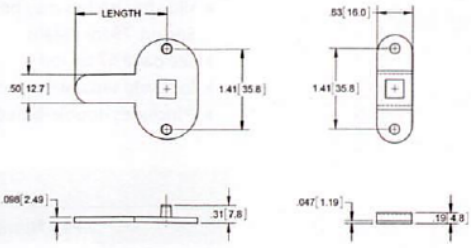




Three Point Cam and Cover Kit

Part Number	Length	Material	Finish
C8-01	2.50 [63.5]	steel	zinc plated
C8-02	2.13 [54.1]	steel	zinc plated

- for .313 [7.94] sq. shaft
- use with part no. **723** rods, pg. 67
- cam and cover kits are shipped separately in bulk

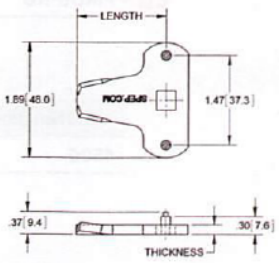




Three Point Cams

Part Number	Length	Thickness	Material	Finish
C21	1.50 [38.1]	.157 [4.00]	steel	zinc plated
C22	2.25 [57.2]	.189 [4.80]	steel	zinc plated

- for .313 [7.94] sq. shaft
- use with part no. **723** rods, pg. 67
- cam cover available, part no. **C5**

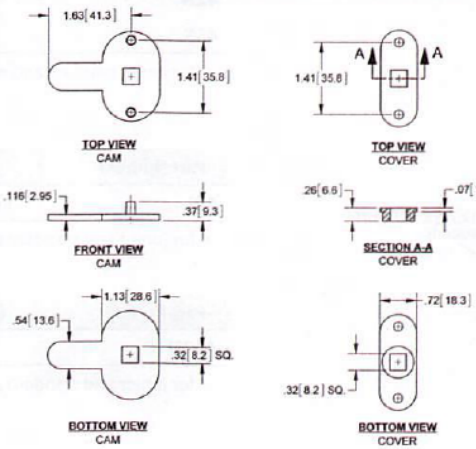




Three Point Cam Kit

Part Number	Material	Finish
C11-01	die cast zinc	zinc plated

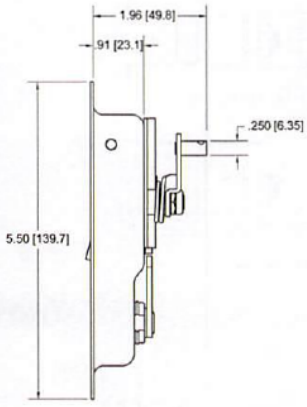
- for .313 [7.94] sq. shaft
- use with part no. **723** rods, pg. 67



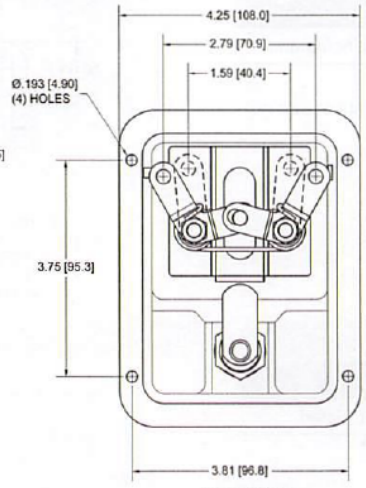


Two-Point Standard Paddle Handles, Flush Mounted

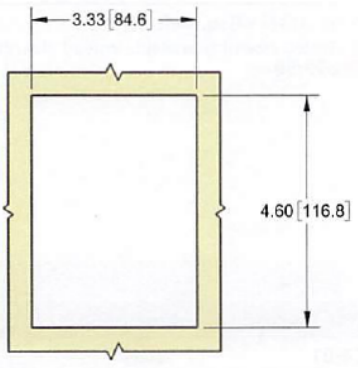




RIGHT SIDE VIEW



BACK VIEW



MOUNTING DIMENSIONS

Part Number	Mounting Holes	Material	Finish	Lock Included
471	no	steel	electro-galvanized	no
NEW **471-DB‡**	no	steel	electro-galvanized	yes
473	yes	304SS	polished	no
NEW **473-DB‡**	yes	304SS	polished	yes

- slide bar latches may be used with two-point standard paddle handle. See pg. 79 for details
- see page 67 for rod
- lock sold separately (see available codes below)
- ‡ includes double-bitted lock and keys part no. **PMDB-KD** (10 key codes available)



Available Key Codes	
Part Number	Key Code
PMCH545	CH545
PMSP1	SP1
NEW **PMDB-KD**	double bitted (10 key codes available)

Accessories (Sold Separately)

part no. 450G



Part Number	Description	Material	Finish
450G	standard paddle handle gasket	neoprene	black

part no. 4ZN



Part Number	Description	Material	Finish
4ZN	inside release ring	steel	zinc plated
4SS	inside release ring	316SS	passivated

- for junior paddle handles only

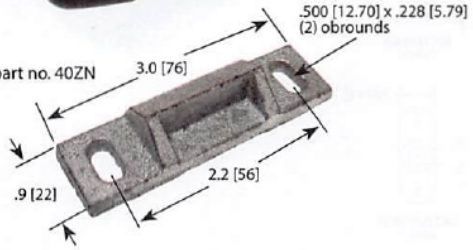
part no. 4PL



Part Number	Description	Material	Finish
4PL	inside release knob	plastic	zinc plated

- for junior and standard paddle handles

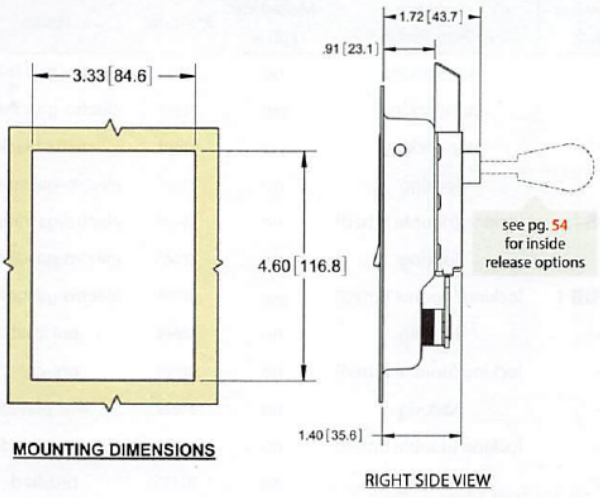
part no. 40ZN

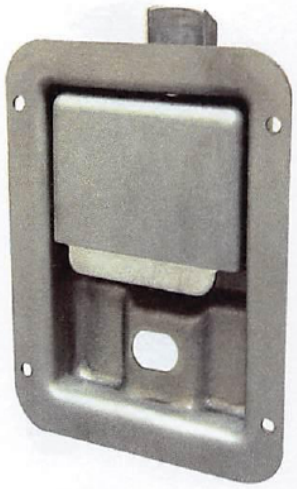


Part Number	Description	Material	Finish
40ZN	striker	sand cast steel	zinc plated

- for junior and standard paddle handles

Standard Paddle Handles with Inside Release





Part Number	Locking or Non-locking	Mounting Holes	Material	Finish	Lock Included
460	non-locking	no	steel	electro-galvanized	no
460H	non-locking	yes	steel	electro-galvanized	no
461*	locking	no	steel	electro-galvanized	no
NEW **461-DB‡**	locking (double-bitted)	no	steel	electro-galvanized	yes
461NR	locking	no	steel	electro-galvanized	no
NEW **461NR-DB‡**	locking (double-bitted)	no	steel	electro-galvanized	yes
461H*	locking	yes	steel	electro-galvanized	no
NEW **461H-DB‡**	locking (double-bitted)	yes	steel	electro-galvanized	yes
461HNR	locking	yes	steel	electro-galvanized	no
NEW **461HNR-DB‡**	locking (double-bitted)	yes	steel	electro-galvanized	yes
462	non-locking	yes	304SS	hand polished	no
463*	locking	yes	304SS	hand polished	no
NEW **463-DB‡**	locking (double-bitted)	yes	304SS	hand polished	yes
463NR	locking	yes	304SS	hand polished	no
NEW **463NR-DB‡**	locking (double-bitted)	yes	304SS	hand polished	yes

- (*) these handles have threaded holes for inside release option shown on pg. 54 (sold separately)
- flush mounted
- bolts are made of die cast zinc
- cam locks are sold separately (see standard paddle handle tables below)
- ‡ includes double-bitted lock and keys part no. **PNDB-KD** (10 key codes available)

Lock Sold Separately for Standard Paddle Handles

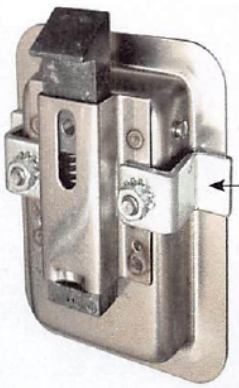
Available Key Codes	
Part Number	Key Code
PNBH034	BH034
PNCH501	CH501
PNCH502	CH502
PNCH503	CH503
PNCH504	CH504
PNCH507	CH507

Available Key Codes	
Part Number	Key Code
PNCH509	CH509
PNCH510	CH510
PNCH545	CH545
PNLL72	LL72
PNSP1	SP1
NEW **PNDB-KD**	double bitted (10 key codes available)



Junior Paddle Handles with Inside Release





▲ part no.
40502
40502ZN
40502SS
40801

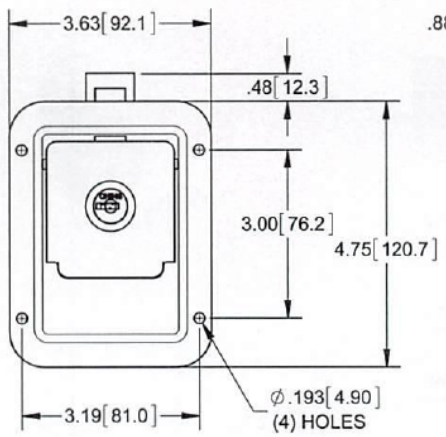
Part Number Standard Bolt	Part Number Flat Bolt	Locking or Non-locking	Mounting Holes	Material	Finish
404	**404A**	non-locking	no	steel	electro-galvanized
404H	**404AH**	non-locking	yes	steel	electro-galvanized
404H02	---	non-locking	yes	steel	matte black
405	**405A**	locking	no	steel	electro-galvanized
NEW **405-DB** ‡	**405A-DB** ‡	locking (double bitted)	no	steel	electro-galvanized
405H	**405AH**	locking	yes	steel	electro-galvanized
NEW **405H-DB** ‡	**405AH-DB** ‡	locking (double bitted)	yes	steel	electro-galvanized
40502 ▲	---	locking	no	steel	pre-coat
NEW **40502-DB** ‡	---	locking (double bitted)	no	steel	pre-coat
40502ZN ▲	---	locking	no	steel	zinc plated
NEW **40502ZN-DB** ‡	---	locking (double bitted)	no	steel	zinc plated
NEW **40502SS** ▲	---	locking	no	304SS	brushed
407	**407A**	locking	yes	304SS	hand polished
NEW **407-DB** ‡	**407A-DB** ‡	locking (double bitted)	yes	304SS	hand polished
408	**408A**	non-locking	yes	304SS	hand polished
40801 ▲	---	non-locking	no	304SS	brushed

- SP1 key code supplied unless otherwise specified (see additional key codes tables below)
- ▲ latch retaining clip included
- handles can be used with an optional inside release to allow handle to be opened from interior of enclosure, see pg. 54
- electro-galvanized surface allows better paint adhesion than a zinc plated surface
- all bolts are made of die cast zinc
- neoprene gasket available (part no. **400G**)
- suggested cut-out hole: 2.75 [69.9] x 3.88 [98.6]
- ‡ includes double-bitted lock and keys part no. **PLSDB-KD** NEW (10 key codes available)

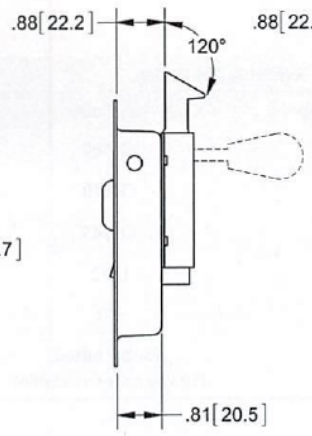
Junior Paddle Handle Additional Key Codes Available Upon Request

Available Key Codes	
Part Number	Key Code
PLSCH509	CH509
PLSCH510	CH510
PLSCH545	CH545
PLSCH751	CH751
PLSSP1	SP1
NEW **PLSDB-KD**	double bitted (10 key codes available)

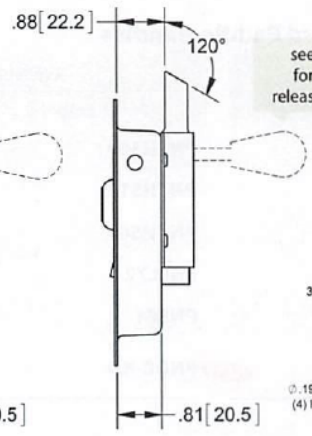
Available Key Codes	
Part Number	Key Code
PLSCH501	CH501
PLSCH502	CH502
PLSCH503	CH503
PLSCH504	CH504
PLSCH507	CH507



FRONT VIEW

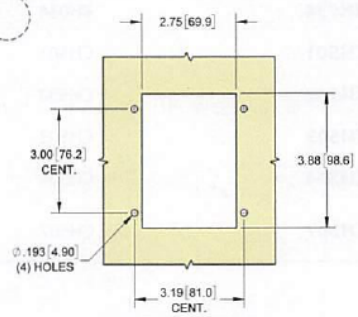


RIGHT SIDE VIEW
STANDARD BOLT



RIGHT SIDE VIEW
FLAT BOLT

see pg. 54
for inside
release options



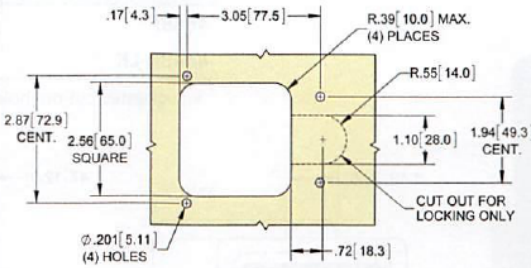
MOUNTING DIMENSIONS

Download 3D MODELS @ www.spep.com

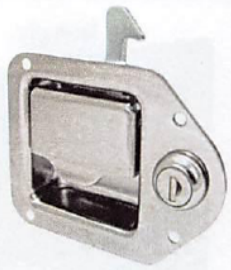
Cam Latching Stainless Steel Paddle Handles

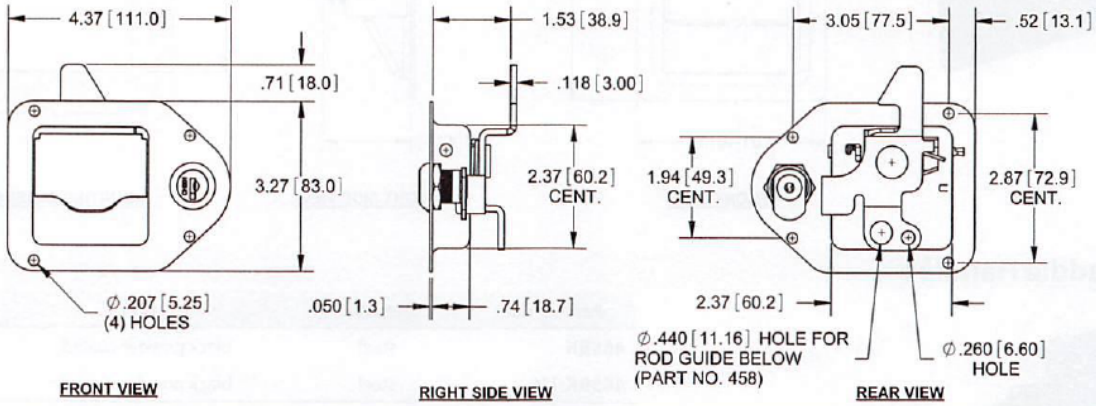
Part Number	Material	Finish	Key Code	Mounting Holes
457	430SS	polished	non-locking	yes
NEW 457-DB ‡	430SS	polished	double bitted	yes
457-501	430SS	polished	CH501	yes
457-545	430SS	polished	CH545	yes

- additional key codes available with minimum order quantities
- locking latches include (2) ringed keys
- gasket for both locking & non-locking handles available as part no. **457G**
- ‡includes double-bitted lock and keys part no. **PLSDB-KD** NEW (10 key codes available)



MOUNTING DIMENSIONS



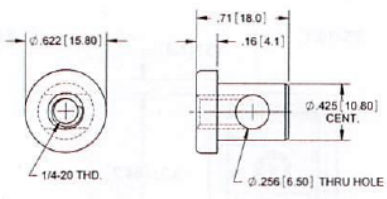


FRONT VIEW | RIGHT SIDE VIEW | REAR VIEW

Rod Guide with Set Screw

Part Number	Material	Finish
458	die cast zinc	yellow zinc

- includes steel set screw
- used on part no. **457, 457-501** and **457-545**



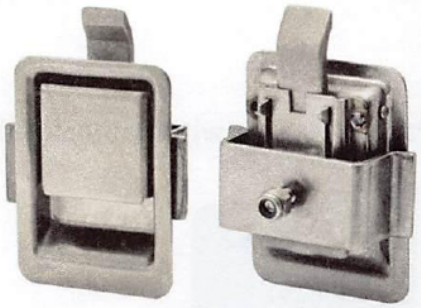
FRONT VIEW | RIGHT SIDE VIEW | SET SCREW

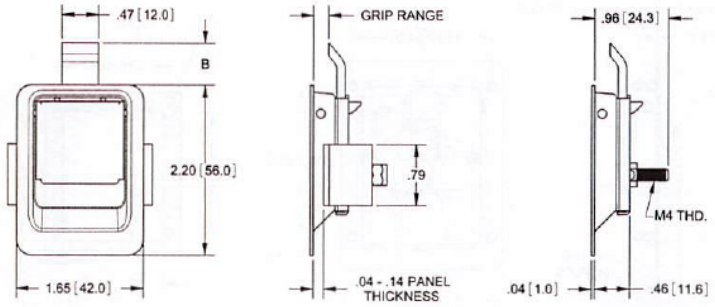


304SS Small Paddle Handles with Brushed Finish

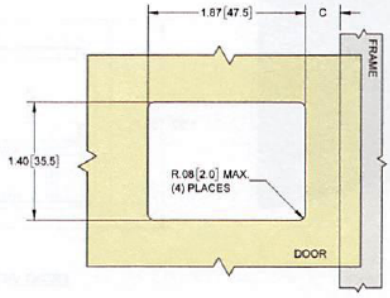
Part Number	Grip Range (min. - max.)	B	Cut-out Dim C (min. - max.)
454SS01	.05 [1.2] - .08 [2.0]	.45 [11.5]	.41 [10.4] - .50 [12.7]
454SS02	.08 [2.0] - .11 [2.8]	.48 [12.0]	.44 [11.2] - .53 [13.5]
454SS03	.11 [2.8] - .14 [3.6]	.48 [12.0]	.47 [11.9] - .56 [14.2]
454SS	.14 [3.6] - .16 [4.1]	.54 [13.8]	.35 [9.0] - .39 [10.0]

- includes mounting bracket and nylon lock nut
- low profile design





FRONT VIEW WITH MOUNTING BRACKET | RIGHT SIDE VIEW WITH MOUNTING BRACKET | RIGHT SIDE VIEW WITHOUT MOUNTING BRACKET



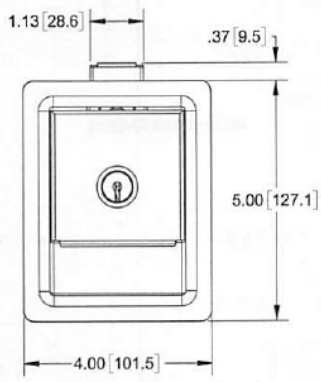
MOUNTING DIMENSIONS

Large Paddle Handles

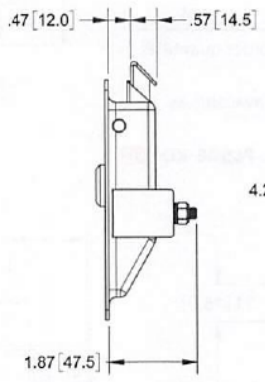


Part Number	Material	Finish	Key Code
466BK	steel	black powder coated	non-locking
466BK-LK	steel	black powder coated	K160

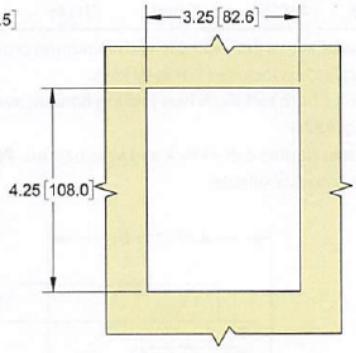
- suggested cut-out hole: 4.25 [108.0 x 3.25 [82.6]



FRONT VIEW



RIGHT SIDE VIEW



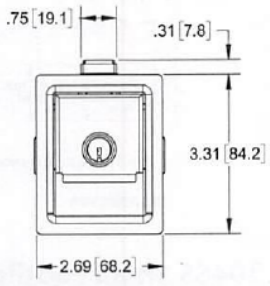
MOUNTING DIMENSIONS

Medium Paddle Handles

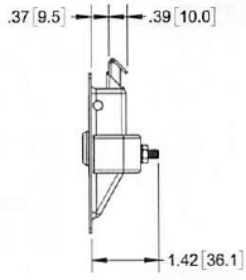


Part Number	Material	Finish	Key Code
465BK	steel	black powder coated	non-locking
465BK-LK	steel	black powder coated	K330

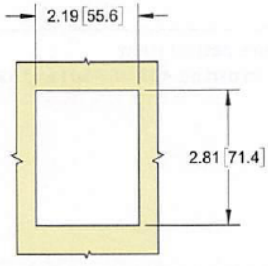
- suggested cut-out hole: 2.81 [71.4] x 2.19 [55.6]



FRONT VIEW



RIGHT SIDE VIEW



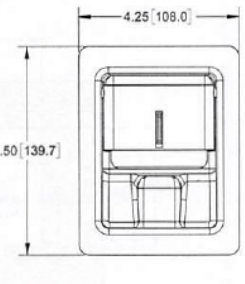
MOUNTING DIMENSIONS

Paddle Handle with Padlock Tab

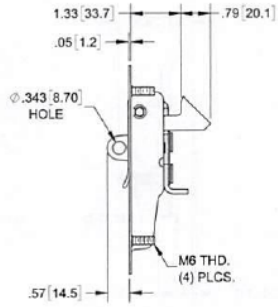


Part Number	Material	Finish	Key Locking
467BK-01	steel	zinc plated then black powder coated	no

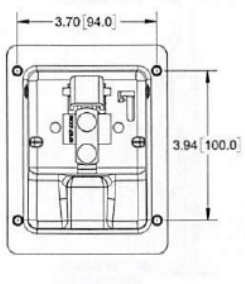
- accepts up to 5/16" padlock



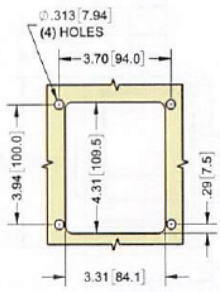
FRONT VIEW



RIGHT SIDE VIEW



REAR VIEW



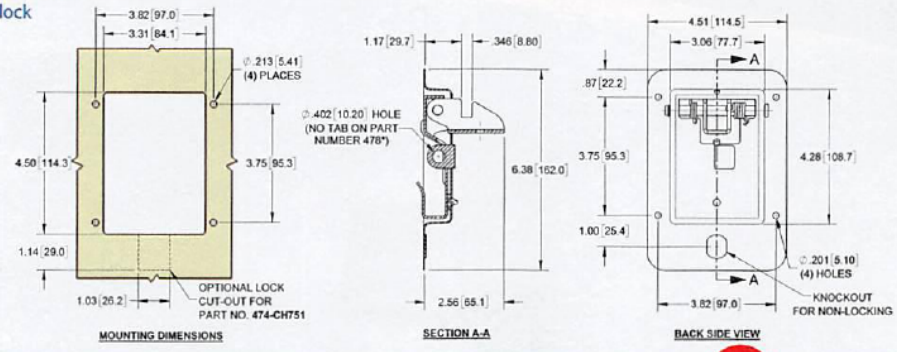
MOUNTING DIMENSIONS

Paddle Handles with Padlock Tab

Part No.	Material	Finish	Cam Lock / Key Code	Mounting Holes
474	steel	black powder coated	none	yes
474-CH751	steel	black powder coated	CH751	yes



- pivoting catch allows for door and frame flexing on off-road and agricultural vehicles
- spring loaded components prevent vibration
- reverse paddle design allows for use on top hinged doors
- non-locking latch has a knockout covering hole
- accepts up to 3/8" padlock

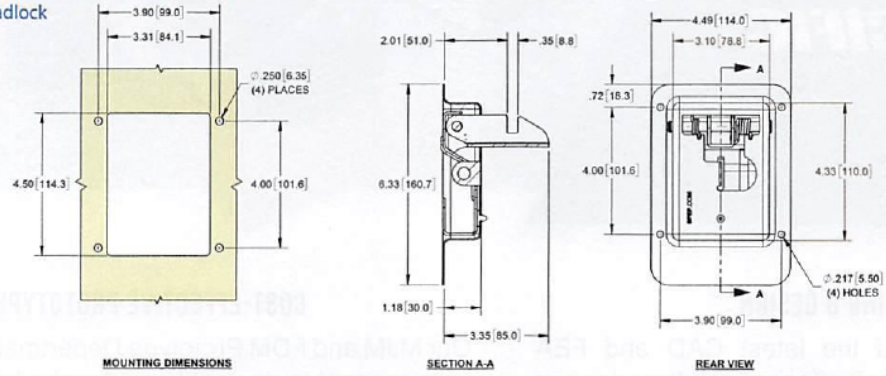


NEW Padlockable Paddle Handle

Part No.	Material	Finish	Cam Lock / Key Code	Mounting Holes
474-04	steel	black powder coated	none	yes



- pivoting catch allows for door and frame flexing on off-road and agricultural vehicles
- spring loaded components prevent vibration
- reverse paddle design allows for use on top hinged doors
- accepts up to 3/8" padlock

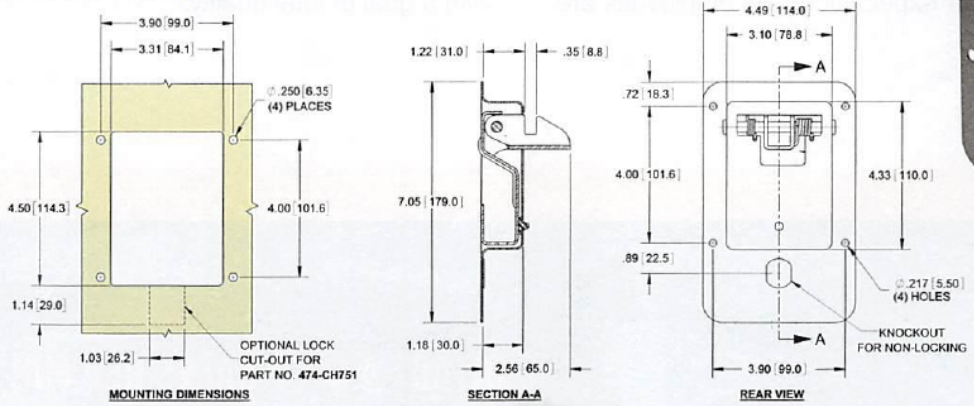


Paddle Handles with No Padlock Tab

Part No.	Material	Finish	Cam Lock / Key Code	Mounting Holes
478	steel	black powder coated	none	yes
478-01	steel	black powder coated	CH751	yes



- pivoting catch allows for door and frame flexing on off-road and agricultural vehicles
- spring loaded components prevent vibration
- reverse paddle design allows for use on top hinged doors
- non-locking latch has a knockout covering hole



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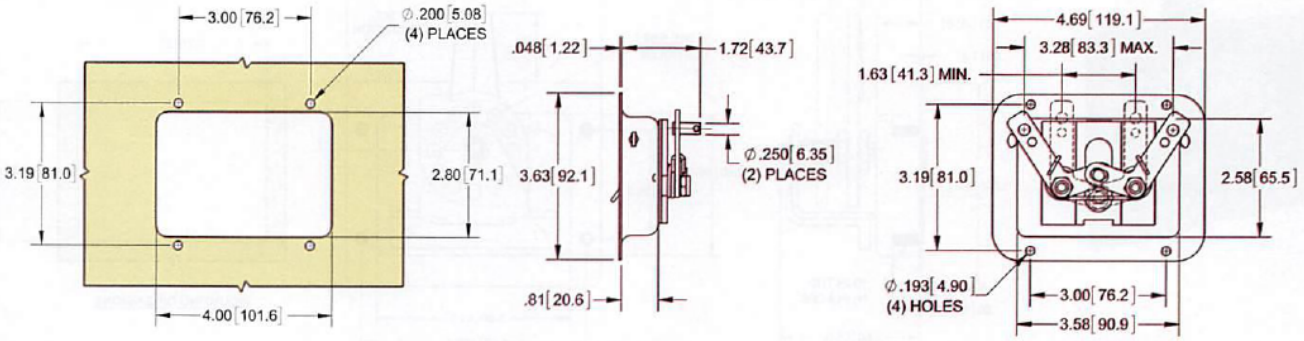
order@spep.com

Two-Point Flush Paddle Handle

Part Number	Material	Finish
402	steel	semi-gloss black powder coated

- for use with rod or cable system
(see page 67 for rods and accessories)



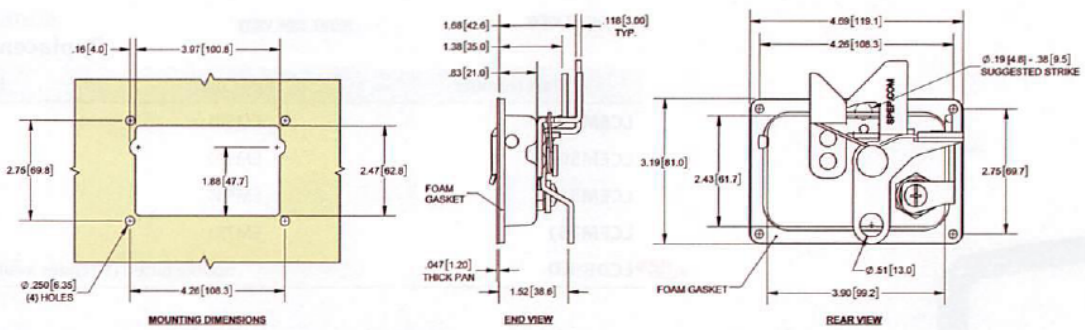


Locking Paddle Handles

Part Number	Pan Material/Finish	Handle Material/Finish
459-T001	steel / black matte powder coated	steel / polished chrome plated
459BK-T001	steel / black matte powder coated	steel / black matte powder coated
459CH-T001	steel / polished chrome plated	steel / polished chrome plated

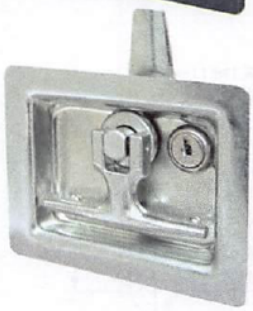
- key code T001
- includes 2 ringed keys
- includes foam gasket
- slam override function for automatic locking feature





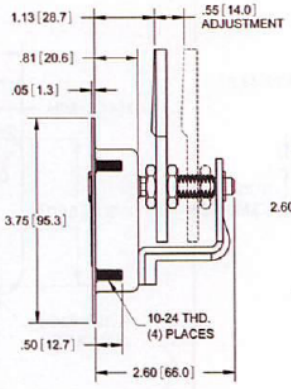
Single Point Folding T-Handles



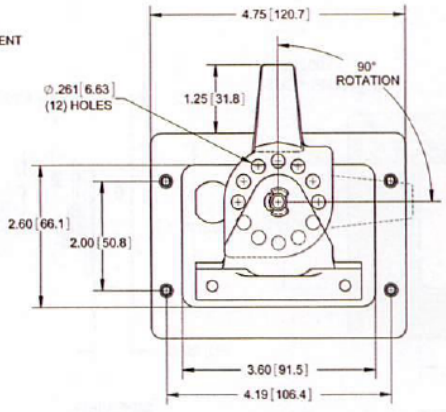


Part Number	Key Code	Finish
486RH-01	non-locking	matte black powder coated
486LH-01	non-locking	
486RH-751	CH751	zinc plated
486LH-751	CH751	

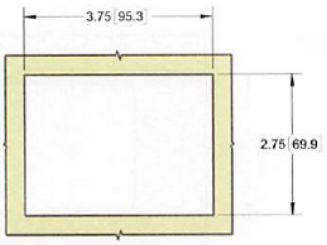
- material: steel
- locking part numbers include cam lock with (2) ringed keys
- cam has multiple holes for optional multi-point installation



RIGHT SIDE VIEW
RIGHT HAND SHOWN

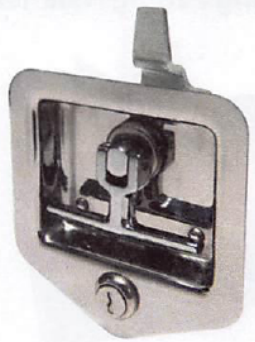


REAR VIEW
RIGHT HAND SHOWN



MOUNTING DIMENSIONS

Single Point Locking T-Handle with Offset Cam



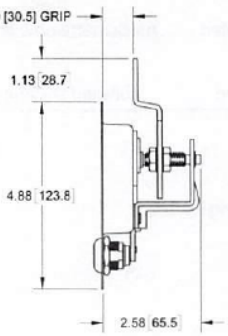
replacement cam locks available. see table below.

Part Number	Key Code	Equivalent Key Code	Pan Material/ Finish	Holes	Pan Thickness	Handle Material
484-502-01	EM502	CH502	430SS pan only / polished	no	18 gauge	die cast zinc

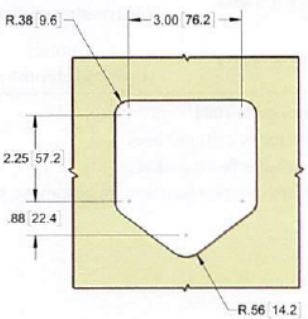
- features adjustable cam



FRONT VIEW



RIGHT SIDE VIEW



MOUNTING DIMENSIONS

Replacement Cam Locks

Part Number	Key Code	Equivalent
LCEM501	EM501	CH501
LCEM502	EM502	CH502
LCEM545	EM545	CH545
LCEM751	EM751	CH751
NEW **LCDB-KD**	double bitted (10 codes available)	



Folding T-Handle Gasket

Part Number	Description
480G	folding T-handle gasket

- for use with part no. **484-502-01** and T-handles on page 63

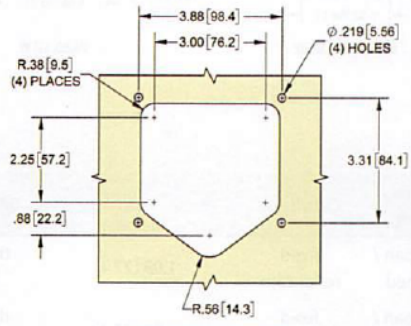
Three-Point Locking T-Handles

Part Number	Key Code	Equivalent Key Code	Material/ Finish	Holes	Pan Thickness	Handle Material
475-501	EM501	CH501	steel / zinc plated	no	18 gauge	die cast zinc
475-502	EM502	CH502		no		
475-545	EM545	CH545		no		
NEW **475-DB** ‡	double bitted (10 codes available)			no		
476-501-01	EM501	CH501	steel / chrome plated	yes	18 gauge	die cast zinc
477-501	EM501	CH501	304SS pan only / polished	yes	18 gauge	die cast zinc
477-502	EM502	CH502		yes		
477-545	EM545	CH545		yes		
NEW **477-DB** ‡	double bitted (10 codes available)			yes		

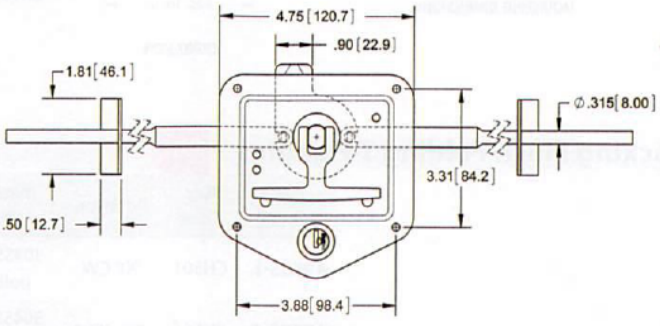


- includes (2) Ø.315 [8.00] x 48 [1,219] long rods, zinc plated and rod guides
- ‡ includes double-bitted lock and keys (**10** key codes available)
- gasket part no. **480G**, see page 62

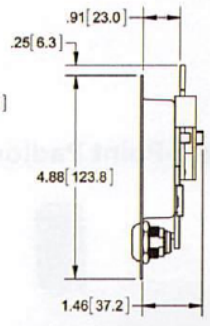
replacement cam locks available. see table at the bottom of the pg. 62



MOUNTING DIMENSIONS



FRONT VIEW

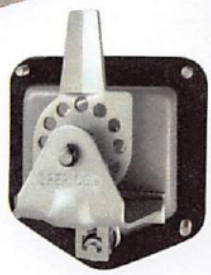


RIGHT SIDE VIEW

Single-Point Locking T-Handles

Part Number	Key Code	Equivalent Key Code	Material/ Finish	Mounting	Pan Thickness	Handle Material
480-501	EM501	CH501	steel / zinc plated	none	18 gauge	die cast zinc
480-502	EM502	CH502		none		
480-545	EM545	CH545		none		
480-751	EM751	CH751		none		
NEW **480-DB** ‡	double bitted (10 codes available)			none		
484-751	EM751	CH751	430SS pan only / polished	holes	18 gauge	die cast zinc
484-501	EM501	CH501		holes		
484-502	EM502	CH502		holes		
484-545	EM545	CH545		holes		
NEW **484-DB** ‡	double bitted (10 codes available)			holes		
494-501-01	EM501	CH501		threaded studs		
NEW **494-545-01**	CH545	---		threaded studs		

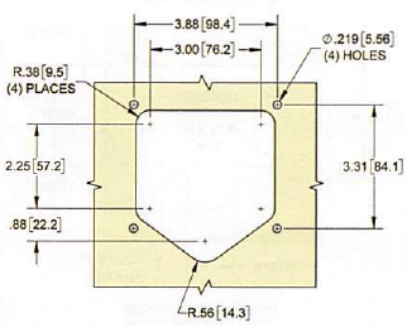




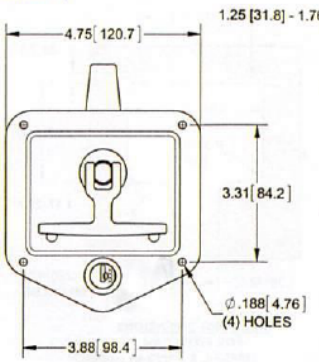
parts no. **494-501-01** and **494-545-01** have *threaded studs* and a gasket as shown.

- cam has multiple holes for optional multi-point installation
- features adjustable cam
- ‡ includes double-bitted lock and keys (**10** key codes available)
- gasket part no. **480G**, see page 62
- see page 67 for rod

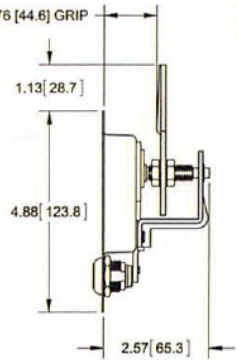
replacement cam locks available. see table at the bottom of the pg. 62



MOUNTING DIMENSIONS



FRONT VIEW



RIGHT SIDE VIEW

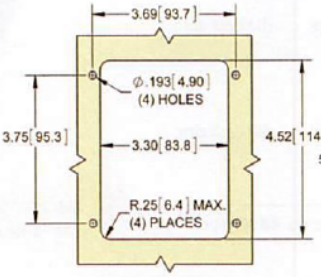
Single-Point Folding T-Handles with Nylon Roller Cam PAT.

Part Number	Material	Finish	Locking	Holes/Studs
479-KD	304SS	polished face	yes	holes
489-KD	304SS	polished face	yes	studs

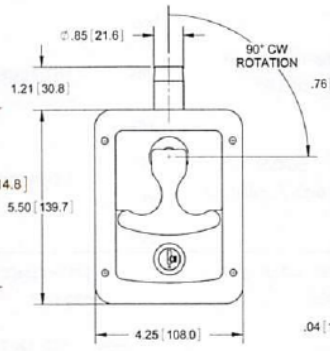
- keyed different
- gasket available as part no. **479-G**



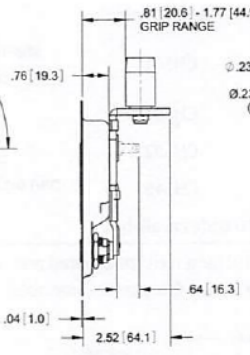
patented



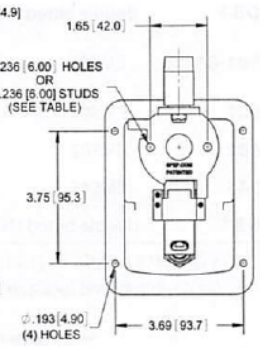
MOUNTING DIMENSIONS



FRONT VIEW



RIGHT SIDE VIEW

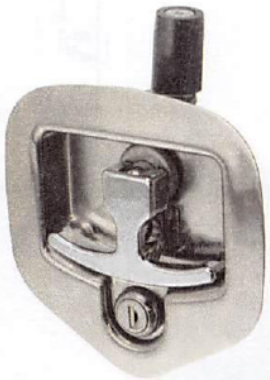


REAR VIEW

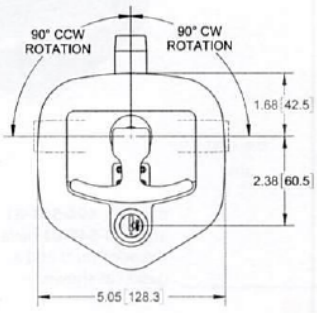
Multi-Point Padlocking Flush Folding T-Handles PAT.

Part Number	Key Code	Rotation	Material / Finish	Cam Type	Grip	Mounting
496SS-L	CH501	90° CW	304SS pan / polished	fixed roller cam	1.08 [27.4]	threaded studs
496SS-R	CH501	90° CCW	304SS pan / polished	fixed roller cam	1.08 [27.4]	threaded studs
497SS-L	CH501	90° CW	304SS pan / polished	adjustable roller cam	1.13 [28.7] - 1.96 [49.78]	threaded studs
497SS-R	CH501	90° CCW	304SS pan / polished	adjustable roller cam	1.13 [28.7] - 1.96 [49.78]	threaded studs

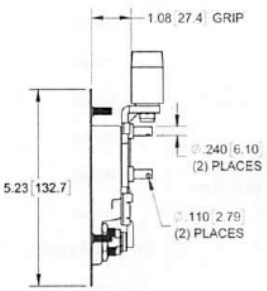
- recessed lock
- .040 [1.02] pan thickness
- die cast zinc handle
- accepts up to 7/16" padlock
- gasket available as part no. **496G-01**



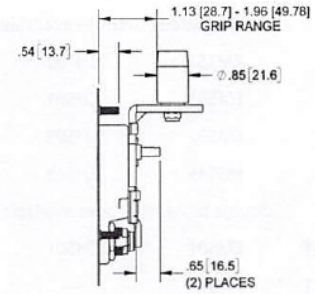
patented



FRONT VIEW



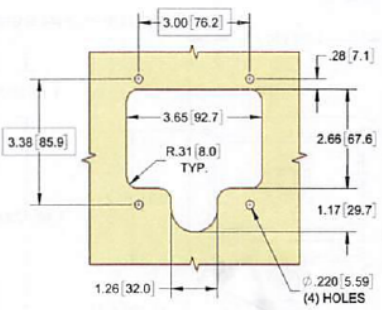
RIGHT SIDE VIEW
FIXED CAM
(496SS-L & 496SS-R)



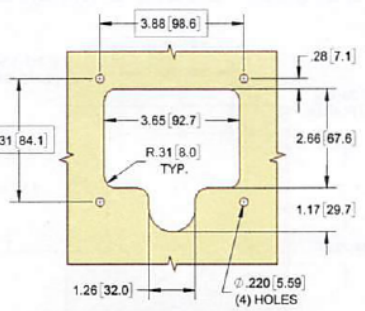
RIGHT SIDE VIEW
ADJUSTABLE CAM
(497SS-L & 497SS-R)



part no. **496G-01**



MOUNTING DIMENSIONS
FOR FIXED CAM
(496SS-L & 496SS-R)



MOUNTING DIMENSIONS
FOR ADJUSTABLE CAM
(497SS-L & 497SS-R)

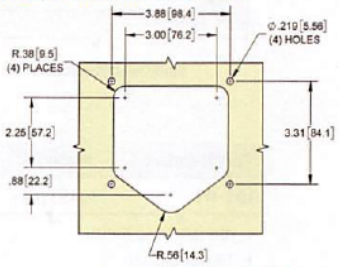
Multi-Point Padlocking Folding T-Handles with Adjustable Nylon Roller Cam

Part Number	Key Code	Rotation	Pan Material / Finish	Handle Material / Finish	Cam Type	Grip	Mounting
497CH-50L	CH501	90° CW	304SS / black powder coated	die cast zinc / chrome plated	fixed no compression stroke	1.0 [26.0] to 1.9 [49.0]	threaded studs
497CH-50R		90° CCW	304SS / black powder coated	die cast zinc / chrome plated			
497SS-50L		90° CW	304SS / polished	die cast zinc / chrome plated			
497SS-50R		90° CCW	304SS / polished	die cast zinc / chrome plated			
497BK-55		bi-directional	304SS / black powder coated	die cast zinc / black powder coated	4mm compression stroke		
497CH-55		bi-directional	304SS / black powder coated	die cast zinc / chrome plated			
497SS-55		bi-directional	304SS / polished	die cast zinc / chrome plated			

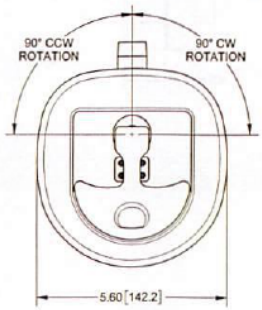




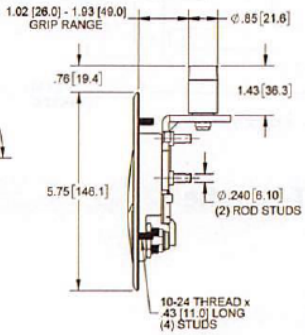
- lock concealed behind t-handle
- accepts up to 7/16" padlock
- see pg. 67 (part no. **723**) for rods and accessories
- gasket included



MOUNTING DIMENSIONS



FRONT VIEW



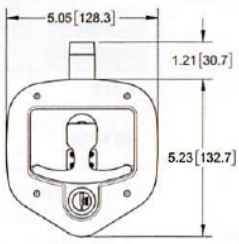
RIGHT SIDE VIEW

Padlocking, Compression Bi-Directional Folding T-Handles

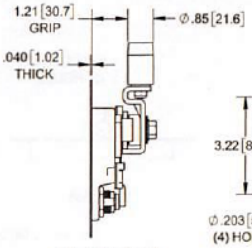
Part Number	Key Code	Rotation	Pan Material / Finish	Handle Material / Finish	Cam Type	Grip	Mounting
499BK-01	CH751	bi-directional	steel / black powder coated	die cast zinc / black powder coated	4mm compression stroke	1.21 [30.75]	holes
499CH-01			steel / black powder coated	die cast zinc / chrome plated			
499SS-01			304SS / electropolished	die cast zinc / chrome plated			
499BK-03			steel / black powder coated	die cast zinc / black powder coated	4mm compression stroke with studs for 3pt. latching		
499SS-10			304SS / electropolished	die cast zinc / chrome plated	4mm compression stroke	1.13 [28.6] to 1.97 [50.0]	threaded studs
499BK-50			steel / black powder coated	die cast zinc / black powder coated			
499CH-50			steel / black powder coated	die cast zinc / chrome plated			



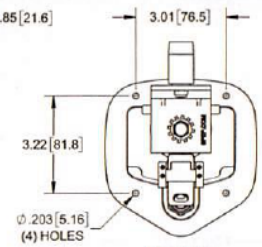
- gasket available as part no. **496G-01**
- recessed lock
- accepts up to 7/16" padlock
- see pg. 67 (part no. **723**) for rods and accessories



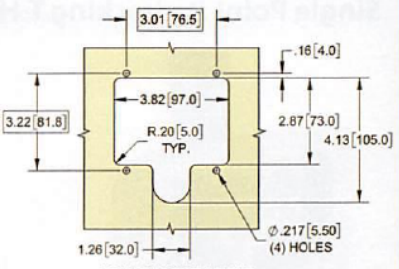
FRONT VIEW
HOLE-MOUNT



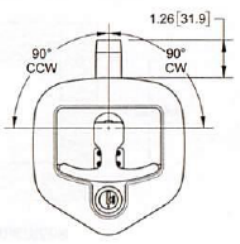
RIGHT SIDE VIEW
FIXED GRIP



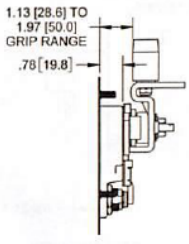
REAR VIEW
SINGLE-POINT



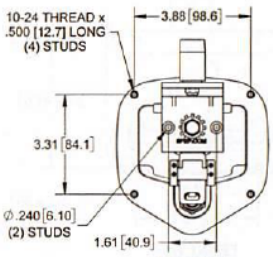
MOUNTING DIMENSIONS
FOR HOLE MOUNTING



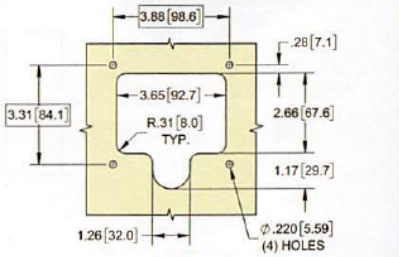
FRONT VIEW
STUD-MOUNT



RIGHT SIDE VIEW
ADJUSTABLE GRIP

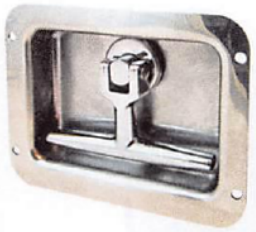


REAR VIEW
THREE-POINT



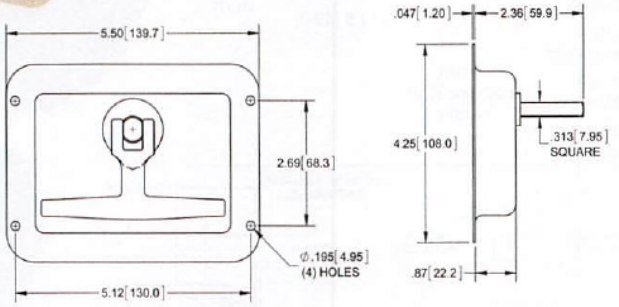
MOUNTING DIMENSIONS
FOR STUD MOUNTING

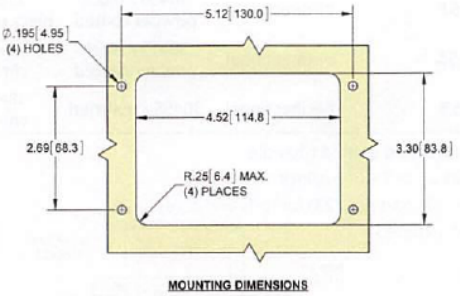
Single Point T-Handles



Part Number	Material	Finish	Holes	Pan Thickness
491	steel	zinc plated	yes	18 gauge
491SS	304SS, pan only	polished	yes	18 gauge

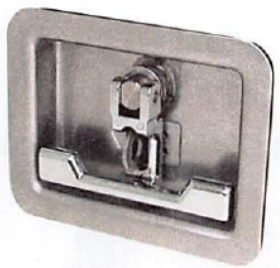
- 360° handle rotation
- die cast zinc handle





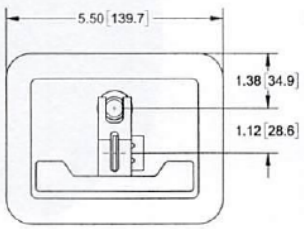
MOUNTING DIMENSIONS

Single Point Folding T-Handle

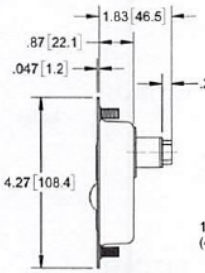


Part Number	Material	Finish
495-01	304SS pan	deburred

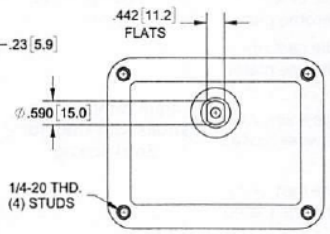
- die cast zinc handle
- 18 gauge pan
- includes mounting hardware
- accepts up to 3/8" padlock



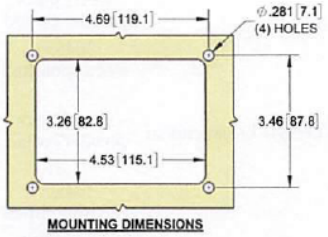
FRONT VIEW



RIGHT SIDE VIEW

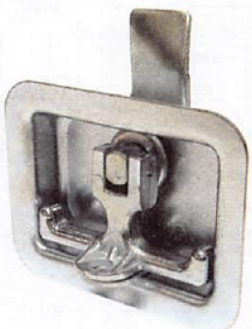


REAR VIEW



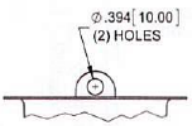
MOUNTING DIMENSIONS

Single Point Padlocking T-Handles

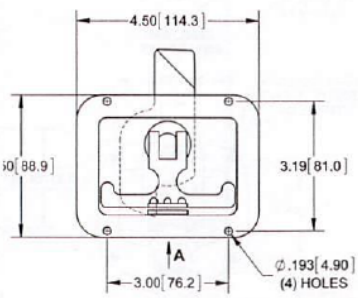


Part Number	Material / Finish	Mounting Holes
481P	steel / zinc	no
481PSS	304SS pan only / polished	yes

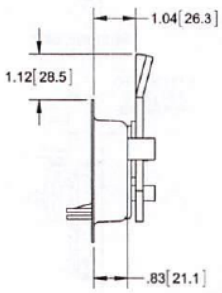
- 18 gauge pan thickness
- die cast handle
- accepts up to 5/16" padlock



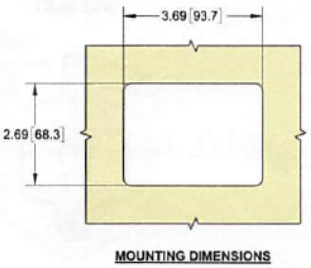
VIEW A-A



FRONT VIEW



RIGH SIDE VIEW

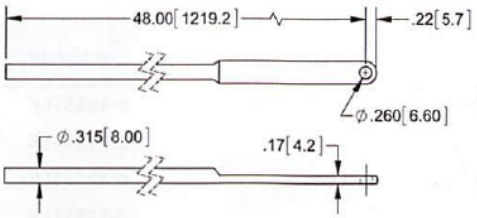


MOUNTING DIMENSIONS

Ø5/16 [8.0] Connecting Rod

Part Number	Material	Finish
723	steel	zinc plated

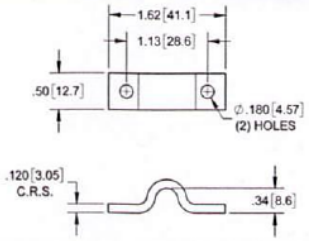
- custom lengths can be made to your specification





Guide for a Ø5/16 [8.0] Connecting Rod

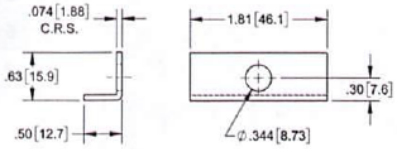
Part Number	Material	Finish
724	steel	zinc plated





Guide for a Ø5/16 [8.0] Connecting Rod

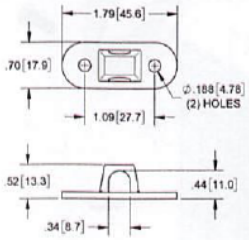
Part Number	Material	Finish
725	steel	zinc plated





Guide for a Ø5/16 [8.0] Connecting Rod

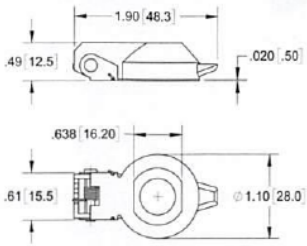
Part Number	Material	Finish
726	nylon	white





Cam Lock Dust Cover

Part Number	Description
K220	cam lock dust cover





Cotter Pin

Part Number	Description
XF12-01	3/32 dia. x 1/2 long

- steel, zinc plated
- used to connect rods with folding T-handles



Clevis Pin

Part Number	Description
XF13-01	1/4 dia. x 1/2 long

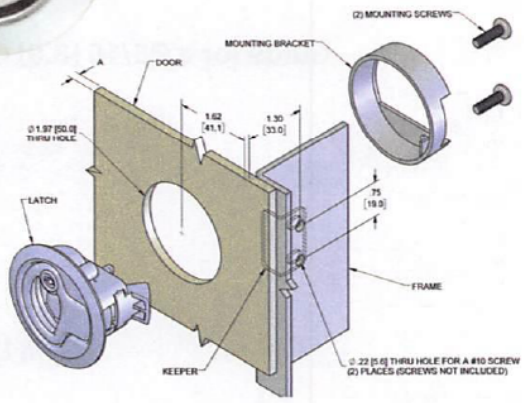
- steel, zinc plated
- used to connect rods with folding T-handles

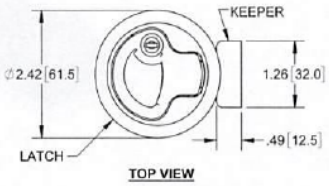


Flush Slam Latches 316SS

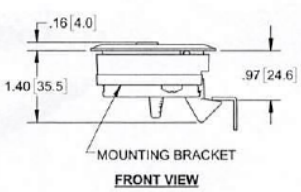




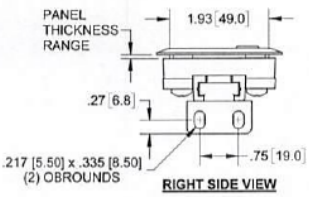




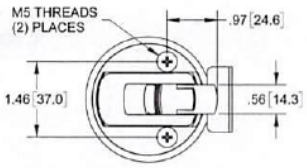
TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW

Stainless Steel Locking Latches

Part Number	Panel Thickness Range A	Material	Finish
6-10SSTLK	.079 [2.00] - .276 [7.00]	316SS	hand polished
6-11SSTLK	.276 [7.00] - .472 [12.00]	316SS	hand polished
6-12SSTLK	.472 [12.00] - .669 [17.00]	316SS	hand polished
6-13SSTLK	.669 [17.00] - .866 [22.00]	316SS	hand polished

- includes:
  - (2) ringed keys
  - (2) mounting screws
  - (1) mounting bracket
  - (1) keeper

Stainless Steel Non-Locking Latches

Part Number	Panel Thickness Range A	Material	Finish
6-10SST	.079 [2.00] - .276 [7.00]	316SS	hand polished
6-11SST	.276 [7.00] - .472 [12.00]	316SS	hand polished
6-12SST	.472 [12.00] - .669 [17.00]	316SS	hand polished
6-13SST	.669 [17.00] - .866 [22.00]	316SS	hand polished

- includes:
  - (2) mounting screws
  - (1) mounting bracket
  - (1) keeper

Die Cast Zinc Locking Latches

Part Number	Panel Thickness Range A	Material	Finish
6-10CHLK	.079 [2.00] - .276 [7.00]	die cast zinc	chrome plated
6-11CHLK	.276 [7.00] - .472 [12.00]	die cast zinc	chrome plated
6-12CHLK	.472 [12.00] - .669 [17.00]	die cast zinc	chrome plated
6-13CHLK	.669 [17.00] - .866 [22.00]	die cast zinc	chrome plated

- includes:
  - (2) ringed keys
  - (2) mounting screws
  - (1) mounting bracket
  - (1) keeper

Die Cast Zinc Non-Locking Latches

Part Number	Panel Thickness Range A	Material	Finish
6-10CH	.079 [2.00] - .276 [7.00]	die cast zinc	chrome plated
6-11CH	.276 [7.00] - .472 [12.00]	die cast zinc	chrome plated
6-12CH	.472 [12.00] - .669 [17.00]	die cast zinc	chrome plated
6-13CH	.669 [17.00] - .866 [22.00]	die cast zinc	chrome plated

- includes:
  - (2) mounting screws
  - (1) mounting bracket
  - (1) keeper

UV Plastic Flush Slam Latches

Black Locking Latches

Part Number	Panel Thickness Range A	Finish
6-10BKCH751	.075 [1.91] - .275 [7.00]	black
6-11BKCH751	.275 [7.00] - .475 [12.07]	black
6-12BKCH751	.475 [12.07] - .675 [17.15]	black
6-13BKCH751	.675 [17.15] - .875 [22.23]	black

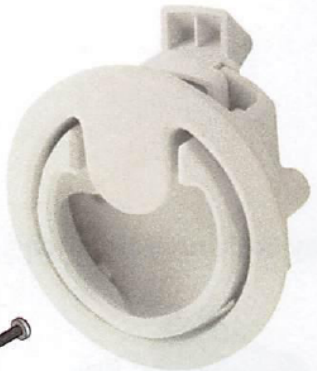
- material: thermoplastic with UV stabilizers
- includes:
  - (2) ringed keys
  - (2) mounting screws
  - (1) keeper
  - (1) mounting bracket
  - stainless steel lock face & dust shutter
- key code CH751



Black Non-Locking Latches

Part Number	Panel Thickness Range A	Finish
6-10BK	.075 [1.91] - .275 [7.00]	black
6-11BK	.275 [7.00] - .475 [12.07]	black
6-12BK	.475 [7.00] - .675 [17.15]	black
6-13BK	.675 [17.15] - .875 [22.23]	black

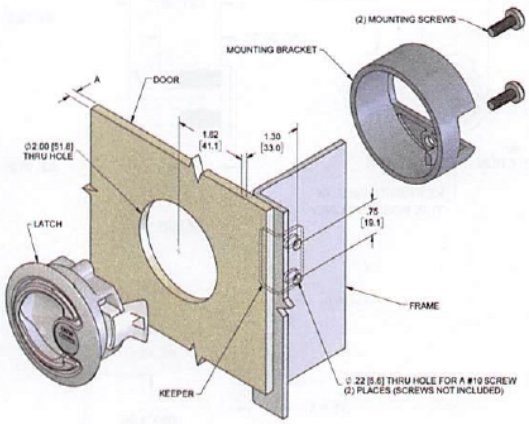
- material: thermoplastic with UV stabilizers
- includes:
  - (2) mounting screws
  - (1) keeper
  - (1) mounting bracket



White Locking Latches

Part Number	Panel Thickness Range A	Finish
6-10WTCH751	.075 [1.91] - .275 [7.00]	white
6-11WTCH751	.275 [7.00] - .475 [12.07]	white
6-12WTCH751	.475 [12.07] - .675 [17.15]	white
6-13WTCH751	.675 [17.15] - .875 [22.23]	white

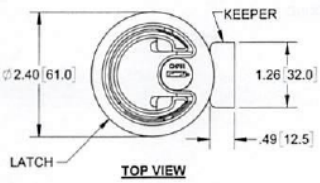
- material: thermoplastic with UV stabilizers
- includes:
  - (2) ringed keys
  - (2) mounting screws
  - (1) keeper
  - (1) mounting bracket
  - stainless steel lock face & dust shutter
- key code CH751

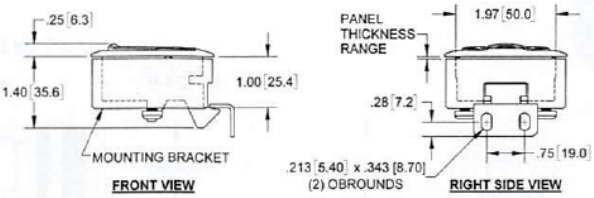


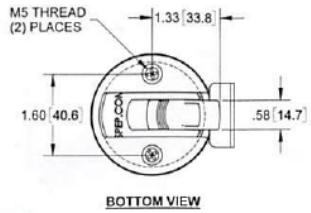
White Non-Locking Latches

Part Number	Panel Thickness Range A	Finish
6-10WT	.075 [1.91] - .275 [7.00]	white
6-11WT	.275 [7.00] - .475 [12.07]	white
6-12WT	.475 [7.00] - .675 [17.15]	white
6-13WT	.675 [17.15] - .875 [22.23]	white

- material: thermoplastic with UV stabilizers
- includes:
  - (2) mounting screws
  - (1) keeper
  - (1) mounting bracket



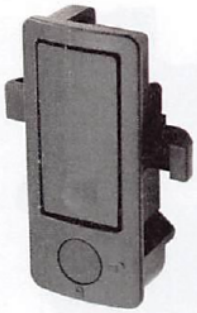




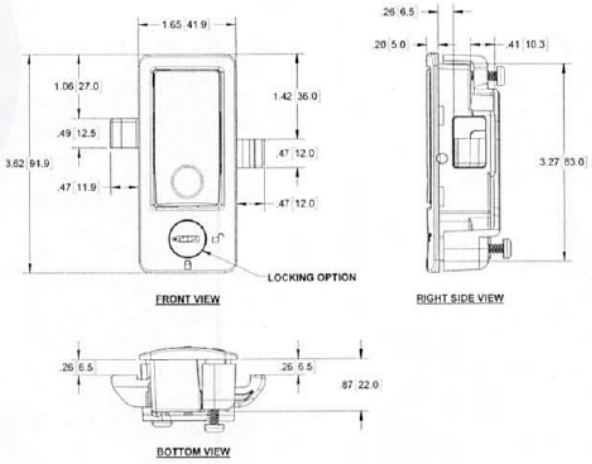
Double Pawl Slam Latches

UV

NEW PRODUCT FAMILY



non-locking

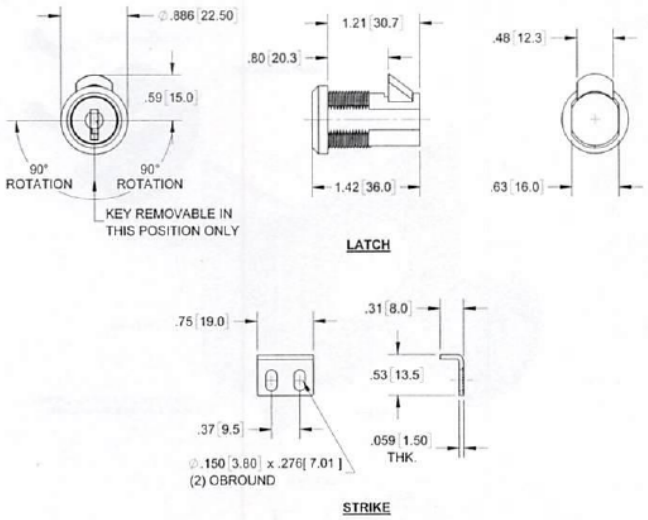


Part No.	Material	Finish	Key Code
1126LKP	plastic	textured black	CH751
1126P	plastic	textured black	non-locking

- locking latch includes:
  - (2) ringed, brass, nickel plated keys
  - mounting bracket & screws

Key Locking Bolt Latch





Part Number	Material	Finish
2-15CH	die cast zinc	chrome plated

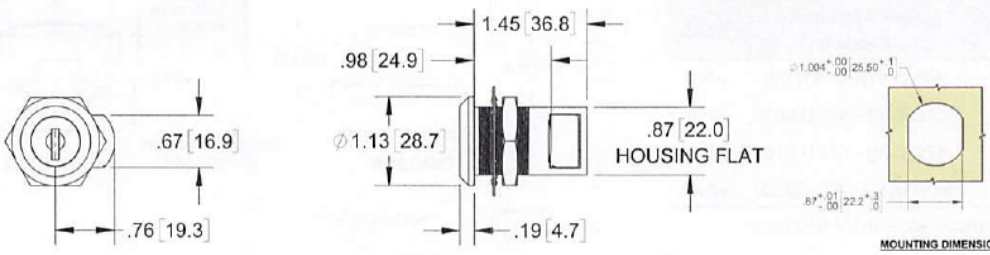
- all latches include:
  - body nut
  - strike in steel, zinc plated
  - (2) ringed keys, code CH751
- spring clip mounting also available (non-stock)
- see pg. 324 for the recommended mounting cut-out

Key Locking Bolt Latch



Part Number	Material	Finish
2-16CH	die cast zinc	chrome plated

- for panel thickness between .04 [1.0] - .31 [8.0]
- plastic bolt

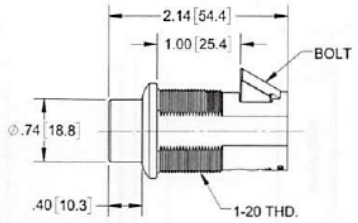


Push Button Latches

Locking and Non-Locking Latches

Part Number	Description	Lock Face Finish
2-11BK	non-locking	black
2-13BK	locking	polished
NEW 2-13BK50*	locking	polished
2-14BK	locking	black

- * **2-13BK50** is same as **2-13BK** except for different key codes (CH742-CH762)



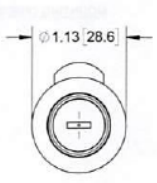
RIGHT SIDE VIEW



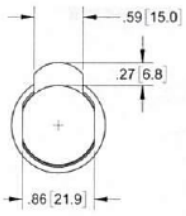
Locking

Locking and Non-Locking Latches with Pull Tab In-line with Bolt

Part Number	Description	Lock Face Finish
2-11BK01	non-locking	black
2-13BK01	locking	polished
2-14BK01	locking	black



FRONT VIEW



REAR VIEW

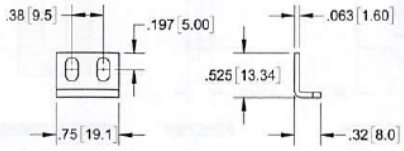


Non-Locking
(in-line tab shown)

LATCH

Locking and Non-Locking Latches with Pull Tab Perpendicular to Bolt

Part Number	Description	Lock Face Finish
2-11BK02	non-locking	black
2-13BK02	locking	polished
2-14BK02	locking	black



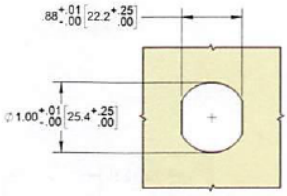
STRIKE



Locking
Black Face
(perpendicular tab shown)

Push Button Latches Features

- material: nylon with UV stabilizers
- finish: black textured
- patented design
- parts have internal o-rings
- face gasket available separately (part no. **2-1G**), to meet NEMA type 4, 12 and IP65 enclosure requirements
- all latches include:
  - body nut
  - lock washer
  - strike in 304SS with passivated finish
  - (2) ringed keys
- key code CH751 (for locking only)



MOUNTING DIMENSIONS





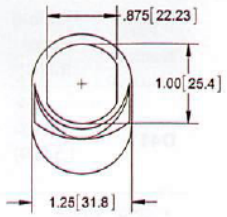
Gasket for Push Button Latches

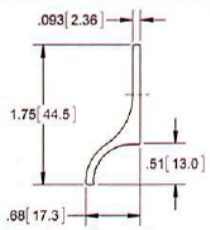
Part No.	Description
2-1G	smooth black rubber gasket for Push Button Latches

Pull Tab

In-line with Bolt

Part Number	Material	Finish
KH39BK	nylon with UV stabilizers	black textured

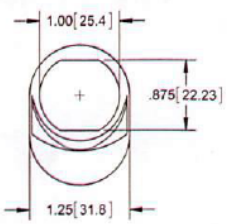


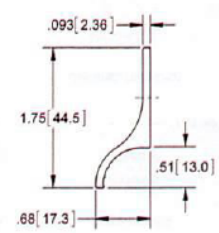




Perpendicular to Bolt

Part Number	Material	Finish
KH39BK-01	nylon with UV stabilizers	black textured



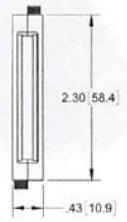




Snap-In Magnetic Catches

Large

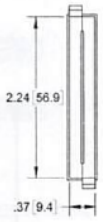




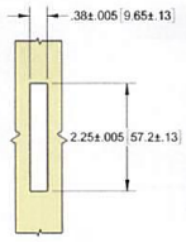
FRONT VIEW



RIGHT SIDE VIEW



REAR VIEW



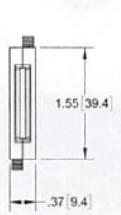
MOUNTING DIMENSIONS

Part Number	A	Panel Thickness (min.-max.)
D392BK	.01 [.3]	.02 [.5] - .08 [2.0]
D392BK-01	.07 [1.8]	.08 [2.0] - .14 [3.5]
D392BK-02	.13 [3.3]	.14 [3.5] - .20 [5.0]

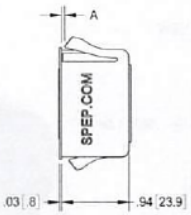
- black polypropylene housing
- steel, zinc plated end plates
- approximate holding force: 14.0 lb [62.3N]
- uses strike part no. **D392S-01** & **D392S-02** see below for more details

Small

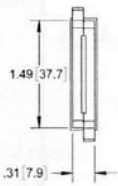




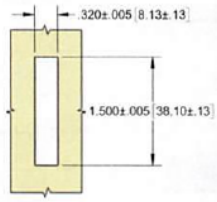
FRONT VIEW



RIGHT SIDE VIEW



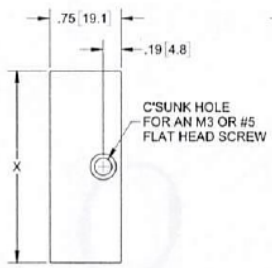
REAR VIEW



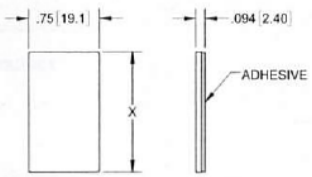
MOUNTING DIMENSIONS

Part Number	A	Panel Thickness (min.-max.)
D395BK	.04 [1.0]	.02 [.5] - .08 [2.0]
D395BK-01	.10 [2.5]	.08 [2.0] - .14 [3.5]
D395BK-02	.16 [4.0]	.14 [3.5] - .20 [5.0]

- black polypropylene housing
- steel, zinc plated end plates
- approximate holding force: 8.0 lb [35.6N]
- uses strike part no. **D395S-01** & **D395S-02** see below for more details



SCREW-MOUNTING



SELF-ADHERING

Strikes

Part Number	Description	Dim X
D392S-01	self-adhering	2.00 [50.8]
D392S-02	screw-mounting	2.00 [50.8]
D395S-01	self-adhering	1.25 [31.8]
D395S-02	screw-mounting	1.25 [31.8]

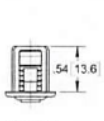
- material: steel
- finish: zinc plated

Snap-in Magnetic Catch

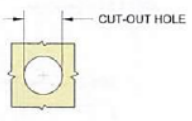


Part Number	Holding Force lbf [N]	Panel Material	Panel Thickness	Cut-out Hole
D411	approx. 1.5 [6.9]	steel	.031 [.79] - .055 [1.40]	Ø.449 [11.40] - Ø.453 [11.50]
		steel	.055 [1.40] - .118 [3.00]	Ø.469 [11.91] - Ø.472 [12.00]
		resin	.055 [1.40]	Ø.445 [11.30] - Ø.453 [11.50]

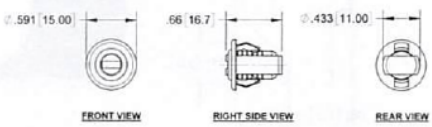
- color: white
- plastic housing and cover
- steel zinc plated yoke plates



TOP VIEW



MOUNTING DIMENSIONS



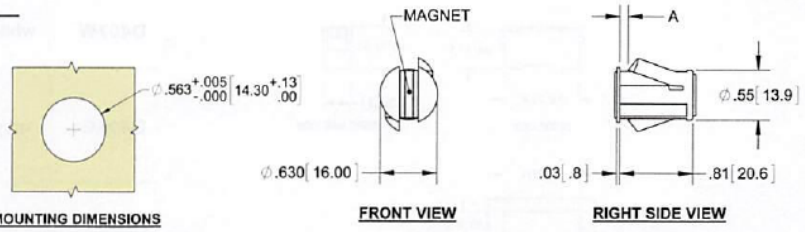
FRONT VIEW | RIGHT SIDE VIEW | REAR VIEW

Small Snap-In Magnetic Catches

Part Number	A	Panel Thickness (min. -max.)
D393BK	.030 [.80]	.020 [.50] - .080 [2.00]
D393BK-01	.090 [2.30]	.080 [2.00] - .140 [3.50]
D393BK-02	.150 [3.80]	.140 [3.50] - .200 [5.00]

- black polypropylene housing
- steel, zinc plated end plates
- cut-out: Ø.563 +.005/-.000 [14.30 ±.13/.00]
- approximate holding force: 5.5 lbs. [24.5N]



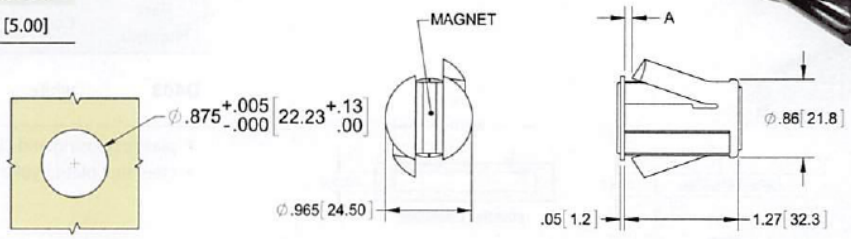


Large Snap-In Magnetic Catches

Part Number	A	Panel Thickness (min. -max.)
D394BK	.020 [.50]	.020 [.50] - .080 [2.00]
D394BK-01	.080 [2.00]	.080 [2.00] - .140 [3.50]
D394BK-02	.140 [3.50]	.140 [3.50] - .200 [5.00]

- black polypropylene housing
- steel, zinc plated end plates
- cut-out: Ø.875 +.005/-.000 [22.23 ±.13/.00]
- approximate holding force: 11.0 lbs. [48.9N]

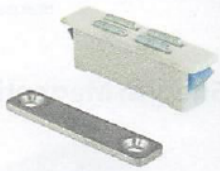


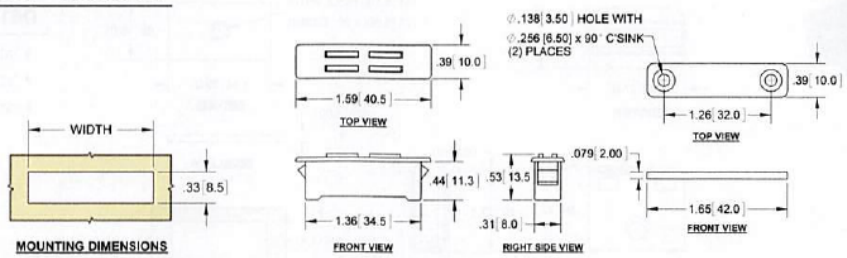


Snap-in Magnetic Catch

Part Number	Color	Holding Force lbf [N]	Panel Thickness	Cut-out Width
D401	white	approx. 7.7 [34.3]	.031 [.79]	1.366 [34.70]
			.039 [.99]	1.378 [35.00]
			.047 [1.19]	1.390 [35.31]

- plastic housing and cover
- steel zinc plated keeper and yoke plates



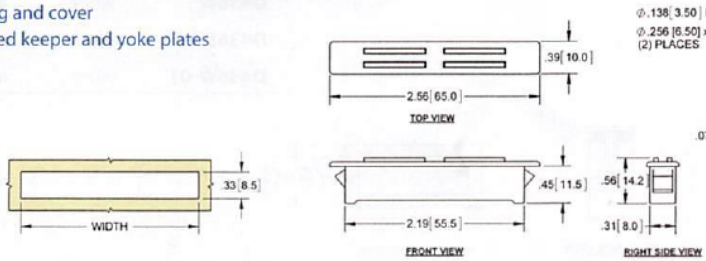


Snap-in Magnetic Catch

Part Number	Color	Holding Force lbf [N]	Panel Thickness	Cut-out Width
D402	white	approx. 14.3 [63.8]	.031 [.79]	2.205 [56.00]
			.039 [.99]	2.217 [56.31]
			.047 [1.19]	2.228 [56.59]

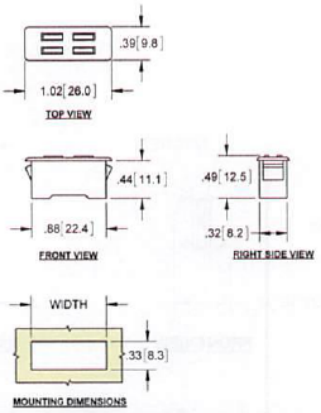
- plastic housing and cover
- steel zinc plated keeper and yoke plates





Snap-in Magnetic Catches



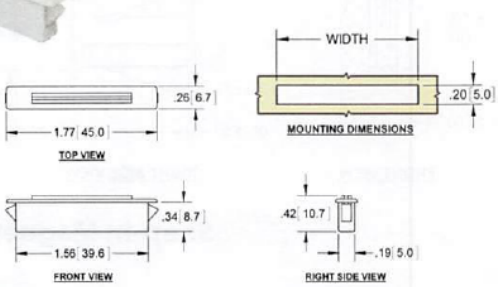


Part Number	Color	Holding Force lbf [N]	Panel Thickness	Cut-out Width
D407G	gray	approx. 4.9 [21.6]	.0197 ±.002 [.500 ±.05]	.89 ±.006 [22.6 ±.15]
D407W	white	approx. 2.9 [12.8]	.0315 ±.002 [.800 ±.05]	.93 ±.006 [23.6 ±.15]
D408G	gray	approx. 4.9 [21.6]	.0394 ±.002 [1.000 ±.05]	.89 ±.004 [22.6 ±.10]
			.0472 ±.002 [1.200 ±.05]	.93 ±.004 [23.6 ±.10]
D408W	white	approx. 2.9 [12.8]	.055 ±.002 [1.400 ±.05]	.94 ±.004 [23.9 ±.10]

- plastic housing and cover
- steel zinc plated yoke plates

Snap-in Magnetic Catch

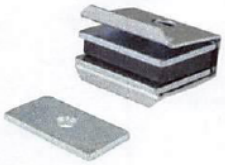


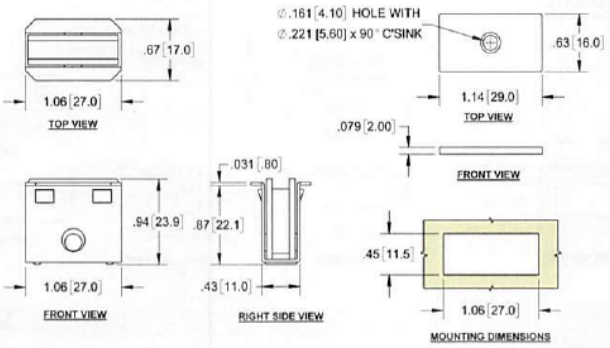


Part Number	Color	Holding Force lbf [N]	Panel Thickness	Cut-out Width
D403	white	approx. 6.2 [27.5]	.031 [.79]	1.571 [39.90]
		approx. 6.2 [27.5]	.039 [.99]	1.594 [40.50]

- plastic housing and cover
- steel zinc plated yoke plates

Snap-in Magnetic Catch



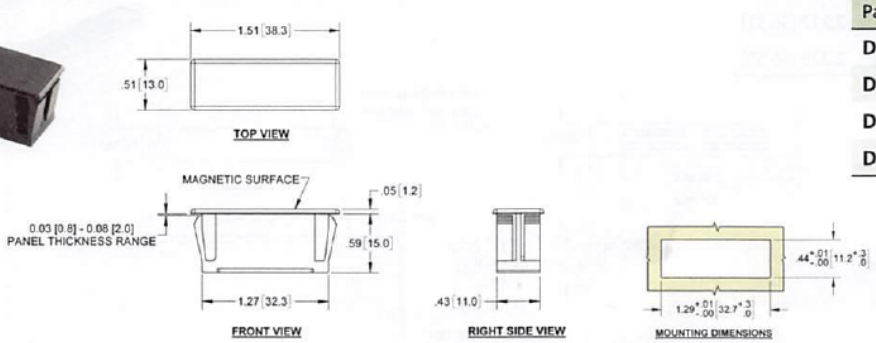


Part Number	Holding Force lbf [N]
D416	approx. 6.6 [29.4]

- aluminum, mill finish housing
- steel, zinc plated keeper and yoke plates
- snaps into a 1mm thick panel

Sealed Snap-in Magnetic Catches



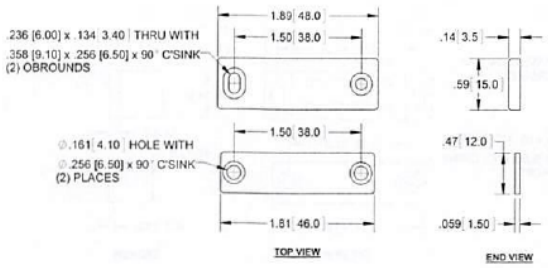


Part Number	Finish	Holding Force
D436BK	black	approx. 6.7 [30]
D436W	white	approx. 6.7 [30]
D436BK-01	black	approx. 4.0 [18]
D436W-01	white	approx. 4.0 [18]

Dust Proof Magnetic Catches

Part Number	Color	Holding Force lbf [N]
D405BK	black	approx. .9 [4.0]
D405W	white	approx. .9 [4.0]

- plastic housing and cover
- 430SS nickel plated magnet and keeper

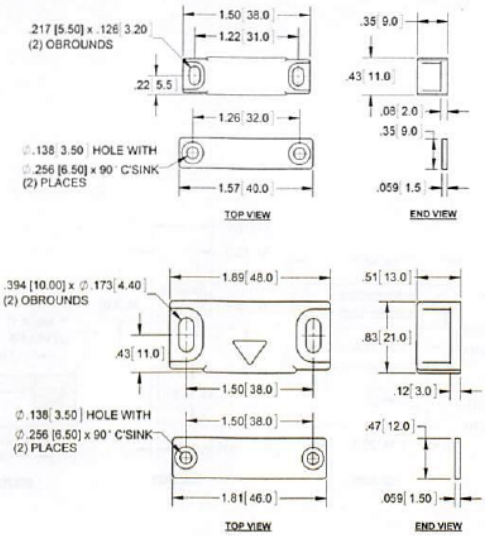




Dust Proof Magnetic Catches

Part Number	Size	Color	Holding Force lbf [N]
D400BK-01	small	black	approx. 2.9 [13.0]
D400W-01	small	white	approx. 2.9 [13.0]
D400BK	large	black	approx. 5.2 [23.0]
D400W	large	white	approx. 5.2 [23.0]

- plastic housing and cover
- 430SS nickel plated magnet and keeper

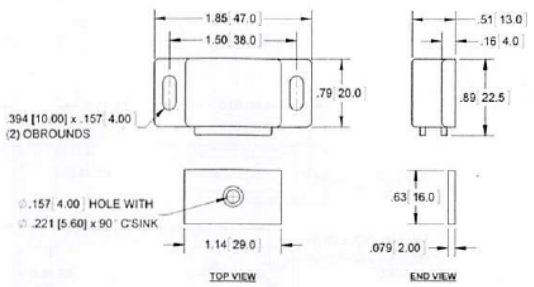


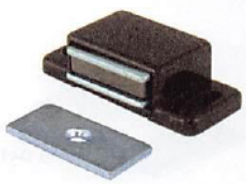


Magnetic Catches

Part Number	Color	Holding Force lbf [N]
D409BR	brown	approx. 6.6 [29.4]
D409W	white	approx. 6.6 [29.4]

- plastic housing and cover
- steel zinc plated keeper and yoke plates

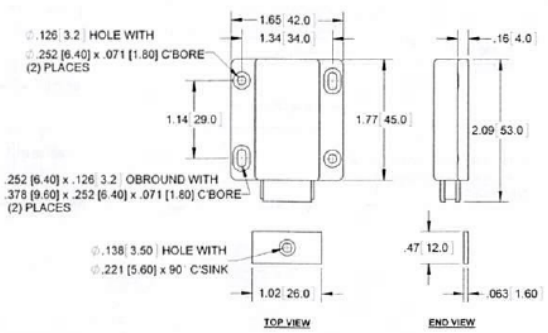


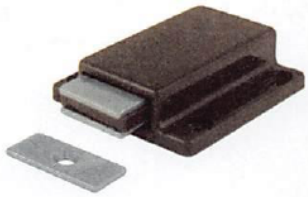


Push-off Magnetic Catch

Part Number	Color	Holding Force lbf [N]
D410BR	brown	approx. 3.8 [17.0]

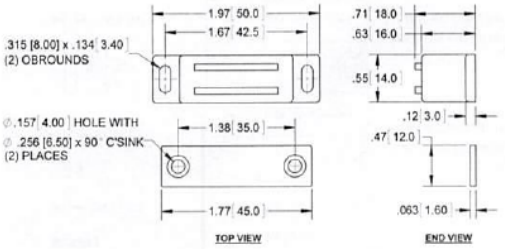
- plastic housing and cover
- steel bronze plated keeper and yoke plates





Magnetic Catch





Part Number	Color	Holding Force lbf [N]
D406	white	approx. 4.4 [19.6]

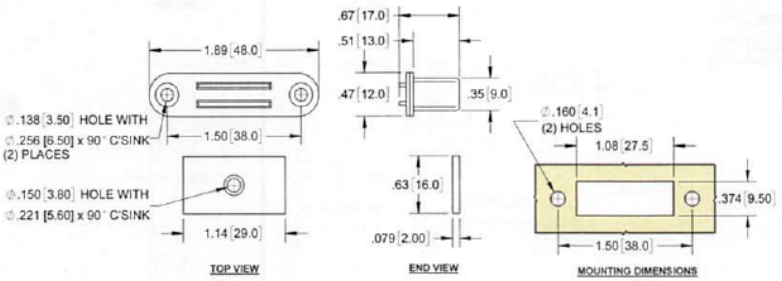
- plastic housing and cover
- steel zinc plated keeper and yoke plates

Magnetic Catch



Part Number	Holding Force lbf [N]
D404	approx. 7.7 [34.3]

- aluminum, mill finish housing and cover
- chrome keeper
- steel, zinc plated yoke plates



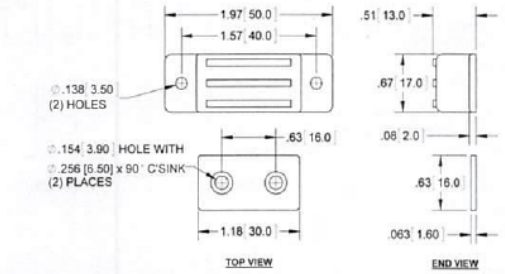
Magnetic Catches

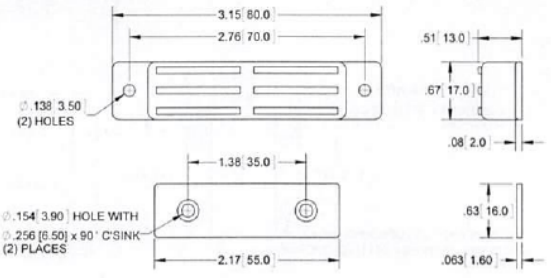


part no. **D415-01**



part no. **D415**





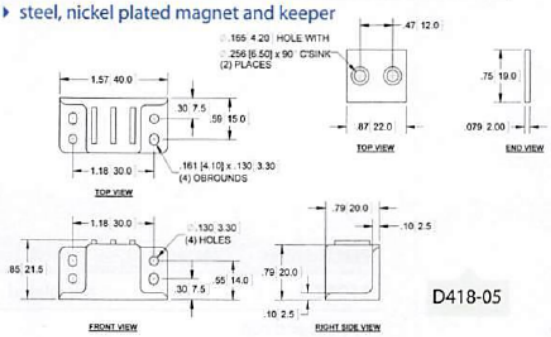
Part Number	Holding Force lbf [N]
D415-01	approx. 17.6 [78.5]
D415	approx. 24.3 [108.1]

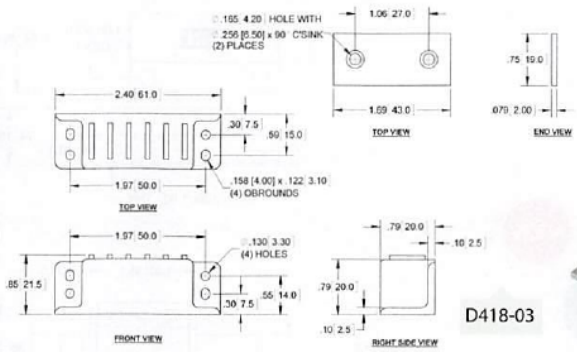
- brass, nickel plated housing
- aluminum, mill finish cover
- steel, nickel plated keeper and yoke plates

Magnetic Catches

Part No.	Material	Finish	Holding Force lbf [N]
D418-05	die cast zinc	satin nickel plated	approx. 12.1 [53.9]
D418-03			approx. 28.7 [127.5]

- steel, nickel plated magnet and keeper



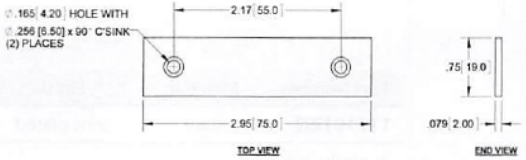


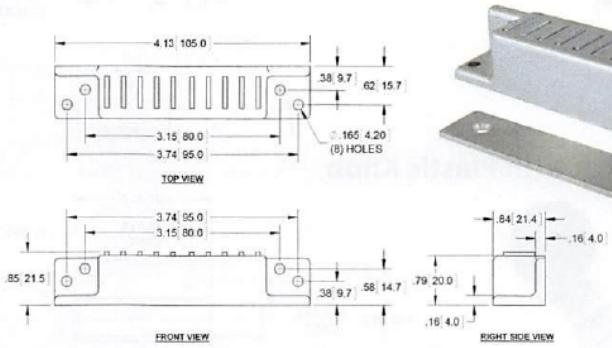


Magnetic Catch

Part No.	Material	Finish	Holding Force lbf [N]
D418-01	die cast zinc	satin nickel plated	approx. 33.1 [147.2]

- steel, nickel plated magnet and keeper



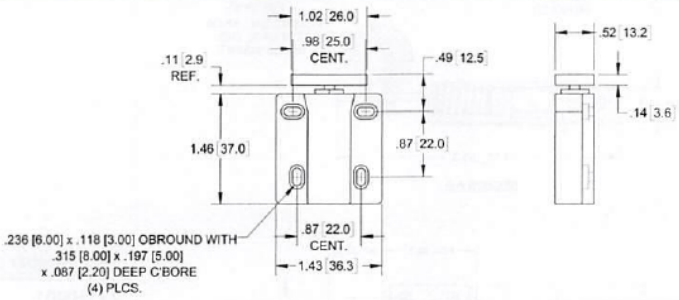


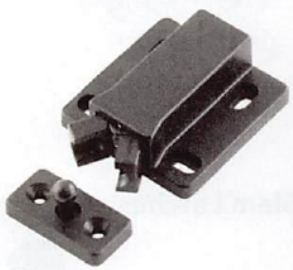


Toggle Latch

Part No.	Material	Finish
D434	plastic	black

- push to close and push to open

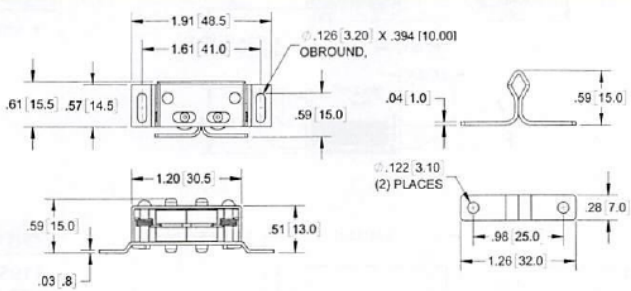




Roller Catch

Part No.	Material	Finish
D440	steel	zinc plated

- white polyethylene rollers

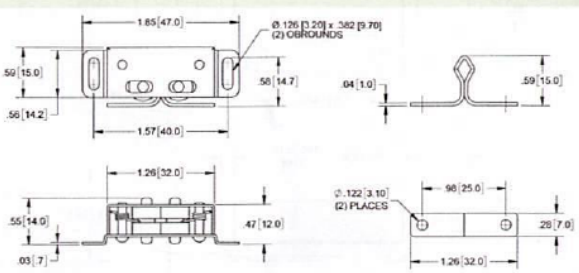




NEW Roller Catch

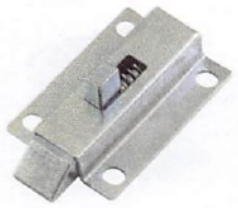
Part No.	Material	Finish
D440SS-01	304SS	mill

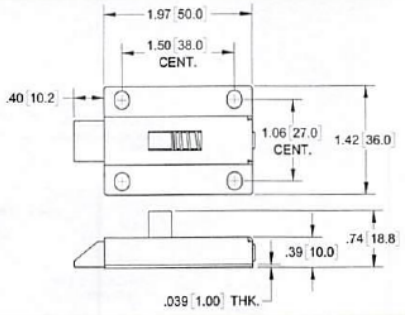
- white polyethylene rollers





Slam Latch

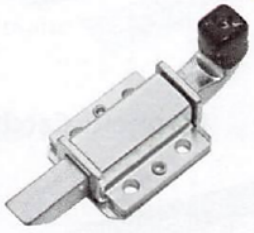


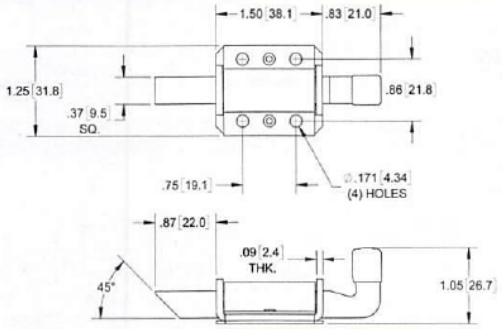


Part Number	Material	Finish
119102ZN	steel	zinc plated

- die cast steel bolt

Steel Slam Latch NEW



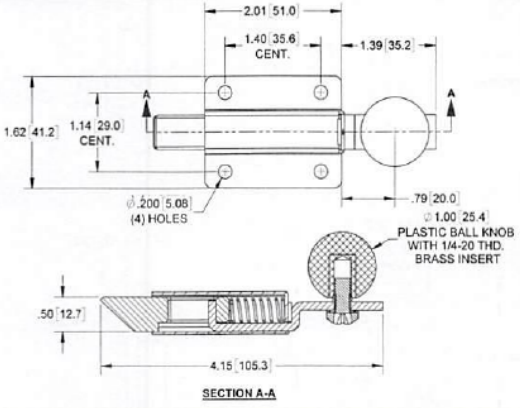


Part Number	Material	Finish
1191ZN	steel	zinc plated

- vinyl end cap

Steel Slam Latch with Plastic Knob



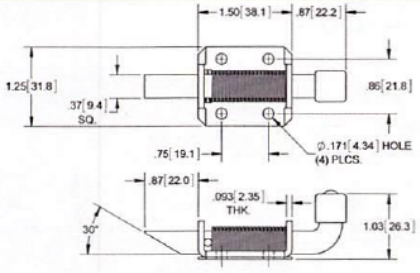


Part Number	Material	Finish
119101ZN	steel	zinc plated

- plastic ball knob

Slam Latches



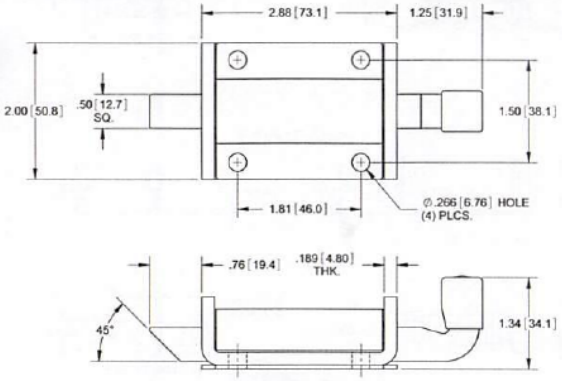


Part Number	Material	Finish
171HN01	304SS	electropolished
171ZN01	steel	zinc plated

- vinyl end cap

Slam Latch





Part Number	Material	Finish
1195ZN	steel	zinc plated

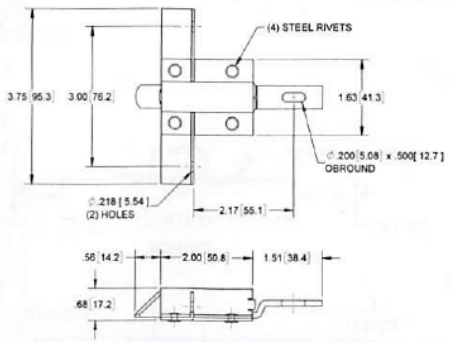
- vinyl end cap

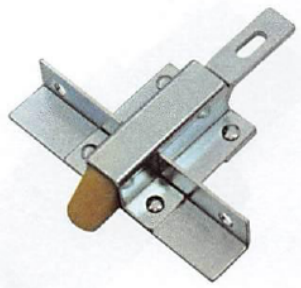
Slam Latch

Part Number	Material	Finish
1196	steel	zinc plated

- nylon striker

we can supply custom rods

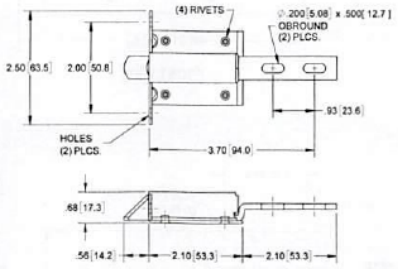


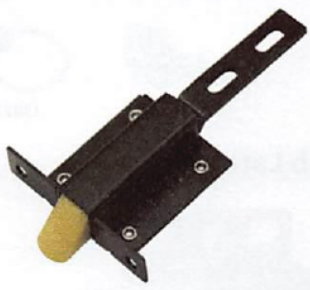


Slam Latches

Part Number	Holes	Material	Finish
1197	Ø.193	steel	electro black painted
1198	Ø.209	steel	electro black painted

- nylon striker

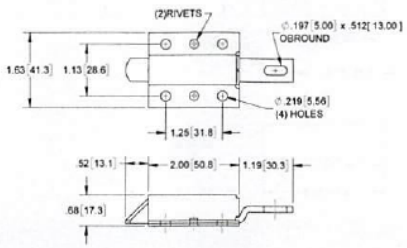




Slam Latch

Part Number	Material	Finish
1192	steel	electro black painted

- nylon striker

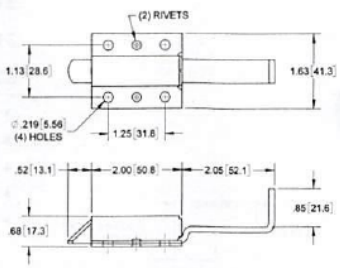


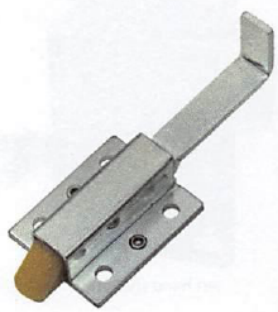


Finger Pull Latch

Part Number	Material	Finish
1190	steel	blue zinc plated

- nylon striker

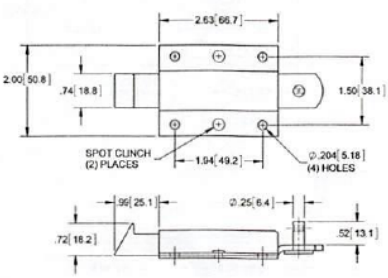




Slam Latches

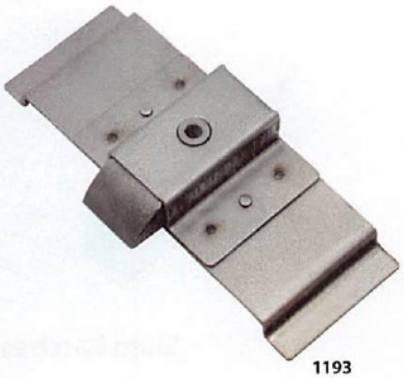
Part Number	Material	Finish
1194	steel	zinc plated
1194-01	steel	zinc plated

- die cast zinc strike
- part no. **1194-01** has 1/2 the spring tension as the **1194**.





Slam Latch



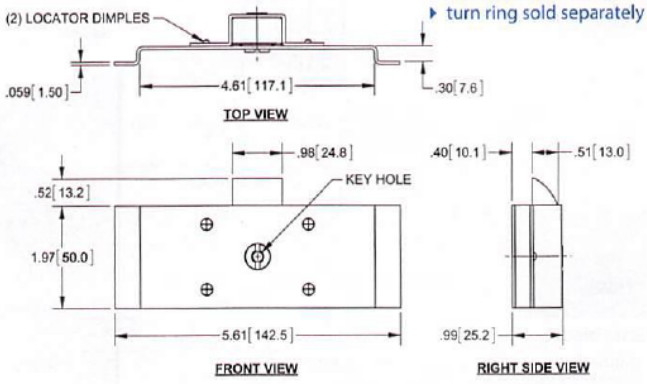
1193



J3026



J3027



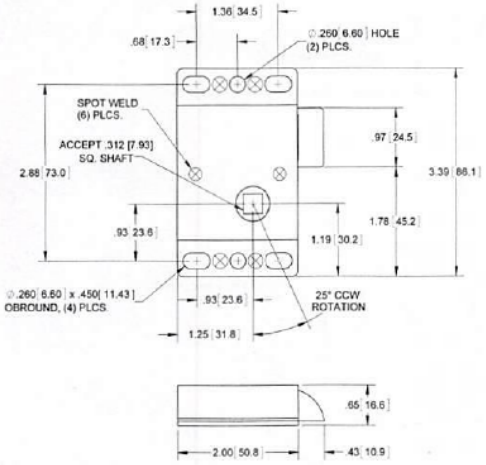
Part Number	Material	Finish
1193	steel housing powder metal bolt	mill

- key sold separately (part no. **J3026**)
- turn ring sold separately (part no. **J3027**)

Cab Latches



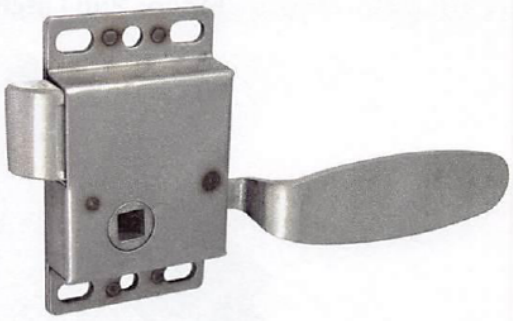
right hand shown



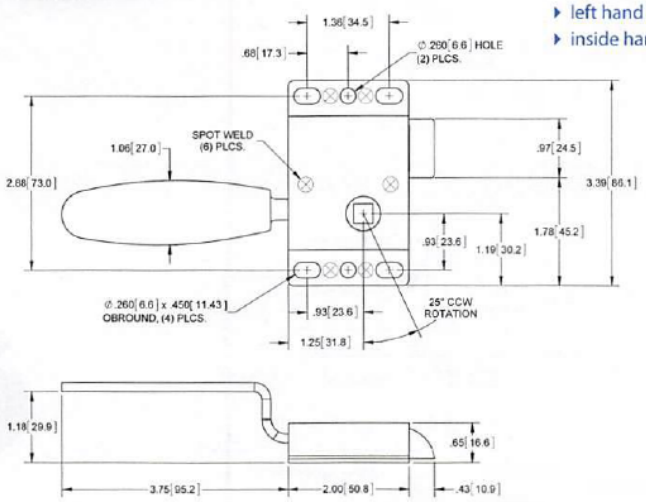
Part Number	Description	Material	Finish
315RSS	right hand	304SS	mill
315LSS	left hand	304SS	mill

- cast stainless steel bolt
- accepts .313" sq. shafts
- right hand latch requires handle with clockwise rotation
- left hand latch requires handle with counter clockwise rotation

Cab Latches



left hand shown



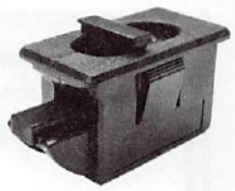
Part Number	Description	Material	Finish
315RSS-01	right hand	304SS	mill
315LSS-01	left hand	304SS	mill
315RZN-01	right hand	steel	zinc plated
315LZN-01	left hand	steel	zinc plated

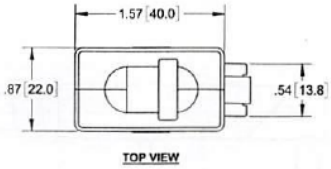
- cast stainless steel bolt
- accepts .313" sq. shafts
- right hand latch requires handle with clockwise rotation
- left hand latch requires handle with counter clockwise rotation
- inside handle will not override outside handle when locked

Double Action Slam Latch

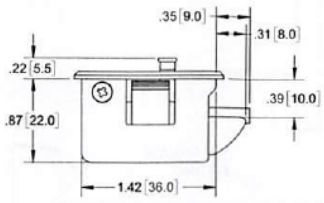
Part Number	Material	Finish
617BK	plastic	smooth, black

- stopper feature is engaged by closing door and pulling back the slide lever which allows the door to close but not latch
- part installs by pushing through cut-out and snapping into place
- applicable material thickness: 1.50mm - 2.30mm

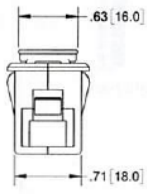




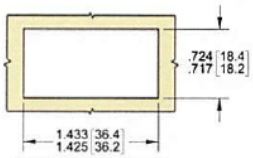
TOP VIEW



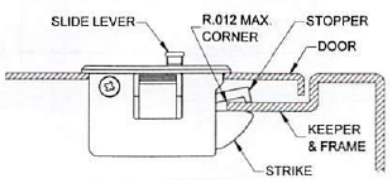
FRONT VIEW



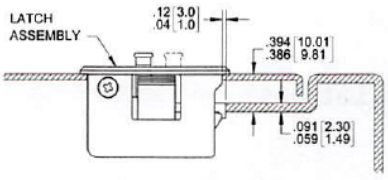
END VIEW



MOUNTING DIMENSIONS



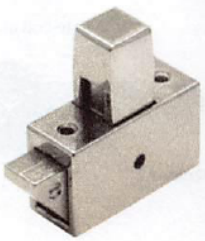
ENGAGED STRIKE LAYOUT

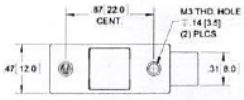


ENGAGED STOPPER LAYOUT

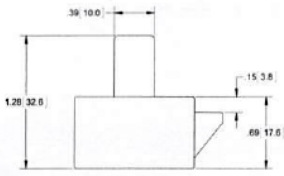
Push Button Slam Latch

Part Number	Material	Finish
1127	die cast zinc	nickel plated

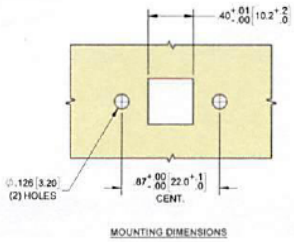




TOP VIEW



FRONT VIEW

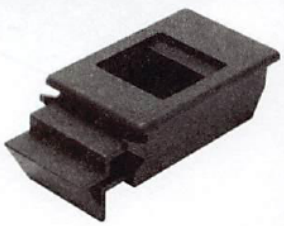


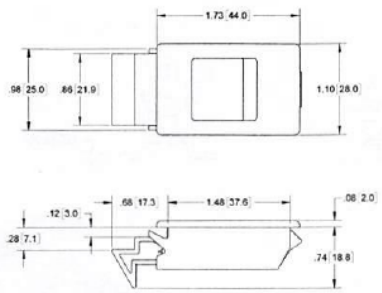
MOUNTING DIMENSIONS

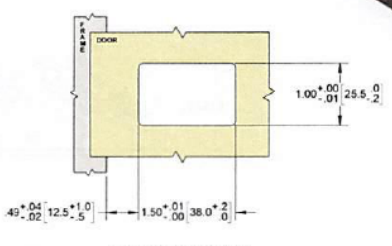
Spring Loaded Plastic Slide Latch

Part Number	Material	Finish
1134P	plastic	black textured

- spring material: 304SS
- part installs by pushing through cut-out and snapping into place
- applicable material thickness: .03[.8] - .09[2.3]

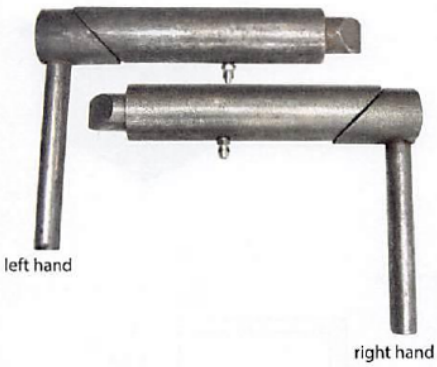


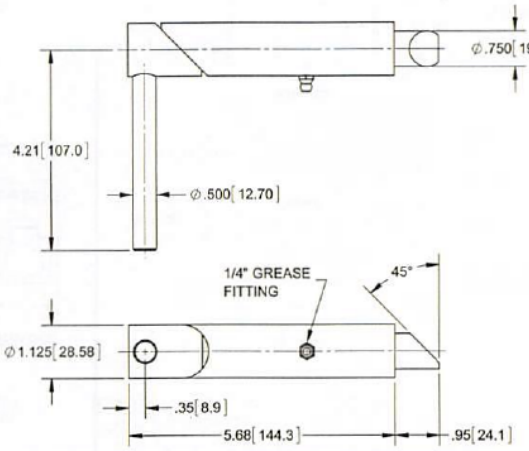




MOUNTING DIMENSIONS

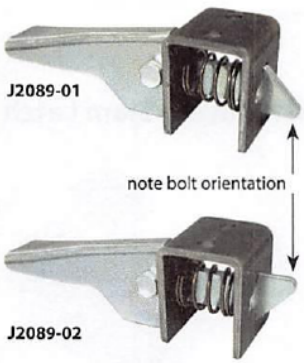
Weld-on Slam Action Latches



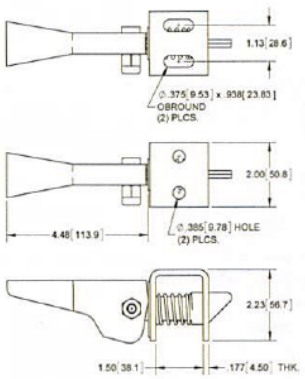


Part Number	Description	Material	Finish
1186-G	left hand	steel	mill
1186-D	right hand	steel	mill
1186-D01	right hand	aluminum	mill

Tipper Latches



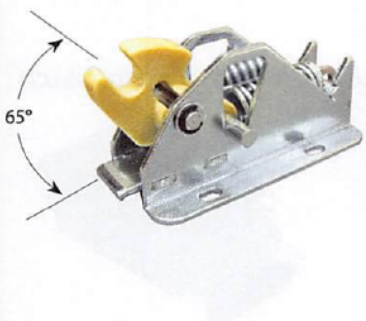


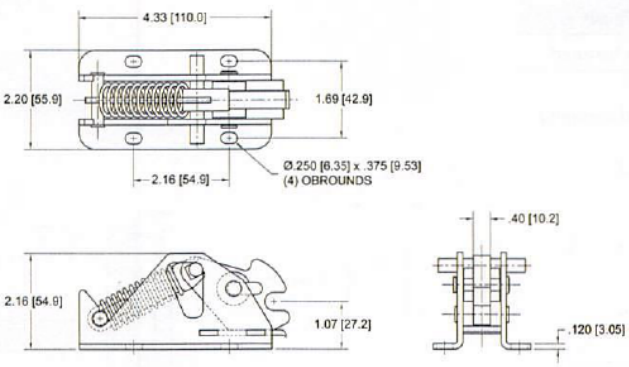


Part Number	Material	Finish	Holes
J2089	steel	mill	round
J2089-01	steel	mill	round
J2089-02	steel	mill	round
J2089-03	steel	zinc plated	obround

- lever and bolt zinc plated
- part no. **J2089** is shipped unassembled

Compartment Latch



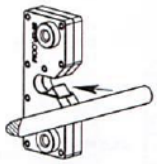


Part Number	Material	Finish
1180	steel body	zinc plated

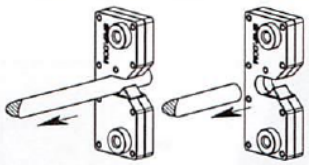
- high impact nylon catch

Slam Action Strikes

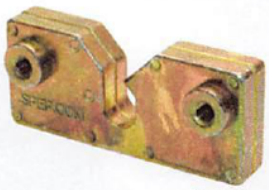
Part No.	Material	Finish	Studs
L800	die cast zinc	yellow zinc	yes
L801	die cast zinc	yellow zinc	no



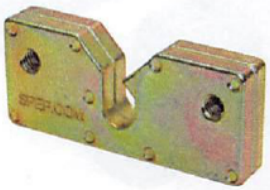
ROD IS SLAMED INTO LATCH TO ENGAGE



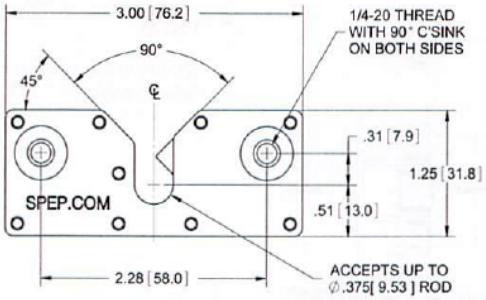
ROD SLIDES OUT OF LATCH WHEN HANDLE IS TURNED TO DISENGAGE



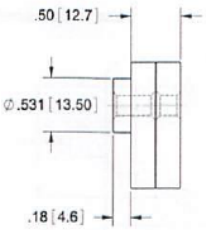
with studs



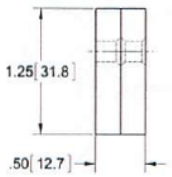
without studs



FRONT VIEW



RIGHT SIDE VIEW WITH STUDS

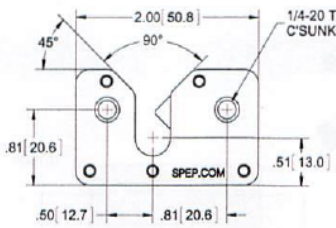


RIGHT SIDE VIEW WITHOUT STUDS

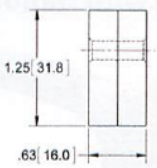
Slam Action Strike

Part No.	Material	Finish
L803	die cast zinc	yellow zinc





FRONT VIEW



RIGHT SIDE VIEW

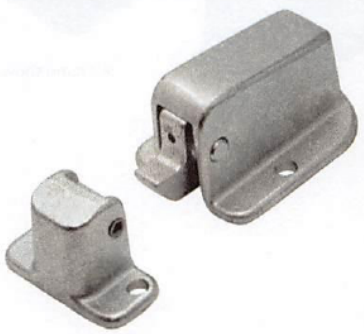
Small Explosion Venting Latch

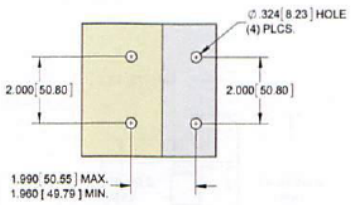
Part Number	Material	Finish
174	cast iron housing	zinc plated

- slotted screw on back for latch tension adjustment
- adjustable release force: 10 - 45 lbs.

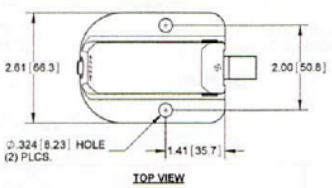
See our industrial pulls on pages 19 & 20.

We also offer a variety of butt hinges. Refer to pages 75 & 247.

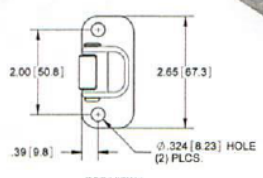




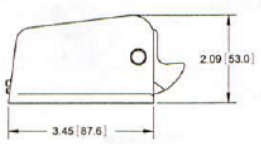
MOUNTING DIMENSIONS



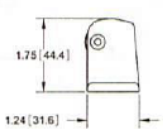
TOP VIEW



TOP VIEW

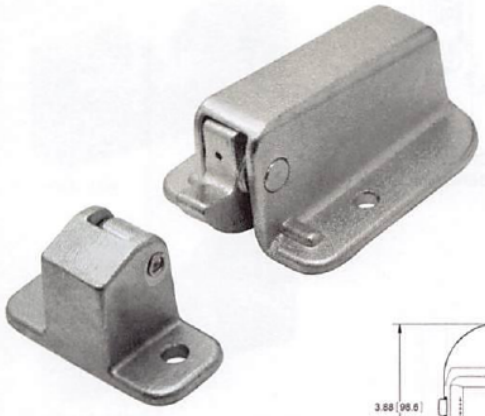


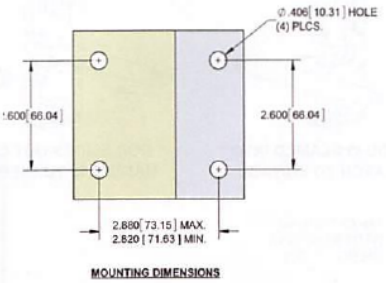
FRONT VIEW



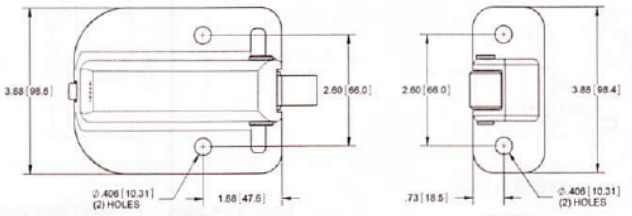
FRONT VIEW

Large Explosion Venting Latch

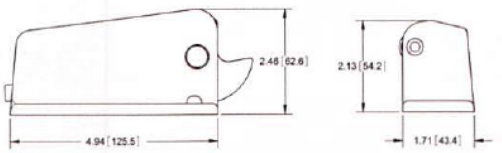




MOUNTING DIMENSIONS



TOP VIEW TOP VIEW



FRONT VIEW FRONT VIEW

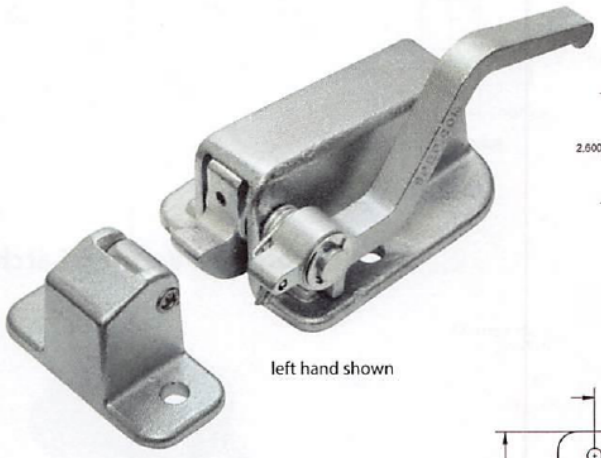
Part Number	Material	Finish
176	cast iron housing	zinc plated

- hex screw on back for latch tension adjustment
- adjustable release force: 43 - 180 lbs.

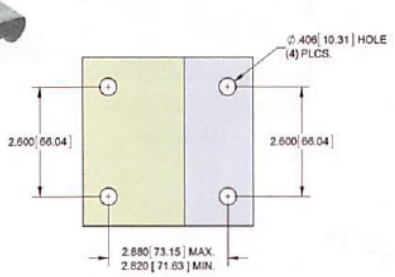
See our industrial pulls on pages 19 & 20.

We also offer a variety of butt hinges. Refer to pages 75 & 247.

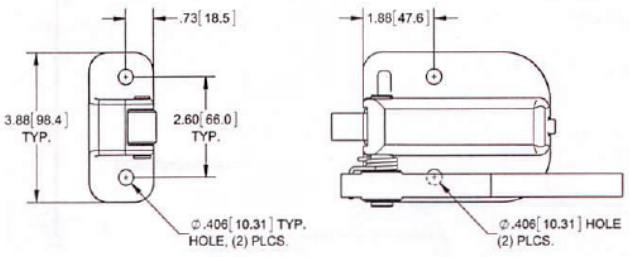
Large Explosion Venting Latch with Handle



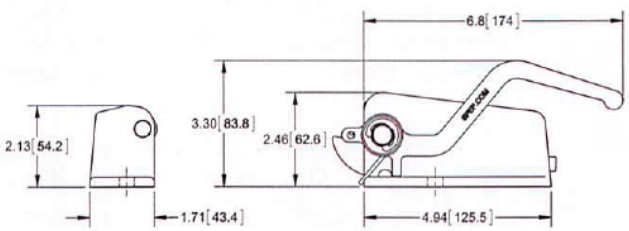
left hand shown



MOUNTING DIMENSIONS



TOP VIEW



FRONT VIEW

Part No.	Handle	Material	Finish
176-01	left hand	cast iron housing	zinc plated
176-02	right hand	cast iron housing	zinc plated

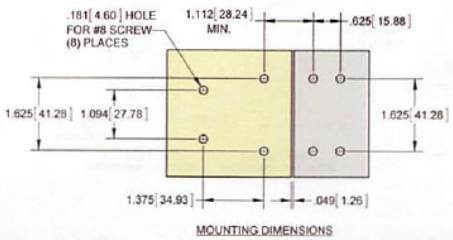
- hex screw on back for latch tension adjustment
- adjustable release force: 43 - 180 lbs.
- shims available

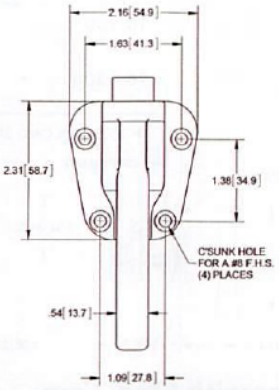
Small Stainless Steel Slam Latches

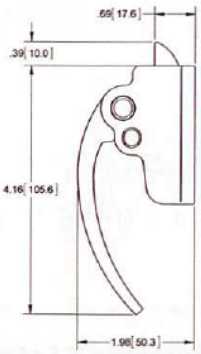
Small Slam Latches

Part Number	Material	Finish
123SS	cast 304SS	brushed
123SSP	cast 304SS	hand polished

▸ all components are 304SS





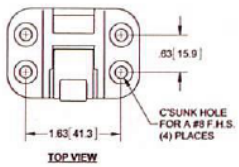


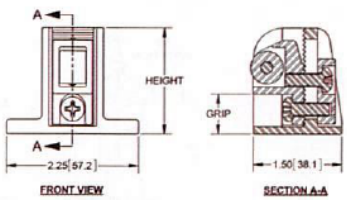


Small Keepers

Part Number	Description	Grip	Height	Material	Finish
123SS-K1	short keeper	flush to .50 [12.7]	1.78 [45.1]	cast 304SS	brushed
123SSP-K1	short keeper	flush to .50 [12.7]	1.78 [45.1]		hand polished
123SS-K2	tall keeper	.56 [14.3] to 1.25 [31.8]	2.32 [58.9]		brushed
123SSP-K2	tall keeper	.56 [14.3] to 1.25 [31.8]	2.32 [58.9]		hand polished

▸ all components are 304SS





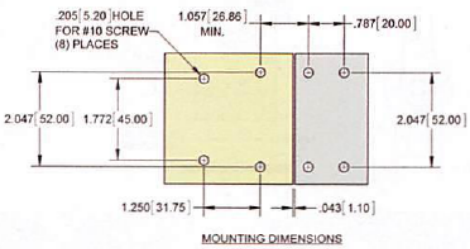


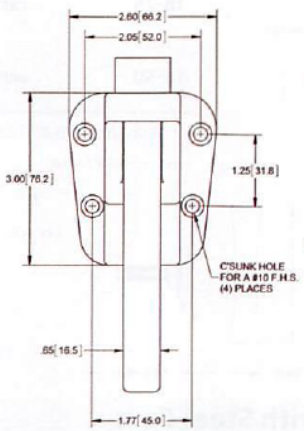
Large Stainless Steel Slam Latch

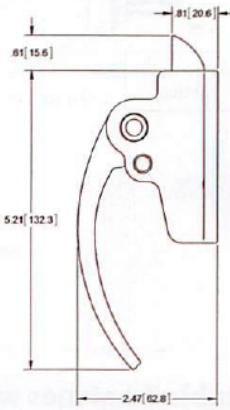
Large Slam Latch

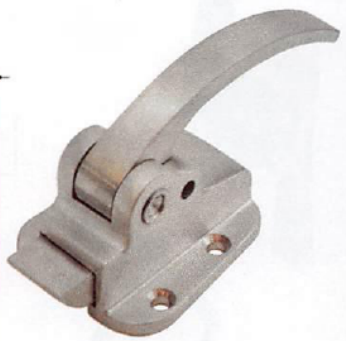
Part Number	Material	Finish
122SS	cast 304SS	brushed
122SSP	cast 304SS	hand polished

▸ all components are 304SS





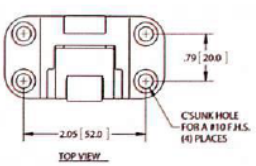


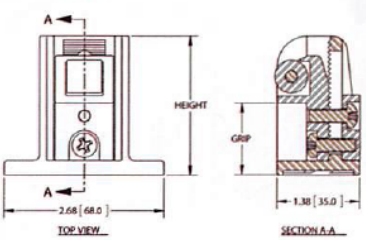


Large Keepers

Part Number	Description	Grip	Height	Material	Finish
122SS-K1	short keeper	flush to .38 [9.6]	1.78 [45.1]	cast 304SS	brushed
122SSP-K1	short keeper	flush to .38 [9.6]	1.78 [45.1]		hand polished
122SS-K2	tall keeper	.50 [12.7] to 1.25 [31.8]	2.32 [58.9]		brushed
122SSP-K2	tall keeper	.50 [12.7] to 1.25 [31.8]	2.32 [58.9]		hand polished

▸ all components are 304SS





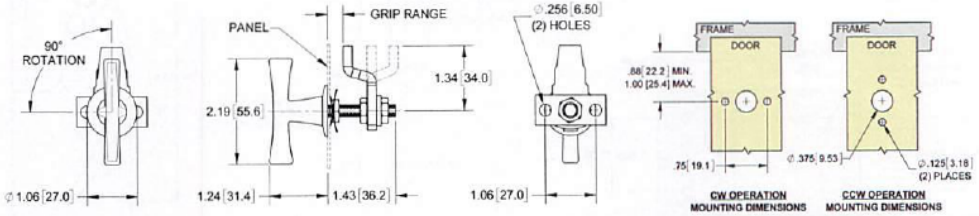


Small Three-Point Adjustable T-Latches with Steel Cam



Part Number	Grip Range	Cam Style	Material	Finish
16-1505	.50 [12.7] - 1.00 [25.4]	straight	die cast zinc	zinc plated
16-1506	0.00 [0.0] - .50 [12.7]	offset in		
	1.00 [25.4] - 1.50 [38.0]	offset out		

- includes cam and cam jam nuts

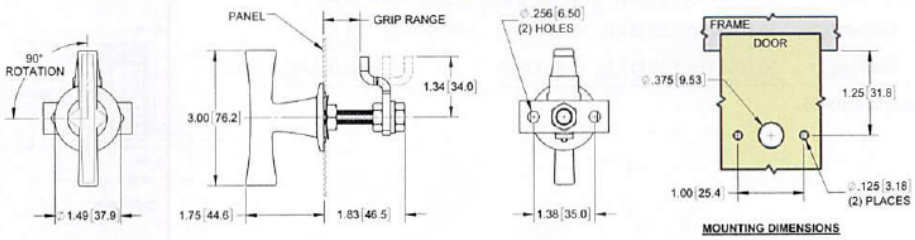


Medium Three-Point Adjustable T-Latches with Steel Cam



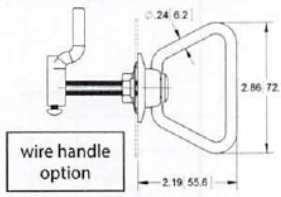
Part Number	Grip Range	Cam Style	Material	Finish
16-2005	.56 [14.3] - 1.28 [32.5]	straight	die cast zinc	zinc plated
16-2006	.06 [1.6] -.78 [19.8]	offset in		
	1.06 [27.0] - 1.78 [45.2]	offset out		

- includes cam and cam jam nuts



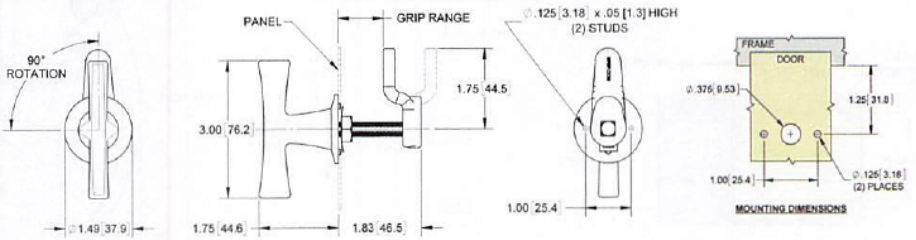
Medium Single-Point Adjustable T-Latches with Die Cast Zinc Cam



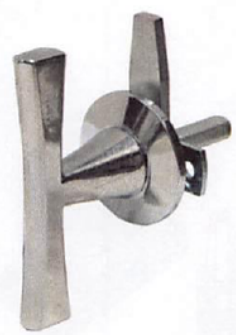


Part Number	Handle	Grip Range	Cam Style	Material	Finish
16-25	cast	.13 [3.2] - 1.00 [25.4]	offset in	die cast zinc	zinc plated
		1.00 [25.4] - 2.00 [50.8]	offset out		
16-50	wire	.13 [3.2] - 1.00 [25.4]	offset in	die cast zinc	zinc plated
		1.00 [25.4] - 2.00 [50.8]	offset out		

- includes cam and cam set screw

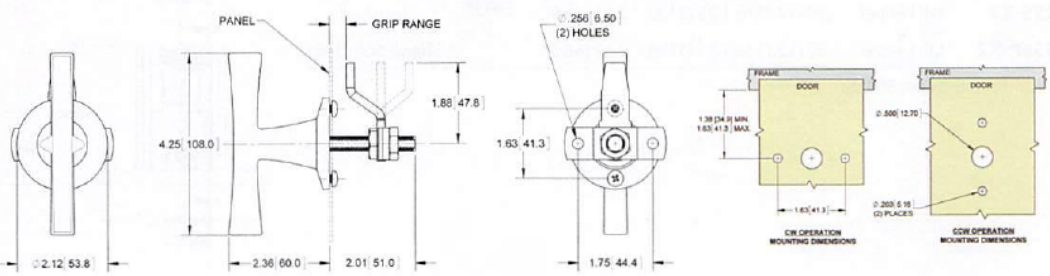


Large Three-Point Adjustable T-Latches with Steel Cam



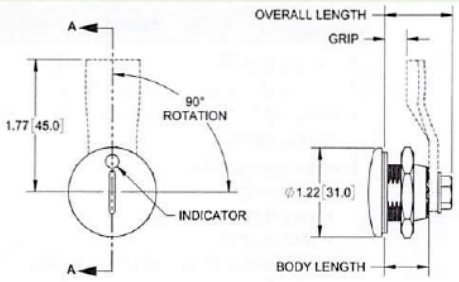
Part Number	Grip Range	Cam Style	Material	Finish
16-3005	.25 [6.4] - 1.50 [38.0]	straight	die cast zinc	zinc plated
16-3006	0.00 [0.0] - .75 [19.0]	offset in		
	1.00 [25.4] - 2.25 [57.0]	offset out		

- includes: cam, cam jam nuts, and mounting screws

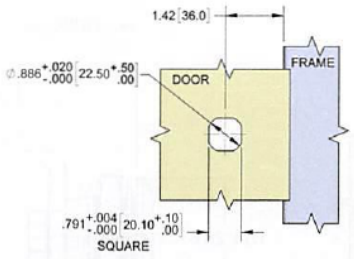


Low Profile Quarter-turn Latches

NEMA 4 NEMA 12 IP65 RATED



FRONT VIEW RIGHT SIDE VIEW



MOUNTING DIMENSIONS
.24 [6.0] MAX. THICKNESS



part no. **41-70BK**

Part Number	Material	Finish	Plug Style	Description	Body Length	Overall Length	Keys
41-60BK	die cast zinc	matte black powder coated		slotted	.63 [16.0]	.93 [23.7]	no key
41-60TC		textured chrome					
41-61BK		matte black powder coated		8MM square			**4-19K01**
41-61TC		textured chrome					
41-62BK		matte black powder coated		7MM triangle			**30K**
41-62TC		textured chrome					
NEW **41-63BK**		matte black powder coated		wing handle			no key
NEW **41-63TC**		textured chrome					
NEW **41-67TC**		textured chrome		recessed 8MM square			no key
41-70BK		matte black powder coated		slotted	.94 [24.0]	1.25 [31.7]	no key
41-70TC		textured chrome					
41-71BK		matte black powder coated		8MM square			**4-19K01**
41-71TC		textured chrome					
41-72BK		matte black powder coated		7MM triangle			**30K**
41-72TC		textured chrome					
NEW **41-73BK**		matte black powder coated		wing handle			no key
NEW **41-73TC**		textured chrome					



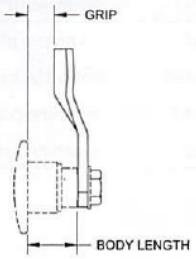
part no. **41-73TC**

- includes:
  - body nut
  - cam retaining screw
  - detent washer
  - face gasket
  - internal O-ring
- use only with cams below, sold separately
- keys sold separately
- intended for NEMA type 4 & 12 enclosures

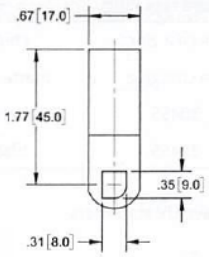
One Point Cams

Part Number	Grip		Offset In
	Short Body Length	Long Body Length	
12C100	---	.24 [6.0]	.71 [18.0] in
12C101	---	.31 [8.0]	.63 [16.0] in
12C102	.08 [2.0]	.39 [10.0]	.55 [14.0] in
12C103	.16 [4.0]	.14 [12.0]	.47 [12.0] in
12C104	.24 [6.0]	.55 [14.0]	.39 [10.0] in
12C105	.31 [8.0]	.63 [16.0]	.31 [8.0] in
12C106	.39 [10.0]	.71 [18.0]	.24 [6.0] in
12C107	.47 [12.0]	.79 [20.0]	.16 [4.0] in
12C108	.55 [14.0]	.87 [22.0]	.08 [2.0] in
12C109	.63 [16.0]	.94 [24.0]	.00 [0.0]

- steel, zinc plated



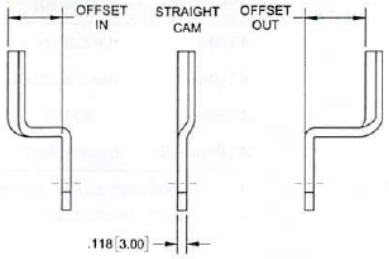
GRIP & BODY LENGTH



FRONT VIEW

Part Number	Grip		Offset Out
	Short Body Length	Long Body Length	
12C110	.71 [18.0]	1.02 [26.0]	.08 [2.0] out
12C111	.79 [20.0]	1.10 [28.0]	.16 [4.0] out
12C112	.87 [22.0]	1.18 [30.0]	.24 [6.0] out
12C113	.94 [24.0]	1.25 [32.0]	.31 [[8.0] out
12C114	1.02 [26.0]	1.34 [34.0]	.39 [10.0] out
12C115	1.10 [28.0]	1.42 [36.0]	.47 [12.0] out
12C116	1.18 [30.0]	1.50 [38.0]	.55 [14.0] out
12C117	1.25 [32.0]	1.57 [40.0]	.63 [16] out
12C118	1.34 [34.0]	1.65 [42.0]	.71 [18.0] out
12C119	1.42 [36.0]	1.73 [44.0]	.79 [20.0] out

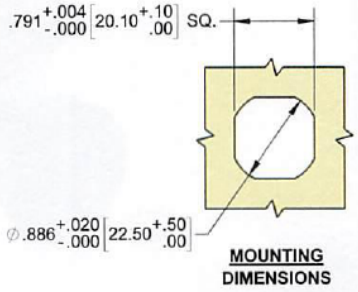
- steel, zinc plated



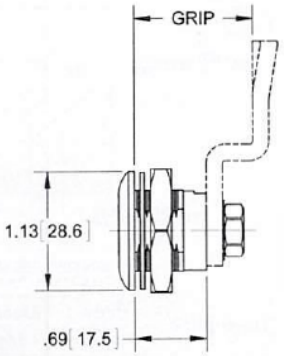
SIDE RIGHT VIEW

Quarter-turn Latches

NEMA 4x NEMA 4 NEMA 12 IP66 UL



MOUNTING DIMENSIONS



Features

- cam rotates 90°
- cam locators designed into inserts
- intended for NEMA type 4, 4X, 12 and IP66 enclosure requirements
- assembly includes:
  - body nut
  - cam retaining screw
  - disc washer
  - UL rated seals (o-ring & face gasket)
- cams sold separately. See pg. 103 for cams & grip dimension

316SS PAT. Slotted Plug Quarter-turn Latches



patented

Part Number	Material		Finish	
	Housing	Slotted Plug	Housing	Slotted Plug
41-00	die cast zinc	die cast zinc	chrome plated	chrome plated
41-00BK	die cast zinc	die cast zinc	matte black painted	matte black painted
41-00SS	304SS	304SS	machine polished	machine polished
41BK-00	die cast zinc	die cast zinc	matte black painted	chrome plated
41-00P	thermoplastic	thermoplastic*	black textured	black textured
41P-00SS	thermoplastic	304SS	black textured	machine polished
41-00SST	316SS	316SS	passivated	passivated

- * thermoplastic plug is glass reinforced
- parts with thermoplastic materials have UV stabilizers

8mm Recessed Hex Plug Quarter-turn Latches



Part Number	Material		Finish	
	Housing	Hex Plug	Housing	Hex Plug
41-02	die cast zinc	die cast zinc	chrome plated	chrome plated
41-02BK	die cast zinc	die cast zinc	matte black painted	matte black painted

- hex tool key sold separately as part no. **392-K** pg. 35

UV 10mm Recessed Hex Plug Quarter-turn Latches



Part Number	Material		Finish	
	Housing	Hex Plug	Housing	Hex Plug
41-03	die cast zinc	die cast zinc	chrome plated	chrome plated
41-03BK	die cast zinc	die cast zinc	matte black painted	matte black painted
41BK-03	die cast zinc	die cast zinc	matte black painted	chrome plated
41P-03	thermoplastic	die cast zinc	black textured	chrome plated

- parts with thermoplastic materials have UV stabilizers

UV Hex Plug Quarter-turn Latches



Part Number	Material		Finish	
	Housing	Bellcore Hex Plug	Housing	Bellcore Hex Plug
41-04	die cast zinc	die cast zinc	chrome plated	chrome plated
41-04BK	die cast zinc	die cast zinc	matte black painted	matte black painted
41-04SS	304SS	304SS	machine polished	machine polished
41P-04SS	thermoplastic	304SS	black textured	machine polished

- activated with a 7/16" socket
- parts with thermoplastic materials have UV stabilizers

8mm Square Plug Quarter-turn Latches UV

Part Number	Material		Finish	
	Housing	Square Plug	Housing	Square Plug
41-07	die cast zinc	die cast zinc	chrome plated	chrome plated
41-07BK	die cast zinc	die cast zinc	matte black painted	matte black painted
41BK-07	die cast zinc	die cast zinc	matte black painted	chrome plated
41P-07	thermoplastic	die cast zinc	black textured	chrome plated

- thermoplastic plug is glass reinforced
- parts with thermoplastic materials have UV stabilizers



Key-Locking Quarter-turn Latches

Part Number	Material	Finish	Key Code
41-10	die cast zinc	chrome	CH751
41-1013	die cast zinc	chrome	333
41-10BK	die cast zinc	black	CH751
41-1013BK	die cast zinc	black	333

- 180° rotation available
- 304SS scalp with dust shutter



Quarter-turn Thumb Latches

Part Number	Material		Finish	
	Housing	Thumb-turn Plug	Housing	Thumb-turn Plug
41-05	die cast zinc	die cast zinc	chrome plated	chrome plated
41-05BK	die cast zinc	die cast zinc	matte black painted	matte black painted



Quarter-turn Thumb Latches UV

Part Number	Material		Finish	
	Housing	Thumb-turn Plug	Housing	Thumb-turn Plug
41-08BK	die cast zinc	plastic	matte black painted	black
NEW **41-08BK50***	die cast zinc	plastic/die cast zinc	black textured	black textured
41-08SS	304SS	plastic	machine polished	black
41-08P	die cast zinc	plastic	chrome plated	black
41P-08	thermoplastic	plastic	black textured	black

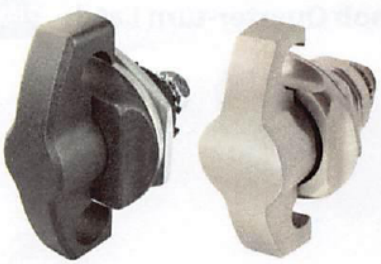
- thermoplastic plug is glass reinforced
- parts with thermoplastic materials have UV stabilizers
- * p/n **41-08BK50** has 18MM housing



Padlocking Quarter-turn Thumb Latch 316SS

Part Number	Material		Finish	
	Housing	Thumb-turn Plug	Housing	Thumb-turn Plug
41-09BK	die cast zinc	die cast zinc	matte black painted	black
NEW **41-09SST***	316SS	316SS	brushed	brushed

- accepts padlock with shackle of up to 3/8" diameter
- * p/n **41-09SST** has 18MM housing



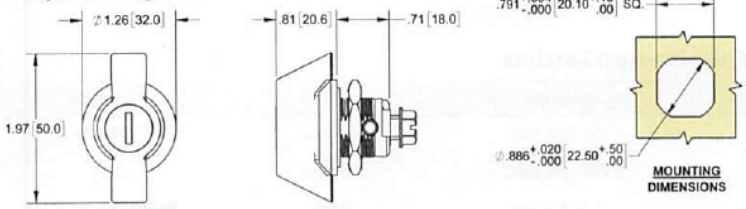
Quarter-turn Thumb Latches

316SS IP65 RATED



Part Number	Housing		Thumb-turn Plug		Key Code
	Material	Finish	Material	Finish	
41-30	die cast zinc	bright chrome	die cast zinc	bright chrome	non-locking
41-30BK	die cast zinc	textured black powder coated	die cast zinc	textured black powder coated	non-locking
41-30LK	die cast zinc	bright chrome	die cast zinc	bright chrome	333
41-30BKLK	die cast zinc	textured black powder coated	die cast zinc	textured black powder coated	333
NEW 41-30BKLK751					CH751
NEW 41-30SST	316SS	brushed	316SS	brushed	non-locking

- assembly includes: body nut, cam retaining screw, internal O-ring, face gasket, and (2) ringed keys for locking latch
- cams sold separately. See pg. 103 for cams & grip dimension



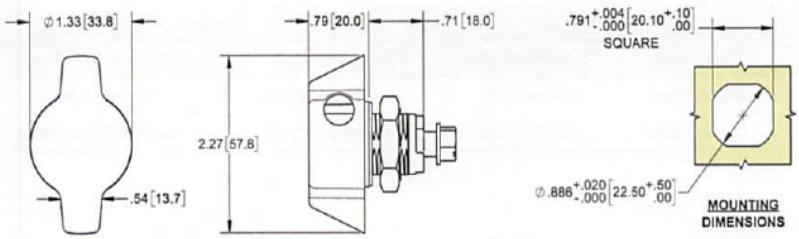
Padlocking Quarter-turn Wing Knob Latches

NEW PRODUCT FAMILY



Part Number	Housing		Wing Knob	
	Material	Finish	Material	Finish
41-35	die cast zinc	mill	die cast zinc	chrome plated
41-35BK	die cast zinc	mill	die cast zinc	textured black powder coated

- assembly includes: body nut, cam retaining screw, internal O-ring, & face gasket
- cams sold separately. See pg. 103 for cams & grip dimension



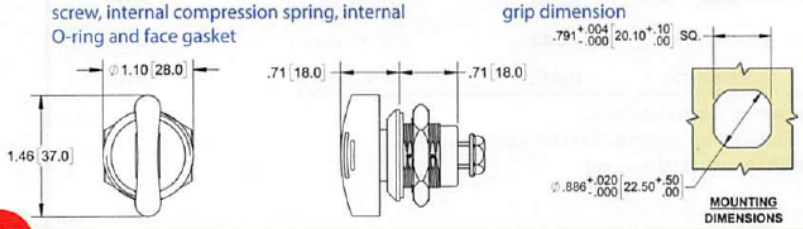
Quarter-turn Thumb Latches

NEMA 12 IP65 RATED



Part Number	Housing		Thumb-turn Plug	
	Material	Finish	Material	Finish
41-19BK	die cast zinc	black powder coat	die cast zinc	black powder coat
41-19CH	die cast zinc	chrome plated	die cast zinc	chrome plated

- assembly includes: body nut, cam retaining screw, internal compression spring, internal O-ring and face gasket
- cams sold separately. See pg. 103 for cams & grip dimension



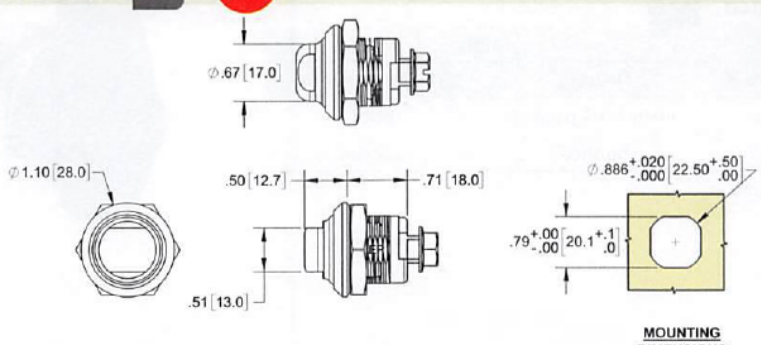
Knob Quarter-turn Latch

316SS NEW



Part Number	Material	Finish
41-40SST	316SS	mill

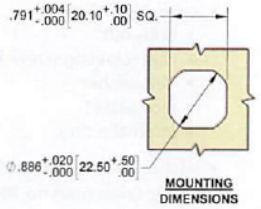
- assembly includes: body nut, face seal, disc spring, small o-ring and large orange o-ring
- cams sold separately. See pg. 103 for cams & grip dimension

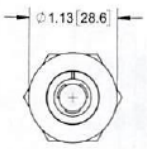


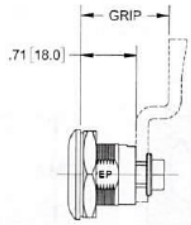
Tubular Quarter-turn Latch

Part Number	Description	Material	Finish	Key Part No.
41-18BK	tubular	die cast zinc	matte black powder coated	**3-13K**

- assembly includes: body nut, cam retaining screw, and seals: (1) internal o-ring and a face gasket
- cams sold separately.
  See pg. 103 for cams & grip dimension
- tubular plug for higher security
- intended for NEMA type 4 & 12 enclosures





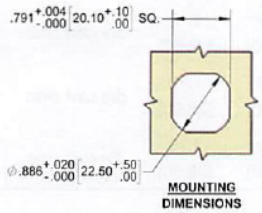


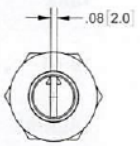


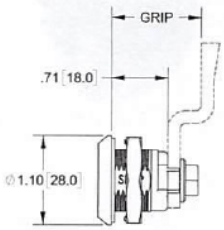
Coin-proof Slotted Quarter-turn Latch

Part Number	Description	Material	Finish	Key Part No.
41-01BK	coin-proof slot	die cast zinc	textured black	no key

- coin-proof slotted plug for higher security assembly includes: body nut, cam retaining screw, and seals: (1) internal o-ring and a face gasket
- cams sold separately.
  See pg. 103 for cams & grip dimension
- intended for NEMA type 4 & 12 enclosures





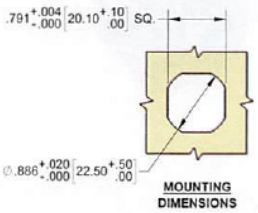


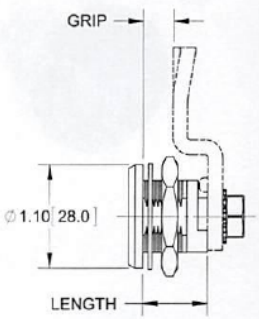


Quarter-turn Latches

Features

- intended for NEMA type 4, 4X & 12 enclosures
- assembly includes:
  - body nut
  - cam retaining screw
  - disc washer
  - face gasket
  - internal o-ring
- cams sold separately. See pg. 103 for cams & grip dimension
- * keys sold separately. See table for key part numbers
- latches below may use the Plastic Cover (part no. **KH55BK-10**) on pg. 94





Quarter-turn Latches with Slotted Plugs

Part Number	Length	Material		Finish		Key Part No.
		Housing	Plug	Housing	Plug	
12	.709 [18.00]	die cast zinc	die cast zinc	chrome plated	chrome plated	no key
12BK	.709 [18.00]	die cast zinc	die cast zinc	black e-coat	black e-coat	no key
12PBK	.709 [18.00]	plastic	die cast zinc	black	chrome	no key
12SS	.709 [18.00]	304SS	304SS	machine polished	machine polished	no key
12SST	.709 [18.00]	316SS	316SS	machine polished	machine polished	no key
12SST-50*	.709 [18.00]	316SS	316SS	machine polished	machine polished	no key

- * part no. **12SST-50** has compression spring instead of disc washer



Quarter-turn Latches with Square Plugs

Part Number	Length	Material	Finish	Square Plug Size	Face With Arrow	Key Part No.
14	.689 [17.50]	die cast zinc	chrome plated	7mm	no	**4-16K**
14-50*	.709 [18.00]	die cast zinc	chrome plated	7mm	no	**4-16K**
14BK-50*	.709 [18.00]	die cast zinc	black, smooth	7mm	no	**4-16K**
14-01	.709 [18.00]	die cast zinc	chrome plated	8mm	yes	**4-19K01**
14BK-01	.709 [18.00]	die cast zinc	black	8mm	yes	**4-19K**

- * part numbers **14-50** & **14BK-50** have compression spring instead of disc washer



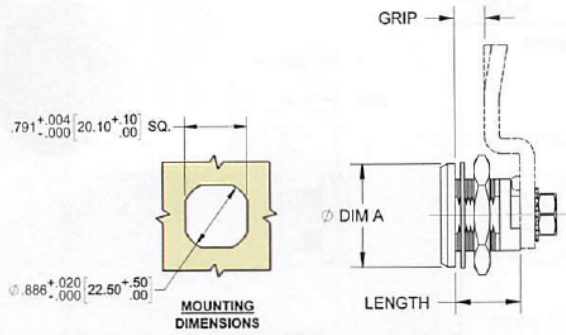
7mm
no arrow



8mm
with arrow

Quarter-turn Latches

NEMA 4 NEMA 12 UV IP65 RATED



Features

- intended for NEMA type 4 & 12 enclosures
- cams sold separately. See pg. 103 for cams & grip dimension
- * keys sold separately. See table for key part numbers
- assembly includes:
  - body nut
  - cam retaining screw
  - disc washer
  - face gasket
  - internal o-ring
- latches on this page, with the exception of part no. **19**, may use the Plastic Cover (part no. **KH55BK-10**) on pg. 94



Double Bit Quarter-turn Latch

Part Number	Length	Ø Dim A	Material	Finish	Plug Size	* Key Part No.
18	.709 [18.00]	1.10 [28.00]	die cast zinc	chrome plated	3mm	**4-14K**
18BK	.709 [18.00]	1.10 [28.00]	die cast zinc	black, textured	3mm	**4-14K**
18-01	.709 [18.00]	1.10 [28.00]	die cast zinc	chrome plated	5mm	**4-14K**
18BK-01	.709 [18.00]	1.10 [28.00]	die cast zinc	black, textured	5mm	**4-14K**



Double Bit Quarter-turn Latches with Compression Spring

Part Number	Length	Ø Dim A	Material	Finish	Plug Size	* Key Part No.
18-50	.709 [18.00]	1.10 [28.00]	die cast zinc	chrome plated	5mm	**4-14K**
18BK-50	.709 [18.00]	1.10 [28.00]	die cast zinc	black, smooth	5mm	**4-14K**

- uses compression spring instead of disc washer



Triangular Quarter-turn Latches

Part No.	Length	Ø Dim A	Material	Finish	Plug Size	* Key Part No.
30	.709 [18.00]	1.26 [32.00]	die cast zinc	chrome plated	7mm	**4-15K**
NEW **30BK**	.709 [18.00]	1.26 [32.00]	die cast zinc	textured black	7mm	**4-15K**
30-01	.709 [18.00]	1.26 [32.00]	die cast zinc	chrome plated	8mm	**4-15K01**
30BK-01	.709 [18.00]	1.26 [32.00]	die cast zinc	textured black	8mm	**4-15K01**



Quarter-turn Thumb Latch

Part Number	Length	Ø Dim A	Material	Finish	* Key Part No.
19	.689 [17.50]	1.10 [28.00]	ABS plastic	black	no key

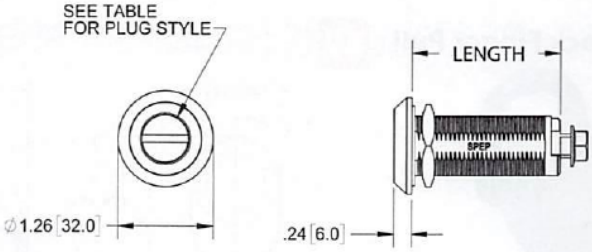
Download 3D MODELS @ www.spep.com

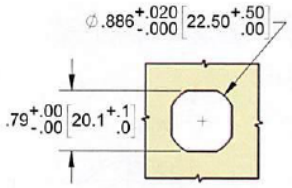
Quarter Turn Latches with Long Housing

Part No.	Length	Plug Style	Material	Finish	Key Part No.
12-30CH	1.18 [30.0]	slotted	die cast zinc	chrome plated	no key
12-30BK				black, textured	
12-10CH	1.97 [50.0]			chrome plated	
12-10BK				black, textured	
14-30	1.18 [30.0]	7MM square	die cast zinc	chrome plated	4-16K
14-30BK				black, textured	
14-10	1.97 [50.0]			chrome plated	
14-10BK				black, textured	
14-305	1.18 [30.0]	8MM square	die cast zinc	chrome plated	4-19K
14-305BK				black, textured	
14-105	1.97 [50.0]			chrome plated	
14-105BK				black, textured	
18-30	1.18 [30.0]	3MM double bit	die cast zinc	chrome plated	4-14K
18-30BK				black, textured	
18-10	1.97 [50.0]			chrome plated	
18-10BK				black, textured	
30-30	1.18 [30.0]	7MM triangle	die cast zinc	chrome plated	4-15K
30-30BK				black, textured	
30-10	1.97 [50.0]			chrome plated	
30-10BK				black, textured	
30-305	1.18 [30.0]	8MM triangle	die cast zinc	chrome plated	4-15K01
30-305BK				black, textured	
30-105	1.97 [50.0]			chrome plated	
30-105BK				black, textured	

▸ cams sold separately. See pg. 103 for cams & grip dimension





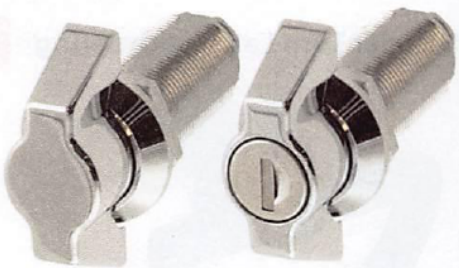


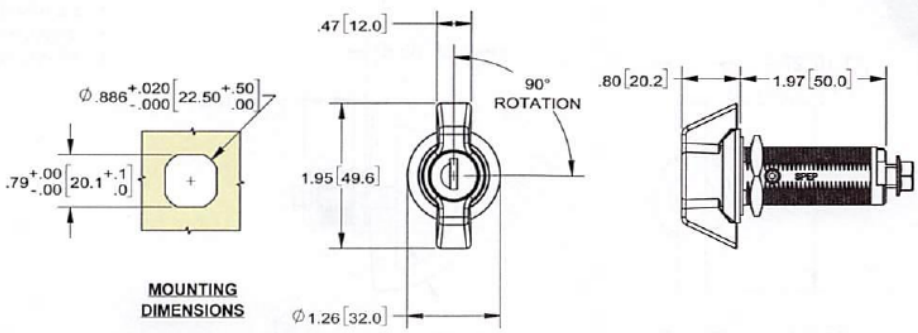
MOUNTING DIMENSIONS

Wing Knob Quarter-turn Latches

Part Number	Material	Finish	Key Code
13-10	die cast zinc	chrome plated	non-locking
13-10BK	die cast zinc	black, textured	non-locking
16-10	die cast zinc	chrome plated	333
16-10BK	die cast zinc	black, textured	333

▸ cams sold separately. See pg. 103 for cams & grip dimension



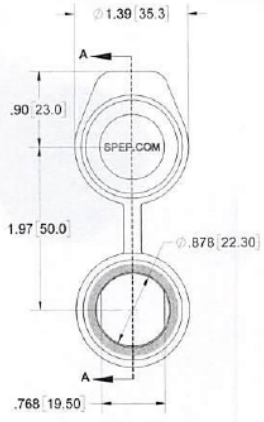


MOUNTING DIMENSIONS

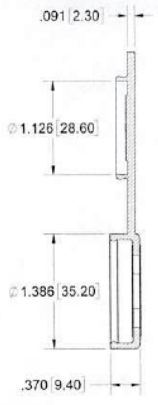
Plastic Cover for Quarter-turn Latches

NEW





FRONT VIEW



SECTION A-A

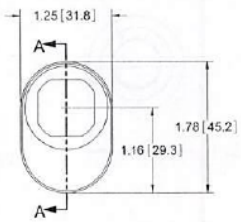
Part Number	Material	Finish
KH55BK-10	thermoplastic	black, slight texture

- protects latch from water and dust
- may be used on latches on pages 88-91 and 131-133 that are not thumb-turn latches

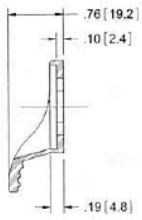
Black Finger Pull

UV





FRONT VIEW



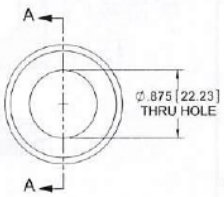
SECTION A-A

Part Number	Material	Finish
KH38BK	thermoplastic with UV stabilizers	textured

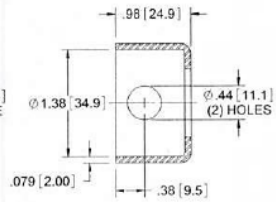
- will shorten cam grip by .10" when you use this part

Padlock Cup





TOP VIEW



SECTION A-A

Part Number	Material	Finish
KH30BK	steel	black powder coated
KH30SS	304SS	passivated

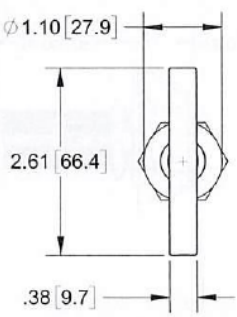
- accepts Ø.375 (3/8) padlock
- will shorten cam grip by .08" when you use this part

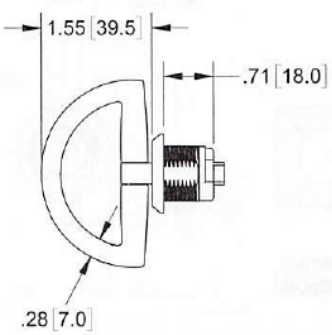
Quarter Turn Latch with D-ring

NEMA 4 NEMA 12 IP65 RATED

NEW







Part Number	Material		Finish	
	Housing	D-ring and Plug	Housing	D-ring and Plug
33BK-50	die cast zinc	die cast zinc	black, smooth	black, smooth

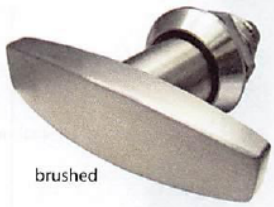
- intended for NEMA type 4 & 12 enclosures
- cams sold separately. See pg. 103 for cams & grip dimension
- assembly includes:
  - body nut
  - cam retaining screw
  - compression spring
  - face gasket
  - internal o-ring
  - 304SS knurled pin

T-Handle Quarter-turn Latches

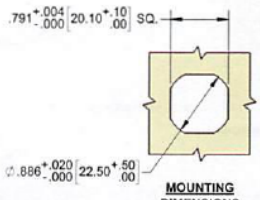
Part Number	Material		Finish		Key Code
	T-Handle	Housing	T-Handle	Housing	
41-12P	plastic	die cast zinc	black	black powder coated	333
41-13P	plastic	die cast zinc	black	black powder coated	non-locking
41-12BK	die cast zinc	die cast zinc	black powder coated	black powder coated	333
41-13BK	die cast zinc	die cast zinc	black powder coated	black powder coated	non-locking
41-12CH	die cast zinc	die cast zinc	polished chrome	polished chrome	333
41-13CH	die cast zinc	die cast zinc	polished chrome	polished chrome	non-locking
41-12SST	316SS	316SS	brushed	brushed	333
41-13SST	316SS	316SS	brushed	brushed	non-locking

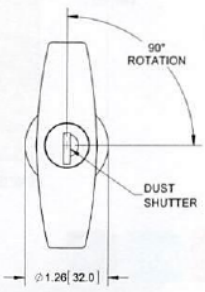
- assembly includes body nut, cam retaining screw, and seals (1 internal o-ring and a face gasket)
- cams sold separately. See pg. 103 for cams & grip dimension
- intended for NEMA type 12 enclosure requirements; NEMA 4, 4X for stainless steel, non-locking part
- locking version includes (2) ringed keys

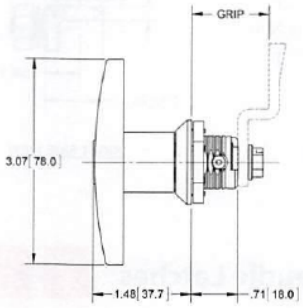










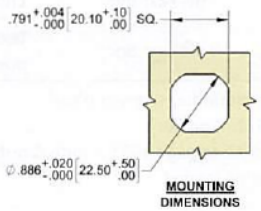


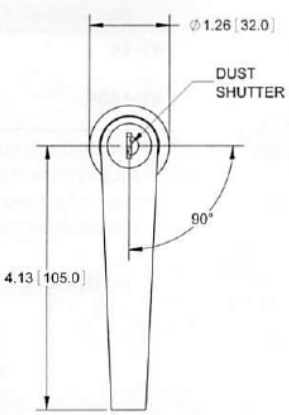
Locking L-Handle Quarter-turn Latches

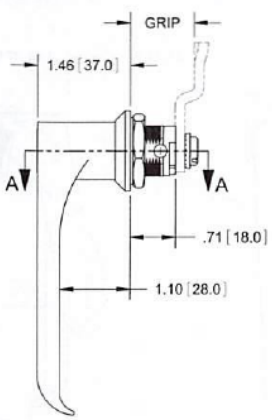
Part Number	Key Code	L-Handle & Housing	
		Material	Finish
41-11	K14	die cast zinc	chrome
41-1101	K16	die cast zinc	chrome
41-11BK	333	die cast zinc	black powder coated
41-11SST	333	316SS	brushed
41-15	non-locking	die cast zinc	chrome
41-15BK	non-locking	die cast zinc	black powder coated
41-15SST	non-locking	316SS	brushed

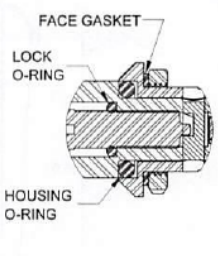
- includes body nut, cam retaining screw, and seals: (2) internal o-rings and a face gasket
- includes (2) ringed keys and stainless steel lock face and dust shutter
- intended for NEMA type 12 enclosure requirements; NEMA 4, 4X for stainless steel, non-locking part
- cams sold separately. See pg. 103 for cams & grip dimension







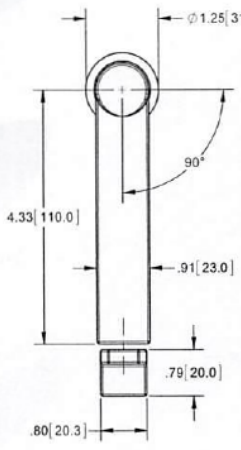




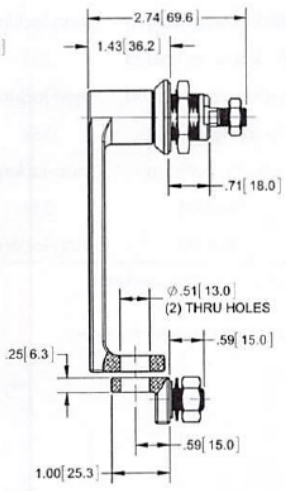
Padlocking Quarter-turn Handle

NEMA 12





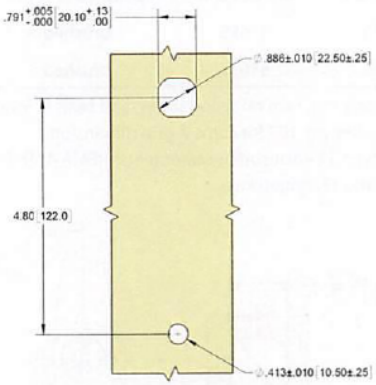
FRONT VIEW



RIGHT SIDE VIEW

Part Number	L-Handle & Housing	
	Material	Finish
41-14BK	aluminum handle & keeper	matte black powder coated

- includes body nut, cam retaining screw, two lock washers, and seals (internal o-ring and two face gaskets)
- intended for NEMA type 12 enclosure requirements
- cams sold separately. See page 103 for cams & grip dimension

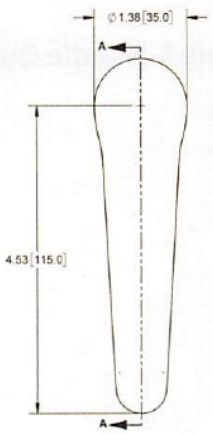


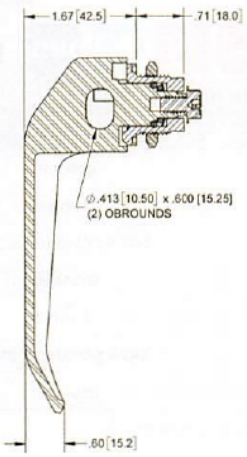
MOUNTING DIMENSIONS

Padlocking Quarter-turn L-Handle Latches

NEMA 4 NEMA 4x NEMA 12 IP65 RATED 316SS



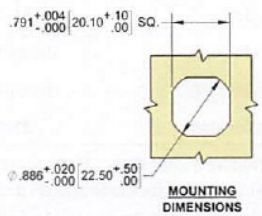




SECTION A-A

Part Number	Material	Finish
41-17	die cast zinc	chrome plated
41-17BK	die cast zinc	smooth, black powder coated
41-17SST	316SS	brushed

- accepts up to Ø.375 (3/8) padlock
- cams sold separately. See page 103 for cams & grip dimension
- intended for NEMA type 12 enclosure requirements; NEMA 4, 4X for stainless steel part

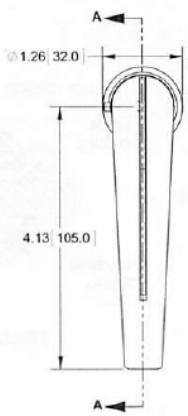


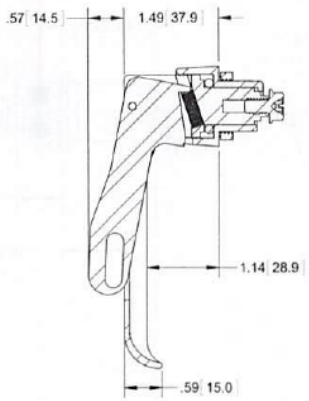
MOUNTING DIMENSIONS

L-Handle Quarter-turn Latches with 304SS Padlock Plate

NEMA 12 IP65 RATED



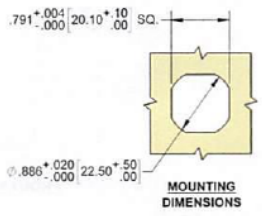




SECTION A-A

Part Number	Material	Finish
41-16	die cast zinc	chrome plated
41-16BK	die cast zinc	textured, black powder coated

- includes body nut, mounting screw and seals
- accepts up to Ø.25 (1/4) padlock
- cams sold separately. See page 103 for cams & grip dimension
- padlock plate is spring loaded

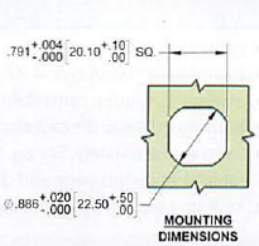


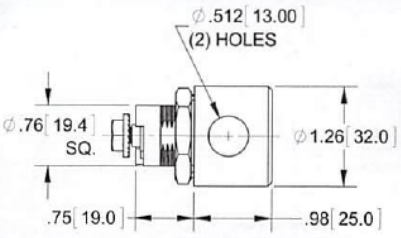
MOUNTING DIMENSIONS

Padlocking Quarter-turn Cabinet Latches

Part Number	Description	Key Part No.
41-20BK	slotted	no key
41-21BK	3mm double bitted	4-14K
41-22BK	7mm triangle	4-15K
41-23BK	7mm square	4-16K
41-24BK	8mm square	4-19K

- material: die cast zinc, black powder coated
- intended for NEMA 4, 12 and IP65 enclosure requirements
- includes:
  - UL rated seals (o-ring and face seal)
  - mounting screw
  - body nut
  - disk washer
- cams sold separately. See pg. 103 for cams and grip dimension



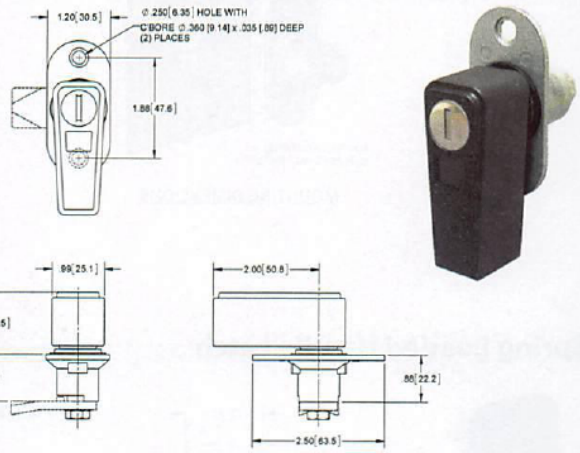


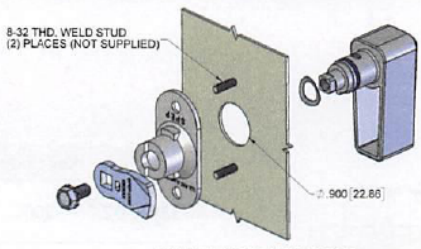




Key Locking Quarter-turn Latches

Part Number	Material	Finish	Key Code
1121-01-B01	die cast zinc	black painted	B01
1121-01-B02	die cast zinc	black painted	B02
1121-01-B03	die cast zinc	black painted	B03
1121-01-B04	die cast zinc	black painted	B04
1121-01-B05	die cast zinc	black painted	B05
1121NL-01	die cast zinc	black painted	non-locking

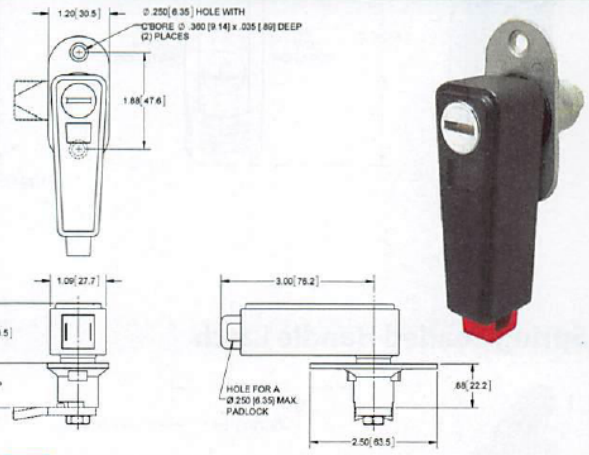


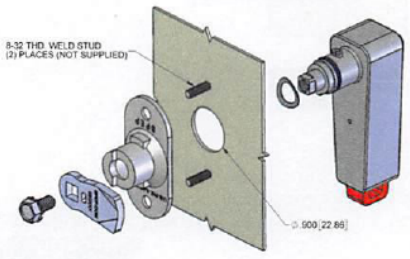


MOUNTING DIMENSIONS

Slotted Padlocking Defeater Latch

Part Number	Material	Finish
1122-01	die cast zinc	black painted



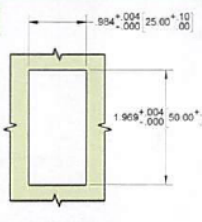


MOUNTING DIMENSIONS

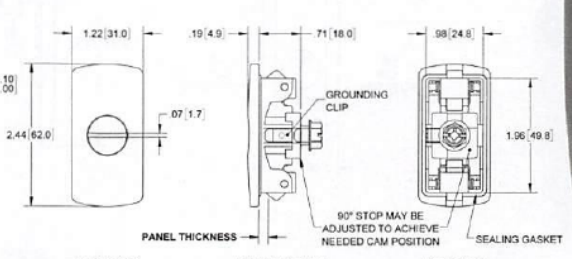
Plastic Snap-in Quarter-turn Latches

Part No.	Material	Panel Thickness
41P-51	black plastic housing and plug	.0315 [.800] - .0590 [1.500]
41P-52		.0512 [1.300] - .0787 [2.000]
41P-53		.0709 [1.800] - .0984 [2.500]
41P-54		.0906 [2.300] - .1181 [3.000]
41P-55		.1102 [2.800] - .1378 [3.500]

- cams sold separately. See pg. 103 for cams & grip dimensions (straight or offset-out cams only)
- snap-in installation
- includes stainless steel grounding clip



MOUNTING DIMENSIONS



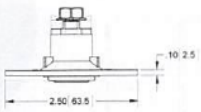


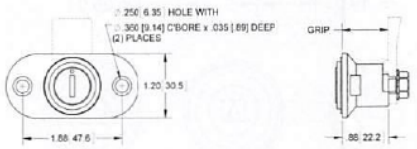
Tool Activated Quarter-turn Latches

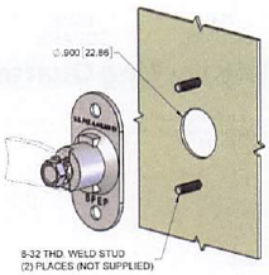
PAT. NEMA 4 NEMA 4x NEMA 12 IP66



part no. **1120-01**
patented







MOUNTING DIMENSIONS

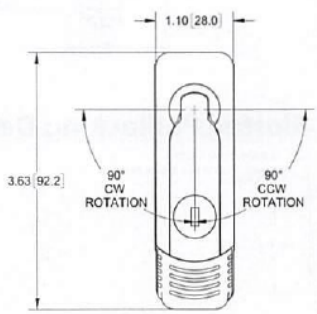
Features

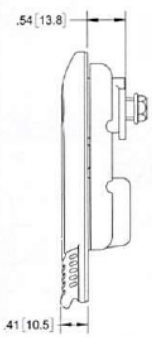
- cam rotates 90°
- intended for NEMA type 4, 4X & 12 enclosures
- assembly includes: cam retaining screw, UL rated seals (o-ring & face gasket), disc washer
- housing material: die cast zinc
- cams sold separately. See pg. 103 for cams & grip dimension.
  for latches on this page add **.185 [4.70]** to all cam grips to get true grip dimension
- keys sold separately - see table for key part numbers

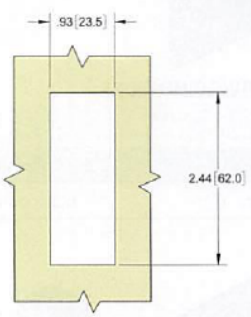
Part Number	Description	Material	Finish	*Key Part No.	Head Style
1120-01	slotted	die cast zinc	chrome	no key	
1120SS-01	slotted with location dimple	304SS	polished	no key	
1123-01	7mm square	die cast zinc	chrome	**14K**	
1124-01	double bitted	die cast zinc	chrome	**18K**	
1125-01	7mm triangle	die cast zinc	chrome	**30K**	

Spring Loaded Handle Latch









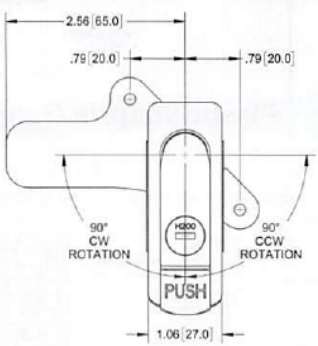
MOUNTING DIMENSIONS
FOR .04 [1.0] - .16 [4.0]
PANEL THICKNESS

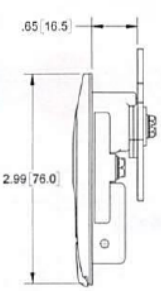
Part No.	Key Code	Material	Finish
53BK-02	200	die cast zinc	matte black

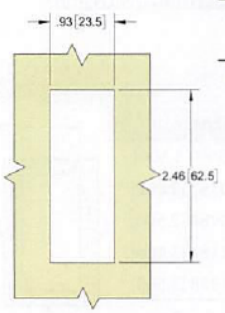
- handle rotation is adjusted by repositioning the 90° stop washer on the rear of the handle
- cams sold separately. See pg. 108 for cams and grip dimensions

Spring Loaded Handle Latch









MOUNTING DIMENSIONS
FOR .04 [1.0] - .08 [2.0]
PANEL THICKNESS

Part No.	Key Code	Material	Finish
53G-01	200	zinc die cast	gray

- handle rotation is adjusted by repositioning the 90° stop washer on the rear of the handle

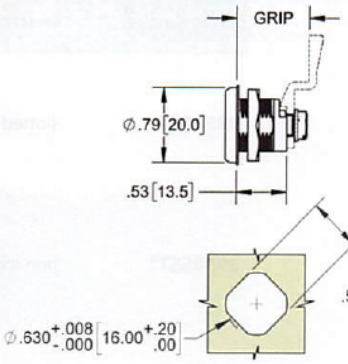
Small Quarter-turn Latches

NEMA 4 NEMA 4x NEMA 12 IP65 RATED

Features

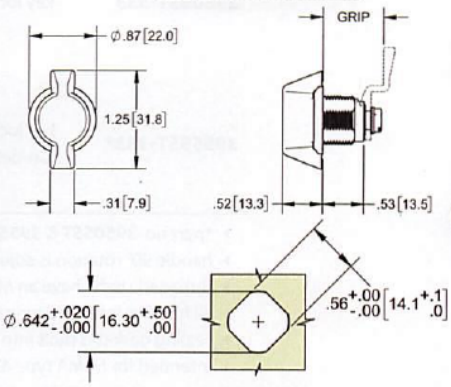
- assembly includes:
  - body mounting nut
  - cam retaining screw
  - face gasket
  - internal O-ring
  - disc washer
- cams sold separately, see table below
- intended for NEMA type 12 enclosure requirements; NEMA 4, 4X for stainless steel part

Part No.	Material	Finish	Plug Style	Description
40-00	die cast zinc	chrome plated		slotted
40-00BK	die cast zinc	black powder coated		slotted
40-01	die cast zinc	chrome plated		6mm square
40-01BK	die cast zinc	black powder coated		6mm square
40-02	die cast zinc	chrome plated		7mm triangular
40-02BK	die cast zinc	black powder coated		7mm triangular
NEW 40-02SS	304SS	machine polished		7mm triangular
40-03	die cast zinc	chrome plated		thumb turn
40-03BK	die cast zinc	black powder coated		thumb turn





MOUNTING DIMENSIONS





MOUNTING DIMENSIONS

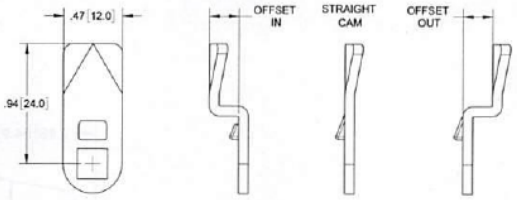
Small Quarter-turn Latches with Wing Knob

NEW PRODUCT FAMILY

Part Number	Material	Finish	Description	Key Code
40-04	die cast zinc	chrome plated	wing knob	non-locking
40-04BK		black powder coated		non-locking
40-04LK		chrome plated		2233
40-04BKLK		black powder coated		2233

Cams

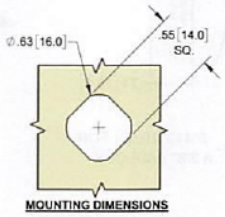
Part Numbers	Grip	Cam Style	Material	Finish
40C10	.53 [13.5]	straight	steel	zinc plated
40C05	.30 [7.5]	offset in	steel	zinc plated
40C15	.77 [19.5]	offset out	steel	zinc plated



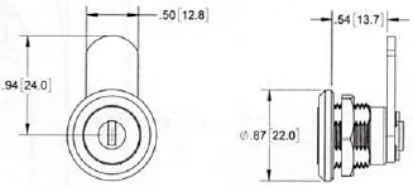
Cam Locks

Part Number	Material	Finish
K201CP	die cast zinc	chrome
K201BK	die cast zinc	black textured powder coat

- key code 2233
- includes cam



MOUNTING DIMENSIONS

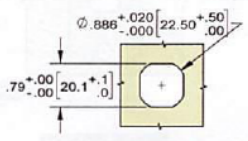




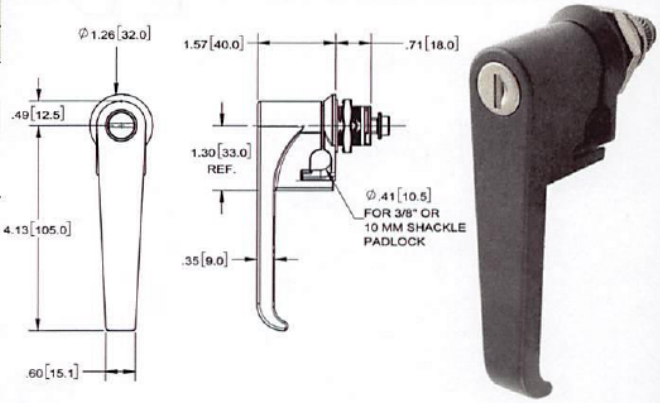
Padlocking Defeater L-Handle Quarter-turn Latches

NEW PRODUCT FAMILY

Part Number	Plug Style	L-Handle & Housing	
		Material	Finish
41-25BK	key code CH751	die cast zinc	black textured powder coated
41-26BK	non-locking	die cast zinc	black textured powder coated
41-27BK	2MM wide x 4MM deep coin-proof slot	die cast zinc	black textured powder coated

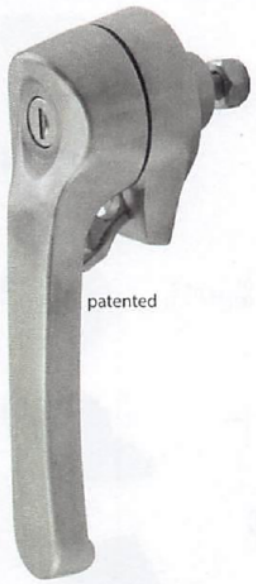


MOUNTING DIMENSIONS



Stainless Steel Defeater L-Handle Latches

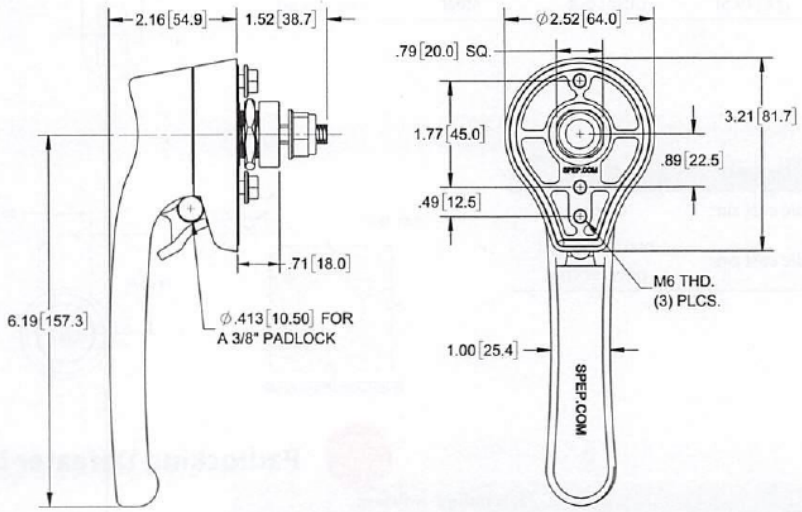
PAT. 316SS NEMA 4x

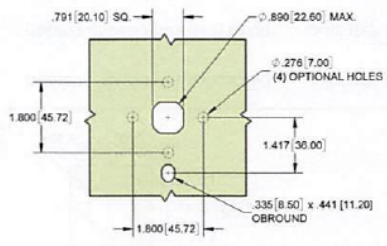


patented

Part Number	Description	Key Part No.	Material	Finish	Shaft Length	Shaft Style	Shaft Size	Mounting
3951SST	slotted plug	no key	316SS	passivated	1.52 [38.7]	threaded	.312 [7.9]	blind
3950SST*	non-locking	no key	316SS	passivated	1.52 [38.7]	threaded	.312 [7.9]	blind
3950SST-333	key locking	Key Code 333 (2 keys included)	316SS	passivated	1.52 [38.7]	threaded	.312 [7.9]	blind
3955SST-333*	key locking, non-defeater	Key Code 333 (2 keys included)	316SS	passivated	1.52 [38.7]	threaded	.312 [7.9]	blind

- *part no. **3950SST** & **3955SST-333** are non-defeater handles
- handle 90° rotation is adjustable by repositioning the stop washer on the rear of the handle
- threaded shafts have an M10 x 1.5 thread
- all handles intended for a Ø.38 [9.5] (3/8") padlock, and no smaller than Ø.31 [7.9] (5/16") to prevent access
- sealing gasket is built into the escutcheon
- intended for NEMA type 4X enclosure requirements
- cams sold separately, see page 103 for cams and grip dimension





MOUNTING DIMENSIONS

Die Cast Zinc Defeater L-Handle Latches

Part Number	Description	Key Part No.	Material	Finish	Shaft Length	Shaft Style	Shaft Size	Mounting
3950	non-locking	no key	die cast zinc	matte black powder coated				
3950-333	key locking	Key Code 333 (2 keys included)	die cast zinc	matte black powder coated				
3950-751	key locking	Key Code CH 751 (2 keys included)	die cast zinc	matte black powder coated				
3951	slotted	no key	die cast zinc	matte black powder coated				
3952	7mm triangle	**4-15K**	die cast zinc	matte black powder coated	1.44 [36.6]	3/8" - 24 thread	.312 [7.9] sq.	blind
3953	7mm square	**4-16K**	die cast zinc	matte black powder coated				
3954	3mm double bitted	**4-14K**	die cast zinc	matte black powder coated				
3955-333*	key locking	Key Code 333 (2 keys included)	die cast zinc	matte black powder coated				
3955-751*	key locking	Key Code CH 751 (2 keys included)	die cast zinc	matte black powder coated				

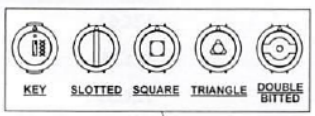


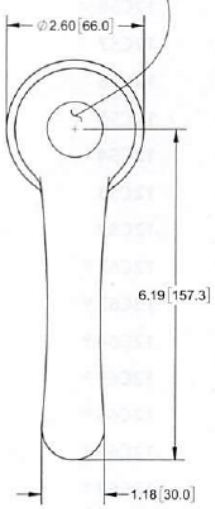
part no. **3950-333**
patented

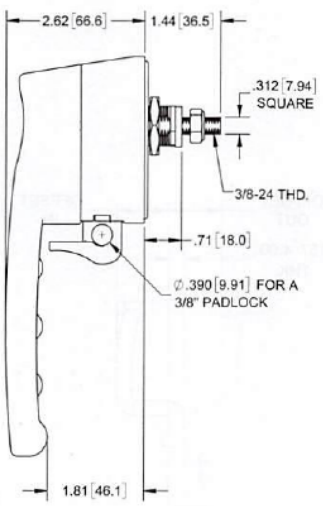


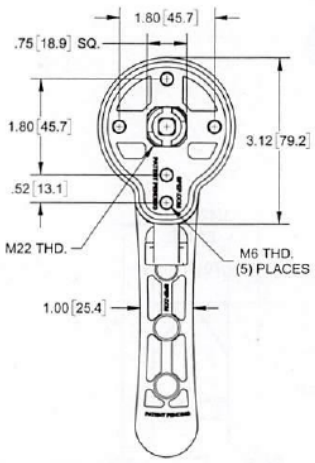
part no. **3951**

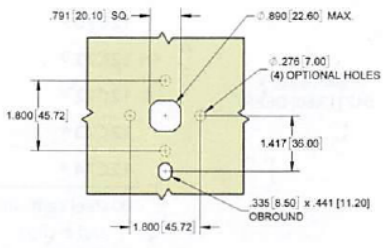
- * part no. **3955-333** and **3955-751** are non defeaters
- handle 90° rotation is adjustable by repositioning the stop washer on the rear of the handle
- all handles intended for a Ø.38 [9.5] (3/8") padlock, and no smaller than Ø.25 [6.4] (1/4") to prevent access
- sealing gasket is built into the escutcheon
- intended for NEMA type 4 & 12 enclosure requirements
- keys are included with handles, except for part no.: **3952**,**3953**, & **3954**
- cams sold separately, see page 103 for cams and grip dimension











MOUNTING DIMENSIONS

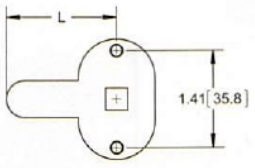
Three Point Cam Kit



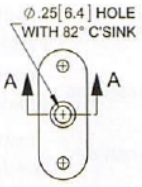
part no. **C11**



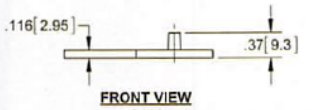
part no. **C12**



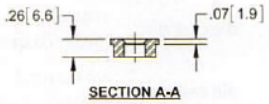
TOP VIEW
CAM



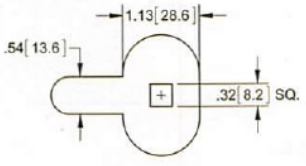
TOP VIEW
COVER



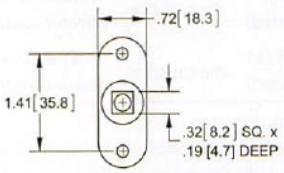
FRONT VIEW
CAM



SECTION A-A
COVER



BOTTOM VIEW
CAM



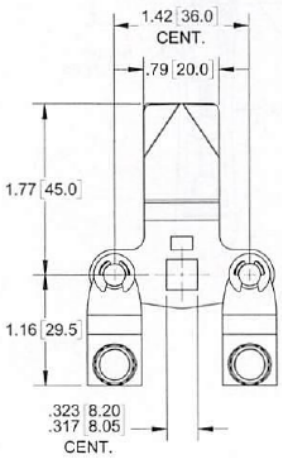
BOTTOM VIEW
COVER

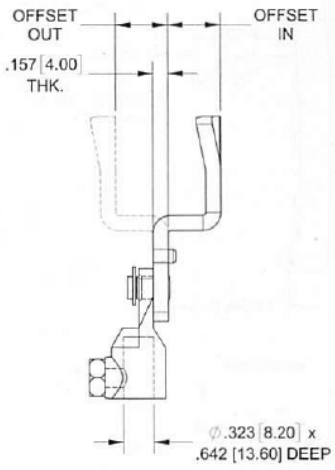
Part Number	L
C11	1.625 [41.28]
C12	2.125 [53.98]

- for .313" sq. shaft
- die cast zinc with mill finish
- use with 723 rods (see pg. 67)
- cam and cover kits are shipped separately in bulk

Three Point Offset Cams







Part Number	Offset
12C61	.63 [16.0] in
12C60	.55 [14.0] in
12C59	.47 [12.0] in
12C58	.39 [10.0] in
12C57	.31 [8.0] in
12C56	.28 [7.0] in
12C55	.24 [6.0] in
12C54	.16 [4.0] in
12C53	.08 [2.0] in
12C52	straight
12C62 •	.08 [2.0] out
12C63 •	.16 [4.0] out
12C64 •	.24 [6.0] out
12C65 •	.28 [7.0] out
12C66 •	.31 [8.0] out
12C67 •	.39 [10.0] out
12C68 •	.47 [12.0] out
12C69 •	.55 [14.0] out
12C70 •	.63 [16.0] out
12C71 •	.67 [17.0] out
12C72 •	.71 [18.0] out
12C73 •	.79 [20.0] out
12C74 •	.87 [22.0] out

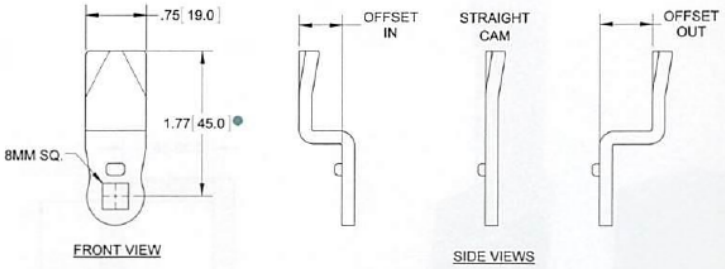
- steel cam with die cast zinc rod adapter and e-clips
- finish: zinc plated
- • new part
- rod adaptor can be purchased separately, p/n **C20**

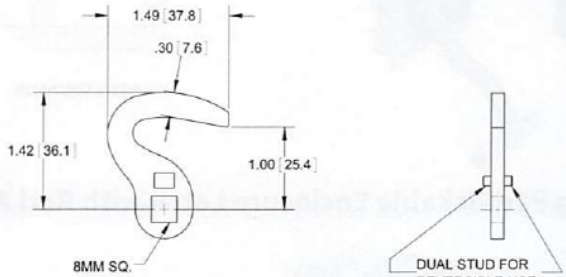
Quarter-turn Latch Cams

Grip *	Steel Part No.	304SS Part No.	Cam Offset
.138 [3.50]	**12C1**	**12C1SS**	.551 [14.00] in
.157 [4.00]	**12C15**	**12C15SS**	.531 [13.50] in
.236 [6.00]	**12C16**	**12C16SS**	.453 [11.50] in
.315 [8.00]	**12C17**	**12C17SS**	.374 [9.50] in
.394 [10.00]	**12C18**	**12C18SS**	.295 [7.50] in
.512 [13.00]	**12C19**	**12C19SS**	.177 [4.50] in
.551 [14.00]	**12C10**	**12C10SS**	.138 [3.50] in
.630 [16.00]	**12C20**	**12C20SS**	.059 [1.50] in
.689 [17.50]	**12C4**	**12C4SS**	straight
.689 [17.50]	**12C8** ●	**12C8SS** ●	straight
.689 [17.50]	**12C9**	**N/A**	straight, hooked (see illustration)
.689 [17.50]	**12C9-01** ●	**N/A**	straight, hooked (see illustration)
.748 [19.00]	**12C5**	**12C5SS**	.059 [1.50] out
.768 [19.50]	**12C2**	**12C2SS**	.079 [2.00] out
.787 [20.00]	**12C22**	**12C22SS**	.098 [2.50] out
.866 [22.00]	**12C6**	**12C6SS**	.177 [4.50] out
.945 [24.00]	**12C23**	**12C23SS**	.256 [6.50] out
.984 [25.00]	**12C24**	**12C24SS**	.295 [7.50] out
1.024 [26.00]	**12C11**	**12C11SS**	.334 [8.50] out
1.102 [28.00]	**12C25**	**12C25SS**	.413 [10.50] out
1.142 [29.00]	**12C7**	**12C7SS**	.453 [11.50] out
1.161 [29.50]	**12C37**	**12C37SS**	.472 [12.00] out
1.181 [30.00]	**12C26**	**12C26SS**	.492 [12.50] out
1.220 [31.00]	**12C3**	**12C3SS**	.531 [13.50] out
1.260 [32.00]	**12C27**	**12C27SS**	.571 [14.50] out
1.339 [34.00]	**12C13**	**12C13SS**	.649 [16.50] out
1.378 [35.00]	**12C28**	**12C28SS**	.689 [17.50] out
1.417 [36.00]	**12C29**	**12C29SS**	.728 [18.50] out
1.457 [37.00]	**12C12**	**12C12SS**	.768 [19.50] out
1.496 [38.00]	**12C30**	**12C30SS**	.807 [20.50] out
1.575 [40.00]	**12C31**	**12C31SS**	.886 [22.50] out
1.654 [42.00]	**12C32**	**12C32SS**	.964 [24.50] out
1.732 [44.00]	**12C33**	**12C33SS**	1.043 [26.50] out
1.772 [45.00]	**12C34**	**12C34SS**	1.083 [27.50] out
1.850 [47.00]	**12C35**	**12C35SS**	1.161 [29.50] out
1.969 [50.00]	**12C36**	**12C36SS**	1.280 [32.50] out

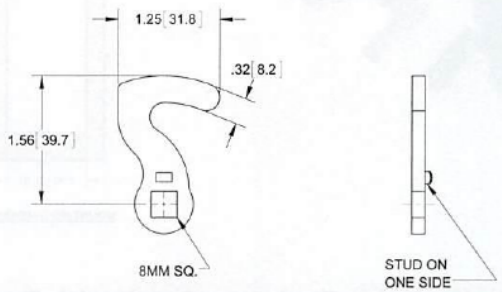
- ● part number **12C8** is 1.26 [32.0] long; all other cams are 1.77 [45.0]
- ● part number **12C9-01** has stud on both sides as illustrated
- steel parts are zinc plated & 304SS parts are passivated
- * grips shown are for latches with .69 [17.5] body length on pages 88 - 91 (see body length table below for other latch body lengths)
- three-point cams are available on pg. 102

Body Length	Dimension to Add for Correct Grip
.69 [17.5]	same as grips on cam table
.71 [18.0]	add .02 [.50] to grips on cam table
.75 [19.1]	add .06 [1.60] to grips on cam table
.88 [22.4]	add .19 [4.90] to grips on cam table
1.18 [30.0]	add .49 [12.50] to grips on cam table
1.97 [50.0]	add 1.28 [32.50] to grips on cam table

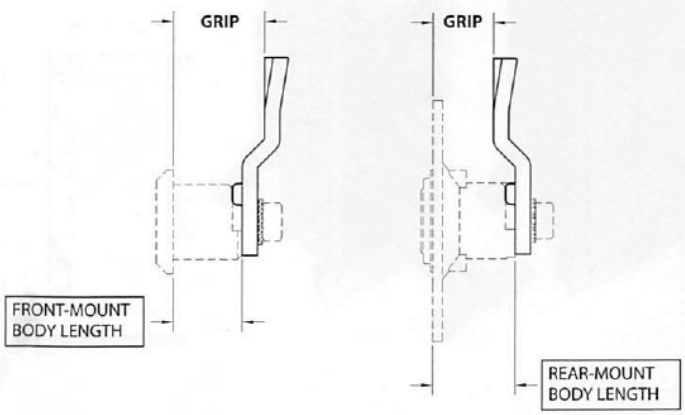




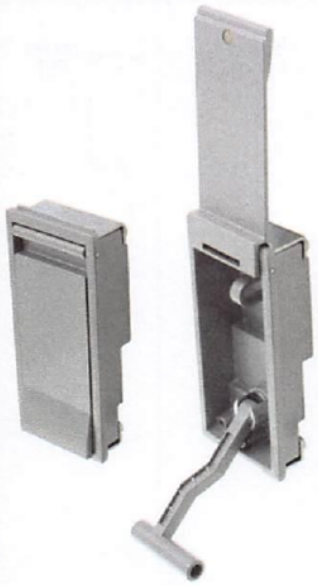
part no. **12C9-01** ●



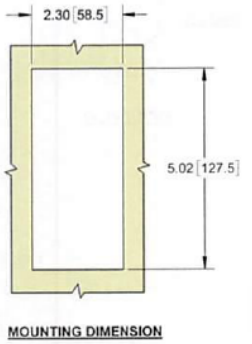
part no. **12C9**

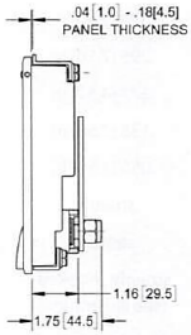


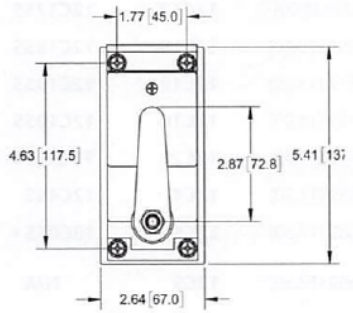
Padlockable Enclosure Latch with Cam



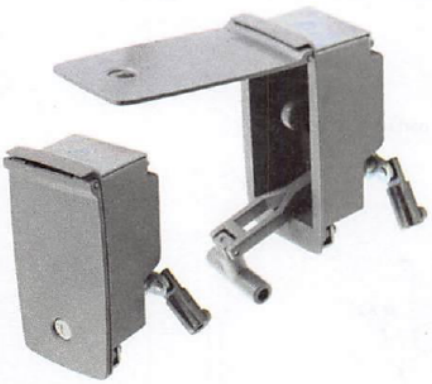
Part Number	Material	Finish
58	die cast zinc	grey





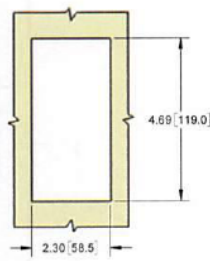


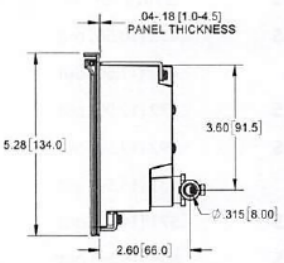
Locking Padlockable Enclosure Latch with Rod Adapters

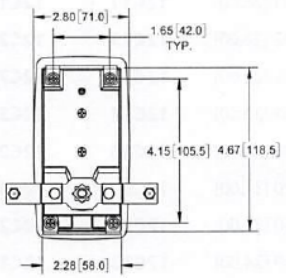


Part Number	Material	Finish
58MLK	die cast zinc	grey

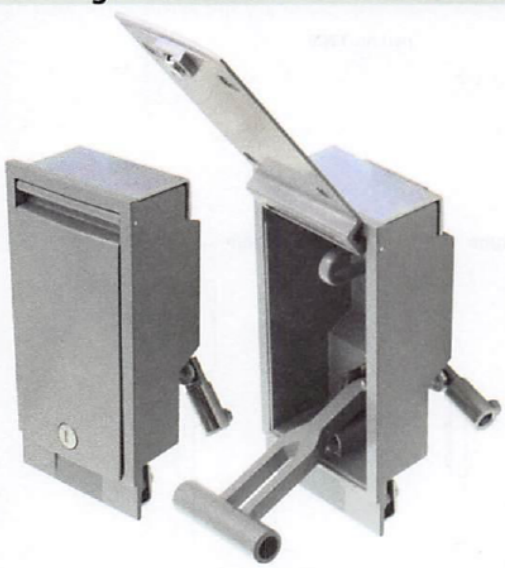
▸ for Ø8mm rods, see pg.109





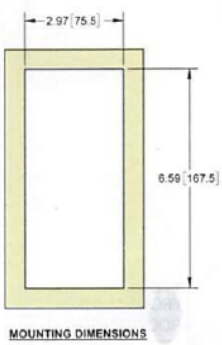


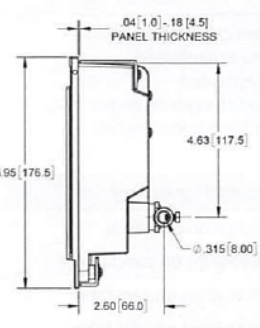
Locking Padlockable Enclosure Latch with Rod Adapters

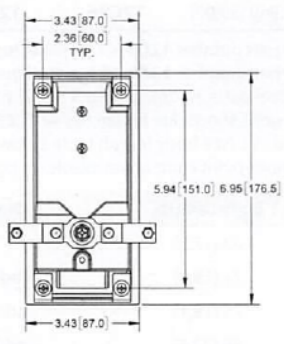


Part Number	Material	Finish
58LLK	die cast zinc	grey

▸ for Ø8mm rods, see pg.109







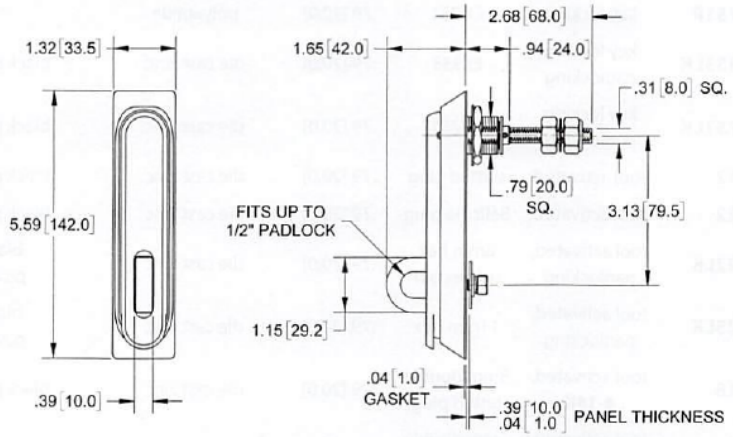
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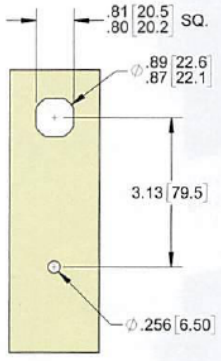
Padlocking Swing Handle

Part Number	Material	Finish
54CH	die cast zinc	polished chrome

- handle rotates clockwise or counterclockwise
- cams sold separately (see pg. 108)
- assembly includes:
  - face gasket & internal O-ring
  - housing ring
  - body nut
  - fasteners and mounting accessories







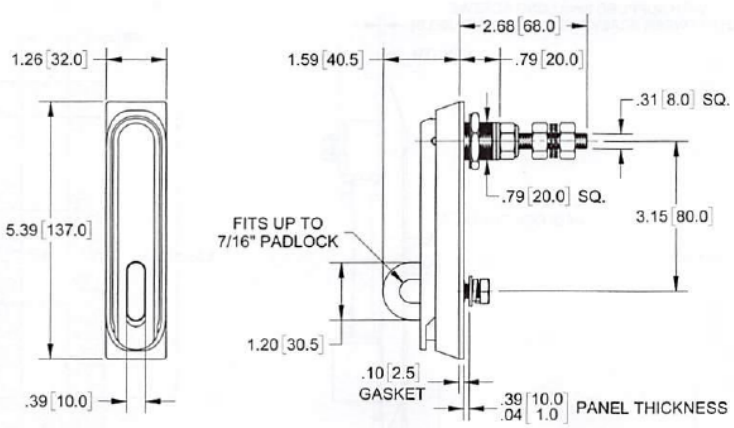
MOUNTING DIMENSIONS

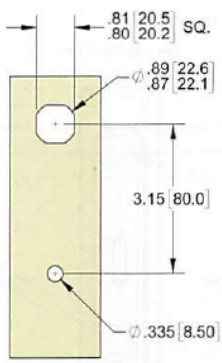
Padlocking Swing Handle

Part Number	Material	Finish
54SS	304SS	brushed

- handle rotates clockwise or counterclockwise
- cams sold separately (see pg. 108)
- assembly includes:
  - face gasket, internal O-ring, & mounting O-ring
  - housing ring
  - body nut
  - fasteners and mounting accessories







MOUNTING DIMENSIONS

Large Swing Handles

IP65 RATED NEMA 12



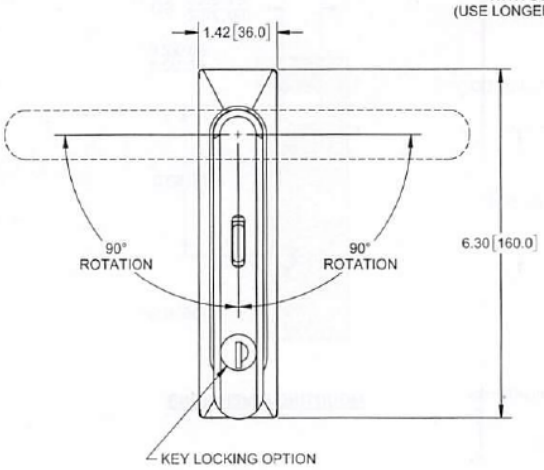
key locking
padlocking

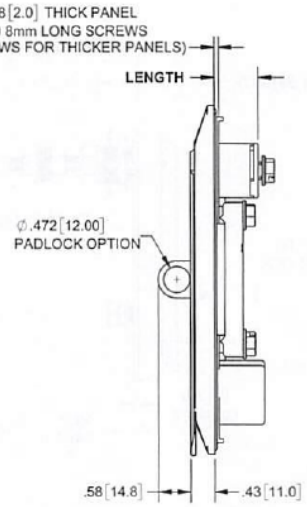


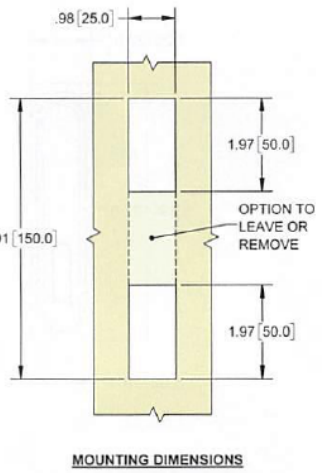
key locking

Part Number	Description	Key Code/ Plug	Length	Material	Finish
50L-333	key locking	EK333	.79 [20.0]	die cast zinc	black powder coated
50L-751	key locking	CH751	.79 [20.0]	die cast zinc	black powder coated
50L-E200	key locking	E200	.79 [20.0]	die cast zinc	black powder coated
50L-333P01	key locking	EK333	.71 [18.0]	polyamide housing, die cast zinc handle	black housing, black powder coated handle
50L-333P02	key locking	EK333	.79 [20.0]	polyamide housing, die cast zinc handle	black housing, black powder coated handle
50L-751P01	key locking	CH751	.71 [18.0]	polyamide housing, die cast zinc handle	black housing, black powder coated handle
50L-333P	key locking	EK333	.79 [20.0]	polyamide	black
50L-751P	key locking	CH751	.79 [20.0]	polyamide	black
50L-333LK	key locking padlocking	EK333	.79 [20.0]	die cast zinc	black powder coated
50L-751LK	key locking padlocking	CH751	.79 [20.0]	die cast zinc	black powder coated
50L-12	tool activated	slotted plug	.79 [20.0]	die cast zinc	black powder coated
50L-22	tool activated	Bellcore plug	.79 [20.0]	die cast zinc	black powder coated
50L-22LK	tool activated, padlocking	8mm hex w/ hex pin	.79 [20.0]	die cast zinc	black textured powder coated
50L-23LK	tool activated, padlocking	11mm hex	.79 [20.0]	die cast zinc	black textured powder coated
50L-18	tool activated, **4-14K**	3mm double bitted plug	.79 [20.0]	die cast zinc	black powder coated
50L-1801	tool activated, **4-14K**	5mm double bitted plug	.79 [20.0]	die cast zinc	black powder coated
50L-30	tool activated,	8mm triangle	.79 [20.0]	die cast zinc	black powder coated
50L	non-locking	none	.79 [20.0]	die cast zinc	black powder coated
50L-LK	non-locking, padlocking	none	.79 [20.0]	die cast zinc	black textured powder coated

- swing handle may rotate clockwise or counterclockwise by adjusting the stop washer
- intended for IP65 enclosure requirements
- cams sold separately (see pg. 108)
- assembly includes:
  - mounting bracket
  - (2) mounting screws
  - stop washer
  - cam mounting screw
  - foam seal
  - internal o-ring
  - (2) ringed keys, except for tool activated keys sold separately







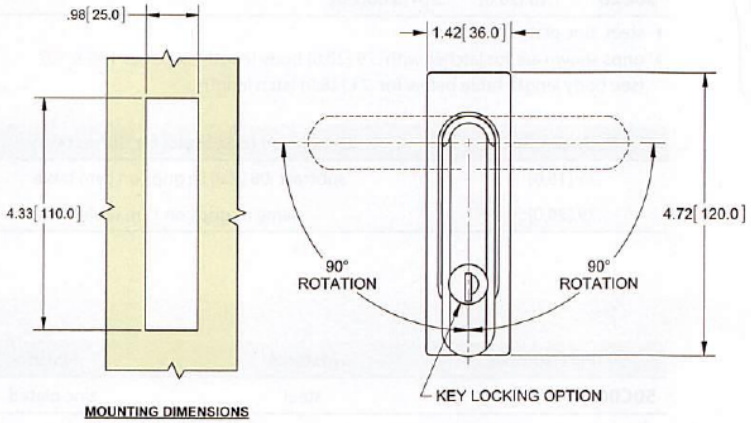
Medium Swing Handles

Part Number	Description	Key Code/ Plug	Length	Material	Finish
50M-333	key locking	EK333	.79 [20.0]	die cast zinc	black powder coated
50M-751	key locking	CH751	.79 [20.0]	die cast zinc	black powder coated
50M-333P01	key locking	EK333	.79 [20.0]	polyamide housing, die cast zinc handle	black housing, black powder coated handle
50M-751P01	key locking	CH751	.79 [20.0]	polyamide housing, die cast zinc handle	black housing, black powder coated handle

- swing handle may rotate clockwise or counterclockwise by adjusting the stop washer
- intended for IP65 enclosure requirements
- cams sold separately (see pg. 108)
- assembly includes:
  - mounting bracket
  - (2) mounting screws
  - stop washer
  - cam mounting screw
  - foam seal
  - internal o-ring
  - (2) ringed keys, except for tool activated keys sold separately



key locking

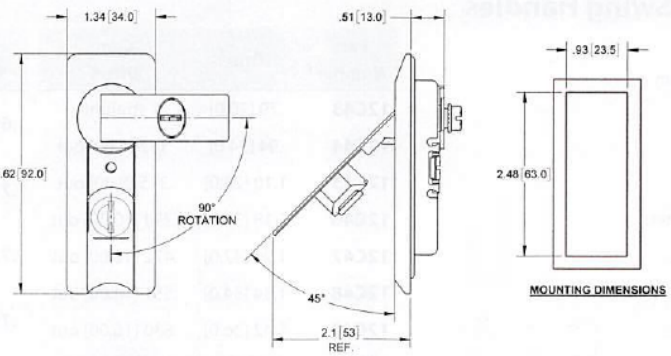


Locking Swing Handle

Part Number	Key Code	Material	Finish
52CH-01	K083	die cast zinc	silver powder coated

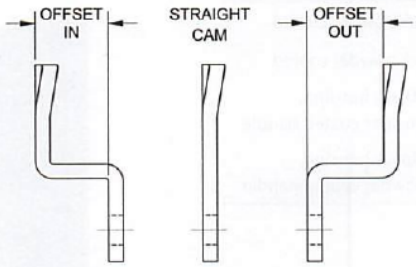
- refer to **50C-series** cams on page 108



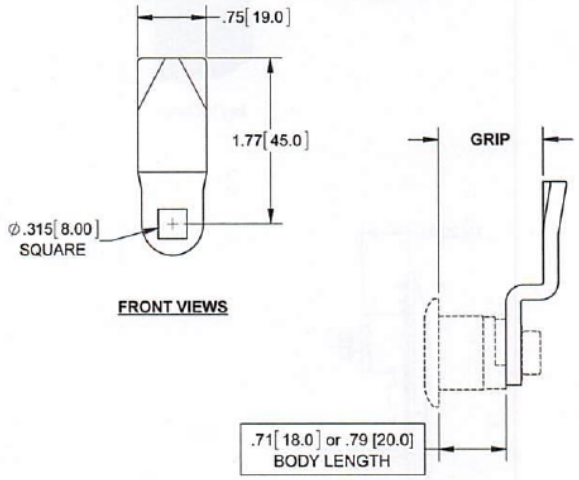


Single Point Cams for Swing Handles





SIDE VIEWS



FRONT VIEWS

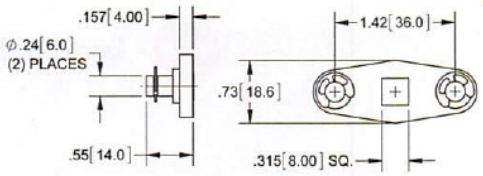
Part Number	Grip	Cam Offset	Part Number	Grip	Cam Offset
50C02	.16 [4.0]	.629 [16.00] in	**50C28**	1.18 [30.0]	.393 [10.00] out
50C04	.24 [6.0]	.551 [14.00] in	**50C30**	1.26 [32.0]	.472 [12.00] out
50C06	.31 [8.0]	.472 [12.00] in	**50C32**	1.34 [34.0]	.551 [14.00] out
50C08	.39 [10.0]	.393 [10.00] in	**50C34**	1.42 [36.0]	.629 [16.00] out
50C10	.47 [12.0]	.314 [8.00] in	**50C35**	1.46 [37.0]	.669 [17.00] out
50C13	.59 [15.0]	.196 [5.00] in	**50C36**	1.50 [38.0]	.708 [18.00] out
50C14	.63 [16.0]	.157 [4.00] in	**50C38**	1.57 [40.0]	.787 [20.00] out
50C16	.71 [18.0]	.078 [2.00] in	**50C40**	1.65 [42.0]	.866 [22.00] out
50C18	.79 [20.0]	straight	**50C42**	1.73 [44.0]	.944 [24.00] out
50C20	.87 [22.0]	.078 [2.00] out	**50C44**	1.81 [46.0]	1.023 [26.00] out
50C22	.94 [24.0]	.157 [4.00] out	**50C45**	1.85 [47.0]	1.062 [27.00] out
50C24	1.02 [26.0]	.236 [6.00] out	**50C47**	1.93 [49.0]	1.141 [29.00] out
50C25	1.06 [27.0]	.275 [7.00] out	**50C50**	2.05 [52.0]	1.259 [32.00] out
50C26	1.10 [28.0]	.314 [8.00] out			

- steel, zinc plated
- grips shown are for latches with .79 [20.0] body length on pages 106 & 107 (see body length table below for .71 [18.0] latch length

Body Length	Dimension to Subtract for Correct Grip
.71 [18.0]	subtract .08 [2.0] to grips on cam table
.79 [20.0]	same as grips on cam table

Two Point Cam for Swing Handles

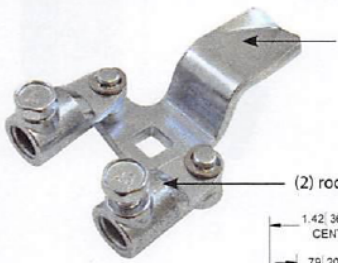


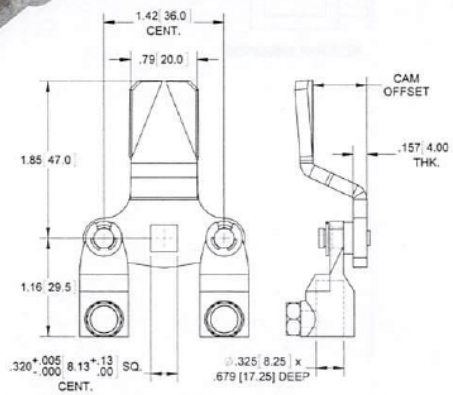


Part Number	Material	Finish
50C00	steel	zinc plated

- c-clips are supplied with cam
- refer to page 109 for rods

Three Point Offset Cams for Swing Handles





Part Number	Grip	Cam Offset
12C43	.79 [20.0]	straight
12C44	.94 [24.0]	.157 [4.00] out
12C45	1.10 [28.0]	.315 [8.00] out
12C46	1.18 [30.0]	.394 [10.00] out
12C47	1.26 [32.0]	.472 [12.00] out
12C48	1.34 [34.0]	.551 [14.00] out
12C40	1.42 [36.0]	.630 [16.00] out
12C41	1.57 [40.0]	.787 [20.00] out
12C42	1.65 [42.0]	.866 [22.00] out

- steel, zinc plated
- die cast zinc rod adapter (may be purchased separately as part no. **C20**)
- c-clips are supplied with cam

Body Length	Dimension to Add for Correct Grip
.69 [17.5]	subtract .10 [2.5] to grips on cam table
.71 [18.0]	subtract .08 [2.0] to grips on cam table
.75 [19.1]	subtract .04 [0.9] to grips on cam table
.79 [20.0]	same as grips on cam table
.88 [22.4]	add .09 [2.4] to grips on cam table

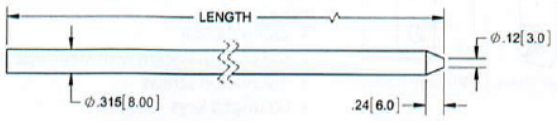
- use this table to achieve the correct grip for each of the different body lengths
- refer to page 109 for rods

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Connecting Rod

Part Number	Length	Material	Finish
747-43.3	43.31 [1100.0]	steel	zinc plated

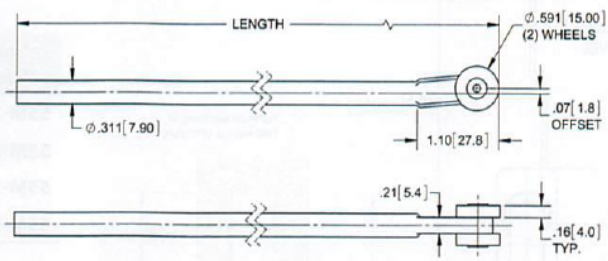
- custom lengths can be made to your specifications
- used with die cast zinc rod adapter (sold separately, part no. **C20**)



Connecting Rods with Plastic Wheels

Part Number	Length	Material	Finish
743-27	27.00 [685.8]	steel	zinc plated
743-43.3	43.30 [1100.0]	steel	zinc plated
743-47.25	47.25 [1200.2]	steel	zinc plated

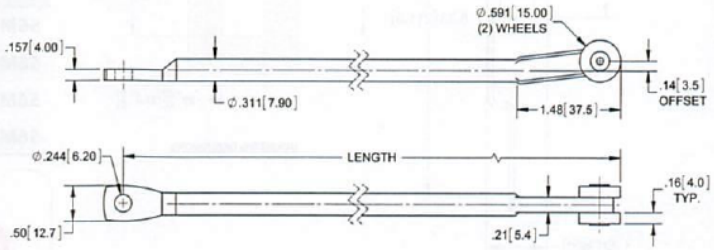
- custom lengths can be made to your specifications
- used with die cast zinc rod adapter (sold separately, part no. **C20**)



Connecting Rods with Plastic Wheels Perpendicular to Flat End

Part Number	Length	Material	Finish
744-15.8	15.75 [400.0]	steel	zinc plated
744-19.7	19.69 [500.0]	steel	zinc plated
744-23.6	23.62 [600.0]	steel	zinc plated
744-27.6	27.56 [700.0]	steel	zinc plated
744-31.5	31.50 [800.0]	steel	zinc plated
744-35.4	35.43 [900.0]	steel	zinc plated
744-39.4	39.37 [1000.0]	steel	zinc plated
744-43.3	43.30 [1100.0]	steel	zinc plated

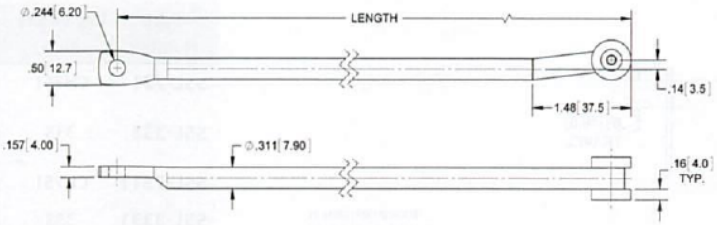
- custom lengths can be made to your specifications



Connecting Rods with Plastic Wheels In-line with Flat End

Part Number	Length	Material	Finish
744A-15.8	15.75 [400.0]	steel	zinc plated
744A-19.7	19.69 [500.0]	steel	zinc plated
744A-23.6	23.62 [600.0]	steel	zinc plated
744A-27.6	27.56 [700.0]	steel	zinc plated
744A-31.5	31.50 [800.0]	steel	zinc plated
744A-35.4	35.43 [900.0]	steel	zinc plated
744A-39.4	39.37 [1000.0]	steel	zinc plated
744A-43.3	43.30 [1100.0]	steel	zinc plated

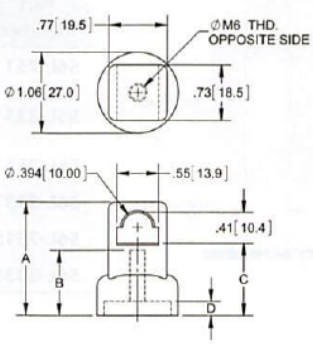
- custom lengths can be made to your specifications



Rod Guides

Part Number	Material	Finish	A	B	C	D
702-05	plastic	black, smooth	1.50 [38.1]	.86 [21.8]	.96 [24.4]	.19 [4.8]
702-06	plastic	black, smooth	1.25 [31.8]	.60 [15.2]	.73 [18.5]	.14 [3.56]

- material: black plastic with steel, zinc plated threaded inserts





Swing Handles with Rod Control System



MEDIUM SWING HANDLE

Features

- Includes:
  - swing handle
  - rod control system with steel, zinc plated rods
  - installation screws
  - (2) ringed keys
  - flat washer
  - split washer
- See pg. 108 for 3-point rod control cams (only straight or offset out **50C** cams may be used)
- swing handles may rotate 90° clockwise or counter-clockwise by flipping the rod control assembly left or right when installing

Medium 2-Point Rod Control System

Part Number	Key Code / Plug	Rod Control Type	Latch Material	Latch Finish
55M-751	CH751	round studs	die cast zinc	black powder coated
55M-333	333	round studs		
55M-7515	CH751	through holes		
55M-3335	333	through holes		

Medium 3-point Rod Control System with Cam Adapters

Part Number	Key Code / Plug	Rod Control Type	Latch Material	Latch Finish
56M-751	CH751	round studs	die cast zinc	black powder coated
56M-333	333	round studs		
56M-7515	CH751	through holes		
56M-3335	333	through holes		

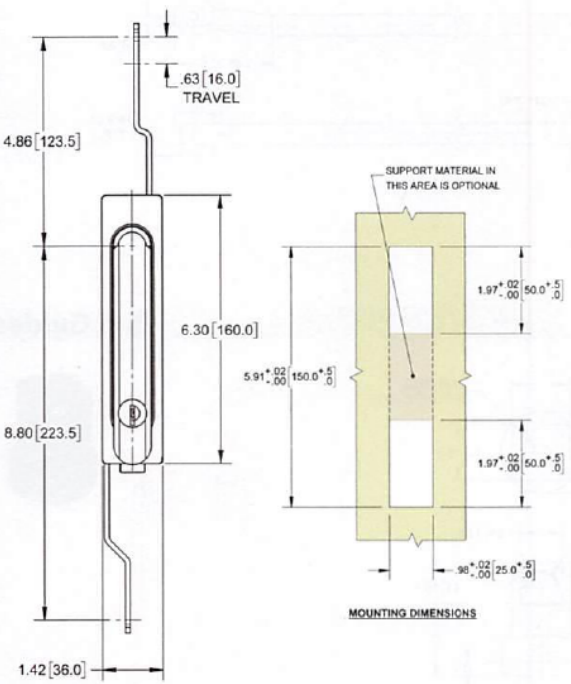
Plastic Keeper Clip for Medium Swing Handles

NEW



Part Number	Material/Finish
55M-CLIP	black plastic

- available separately



LARGE SWING HANDLE

Large 2-point Rod Control System

Part Number	Key Code / Plug	Rod Control Type	Latch Material	Latch Finish
55L-751	CH751	round studs	black polyamide housing die cast zinc handle	black housing black powder coated handle
55L-333	333	round studs		
55L-7511	CH751	square studs		
55L-3331	333	square studs		
55L-7515	CH751	through holes		
55L-3335	333	through holes		

Large 3-point Rod Control System with Cam Adapters

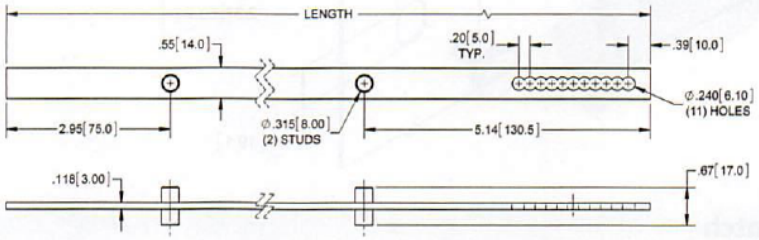
Part Number	Key Code / Plug	Rod Control Type	Latch Material	Latch Finish
56L-751	CH751	round studs	black polyamide housing die cast zinc handle	black housing black powder coated handle
56L-333	333	round studs		
56L-7511	CH751	square studs		
56L-3331	333	square studs		
56L-7515	CH751	through holes		
56L-3335	333	through holes		

Flat Connecting Rods

Part Number	Length	Material	Finish
748-7.8	7.87 [200.0]	steel	zinc plated
748-23.6	23.62 [600.0]	steel	zinc plated
748-31.5	31.50 [800.0]	steel	zinc plated
748-47.2	47.24 [1200.0]	steel	zinc plated

- brass studs
- for use with round or through hole type rod controls

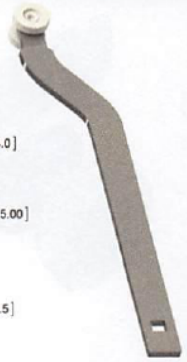


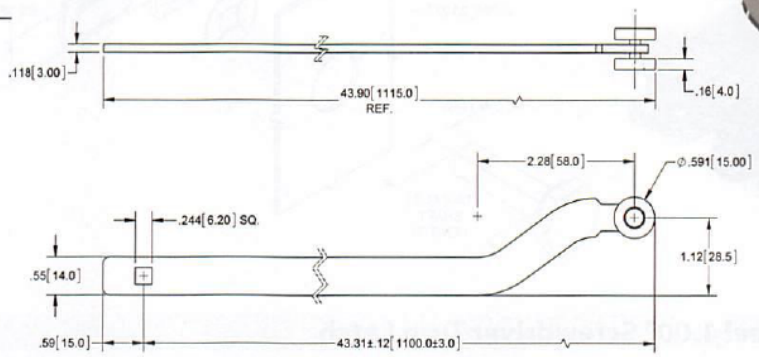


Flat Connecting Rod with Wheels

Part Number	Material	Finish
746-43.3	steel	zinc plated

- custom lengths can be made to your specifications
- for use with square stud rod control





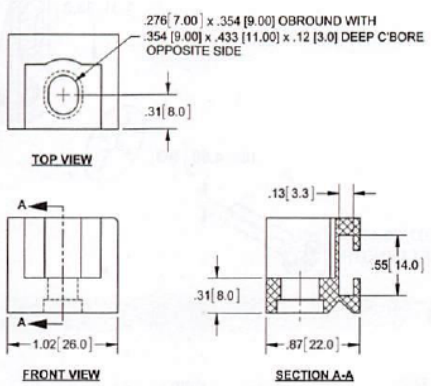
Rod Guide & Rod Keeper

Rod Guide

Part Number	Material	Finish
702-07	plastic	black, smooth

- used on connecting rods on the top of this page



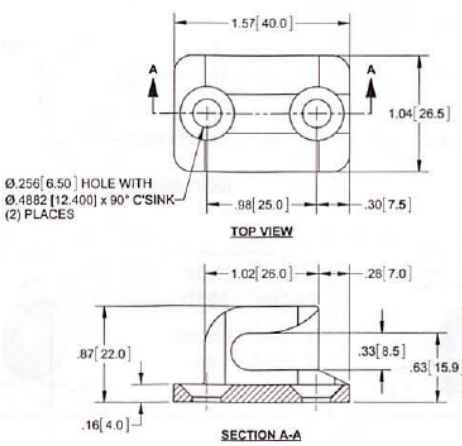


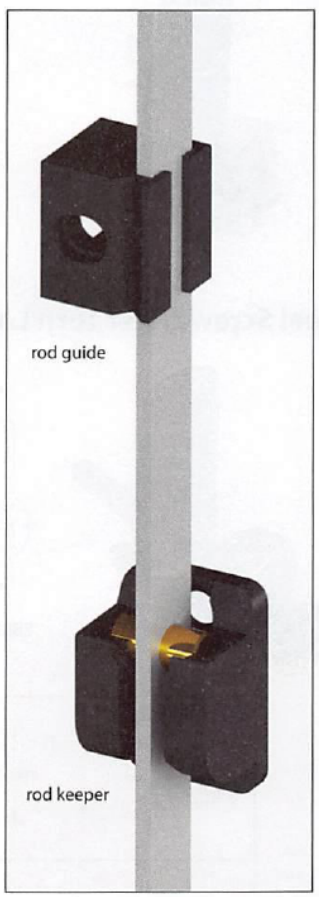
Rod Keeper

Part Number	Material	Finish
702-10	die cast zinc	black powder coated

- used on connecting rods on the top of this page

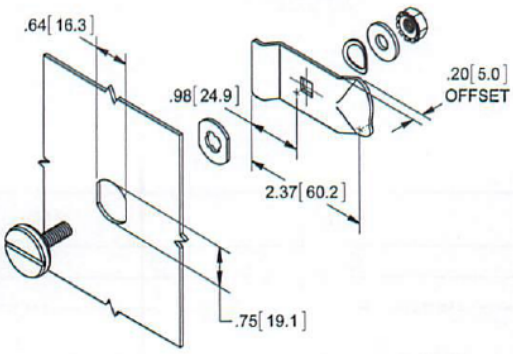






NEMA 1 Enclosure Latch

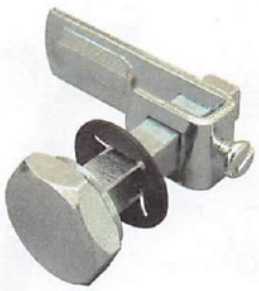


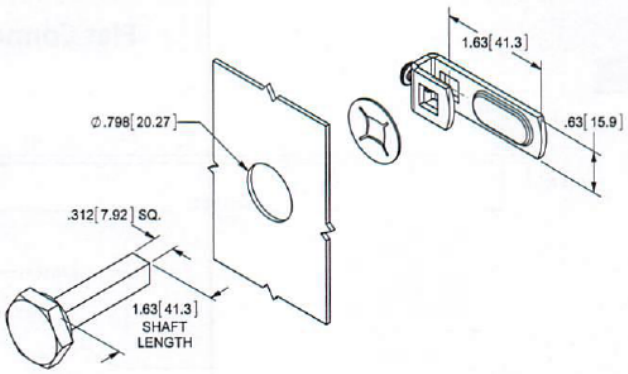


Part Number	Material	Finish
15	steel	yellow zinc plated

- same double D cut-out as most cam locks
- flush or recessed mounting
- spring and flat washer are clear zinc plated
- operated by screwdriver or coin
- shipped assembled

Hex Turn Latch



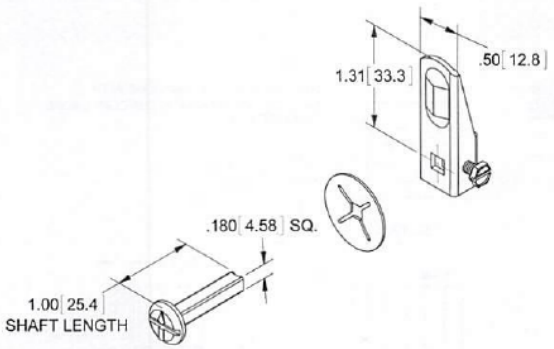


Part Number	Material	Finish
17	steel	zinc plated

- includes:
  - hex bolt latch retainer, zinc plated
  - push-on nut, black oxide
  - reverse style single point cam, zinc plated

Stainless Steel 1.00" Screwdriver Turn Latch

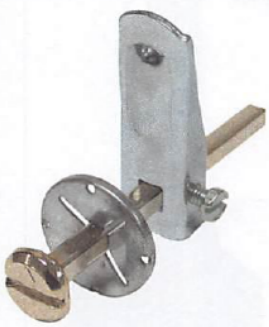


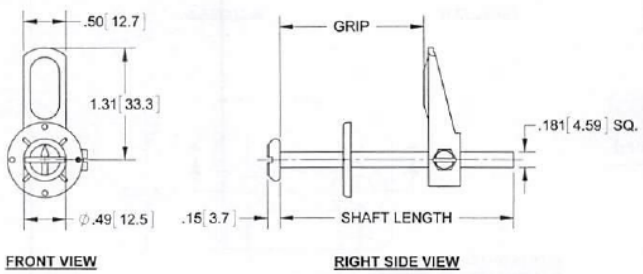


Part Number	Material	Finish
10SS	304SS	tumbled

- includes:
  - slotted 304SS bolt with arrow pointer
  - steel push-on nut, clear zinc plated
  - single point steel cam, zinc plated

Steel Screwdriver Turn Latches





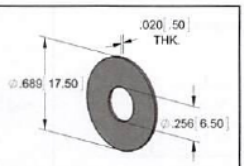
Part Number	Shaft Length	Max. Grip
10ZN	1.00 [25.4]	0.50 [12.7]
10ZN-01	2.75 [69.9]	2.25 [57.2]
10ZN-03	1.25 [31.8]	0.75 [19.1]
10ZN-04	1.50 [38.1]	1.00 [25.4]
10ZN-05	1.75 [44.5]	1.25 [31.8]
10ZN-06	2.00 [50.8]	1.50 [38.1]
10ZN-07	2.25 [57.2]	1.75 [44.5]

- material: steel
- bolt finish: bright nickel plated
- includes:
  - slotted bolt with arrow pointer
  - steel push-on nut, clear zinc plated
  - single point steel cam, zinc plated

Flat Washer

part no. **363**

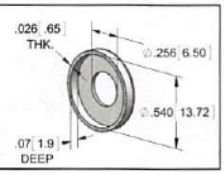
- material: steel
- finish: zinc plated



Cup Washer

part no. **363N**

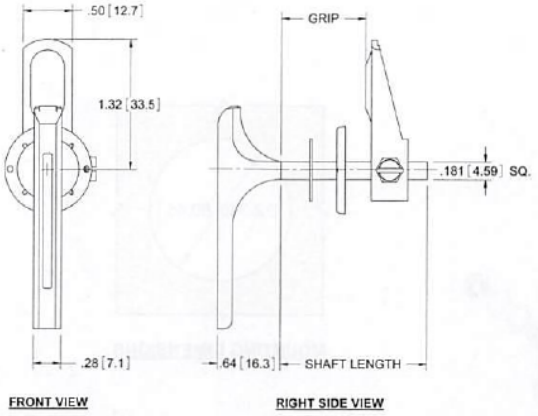
- material: plastic
- finish: white



Steel L-Handle Turn Latches

Part Number	Shaft Length	Max Grip
12ZN	1.50 [38.1]	1.00 [25.40]
12ZN-01	1.75 [44.5]	1.25 [31.8]
12ZN-02	2.25 [57.2]	1.75 [44.5]

- material: steel
- handle finish: bright nickel plated
- includes:
  - handle bolt
  - push-on nut, clear zinc plated
  - single point cam, clear zinc plated
  - trim washer, bright nickel plated

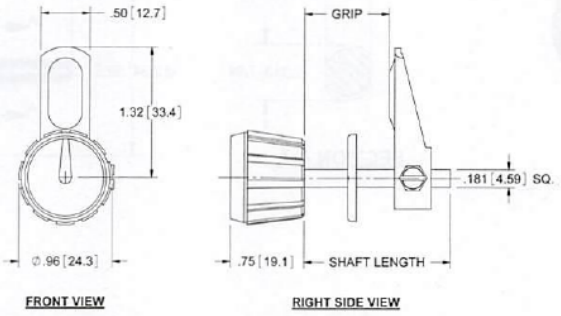




Plastic Knob Handle Turn Latches

Part Number	Shaft Length	Max Grip
13ZN	1.00 [25.4]	0.50 [12.7]
13ZN-01	1.50 [38.1]	1.00 [25.4]
13ZN-02	2.25 [57.2]	1.75 [44.5]

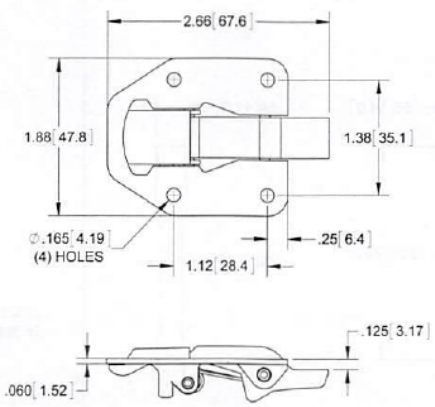
- material: steel with plastic knob
- shaft finish: bright nickel plated
- includes:
  - knob bolt
  - steel push-on nut, clear zinc plated
  - single point cam, clear zinc plated





Flush-mount Spring Loaded Latch for Access Panel

Part Number	Material	Finish
2196	304SS	tumbled




closed position


mid-way position


open position

Flush-Mount Latches UV



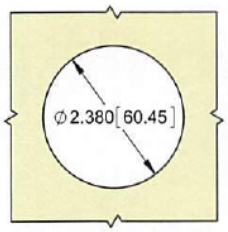
Locking Latch
part no. **1175SS**



Locking Latch
part no. **1175**



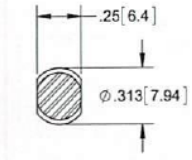
Dummy Latch
part no. **1177**
dummy series has no shaft



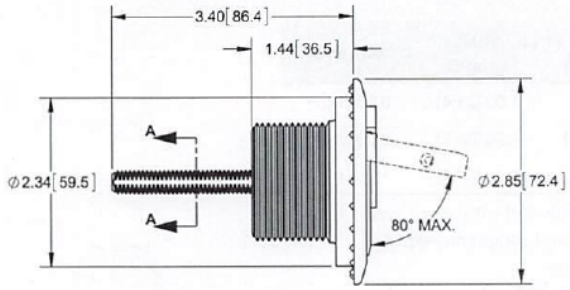
MOUNTING DIMENSIONS

Part Number	Description	Color	Stock
1175	locking latch	black	yes
1175SS	locking latch with 304SS pull	black	yes
1176	non-locking latch	black	yes
1177	dummy latch	black	yes

- latches include:
  - thermoplastic body with UV stabilizers
  - thermoplastic body washer with UV stabilizers
  - thermoplastic body nut with UV stabilizers
  - (2) stainless steel hex nuts
  - (2) stainless steel internal tooth washers
- locking latch features stainless steel lock
- plug with dust shutter and one key per latch
- water resistant
- stainless steel shaft
- cams are sold separately, see below NEW
- gasket available separately as part no. **117G**



SECTION A-A



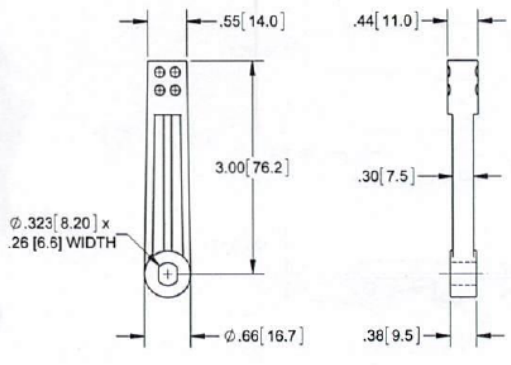
Flush-Mount Latches Cams



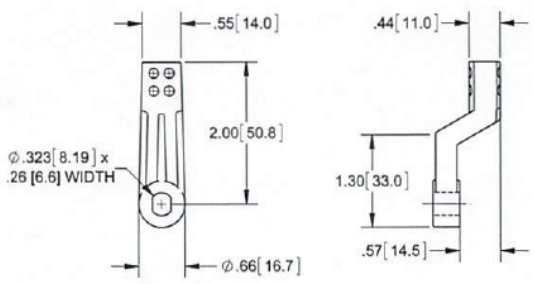
D325 D326

Part Number	Description	Material	Finish
D325	straight	die cast zinc	yellow zinc
D326	offset	die cast zinc	yellow zinc

- used with latches shown above



part number:
D325

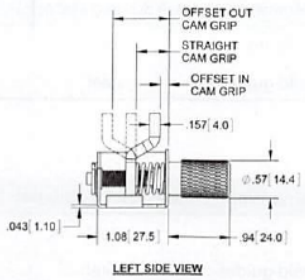


part number:
D326

Medium Panel Latches with Adjustable Grip

Part Number	Description	Grip
32ZN	offset in	.13 [3.3] min. - .38 [9.7] max.
32ZN-01	straight	.38 [9.7] min. - .75 [19.1] max.
32ZN-02	offset out	.75 [19.1] min. - 1.13 [28.7] max.

- material: steel
- finish: zinc plated



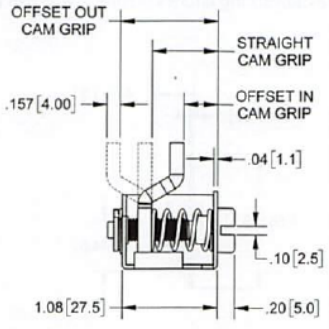


NEW PRODUCT FAMILY

Medium Slotted Head Panel Latches with Adjustable Grip

Part Number	Description	Grip
32ZN-50	offset in	.13 [3.3] min. - .38 [9.7] max.
32ZN-51	straight	.38 [9.7] min. - .75 [19.1] max.
32ZN-52	offset out	.75 [19.1] min. - 1.13 [28.7] max.

- material: steel
- finish: zinc plated

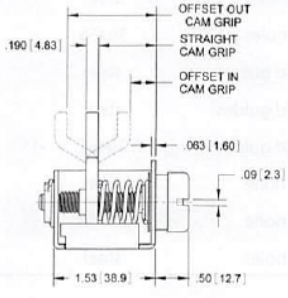




Large Panel Latches with Adjustable Grip

Part Number	Description	Grip
31ZN	offset in	.13 [3.3] min. - .38 [9.7] max.
31ZN-01	straight	.38 [9.7] min. - 1.25 [31.8] max.
31ZN-02	offset out	.88 [22.4] min. - 1.69 [42.9] max.

- material: steel
- finish: zinc plated

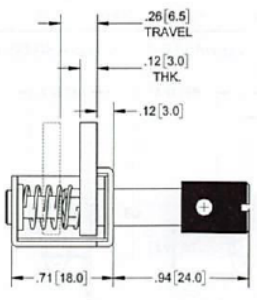




NEW

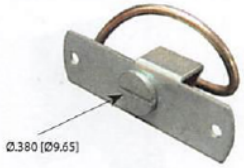
Panel Latch with Adjustable Grip

Part No.	Material	Finish	Description
TL-86A	stainless steel	nickel plated	straight cam

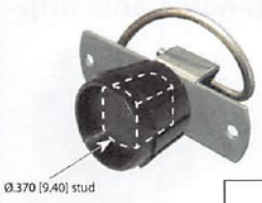




Small Compression Spring Panel Latches







Slotted Head

Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-00ZN	holes	steel	smooth	blue zinc plated	.05 [1.3] min. - .25 [6.4] max.
11-02CO	weld guides	steel	smooth	copper plated	.05 [1.3] min. - .25 [6.4] max.

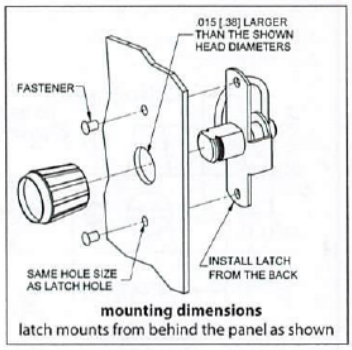
Knurled Head

Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-04ZN	holes	steel	smooth	blue zinc plated	.05 [1.3] min. - .25 [6.4] max.
11-06CO	weld guides	steel	smooth	copper plated	.05 [1.3] min. - .25 [6.4] max.

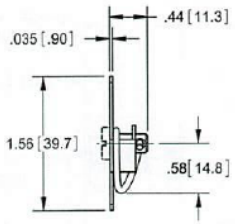
Black Knob Head

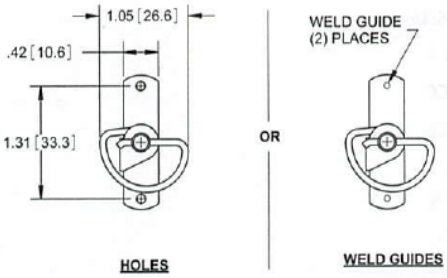
Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-08ZN	holes	steel	smooth	blue zinc plated	.05 [1.3] min. - .25 [6.4] max.
11-09CO	weld guides	steel	smooth	copper plated	.05 [1.3] min. - .25 [6.4] max.

- all small compression spring latches feature 304SS electropolished wire

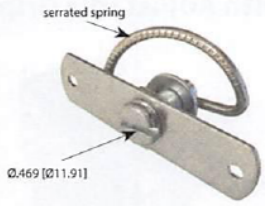


mounting dimensions
latch mounts from behind the panel as shown





Medium Compression Spring Panel Latches



Slotted Head

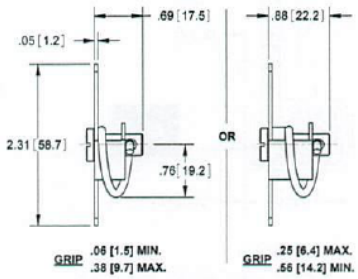
Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-10ZN	holes	steel	smooth	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.
11-10ZN50	holes	steel	serrated	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.
11-10SS	holes	304SS	smooth	electropolished	.06 [1.5] min. - .38 [9.7] max.
11-15CO	weld guides	steel	smooth	copper plated	.06 [1.5] min. - .38 [9.7] max.
11-15CO50	weld guides	steel	serrated	copper plated	.06 [1.5] min. - .38 [9.7] max.
11-15SS	weld guides	304SS	smooth	electropolished	.06 [1.5] min. - .38 [9.7] max.
11-16CO	none	steel	smooth	copper plated	.06 [1.5] min. - .38 [9.7] max.
11-16SS	none	304SS	smooth	electropolished	.06 [1.5] min. - .38 [9.7] max.
11-20ZN	holes	steel	smooth	blue zinc plated	.25 [6.4] min. - .56 [14.2] max.

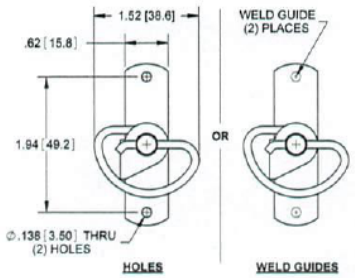


Knurled Head with T-Bar

Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-30ZN	holes	steel	smooth	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.
11-30ZN50	holes	steel	serrated	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.

- all medium compression spring latches feature 304SS electropolished wire





Medium Compression Spring Panel Latches

Knurled Head

Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-40ZN	holes	steel	smooth	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.
11-40ZN50	holes	steel	serrated	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.
11-40SS	holes	304SS	smooth	electropolished	.06 [1.5] min. - .38 [9.7] max.
11-45CO	weld guides	steel	smooth	copper plated	.06 [1.5] min. - .38 [9.7] max.
11-45CO50	weld guides	steel	serrated	copper plated	.06 [1.5] min. - .38 [9.7] max.
11-45SS	weld guides	304SS	smooth	electropolished	.06 [1.5] min. - .38 [9.7] max.
11-23ZN	holes	steel	smooth	blue zinc plated	.25 [6.4] min. - .56 [14.2] max.

▸ see previous page for mounting dims



7/16" Hex Bolt Head

Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-70SS	holes	304SS*	smooth	electropolished	.06 [1.5] min. - .38 [9.7] max.

▸ see previous page for mounting dims

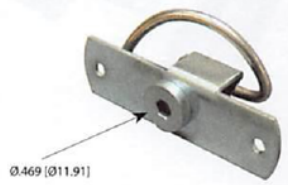
▸ **NOTE:** *body is made of steel material



4mm Recessed Hex Socket Head

Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-90ZN	holes	steel	smooth	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.
11-90ZN50	holes	steel	serrated	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.
11-90SS	holes	304SS	smooth	electropolished	.06 [1.5] min. - .38 [9.7] max.
11-95CO	weld guides	steel	smooth	copper plated	.06 [1.5] min. - .38 [9.7] max.
11-95CO50	weld guides	steel	serrated	copper plated	.06 [1.5] min. - .38 [9.7] max.

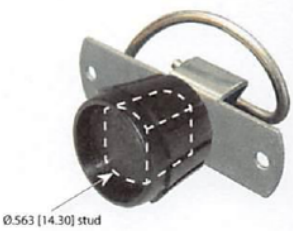
▸ see previous page for mounting dims



Black Knob Head

Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-55ZN	holes	steel	smooth	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.
11-55ZN50	holes	steel	serrated	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.
11-50CO	weld guides	steel	smooth	copper plated	.06 [1.5] min. - .38 [9.7] max.
11-50CO50	weld guides	steel	serrated	copper plated	.06 [1.5] min. - .38 [9.7] max.
11-25ZN	holes	steel	smooth	blue zinc plated	.25 [6.4] min. - .56 [14.2] max.

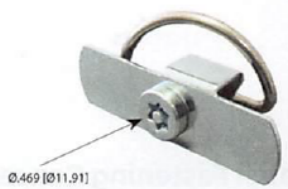
▸ see previous page for mounting dims



T-40 Recessed Torx Socket Head

Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-97ZN	none	steel	smooth	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.

▸ see previous page for mounting dims



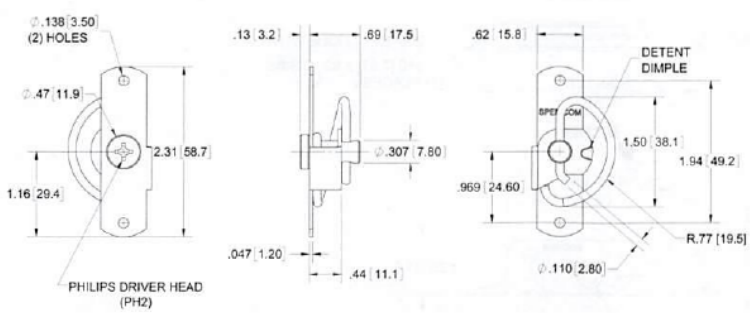
NEW

Medium Compression Spring Panel Latch

Phillips Driver Head

Part Number	Mounting	Base & Head Material	Spring	Finish	Grip
11-60ZN	holes	steel	smooth	blue zinc plated	.06 [1.5] min. - .38 [9.7] max.



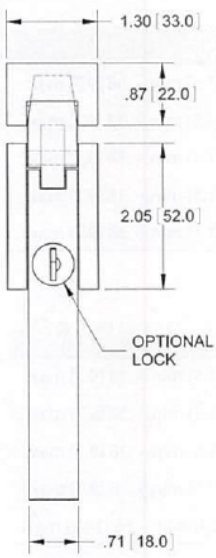


Compression Over-Center Lever Latches 316SS

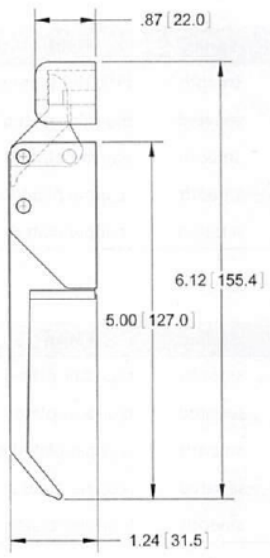


Part Number	Material	Finish	Key Code
173	die cast zinc	black powder coated	non-locking
173LK	die cast zinc	black powder coated	K03
173LK-751	die cast zinc	black powder coated	CH751
173CH	die cast zinc	chrome plated	non-locking
173CH-LK	die cast zinc	chrome plated	CH751
173SST	316SS	brushed	non-locking
173SST-CH751	316SS	brushed	CH751

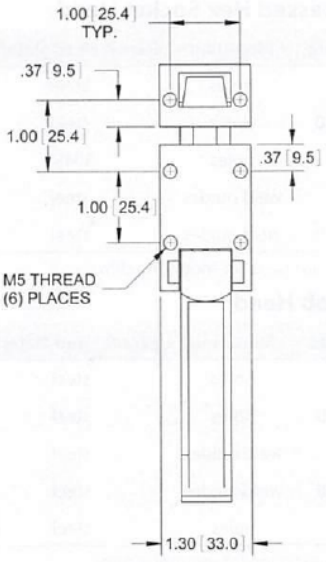
- includes keeper and keys (for locking versions)
- .38 [9.7] stable compression for sealed door latching
- .31 [7.9] unlatching feature for opening jammed sealed doors



FRONT VIEW

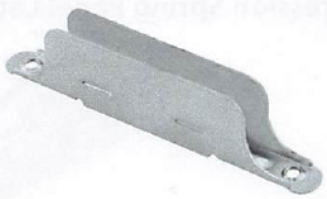


RIGHT SIDE VIEW



REAR VIEW

Panel Fastening Concealed Draw Latches



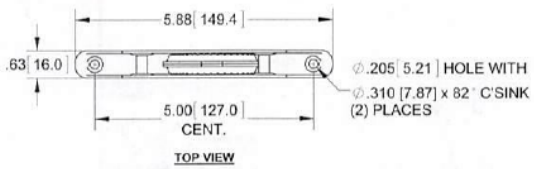
1130-S



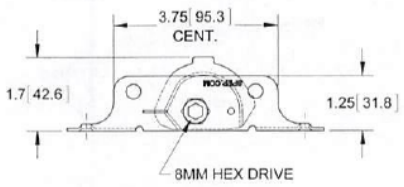
1130-L

Part Number	Description	Material	Finish
1130-L	latch	steel	zinc plated
1130-S	keeper	steel	zinc plated

- for drawing panels together
- provides good gasket compression
- strong closing pressure with minimal operating force

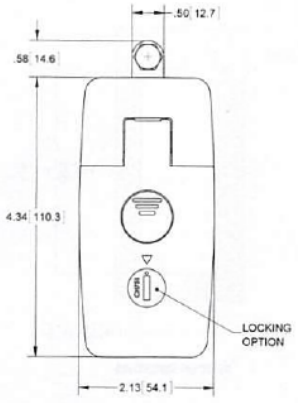


TOP VIEW

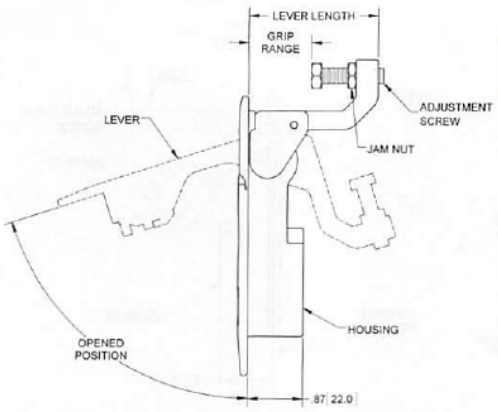


FRONT VIEW

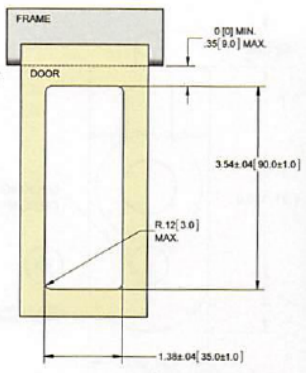
Large Sealed Compression Lever Latches



FRONT VIEW



RIGHT SIDE VIEW



MOUNTING DIMENSIONS


patented

Features

- die cast zinc
- low profile
- dust shutter
- spring loaded lever
- includes:
  - (2) ringed keys
  - (1) mounting bracket with mounting screws
  - (2) or (3) screws are supplied per latch to accommodate the different door thicknesses (see table below and bracket information next to it)
- achieve NEMA 4/IP65 when installed with optional gasket and supplied mounting screw
- optional gasket part no. **9-1G**
- jam nut can be positioned on opposite side of lever in order to achieve max. grip range

Latch Mounting Brackets

(one set per latch, see table for door thickness)

for .04" - .43" door thickness



for .43" - .83" door thickness



for .83" - 1.61" door thickness

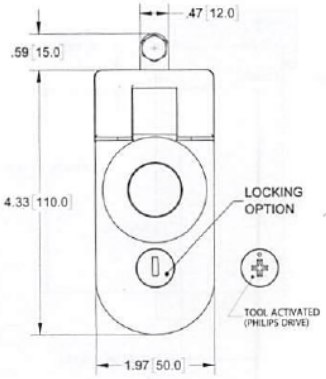


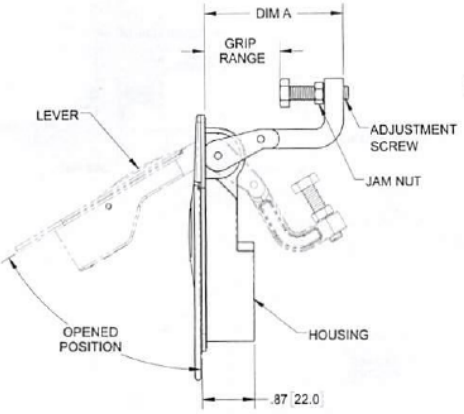
Grip Range	Door Thickness	Part No.	Lock Key Code
.04 [1.0] to .55 [14.0] (1.14 [28.9] Lever Length)	.04 [1.0] to .43 [10.9]	**9-10BK01**	non-locking
		9-12BK01	CH751
	.43 [10.9] to .83 [21.1]	**9-10BK02**	non-locking
		9-12BK02	CH751
	.83 [21.1] to 1.61 [40.9]	**9-10BK03**	non-locking
		9-12BK03	CH751
.55 [14.0] to 1.14 [29.0] (1.73 [44.0] Lever Length)	.04 [1.0] to .43 [10.9]	**9-10BK04**	non-locking
		9-12BK04	CH751
	.43 [10.9] to .83 [21.1]	**9-10BK05**	non-locking
		9-12BK05	CH751
	.83 [21.1] to 1.61 [40.9]	**9-10BK06**	non-locking
		9-12BK06	CH751
1.14 [29.0] to 1.77 [45.0] (2.36 [60.0] Lever Length)	.04 [1.0] to .43 [10.9]	**9-10BK07**	non-locking
		9-12BK07	CH751
	.43 [10.9] to .83 [21.1]	**9-10BK08**	non-locking
		9-12BK08	CH751
	.83 [21.1] to 1.61 [40.9]	**9-10BK09**	non-locking
		9-12BK09	CH751
1.77 [45.0] to 2.24 [57.0] (2.80 [72.0] Lever Length)	.04 [1.0] to .43 [10.9]	**9-10BK10**	non-locking
		9-12BK10	CH751
	.43 [10.9] to .83 [21.1]	**9-10BK11**	non-locking
		9-12BK11	CH751
	.83 [21.1] to 1.61 [40.9]	**9-10BK12**	non-locking
		9-12BK12	CH751

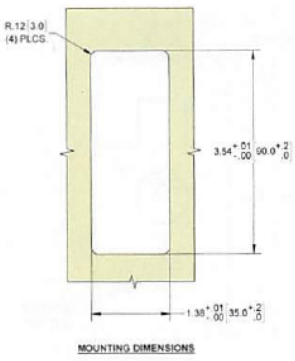
Large Sealed Compression Lever Latches

NEMA 4 IP66





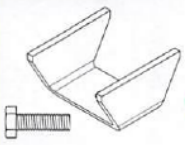




Features

- die cast zinc
- low profile
- dust shutter
- spring loaded lever
- includes:
  - (2) ringed keys
  - (1) mounting bracket with screw
  - gasket
- bracket and screw are supplied to accommodate the different door thicknesses (see table and bracket information next to it)
- jam nut can be positioned on opposite side of lever in order to achieve max. grip range

Mounting Bracket A



with 20MM long screw

Mounting Bracket B



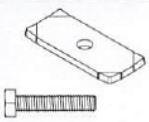
with 20MM long screw

Mounting Bracket C



with 20MM long screw

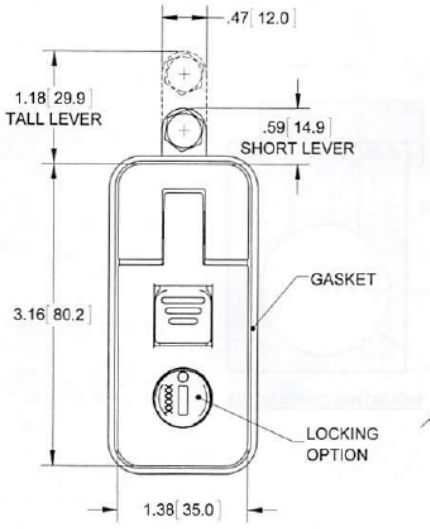
Mounting Bracket D



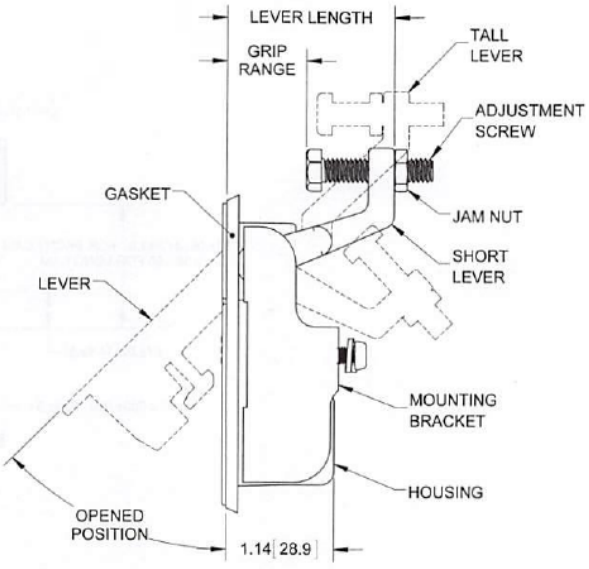
with 30MM long screw

Part Number (NEW PRODUCT FAMILY)		Lock/Key Code	Mounting Bracket	Panel Thickness	Grip Range	Dim A	Mounting Screw Length
Black Finish	Chrome Plated						
9-20BK01	9-20CH01	non-locking					
9-22BK01	9-22CH01	CH751 with dust shutter	A	.04 [1.0] - .43 [11.0]	.04 [1.0] - .55 [14.0]	1.14 [29.0]	.78 [20.0]
NEW 9-24BK01 ‡	9-24CH01	tool activated phillips plug					
9-20BK02	9-20CH02	non-locking					
9-22BK02	9-22CH02	CH751 with dust shutter	B	.43 [11.0] - .83 [21.0]	.04 [1.0] - .55 [14.0]	1.14 [29.0]	.78 [20.0]
NEW 9-24BK02 ‡	9-24CH02	tool activated phillips plug					
9-20BK04	9-20CH04	non-locking					
9-22BK04	9-22CH04	CH751 with dust shutter	A	.04 [1.0] - .43 [11.0]	.55 [14.0] -1.14 [29.0]	1.73 [44.0]	.78 [20.0]
NEW 9-24BK04 ‡	9-24CH04	tool activated phillips plug					
9-20BK05	9-20CH05	non-locking					
9-22BK05	9-22CH05	CH751 with dust shutter	B	.43 [11.0] - .83 [21.0]	.55 [14.0] -1.14 [29.0]	1.73 [44.0]	.78 [20.0]
NEW 9-24BK05 ‡	9-24CH05	tool activated phillips plug					
9-20BK06	9-20CH06	non-locking					
9-22BK06	9-22CH06	CH751 with dust shutter	C	.83 [21.0] - 1.22 [31.0]	.55 [14.0] -1.14 [29.0]	1.73 [44.0]	.78 [20.0]
NEW 9-24BK06 ‡	9-24CH06	tool activated phillips plug					
9-20BK07	9-20CH07	non-locking					
9-22BK07	9-22CH07	CH751 with dust shutter	A	.04 [1.0] - .43 [11.0]	1.14 [29.0] - 1.77 [45.0]	2.36 [60.0]	.78 [20.0]
NEW 9-24BK07	9-24CH07	tool activated phillips plug					
9-20BK08	9-20CH08	non-locking					
9-22BK08	9-22CH08	CH751 with dust shutter	B	.43 [11.0] - .83 [21.0]	1.14 [29.0] - 1.77 [45.0]	2.36 [60.0]	.78 [20.0]
NEW 9-24BK08 ‡	9-24CH08	tool activated phillips plug					
9-20BK09	9-20CH09	non-locking					
9-22BK09	9-22CH09	CH751 with dust shutter	C	.83 [21.0] - 1.22 [31.0]	1.14 [29.0] - 1.77 [45.0]	2.36 [60.0]	.78 [20.0]
NEW 9-24BK09 ‡	9-24CH09	tool activated phillips plug					
9-20BK09A	9-20CH09A	non-locking					
9-22BK09A	9-22CH09A	CH751 with dust shutter	D	1.22 [31.0] - 1.61 [41.0]	1.14 [29.0] - 1.77 [45.0]	2.36 [60.0]	1.18 [30.0]
NEW 9-24BK09A ‡	9-24CH09A	tool activated phillips plug					
9-20BK10	9-20CH10	non-locking					
9-22BK10	9-22CH10	CH751 with dust shutter	A	.04 [1.0] - .43 [11.0]	1.77 [45.0] - 2.24 [57.0]	2.83 [72.0]	.78 [20.0]
NEW 9-24BK10	9-24CH10	tool activated phillips plug					
9-20BK11	9-20CH11	non-locking					
9-22BK11	9-22CH11	CH751 with dust shutter	B	.43 [11.0] - .83 [21.0]	1.77 [45.0] - 2.24 [57.0]	2.83 [72.0]	.78 [20.0]
NEW 9-24BK11 ‡	9-24CH11	tool activated phillips plug					
9-20BK12	9-20CH12	non-locking					
9-22BK12	9-22CH12	CH751 with dust shutter	C	.83 [21.0] - 1.22 [31.0]	1.77 [45.0] - 2.24 [57.0]	2.83 [72.0]	.78 [20.0]
NEW 9-24BK12 ‡	9-24CH12	tool activated phillips plug					
9-20BK12A	9-20CH12A	non-locking					
9-22BK12A	9-22CH12A	CH751 with dust shutter	D	1.22 [31.0] - 1.61 [41.0]	1.77 [45.0] - 2.24 [57.0]	2.83 [72.0]	1.18 [30.0]
NEW 9-24BK12A ‡	9-24CH12A	tool activated phillips plug					

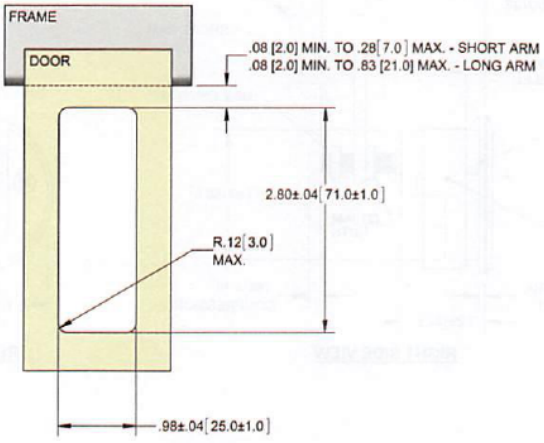
Small Sealed Compression Lever Latches



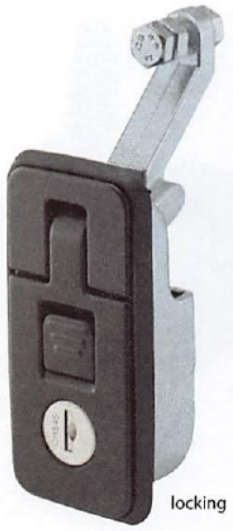
FRONT VIEW



RIGHT SIDE VIEW



MOUNTING DIMENSIONS



locking

patented



non-locking

Features

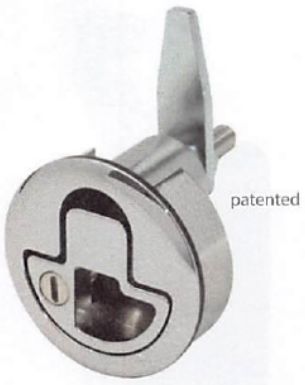
- includes:
  - gasket
  - dust shutter
  - (2) ringed keys
- die cast zinc
- spring loaded lever
- low profile
- achieve NEMA 4/ IP65 when installed with optional gasket and supplied mounting screw
- for a door thickness of .24 [6.0] to .43 [11.0] use spare mounting screw available as part no. **XF154** NEW

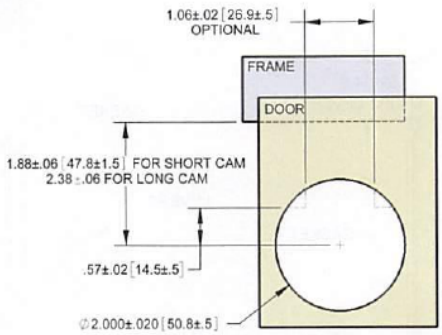
Small Sealed Compression Lever Latches

Matte Black	Lock Key Code	Grip Range	Door Thickness
9-15BK01	non-locking	.47 [12.0] to 1.08 [27.0] (1.70 [43.0] Lever Length)	.04 [1.0] to .24 [6.0]
9-16BK01	CH751		
9-16BK11	CH545		
9-15BK02	non-locking	.59 [15.0] to 1.25 [31.0] (1.85 [47.0] Lever Length)	.04 [1.0] to .24 [6.0]
9-16BK02	CH751		
9-16BK12	CH545		
NEW **9-15BK03**	non-locking	0.0 [0.0] to 1.08 [27.0] (1.70 [43.0] Lever Length)	.04 [1.0] to .24 [6.0]
NEW **9-16BK03**	CH751		
NEW **9-16BK13**	CH545		

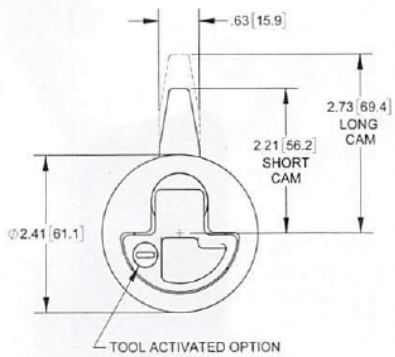
Flush-Mount Sealed Compression Latches

NEMA 4 IP66 PAT.

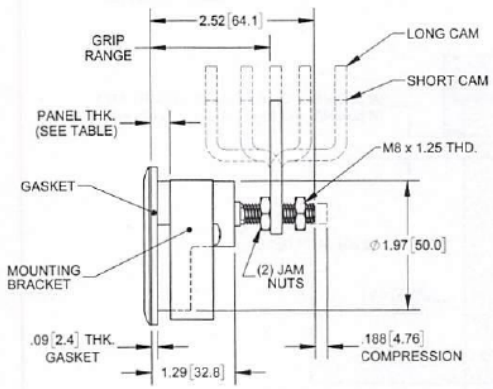




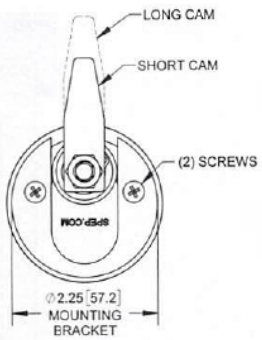
MOUNTING DIMENSIONS



FRONT VIEW



RIGHT SIDE VIEW



REAR VIEW

Features

- die cast zinc
- polished chrome finish
- water sealing
- tool operated lock can be turned with a standard screwdriver
- passes 500 hour salt spray test per ASTM B117

Flush-Mount Round Compression Latches

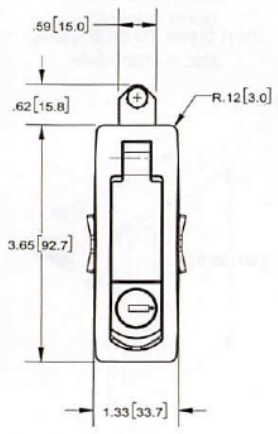
Part Number				Panel Thickness	Grip Range			
Short Cams		Long Cams			Cam Offset In		Cam Offset Out	
Non-Locking	Tool Activated	Non-Locking	Tool Activated		Min.	Max.	Min.	Max.
7-CH-12	7-02CH-12	7-10CH-12	7-12CH-12	.075 [1.91] to .475 [12.07]	-----	1.10 [27.9]	2.48 [63.0]	3.00 [76.2]
7-CH-8	7-02CH-8	7-10CH-8	7-12CH-8		1.06 [26.9]	1.57 [39.9]	2.01 [51.1]	2.52 [64.0]
7-CH-4	7-02CH-4	7-10CH-4	7-12CH-4		1.53 [38.9]	2.04 [51.8]	-----	-----
7-50CH-12	7-52CH-12	7-60CH-12	7-62CH-12	.475 [12.07] to .885 [22.48]	-----	1.10 [27.9]	2.48 [63.0]	3.00 [76.2]
7-50CH-8	7-52CH-8	7-60CH-8	7-62CH-8		1.06 [26.9]	1.57 [39.9]	2.01 [51.1]	2.52 [64.0]
7-50CH-4	7-52CH-4	7-60CH-4	7-62CH-4		1.53 [38.9]	2.04 [51.8]	-----	-----

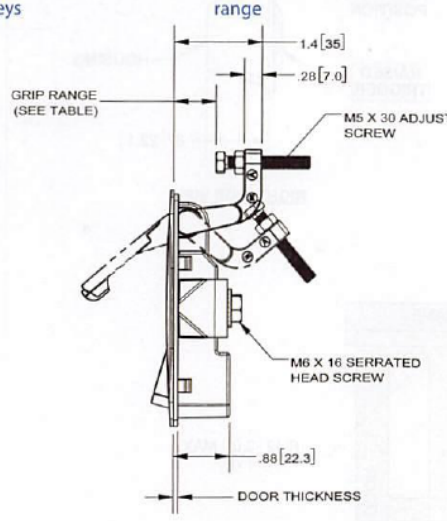
Sealed Raised Trigger Compression Latches

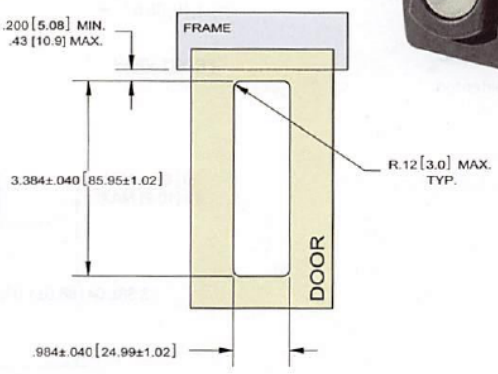
Grip Range	Door Thickness	Part Number		Lock Key Code
		Black Powder Coated	Polished Chrome	
.04"-.95" [1.0-24.0] (1.4" [35] Lever Length)	.04-.20 [1.0-5.0]	**446BK**	**446CH**	non-locking
		446BK-751	**446CH-751**	CH751
.91"-1.81" [23.1-46.0] (2.2" [57] Lever Length)	.04-.20 [1.0-5.0]	**446BK01**	**446CH01**	non-locking
		446BK01-751	**446CH01-751**	CH751

- includes:
  - rubber gasket
  - rubber o-rings
- material: die cast zinc
- lever finish: black powder coated
- spring loaded lever
- (2) ringed keys
- jam nut can be positioned on opposite side of lever in order to achieve maximum grip range









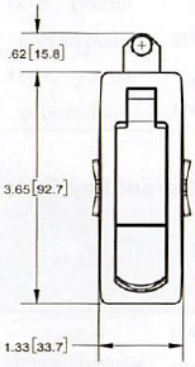
MOUNTING DIMENSIONS

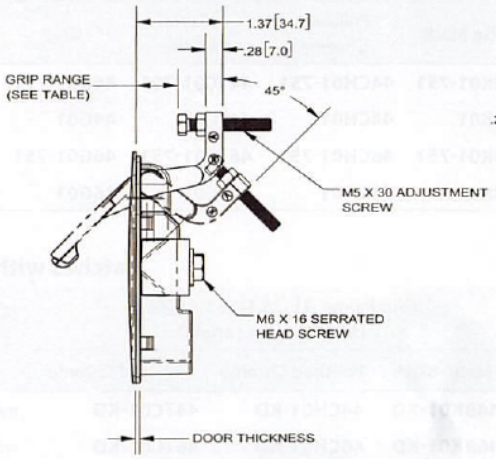
Sealed Flush Trigger Compression Latches, Non-Locking

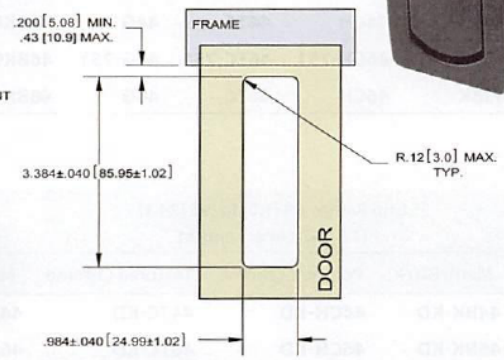
Grip Range	Door Thickness	Part Number	
		Black Powder Coated	Polished Chrome
.04"-.95" [1.0-24.0] (1.4" [35] Lever Length)	.04-.20 [1.0-5.0]	**448BK**	**448CH**
.91"-1.81" [23.1-46.0] (2.2" [57] Lever Length)	.04-.20 [1.0-5.0]	**448BK01**	**448CH01**

- includes:
  - rubber gasket
  - rubber o-rings
- material: die cast zinc
- spring loaded lever
- jam nut can be positioned on opposite side of lever in order to achieve maximum grip range







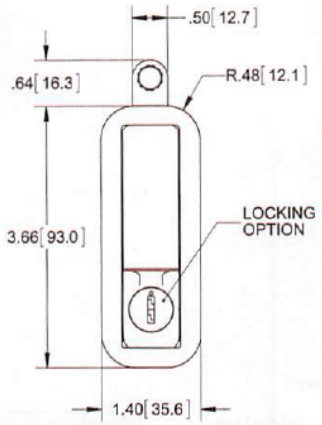


MOUNTING DIMENSIONS

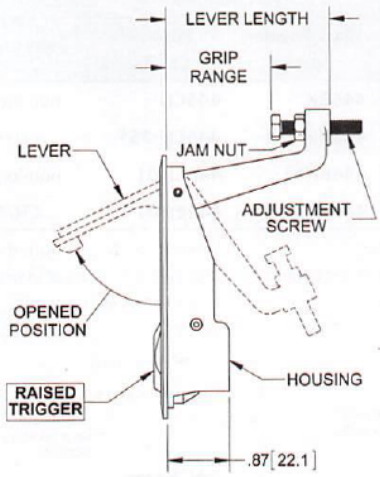
Raised Trigger Compression Latches PAT.



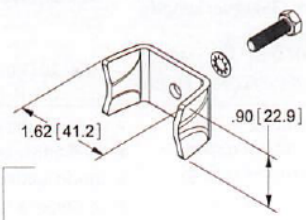
patented



FRONT VIEW



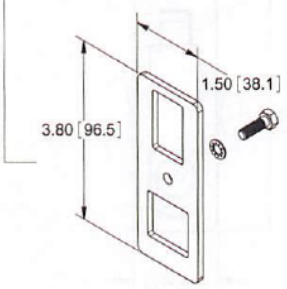
RIGHT SIDE VIEW



METAL FRAME MOUNTING BRACKET

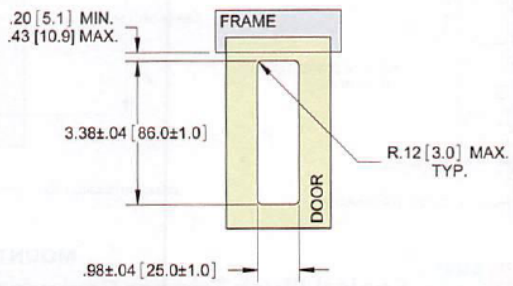
DOOR THICKNESS
.04 [1.0] MIN. TO .20 [5.1] MAX.
ZINC PLATED FINISH

OR



WOOD FRAME MOUNTING BRACKET

DOOR THICKNESS
.66 [16.8] MIN. TO .75 [19.0] MAX.
ZINC PLATED FINISH



MOUNTING DIMENSIONS

Features
▸ die cast zinc ▸ low profile ▸ spring loaded lever ▸ mounting bracket per table ▸ (2) ringed keys included ▸ jam nut can be positioned on opposite side of lever in order to achieve maximum grip range ▸ also available with a thicker gauge metal frame mounting bracket for heavier duty applications (part no. **X44-MK01**) ▸ optional adjustment screw with plastic head (part no. **371**) is available separately, see page 125

Single Key Code Latches and Non-locking Latches

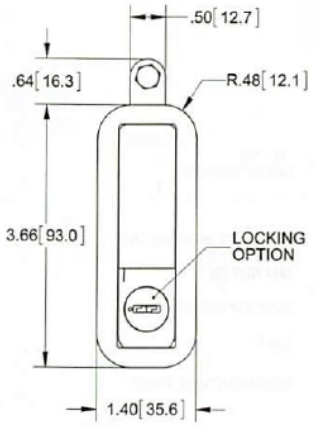
Grip Range .04 [1.0] to .95 [24.1] (1.4 [36] Lever Length)				Grip Range .91 [23.1] to 1.81 [46.0] (2.3 [58] Lever Length)				Mounting	Style
Matte Black	Polished Chrome	Textured Chrome	Gray	Matte Black	Polished Chrome	Textured Chrome	Gray		
44BK-751	**44CH-751**	**44TC-751**	**44G-751**	**44BK01-751**	**44CH01-751**	**44TC01-751**	**44G01-751**	metal mounting	locking- CH751
44BK	**44CH**	**44TC**	**44G**	**44BK01**	**44CH01**	**44TC01**	**44G01**		non-locking
46BK-751	**46CH-751**	**46TC-751**	**46G-751**	**46BK01-751**	**46CH01-751**	**46TC01-751**	**46G01-751**	wood mounting	locking- CH751
46BK	**46CH**	**46TC**	**46G**	**46BK01**	**46CH01**	**46TC01**	**46G01**		non-locking

Latches with (10) Different Key Codes

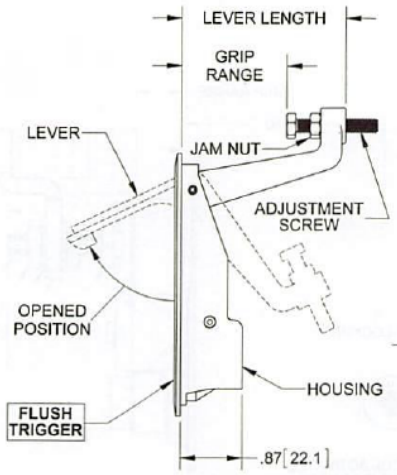
Grip Range .04 [1.0] to .95 [24.1] (1.4 [36] Lever Length)			Grip Range .91 [23.1] to 1.81 [46.0] (2.3 [58] Lever Length)			Mounting	Style
Matte Black	Polished Chrome	Textured Chrome	Matte Black	Polished Chrome	Textured Chrome		
44BK-KD	**44CH-KD**	**44TC-KD**	**44BK01-KD**	**44CH01-KD**	**44TC01-KD**	metal mounting	locking, keyed differently
46BK-KD	**46CH-KD**	**46TC-KD**	**46BK01-KD**	**46CH01-KD**	**46TC01-KD**	wood mounting	

▸ key codes: 01-10, stamped on lock cylinder's face

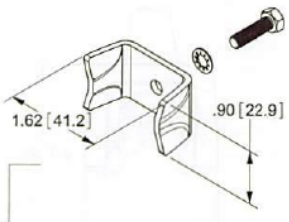
PAT. Flush Trigger Compression Latches



FRONT VIEW



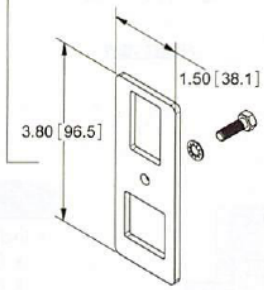
RIGHT SIDE VIEW



METAL FRAME MOUNTING BRACKET

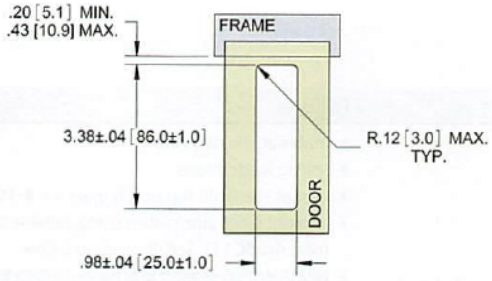
DOOR THICKNESS
.04 [1.0] MIN. TO .20 [5.1] MAX.
ZINC PLATED FINISH

OR

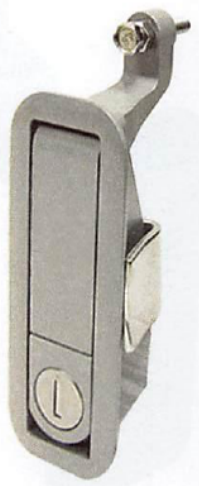


WOOD FRAME MOUNTING BRACKET

DOOR THICKNESS
.66 [16.8] MIN. TO .75 [19.0] MAX.
ZINC PLATED FINISH



MOUNTING DIMENSIONS



patented

Features

- die cast zinc
- low profile
- spring loaded lever
- mounting bracket per table
- (2) ringed keys included
- jam nut can be positioned on opposite side of lever in order to achieve maximum grip range
- also available with a thicker gauge metal frame mounting bracket for heavier duty applications (part no. **X44-MK01**)
- optional adjustment screw with plastic head (part no. **371**) is available separately, see below

Single Key Code Latches and Non-locking Latches

Grip Range .04 [1.0] to .95 [24.1] (1.4 [36] Lever Length)				Grip Range .91 [23.1] to 1.81 [46.0] (2.3 [58] Lever Length)				Mounting	Style
Matte Black	Polished Chrome	Textured Chrome	Gray	Matte Black	Polished Chrome	Textured Chrome	Gray		
47BK-751	**47CH-751**	**47TC-751**	**47G-751**	**47BK01-751**	**47CH01-751**	**47TC01-751**	**47G01-751**	metal mounting	locking- CH751
47BK	**47CH**	**47TC**	**47G**	**47BK01**	**47CH01**	**47TC01**	**47G01**		non-locking
49BK-751	**49CH-751**	**49TC-751**	**49G-751**	**49BK01-751**	**49CH01-751**	**49TC01-751**	**49G01-751**	wood mounting	locking- CH751
49BK	**49CH**	**49TC**	**49G**	**49BK01**	**49CH01**	**49TC01**	**49G01**		non-locking

Adjustment Screw with Plastic Head

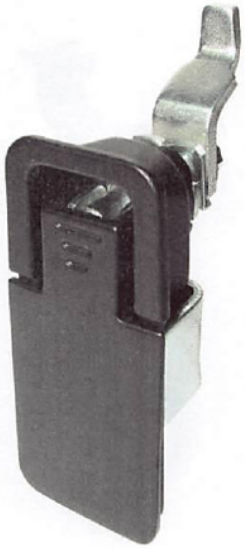
Part Number	Material	Grip Range
371	304SS screw & nut	0 [0] - .79 [20.1] .59 [15.1] - 1.65 [42.0]

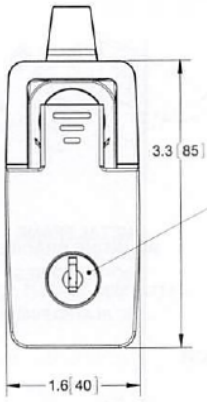
- plastic head protects surface finish from being damaged



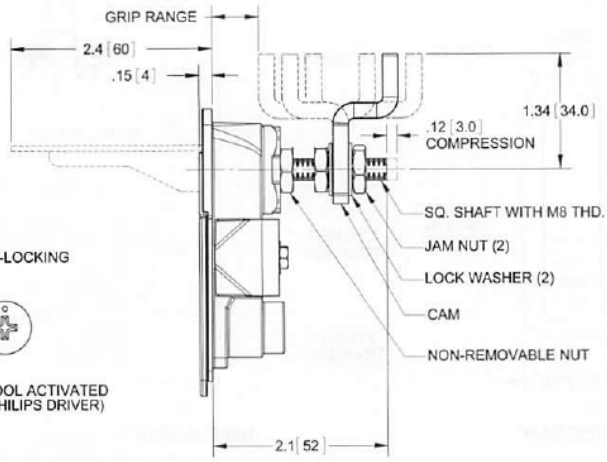
Flush Lift and Turn Compression Latches

NEMA 12 IP64

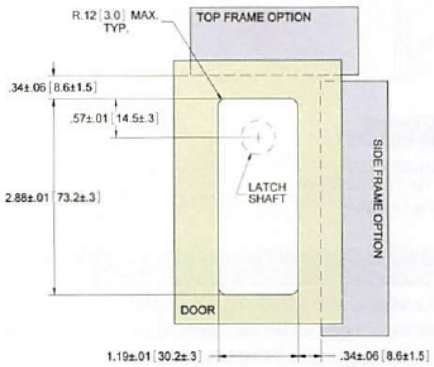




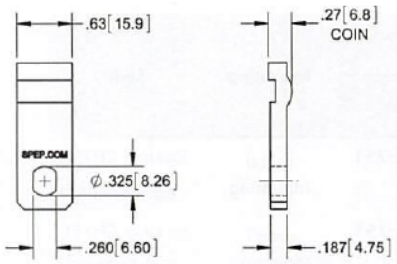
FRONT VIEW



RIGHT SIDE VIEW



MOUNTING DIMENSIONS



FRONT VIEW RIGHT SIDE VIEW

COINED STRAIGHT CAM
PART NO. **5C11**
(SOLD SEPARATELY)

Features

- includes:
  - (1) mounting bracket
  - (1) mounting screw
  - (1) cam
  - (2) lock washers
  - (2) jam nuts
  - (2) ringed brass keys, nickel plated, key code CH751
- material: die cast zinc
- spring loaded lever
- gasket available separately, part no. **8-1G**
- straight steel, zinc plated cam available separately (part no. **5C11**). See illustration below.
- NEMA 4/IP66 sealing is achieved when **8-1G** gasket is used and sealing is applied to mounting screw

Non-Locking Latches

Part Number			Grip Range			
Polished Chrome	Black Powder	Textured Chrome	Cam Offset In		Cam Offset Out	
			Min.	Max.	Min.	Max.
8-10CH-4	**8-10BK-4**	**8-10TC-4**	1.02 [25.9]	1.41 [35.8]	1.41 [35.8]	1.81 [46.0]
8-10CH-8	**8-10BK-8**	**8-10TC-8**	.63 [16.0]	1.02 [25.9]	1.81 [46.0]	2.20 [55.9]
8-10CH-12	**8-10BK-12**	**8-10TC-12**	.23 [5.8]	.63 [16.0]	2.20 [55.9]	2.59 [65.8]

Key-Locking Latches

Part Number			Grip Range			
Polished Chrome	Black Powder	Textured Chrome	Cam Offset In		Cam Offset Out	
			Min.	Max.	Min.	Max.
8-12CH-4	**8-12BK-4**	**8-12TC-4**	1.02 [25.9]	1.41 [35.8]	1.41 [35.8]	1.81 [46.0]
8-12CH-8	**8-12BK-8**	**8-12TC-8**	.63 [16.0]	1.02 [25.9]	1.81 [46.0]	2.20 [55.9]
8-12CH-12	**8-12BK-12**	**8-12TC-12**	.23 [5.8]	.63 [16.0]	2.20 [55.9]	2.59 [65.8]

Tool Activated Latches

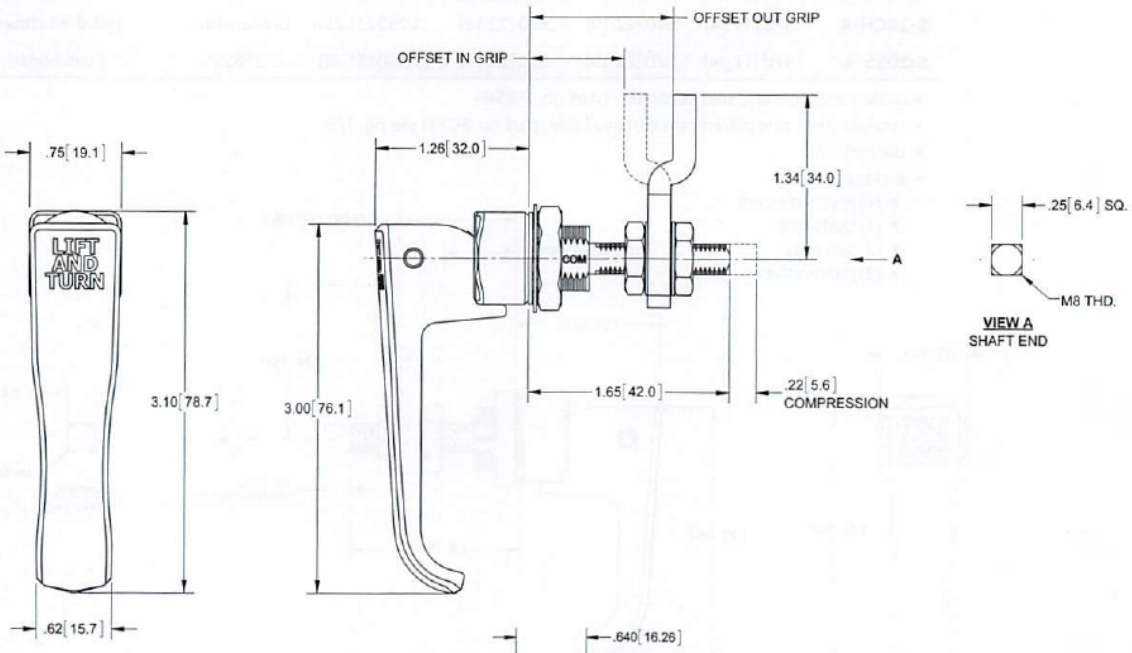
Part Number			Grip Range			
Polished Chrome	Black Powder	Textured Chrome	Cam Offset In		Cam Offset Out	
			Min.	Max.	Min.	Max.
8-14CH-4	**8-14BK-4**	**8-14TC-4**	1.02 [25.9]	1.41 [35.8]	1.41 [35.8]	1.81 [46.0]
8-14CH-8	**8-14BK-8**	**8-14TC-8**	.63 [16.0]	1.02 [25.9]	1.81 [46.0]	2.20 [55.9]
8-14CH-12	**8-14BK-12**	**8-14TC-12**	.23 [5.8]	.63 [16.0]	2.20 [55.9]	2.59 [65.8]

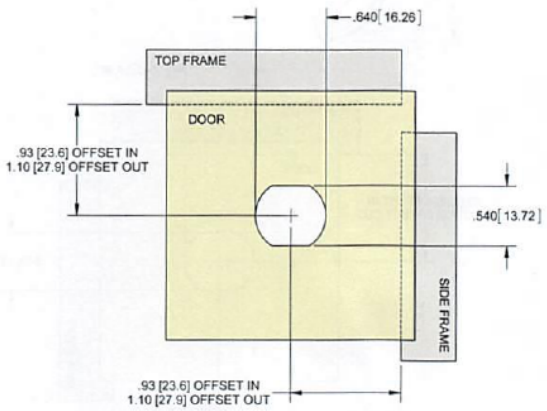
Medium Pull Action Lift and Turn Compression Latches

Part Number	Offset In Grip		Offset Out Grip		Material	Finish
	Min.	Max.	Min.	Max		
5-25BC	no cam		no cam		die cast zinc	brushed chrome
5-25BK	no cam		no cam		die cast zinc	matte black
5-25CH	no cam		no cam		die cast zinc	polished chrome
5-25BC-12	0.0 [0]	.20 [5.1]	1.77 [45.0]	2.16 [54.9]	die cast zinc	brushed chrome
5-25BK-12	0.0 [0]	.20 [5.1]	1.77 [45.0]	2.16 [54.9]	die cast zinc	matte black
5-25CH-12	0.0 [0]	.20 [5.1]	1.77 [45.0]	2.16 [54.9]	die cast zinc	polished chrome
5-25BC-8	.20 [5.1]	.59 [15.0]	1.37 [34.8]	1.77 [45.0]	die cast zinc	brushed chrome
5-25BK-8	.20 [5.1]	.59 [15.0]	1.37 [34.8]	1.77 [45.0]	die cast zinc	matte black
5-25CH-8	.20 [5.1]	.59 [15.0]	1.37 [34.8]	1.77 [45.0]	die cast zinc	polished chrome
5-25BC-4	.59 [15.0]	.98 [24.9]	.98 [24.9]	1.37 [34.8]	die cast zinc	brushed chrome
5-25BK-4	.59 [15.0]	.98 [24.9]	.98 [24.9]	1.37 [34.8]	die cast zinc	matte black
5-25CH-4	.59 [15.0]	.98 [24.9]	.98 [24.9]	1.37 [34.8]	die cast zinc	polished chrome



- includes:
  - (1) reversible cam
  - (1) body nut
  - (2) jam nuts
  - (2) lock washers
  - (1) gasket
  - internal O-ring
- straight steel, zinc plated cam also available (part no. **5C11**) see pg. 126
- die cast zinc





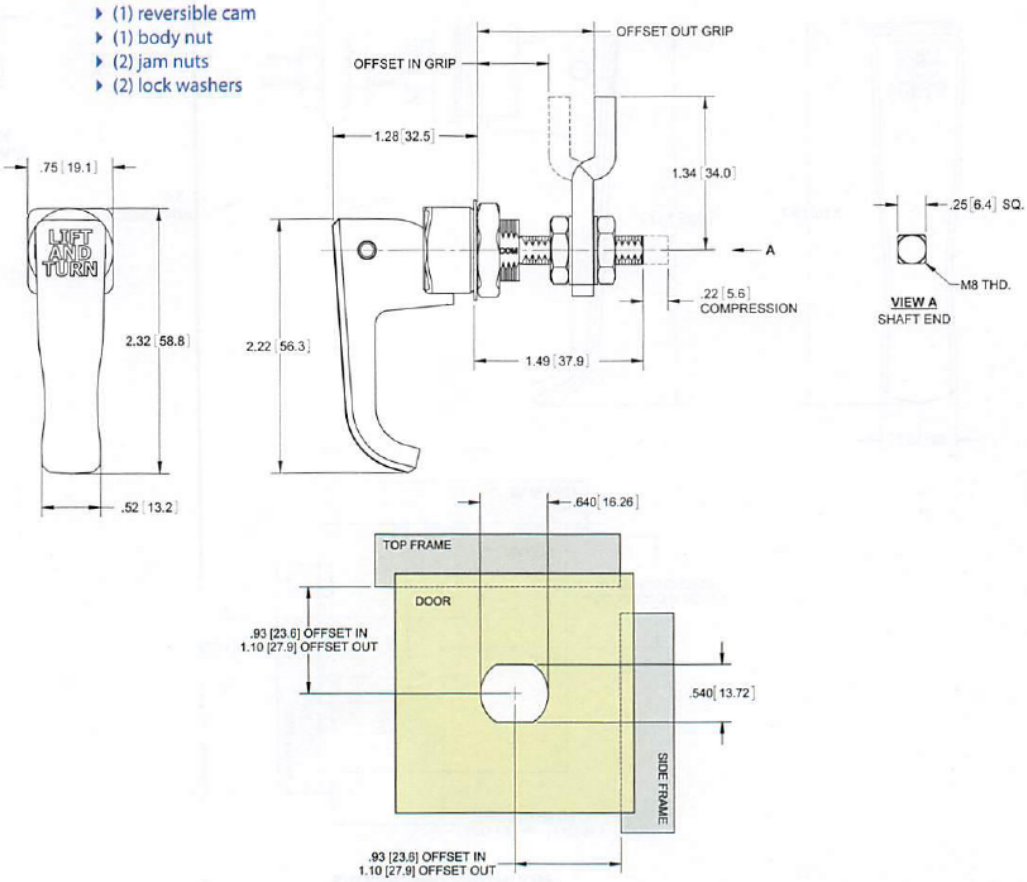
MOUNTING DIMENSIONS

Small Pull Action Lift and Turn Compression Latches 316SS



Part Number	Offset In Grip		Offset Out Grip		Material	Finish
	Min.	Max.	Min.	Max		
5-20	no cam		no cam		die cast zinc	natural with protective film
5-20BC	no cam		no cam		die cast zinc	brushed chrome
5-20BK	no cam		no cam		die cast zinc	matte black
5-20CH	no cam		no cam		die cast zinc	polished chrome
5-20SS	no cam		no cam		316SS	passivated
5-20-12	---	---	1.660 [42.16]	2.050 [52.07]	die cast zinc	natural with protective film
5-20BC-12	---	---	1.660 [42.16]	2.050 [52.07]	die cast zinc	brushed chrome
5-20BK-12	---	---	1.660 [42.16]	2.050 [52.07]	die cast zinc	matte black
5-20CH-12	---	---	1.660 [42.16]	2.050 [52.07]	die cast zinc	polished chrome
5-20SS-12	---	---	1.660 [42.16]	2.050 [52.07]	316SS	passivated
5-20-8	.080 [2.03]	.470 [11.94]	1.260 [32.00]	1.650 [41.91]	die cast zinc	natural with protective film
5-20BC-8	.080 [2.03]	.470 [11.94]	1.260 [32.00]	1.650 [41.91]	die cast zinc	brushed chrome
5-20BK-8	.080 [2.03]	.470 [11.94]	1.260 [32.00]	1.650 [41.91]	die cast zinc	matte black
5-20CH-8	.080 [2.03]	.470 [11.94]	1.260 [32.00]	1.650 [41.91]	die cast zinc	polished chrome
5-20SS-8	.080 [2.03]	.470 [11.94]	1.260 [32.00]	1.650 [41.91]	316SS	passivated
5-20-4	.470 [11.94]	.870 [22.10]	.870 [22.10]	1.250 [31.75]	die cast zinc	natural with protective film
5-20BC-4	.470 [11.94]	.870 [22.10]	.870 [22.10]	1.250 [31.75]	die cast zinc	brushed chrome
5-20BK-4	.470 [11.94]	.870 [22.10]	.870 [22.10]	1.250 [31.75]	die cast zinc	matte black
5-20CH-4	.470 [11.94]	.870 [22.10]	.870 [22.10]	1.250 [31.75]	die cast zinc	polished chrome
5-20SS-4	.470 [11.94]	.870 [22.10]	.870 [22.10]	1.250 [31.75]	316SS	passivated

- gasket available and sold separately (part no. **5-25G**)
- straight steel, zinc plated cam also available (part no. **5C11**) see pg. 126
- die cast zinc
- includes:
  - (1) reversible cam
  - (1) body nut
  - (2) jam nuts
  - (2) lock washers



MOUNTING DIMENSIONS

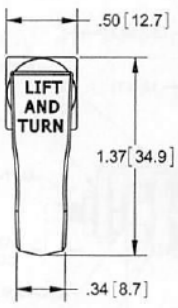
Download 3D MODELS @ www.spep.com

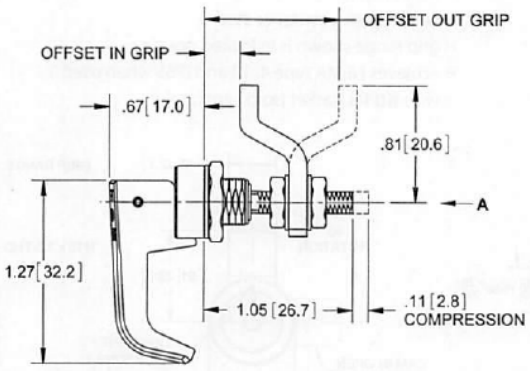
Mini Pull Action Lift and Turn Compression Latches

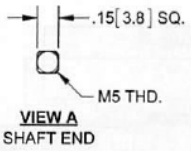
Part Number	Offset In Grip		Offset Out Grip		Material	Finish
	Min.	Max.	Min.	Max		
5-15BK	no cam		no cam		die cast zinc	matte black
5-15CH	no cam		no cam		die cast zinc	polished chrome
5-15BK-1	.39 [9.9]	.63 [16.0]	.63 [16.0]	.87 [22.1]	die cast zinc	matte black
5-15CH-1	.39 [9.9]	.63 [16.0]	.63 [16.0]	.87 [22.1]	die cast zinc	polished chrome
5-15BK-2	.16 [4.1]	.39 [9.9]	.87 [22.1]	1.10 [27.9]	die cast zinc	matte black
5-15CH-2	.16 [4.1]	.39 [9.9]	.87 [22.1]	1.10 [27.9]	die cast zinc	polished chrome
5-15BK-3	0.0 [0]	.16 [4.1]	1.10 [27.9]	1.34 [34.0]	die cast zinc	matte black
5-15CH-3	0.0 [0]	.16 [4.1]	1.10 [27.9]	1.34 [34.0]	die cast zinc	polished chrome



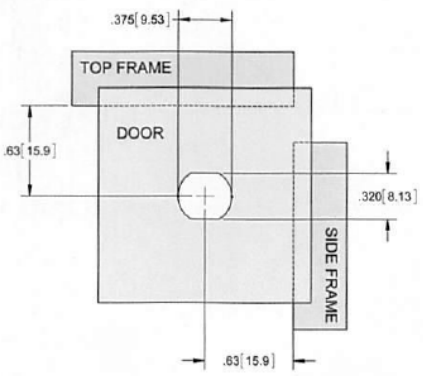
- die cast zinc
- includes:
  - (1) reversible cam
  - (1) body nut
  - (2) jam nuts
  - (2) lock washers







VIEW A
SHAFT END



MOUNTING DIMENSIONS

Small Compression Latches

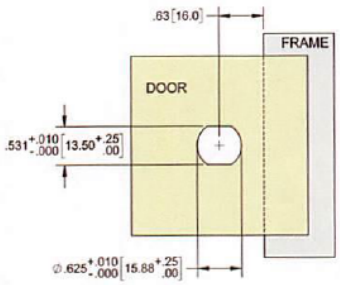
NEMA 4 NEMA 12 IP65 RATED



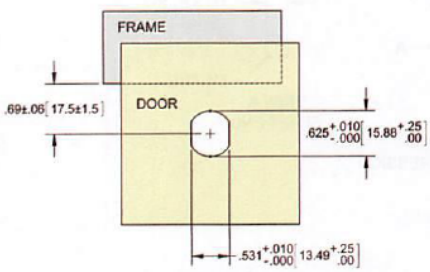
Grip Range		Part Number				
						
Min.	Max.	Recessed Hex	Thumb Turn	Slotted	Recessed Tubular	Hex Socket
.13 [3.2]	.25 [6.4]	**3-10BK01**	**3-11BK01**	**3-12BK01**	**3-13BK01**	**3-14BK01**
.25 [6.4]	.38 [9.5]	**3-10BK02**	**3-11BK02**	**3-12BK02**	**3-13BK02**	**3-14BK02**
.38 [9.5]	.50 [12.7]	**3-10BK03**	**3-11BK03**	**3-12BK03**	**3-13BK03**	**3-14BK03**
.50 [12.7]	.63 [15.9]	**3-10BK04**	**3-11BK04**	**3-12BK04**	**3-13BK04**	**3-14BK04**
.63 [15.9]	.75 [19.0]	**3-10BK05**	**3-11BK05**	**3-12BK05**	**3-13BK05**	**3-14BK05**
.75 [19.0]	.88 [22.2]	**3-10BK06**	**3-11BK06**	**3-12BK06**	**3-13BK06**	**3-14BK06**
.88 [22.2]	1.00 [25.4]	**3-10BK07**	**3-11BK07**	**3-12BK07**	**3-13BK07**	**3-14BK07**
1.00 [25.4]	1.13 [28.6]	**3-10BK08**	**3-11BK08**	**3-12BK08**	**3-13BK08**	**3-14BK08**

- includes:
  - (1) body lock washer
  - (1) body mounting nut
  - (1) cam
  - (2) cam lock washers
  - (2) cam mounting nuts
- die cast zinc
- finish: black powder coated
- grip range shown is in locked position
- achieves NEMA type 4, 12 and IP65 when used with **K04G** gasket (sold separately)

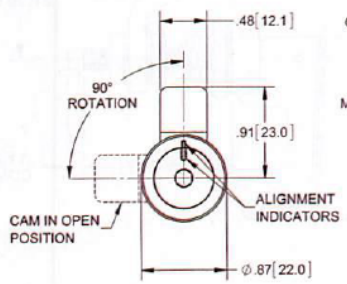
- **NOTE:** standard 5/32" or 4mm Allen wrench hex tool to be used for the **recessed hex** lock
- **NOTE:** standard thin wall 5/16" or 8mm hex socket tool to be used for the **hex socket** lock.

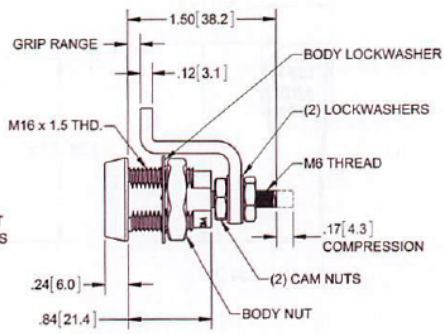


MOUNTING DIMENSIONS



MOUNTING DIMENSIONS







Key for Recessed Tubular Lock

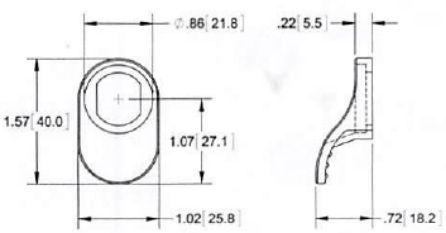
Part Number	Material	Finish
3-13K	steel	nickel plated



part no. **KH37BK**



part no. **KH37BK-01**



Black Finger Pulls

Part Number	Description	Material
KH37BK	in-line	black nylon
KH37BK-01	perpendicular	black nylon

- textured finish

316SS NEMA 4 NEMA 12 IP65 RATED

Large Compression Latches



Features

- includes:
  - (1) body lock washer
  - (1) body mounting nut
  - (1) cam
  - (2)cam lock washers
  - (2) cam mounting nuts
- die cast zinc
- finish: black powder coated
- grip range shown is in locked position
- achieves NEMA type 4, 12 and IP65 when used with **X174-01** gasket (sold separately)
- 1.37 [34.9] O.D. x .13 [3.2] thick steel zinc plated spacer (sold separately as part no. **KH45**)

Grip Range		Part Number					
		 available in 316SS					
Min.	Max.	Non-Locking T	Thumb Turn	Locking T	8mm Recessed Hex	3mm Double Bitted	7mm Triangle
.45 [11.4]	1.07 [27.2]	**4-10BK15**	**4-11BK15**	**4-12BK15**	**4-13BK15**	**4-14BK15**	**4-15BK15**
1.00 [25.4]	1.62 [41.1]	**4-10BK10**	**4-11BK10**	**4-12BK10**	**4-13BK10**	**4-14BK10**	**4-15BK10**
1.53 [38.9]	2.15 [54.6]	**4-10BK05**	**4-11BK05**	**4-12BK05**	**4-13BK05**	**4-14BK05**	**4-15BK05**
2.07 [52.6]	2.69 [68.3]	**4-10BK10**	**4-11BK10**	**4-12BK10**	**4-13BK10**	**4-14BK10**	**4-15BK10**
2.61 [66.3]	3.00 [76.2]	**4-10BK15**	**4-11BK15**	**4-12BK15**	**4-13BK15**	**4-14BK15**	**4-15BK15**

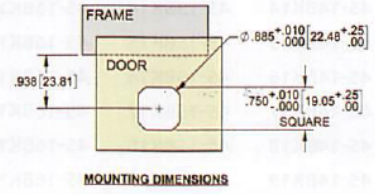
- **NOTE:** non-locking T- latches are also available in 316SS material with hand polished finish: **4-10SSTP05, 4-10SSTP10, 4-10SSTP15**

Grip Range		Part Number					
							
Min.	Max.	7mm Square	Slotted	Recessed Tubular	8mm Square	Bellcore 216	Bellcore Electronics
.45 [11.4]	1.07 [27.2]	**4-16BK15**	**4-17BK15**	**4-18BK15**	**4-19BK15**	**4-21BK15**	**4-22BK15**
1.00 [25.4]	1.62 [41.1]	**4-16BK10**	**4-17BK10**	**4-18BK10**	**4-19BK10**	**4-21BK10**	**4-22BK10**
1.53 [38.9]	2.15 [54.6]	**4-16BK05**	**4-17BK05**	**4-18BK05**	**4-19BK05**	**4-21BK05**	**4-22BK05**
2.07 [52.6]	2.69 [68.3]	**4-16BK10**	**4-17BK10**	**4-18BK10**	**4-19BK10**	**4-21BK10**	**4-22BK10**
2.61 [66.3]	3.00 [76.2]	**4-16BK15**	**4-17BK15**	**4-18BK15**	**4-19BK15**	**4-21BK15**	**4-22BK15**

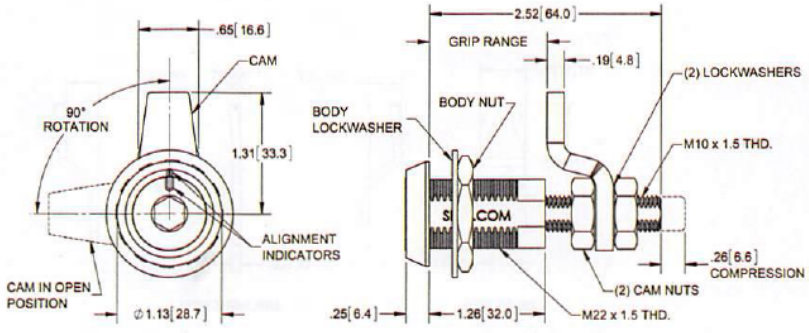
- **NOTE:** gasket available separately (part no. **X174-01**)

Key For Recessed Plugs

Part Number	Key Style
4-14K	3mm double bitted
4-15K	7mm triangle
4-16K	7mm square
4-18K	recessed tubular
4-19K	8mm square
4-21K	Bellcore 216
4-22K	Bellcore electronics



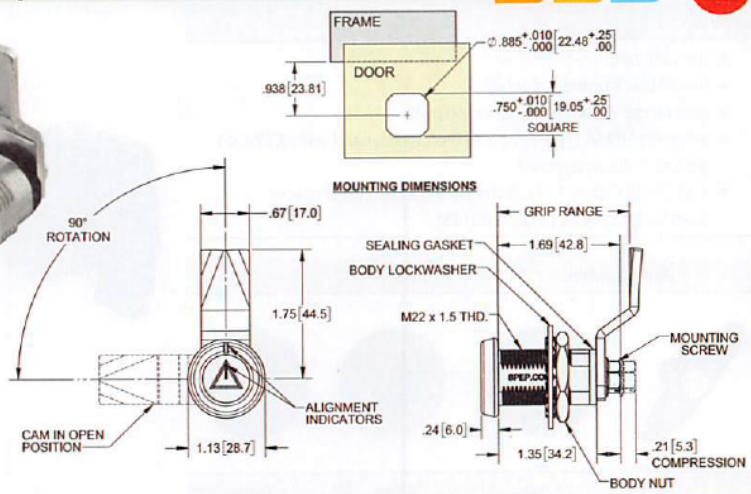
MOUNTING DIMENSIONS



Large Compression Latches with Fixed Grip

NEMA 4 | NEMA 12 | IP65 RATED | NEW PRODUCT FAMILY





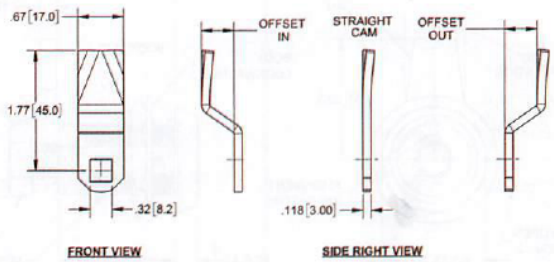
Features

- die cast zinc with black powder coated finish
- grip range shown is in locked position
- achieves NEMA type 4, 12 and IP65
- includes:
  - (1) face seal
  - (1) mounting lock washer
  - (1) body nut
  - (1) face seal
  - (1) cam mounting screw

Keys

Part Number	Key Style
4-14K	3mm double bitted
4-18K	recessed tubular
45-16K	7mm square & 8mm square
45-23K	7mm triangle & 8mm triangle

Total Grip	Latches Part Number								
									
	Thumb Turn	8MM Hex	3MM Double Bitted	7MM Triangle	7MM Square	Slotted	Recessed Tubular	8MM Square	8MM Triangle
---	45-11BK	45-13BK	45-14BK	45-15BK	45-16BK	45-17BK	45-18BK	45-19BK	45-23BK
.59 [15.0]	45-11BK00	45-13BK00	45-14BK00	45-15BK00	45-16BK00	45-17BK00	45-18BK00	45-19BK00	45-23BK00
.67 [17.0]	45-11BK01	45-13BK01	45-14BK01	45-15BK01	45-16BK01	45-17BK01	45-18BK01	45-19BK01	45-23BK01
.75 [19.0]	45-11BK02	45-13BK02	45-14BK02	45-15BK02	45-16BK02	45-17BK02	45-18BK02	45-19BK02	45-23BK02
.83 [21.0]	45-11BK03	45-13BK03	45-14BK03	45-15BK03	45-16BK03	45-17BK03	45-18BK03	45-19BK03	45-23BK03
.91 [23.0]	45-11BK04	45-13BK04	45-14BK04	45-15BK04	45-16BK04	45-17BK04	45-18BK04	45-19BK04	45-23BK04
.98 [25.0]	45-11BK05	45-13BK05	45-14BK05	45-15BK05	45-16BK05	45-17BK05	45-18BK05	45-19BK05	45-23BK05
1.06 [27.0]	45-11BK06	45-13BK06	45-14BK06	45-15BK06	45-16BK06	45-17BK06	45-18BK06	45-19BK06	45-23BK06
1.14 [29.0]	45-11BK07	45-13BK07	45-14BK07	45-15BK07	45-16BK07	45-17BK07	45-18BK07	45-19BK07	45-23BK07
1.22 [31.0]	45-11BK08	45-13BK08	45-14BK08	45-15BK08	45-16BK08	45-17BK08	45-18BK08	45-19BK08	45-23BK08
1.30 [33.0]	45-11BK09	45-13BK09	45-14BK09	45-15BK09	45-16BK09	45-17BK09	45-18BK09	45-19BK09	45-23BK09
1.38 [35.0]	45-11BK10	45-13BK10	45-14BK10	45-15BK10	45-16BK10	45-17BK10	45-18BK10	45-19BK10	45-23BK10
1.46 [37.0]	45-11BK11	45-13BK11	45-14BK11	45-15BK11	45-16BK11	45-17BK11	45-18BK11	45-19BK11	45-23BK11
1.54 [39.0]	45-11BK12	45-13BK12	45-14BK12	45-15BK12	45-16BK12	45-17BK12	45-18BK12	45-19BK12	45-23BK12
1.61 [41.0]	45-11BK13	45-13BK13	45-14BK13	45-15BK13	45-16BK13	45-17BK13	45-18BK13	45-19BK13	45-23BK13
1.69 [43.0]	45-11BK14	45-13BK14	45-14BK14	45-15BK14	45-16BK14	45-17BK14	45-18BK14	45-19BK14	45-23BK14
1.77 [45.0]	45-11BK15	45-13BK15	45-14BK15	45-15BK15	45-16BK15	45-17BK15	45-18BK15	45-19BK15	45-23BK15
1.85 [47.0]	45-11BK16	45-13BK16	45-14BK16	45-15BK16	45-16BK16	45-17BK16	45-18BK16	45-19BK16	45-23BK16
1.93 [49.0]	45-11BK17	45-13BK17	45-14BK17	45-15BK17	45-16BK17	45-17BK17	45-18BK17	45-19BK17	45-23BK17
2.00 [51.0]	45-11BK18	45-13BK18	45-14BK18	45-15BK18	45-16BK18	45-17BK18	45-18BK18	45-19BK18	45-23BK18
2.09 [53.0]	45-11BK19	45-13BK19	45-14BK19	45-15BK19	45-16BK19	45-17BK19	45-18BK19	45-19BK19	45-23BK19



Single Point Cams

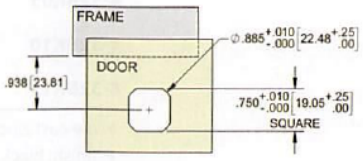
Part No.	Grip	Offset In	Part No.	Grip	Offset Out
45C00	[15.0]	.71 [18.0] in	45C10	[35.0]	.08 [2.0] out
45C01	[17.0]	.63 [16.0] in	45C11	[37.0]	.16 [4.0] out
45C02	[19.0]	.55 [14.0] in	45C12	[39.0]	.24 [6.0] out
45C03	[21.0]	.47 [12.0] in	45C13	[41.0]	.31 [8.0] out
45C04	[23.0]	.39 [10.0] in	45C14	[43.0]	.39 [10.0] out
45C05	[25.0]	.31 [8.0] in	45C15	[45.0]	.47 [12.0] out
45C06	[27.0]	.24 [6.0] in	45C16	[47.0]	.55 [14.0] out
45C07	[29.0]	.16 [4.0] in	45C17	[49.0]	.63 [16.0] out
45C08	[31.0]	.08 [2.0] in	45C18	[51.0]	.71 [18.0] out
45C09	[33.0]	.00 [0.0] in	45C19	[53.0]	.79 [20.0] out
▸ steel, zinc plated			▸ steel, zinc plated		

Compression Latches with Long Body

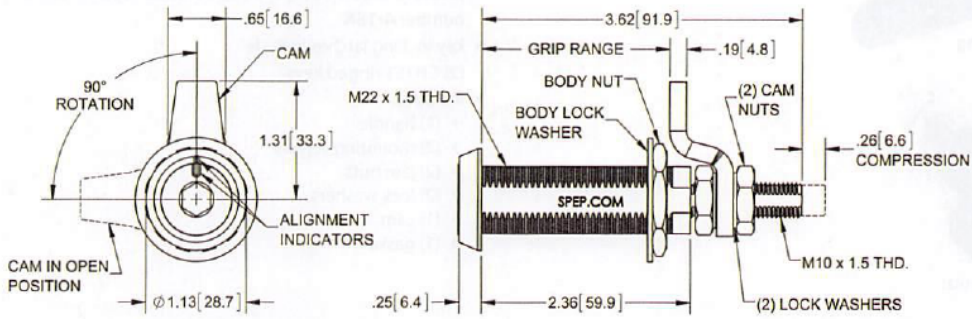
Part Numbers	Grip Range	
8mm Recessed Hex	Min.	Max
4-53BK15	1.55 [39.4]	2.17 [55.1]
4-53BK10	2.10 [53.3]	2.72 [69.1]
4-53BK05	2.63 [66.8]	3.25 [82.6]

- die cast zinc
- finish: black powder coated
- grip range shown is in locked position
- achieves NEMA type 4, 12 and IP65 when used with **X174-01** gasket (sold separately)
- 1.38 [35.0] O.D. x .125 [28.58] thick steel, zinc plated spacer (sold separately as part no. **KH45**)





MOUNTING DIMENSIONS



Large Compression Latches Accesories

Spacer

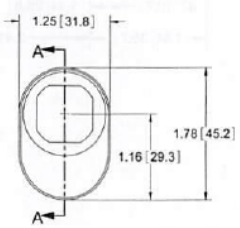
Part Number	Material	Finish
KH45	steel	zinc plated



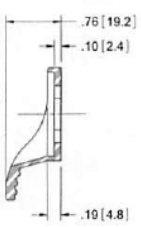
Black Finger Pull

Part Number	Material	Finish
KH38BK	thermoplastic with UV stabilizers	textured

- will shorten cam grip by .10" when you use this part



FRONT VIEW



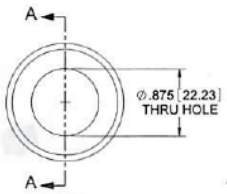
SECTION A-A



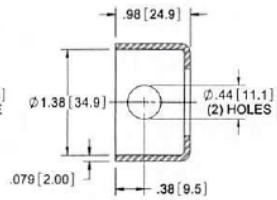
Padlock Cups

Part Number	Material	Finish
KH30BK	steel	black powder coated
KH30SS	304SS	passivated

- accepts Ø.375 (3/8) padlock
- will shorten cam grip by .08" when you use this part
- will not work with part numbers **4-10BK**, **4-11BK**, and **4-12BK**



TOP VIEW



SECTION A-A



Compression Latches with Three-hole Mounting

NEMA 4 NEMA 12 IP65 RATED



locking



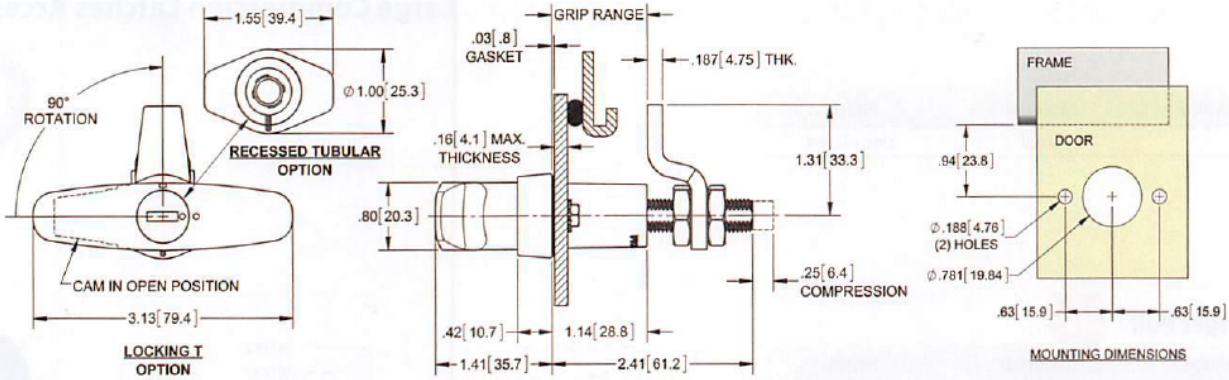
non-locking



Recessed Tubular

Part Numbers			Grip Range	
Key Locking T	Non-Locking T	Recessed Tubular	Min.	Max
4-32BK15	**4-30BK15**	**4-38BK15**	.29 [7.9]	.91 [23.6]
4-32BK10	**4-30BK10**	**4-38BK10**	.84 [21.8]	1.45 [37.3]
4-32BK05	**4-30BK05**	**4-38BK05**	1.38 [25.3]	2.00 [50.8]
4-32BK10	**4-30BK10**	**4-38BK10**	1.90 [49.0]	2.52 [64.8]
4-32BK15	**4-30BK15**	**4-38BK15**	2.44 [62.7]	3.06 [76.2]

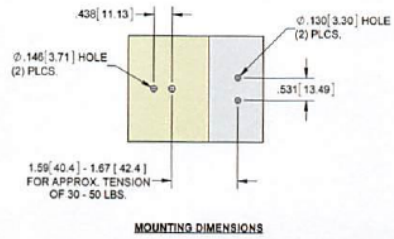
- die cast zinc
- finish: black
- grip range shown in closed position
- achieves NEMA type 4, 12, and IP65
- recessed tubular latches do not include keys but can be purchased separately as part number **4-18K**
- key locking latches include (2) CH751 ringed keys
- includes:
  - (1) handle
  - (2) mounting screws
  - (2) jam nuts
  - (2) lock washers
  - (1) cam
  - (1) gasket



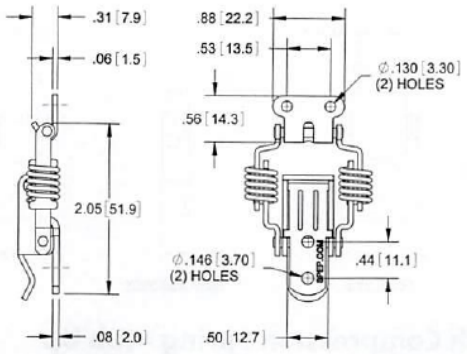
Download 3D MODELS @ www.spep.com

Small Compression Pull Down Catch and Keeper

Part Number	Material	Finish
2053ZN	steel	zinc plated
2053SS	304SS	electropolished



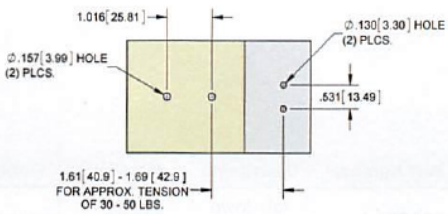
MOUNTING DIMENSIONS



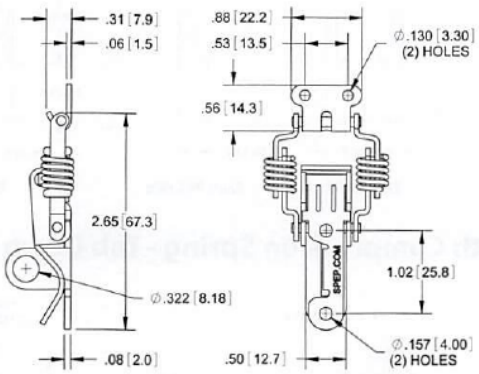


Small Compression Pull Down Catch with Padlock Eye and Keeper

Part Number	Material	Finish
2054ZN	steel	zinc plated
2054SS	304SS	electropolished



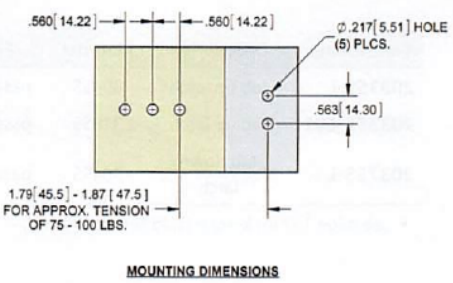
MOUNTING DIMENSIONS



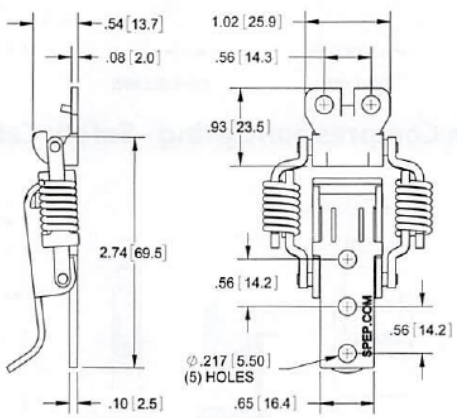


Large Compression Pull Down Catch and Keeper

Part Number	Material	Finish
2055ZN	steel	zinc plated
2055SS	304SS	electropolished



MOUNTING DIMENSIONS

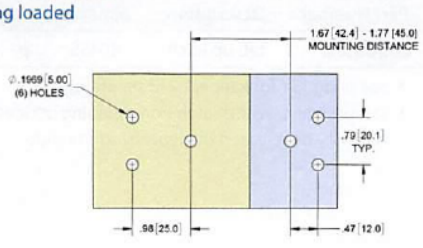




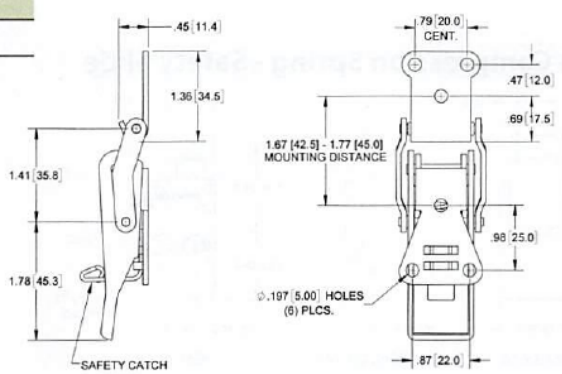
Spring Loaded Draw Pull Latch with Safety Catch

Part Number	Material	Finish
2064SS	304SS	passivated

- built-in safety catch
- spring loaded



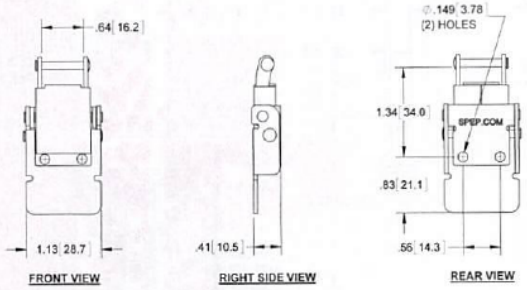
MOUNTING DIMENSIONS





Over Center Latch with Compression Spring - Tab Straight



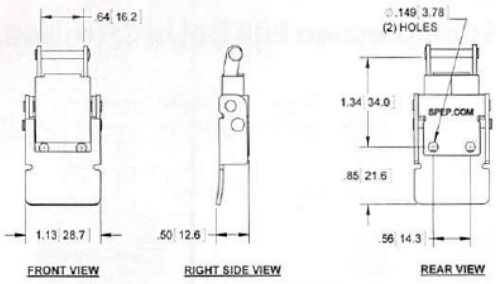


Part Number	Description	Material	Finish
2034SS-L	tab straight latch	304SS	passivated

▸ see page 137 for keeper (sold separately)

Over Center Latch with Compression Spring - Tab Up



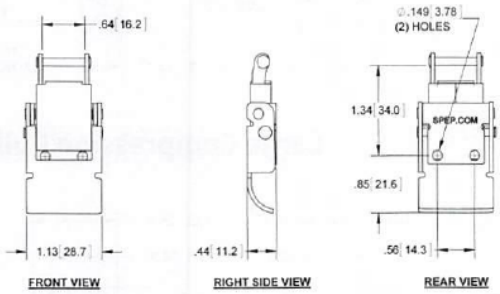


Part Number	Description	Material	Finish
2035SS-L	tab up latch	304SS	passivated

▸ see page 137 for keeper (sold separately)

Over Center Latch with Compression Spring - Tab Down 316SS



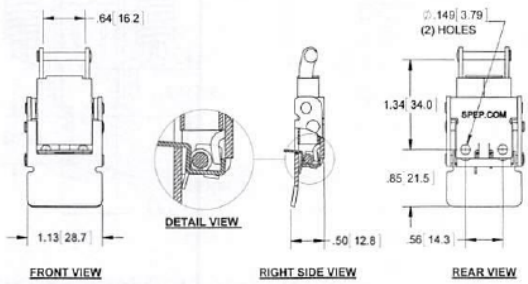


Part Number	Description	Material	Finish
2036SS-L	tab down latch	304SS	passivated
2036SS-L03	tab down latch	316SS	passivated

▸ see page 137 for keeper (sold separately)

Over Center Latch with Compression Spring - Safety Catch 316SS



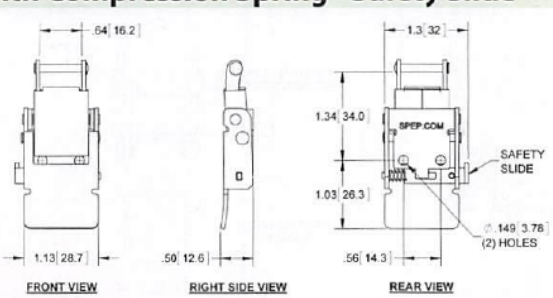


Part Number	Description	Material	Finish
2033SS-L	tab up latch	304SS	passivated
2033SS-L01	tab up latch	316SS	passivated
2037SS-L	tab down latch	304SS	passivated

▸ see page 137 for keeper (sold separately)

Over Center Latch with Compression Spring - Safety Slide





Part Number	Description	Material	Finish
2038SS-L	tab up latch	304SS	passivated

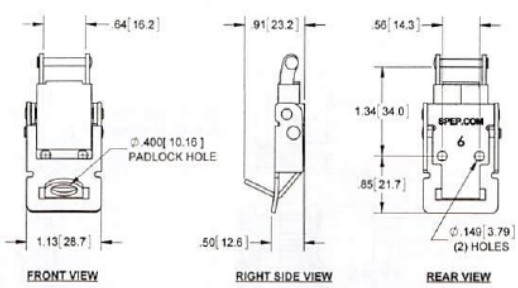
▸ see page 137 for keeper (sold separately)

▸ safety slide prevents latch from opening accidentally and may be released by depressing the slide

316SS Compression Spring and Over Center Latch with Padlock Eye

Part Number	Description	Material	Finish
2032SS-L	tab up latch	304SS	passivated
2032SS-L03	tab up latch	316SS	passivated
2032SS	tab up latch & keeper	304SS	passivated

- see below for keeper (sold separately)



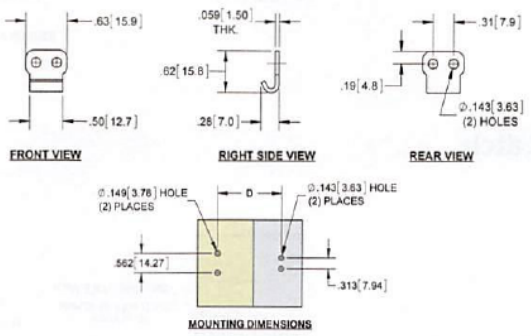


316SS Keepers

Part Number	Description	Material	Finish
2032SS-K	keeper	304SS	passivated
2032SS-K01	keeper	316SS	passivated

- see table for the distance that relates to the desired tension

Desired Tension	D
30 lbs.	1.813 [46.05]
50 lbs.	1.875 [47.63]
70 lbs.	1.938 [49.23]

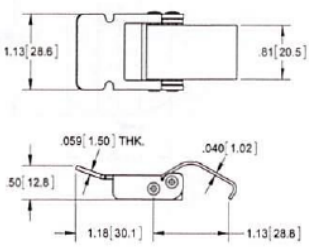




Over Center Latch

Part Number	Material	Finish
2175	steel	zinc plated

- no mounting holes, welded in place





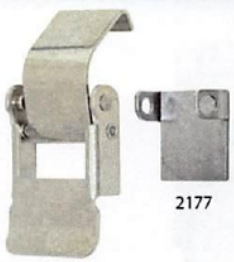
Over Center Latch Kit

Part Number	Description	Material	Finish	Padlocking
2176	latch	steel	clear zinc	no
2176-01	latch	steel	clear zinc	yes
2177	mounting plate	steel	mill	no
2177-01	mounting plate	steel	mill	yes

- parts sold separately
- part no. **2177** has no holes and must be welded in place
- part no. **2177-01** may be screwed or welded in place



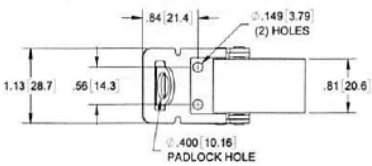
same dimensions as part no. **2178** shown below

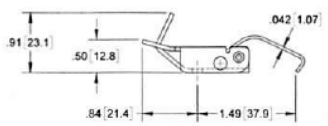


same dimensions as part no. **2175** shown above

Over Center Latch with Padlock Eye

Part Number	Material	Finish
2178ZN	steel	zinc plated
2178SS	304SS	passivated





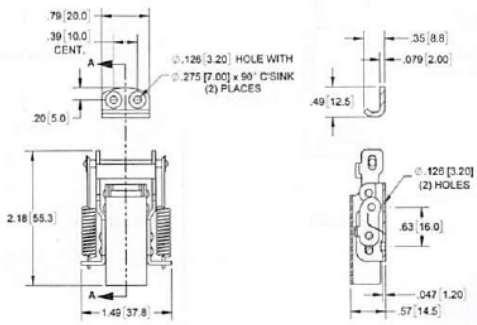


Tension Draw Latch



Part Number	Material	Finish
2070SS	304SS	barrel polished

- spring loaded

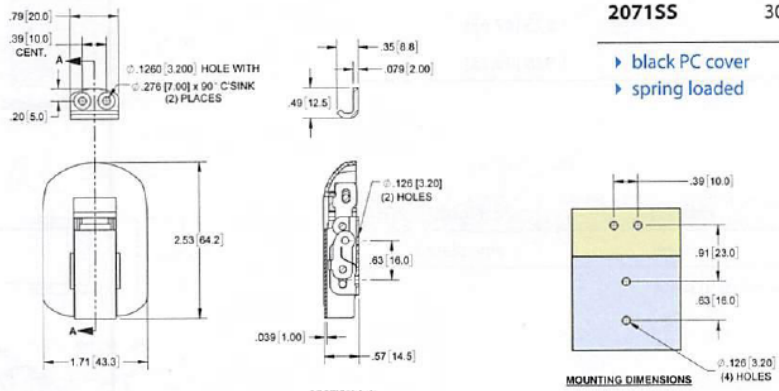


Tension Draw Latch



Part Number	Material	Finish
2071SS	304SS	barrel polished

- black PC cover
- spring loaded

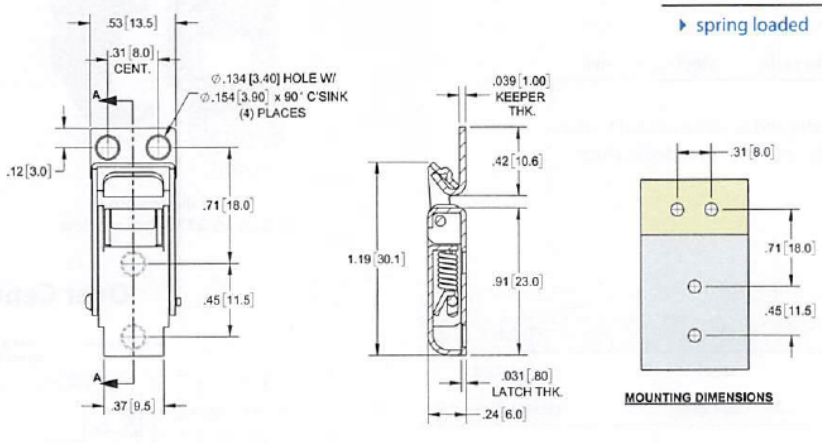


Tension Draw Latch



Part Number	Material	Finish
2067SS	304SS	barrel polished

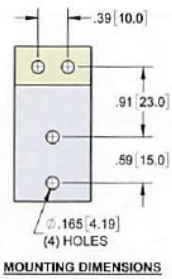
- spring loaded



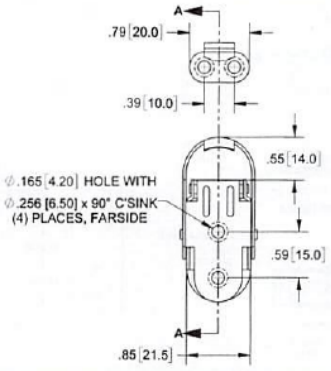
Spring Loaded Draw Pull Latch

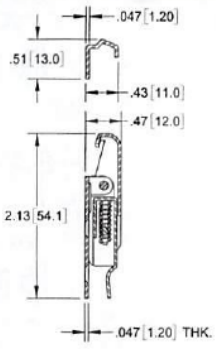
Part Number	Material	Finish
2074N	steel	nickel plated

- spring loaded lever



MOUNTING DIMENSIONS





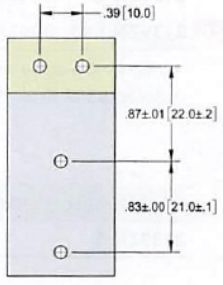
SECTION A-A



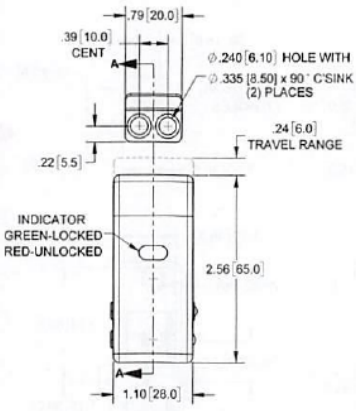
Spring Loaded Pull Down Latch

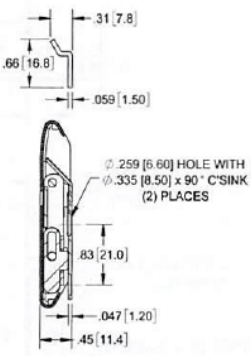
Part Number	Material	Finish
2069SS	304SS	barrel polished

- latched or unlatched condition can be verified with built-in indicator
  - red indicates unlatched
    green indicates latched
- spring loaded



MOUNTING DIMENSIONS





SECTION A-A

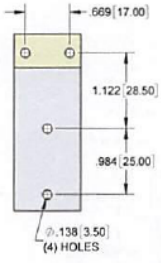


316SS

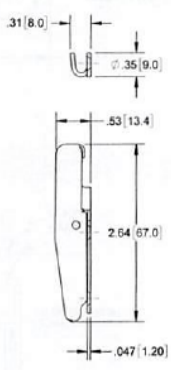
Spring Loaded Pull Down Latch

Part Number	Description	Material	Finish
233SS	latch and keeper	316SS	barrel polished

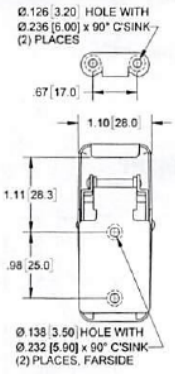
- concealed keeper
- spring loaded



MOUNTING DIMENSIONS



SIDE VIEW



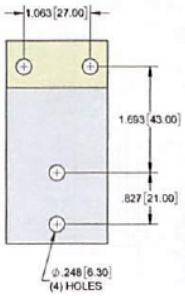
BOTTOM VIEW



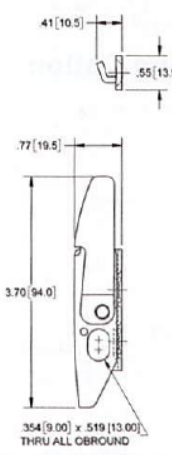
Spring Loaded Pull Down Latch

Part Number	Description	Material	Finish
246SS	latch and keeper	304SS	barrel polished

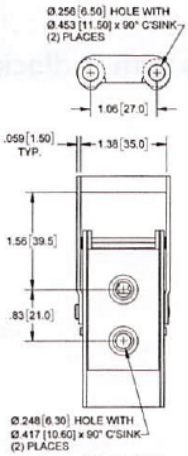
- concealed keeper
- spring loaded



MOUNTING DIMENSIONS



SIDE VIEW

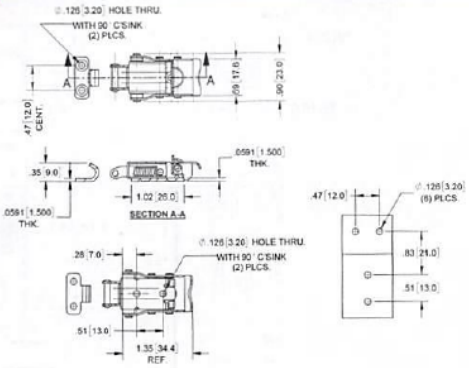


BOTTOM VIEW



Small Tension Latch NEW

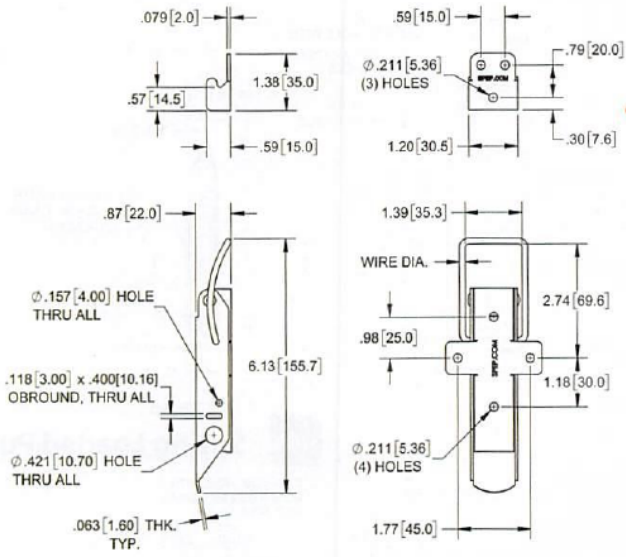




Part Number	Material	Finish
2059SS	304SS	barrel polished

Pull Down Latches with Spring Loop Wire Bail





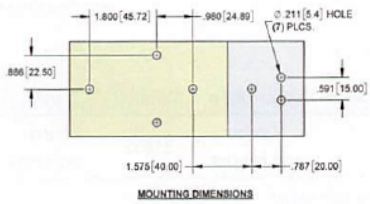
Latches

Part Number	Wire Dia.	Mounting Holes	Material	Finish
2139ZN-L	Ø.143 [3.63]	yes	steel	zinc plated
NEW **2139ZN-L10**	Ø.197 [5.00]	yes	steel	zinc plated

- may be sealed by wire to prevent unlatching
- accepts 3/8" padlock

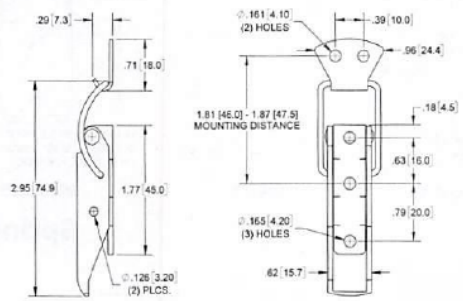
Keeper

Part Number	Mounting Holes	Material	Finish
2139ZN-S	yes	steel	zinc plated



Draw Pull Latch with Keeper



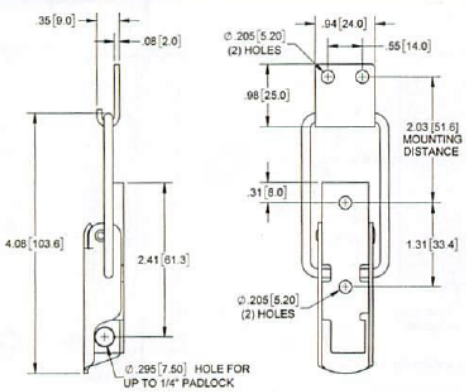


Part Number	Material	Finish
2062SS	304SS	polished

- may be sealed by wire to prevent unlatching

Draw Pull Latch with Padlocking Option



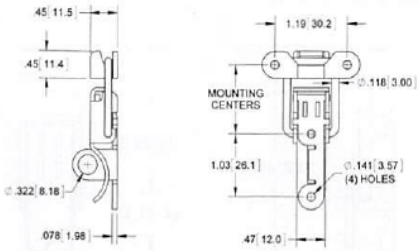


Part Number	Material	Finish
2063SS	304SS	tumbled

- working load: 170lbs.
- accepts up to 1/4" padlock

Pull Down Latch with Padlock Eye and Keeper

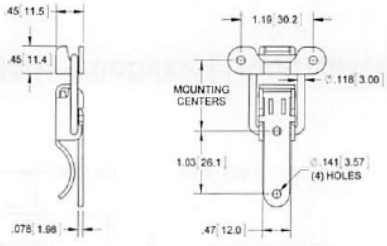
Part Number	Padlock Hasp	Mounting Holes	Material	Finish	Mounting Centers
205S1	yes	yes	steel	mill	1.13 [28.7]
205S2	yes	no	steel	mill	welded
205ZN1	yes	yes	steel	zinc	1.13 [28.7]
205SS1	yes	yes	304SS	tumbled	1.20 [30.5]
205BK1	yes	yes	steel	black oxide	1.13 [28.7]





Pull Down Latch and Keeper

Part Number	Padlock Hasp	Mounting Holes	Material	Finish	Mounting Centers
206S1	no	yes	steel	mill	1.13 [28.7]
206S2	no	no	steel	mill	welded
206ZN1	no	yes	steel	zinc	1.13 [28.7]
206SS1	no	yes	304SS	tumbled	1.13 [28.7]

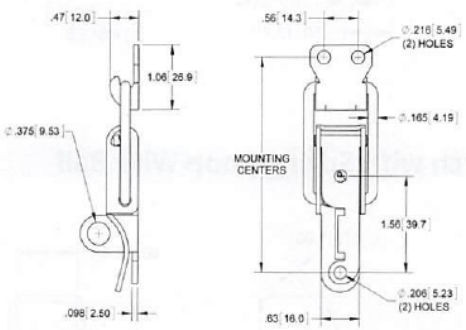




Pull Down Latch with Padlock Eye and Keeper

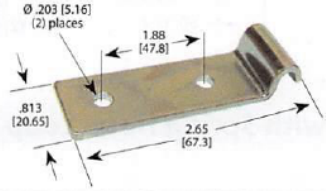
Part Number	Padlock Hasp	Mounting Holes	Material	Finish	Mounting Centers
207S1	yes	yes	steel	mill	3.50 [88.9]
207S2	yes	no	steel	mill	3.50 [88.9]
207ZN1	yes	yes	steel	zinc plated	3.50 [88.9]
207SS1	yes	yes	304SS	electropolished	3.54 [89.9]
207ZN2	yes	no	steel	zinc plated	3.50 [88.9]
207BK1	yes	yes	steel	black oxide	3.50 [88.9]

- latch and keeper can be ordered separately for part number **207SS1** (catch part no. **207SSC**, keeper part no. **207SSS**)
- latch and keeper can be ordered separately for part number **207ZN1** (catch part no. **207ZNC**, keeper part no. **207ZNS**)





Optional Keeper
part no. **20711** (zinc)





Pull Down Latch and Keeper

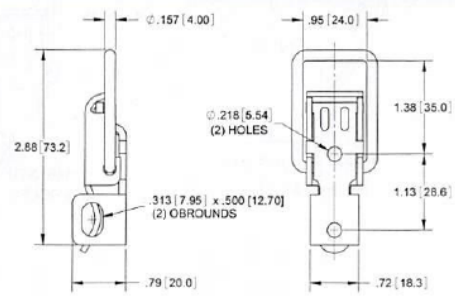
Part Number	Padlock Hasp	Mounting Holes	Material	Finish	Mounting Centers
208S1	no	yes	steel	mill	3.50 [88.9]
208S2	no	no	steel	mill	3.50 [88.9]
208ZN1	no	yes	steel	zinc plated	3.50 [88.9]

- **NOTE:** overall dimensions are the same as 207 series

Pull Down Latch with Dual Padlocking Eyes

Part Number	Padlock Hasp	Mounting Holes	Material	Finish
202ZN1	yes	yes	steel	zinc plated

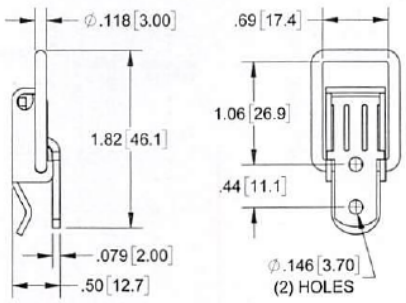
- may be used with **207ZNS** keeper





Small Pull Down Latch with Straight Loop Wire Bail





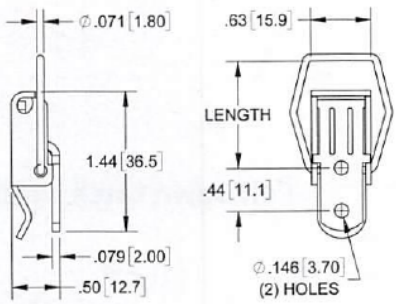
Part Number	Mounting Holes	Material	Finish
2043ZN	yes	steel	blue zinc plated
2043ZN-02	no	steel	blue zinc plated
2043SS	yes	304SS	tumbled
2043SS-02	no	304SS	tumbled

▸ see pg. 143 for keeper (sold separately)

Small Pull Down Latch with Short Hexagonal Loop Wire Bail





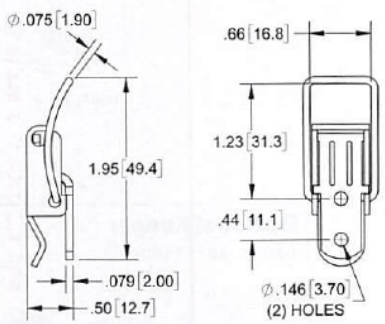


Part Number	Mounting Holes	Length	Material	Finish
2044ZN	yes	1.10 [27.9]	steel	blue zinc plated
2044ZN-01	yes	.88 [22.2]	steel	blue zinc plated
2044ZN-02	no	.88 [22.2]	steel	blue zinc plated
2044SS	yes	1.10 [27.9]	304SS	tumbled
2044SS-01	yes	.88 [22.2]	304SS	tumbled
2044SS-02	no	.88 [22.2]	304SS	tumbled

▸ see pg. 143 for keeper (sold separately)

Small Pull Down Latch with Spring Loop Wire Bail



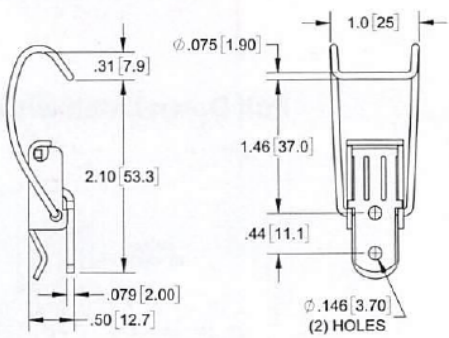


Part Number	Mounting Holes	Material	Finish
2047ZN	yes	steel	blue zinc plated
2047SS	yes	304SS	tumbled

▸ see pg. 143 for keeper (sold separately)

Small Pull Down Latch with Spring Hook Loop Wire Bail





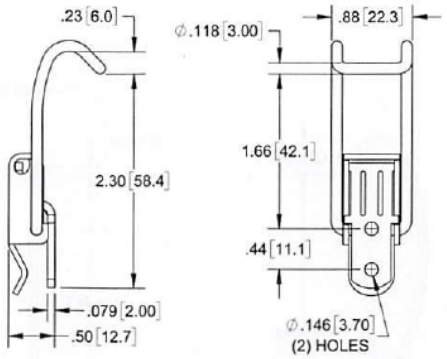
Part Number	Mounting Holes	Material	Finish
2046ZN	yes	steel	blue zinc plated
2046SS	yes	304SS	tumbled

▸ can be used with or without keeper on pg. 143 (sold separately)

Small Pull Down Latch with Hook Loop Wire Bail

Part Number	Mounting Holes	Material	Finish
2048ZN	yes	steel	blue zinc plated
2048SS	yes	304SS	tumbled

▸ can be used with or without keeper on pg. 143 (sold separately)

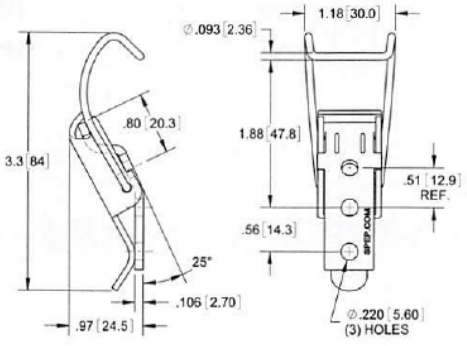




Pull Down Latch with Spring Hook Loop Wire Bail

Part Number	Mounting Holes	Material	Finish
2052ZN	yes	steel	zinc plated

▸ can be used with or without keeper below (sold separately)

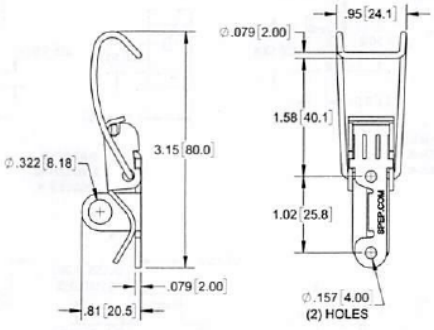




Small Pull Down Latch with Padlock Eye and Hook Loop Wire Bail

Part Number	Mounting Holes	Material	Finish
2049ZN	yes	steel	blue zinc plated
2049SS	yes	304SS	tumbled

▸ can be used with or without keeper below (sold separately)

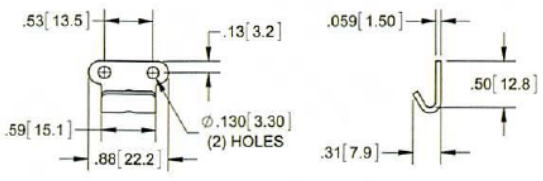




Small Pull Down Latch Keeper

Part Number	Mounting Holes	Material	Finish
204ZN-K	yes	steel	blue zinc plated
204SS-K	yes	304SS	tumbled



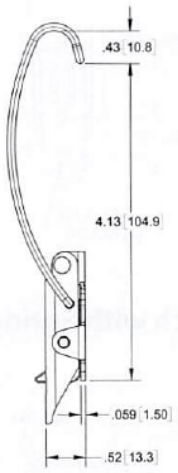


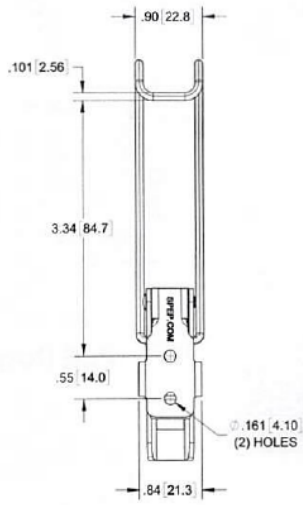
Small Pull Down Latch with Long Spring Curved Hook Bail

NEW

Part Number	Material	Finish
20614SS-L	304SS	passivated



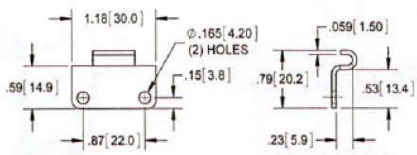




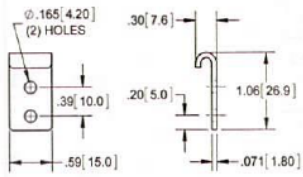
Small Keepers



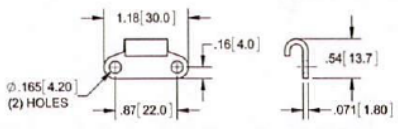
Part Number	Type	Material	Finish
2060ZN-K	small	steel	zinc plated
2060SS-K	small	304SS	passivated
20601ZN-K	narrow	steel	zinc plated
20601SS-K	narrow	304SS	passivated
20602ZN-K	right angle	steel	zinc plated
20602SS-K	right angle	304SS	passivated
20603ZN-K	large	steel	zinc plated
20603SS-K	large	304SS	passivated
20604ZN-K	medium	steel	zinc plated
20604SS-K	medium	304SS	passivated



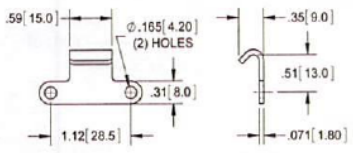
RIGHT ANGLE
20602ZN-K
20602SS-K



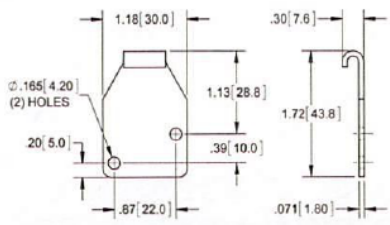
NARROW
20601ZN-K
20601SS-K



SMALL
2060ZN-K
2060SS-K



MEDIUM
20604ZN-K
20604SS-K



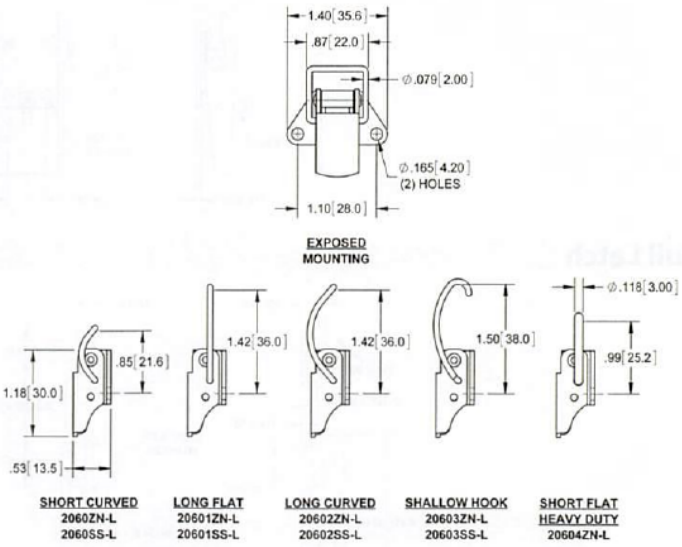
LARGE
20603ZN-K
20603SS-K

Small Pull Down Latch with Exposed Mounting Holes

Part Number	Wire Bail	Material	Finish
2060ZN-L	short curved wire	steel	zinc plated
2060SS-L	short curved wire	304SS	passivated
20601ZN-L	long flat wire	steel	zinc plated
20601SS-L	long flat wire	304SS	passivated
20602ZN-L	long curved wire	steel	zinc plated
20602SS-L	long curved wire	304SS	passivated
20603ZN-L	shallow hook wire	steel	zinc plated
20603SS-L	shallow hook wire	304SS	passivated
20604ZN-L	short flat heavy-duty wire	steel	zinc plated

▸ see pg. 144 for keeper options



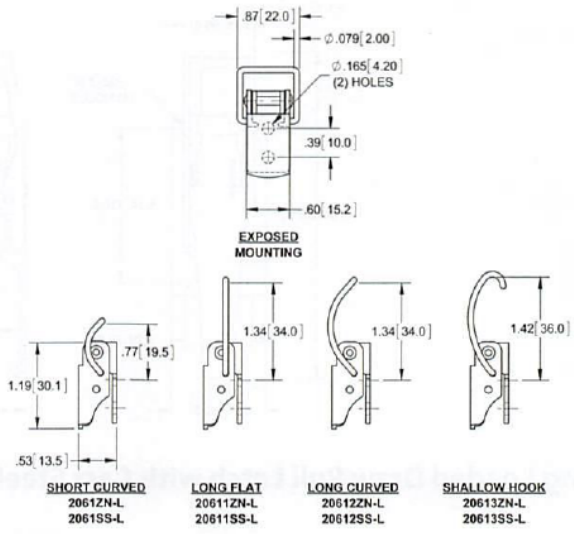


Small Pull Down Latch with Concealed Mounting Holes

Part Number	Wire Bail	Material	Finish
2061ZN-L	short curved wire	steel	zinc plated
2061SS-L	short curved wire	304SS	passivated
20611ZN-L	long flat wire	steel	zinc plated
20611SS-L	long flat wire	304SS	passivated
20612ZN-L	long curved wire	steel	zinc plated
20612SS-L	long curved wire	304SS	passivated
20613ZN-L	shallow hook wire	steel	zinc plated
20613SS-L	shallow hook wire	304SS	passivated

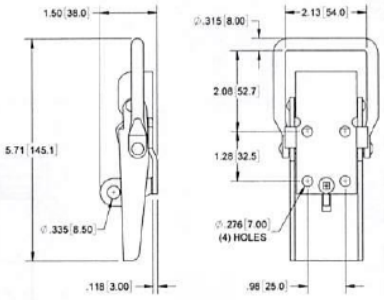
▸ see pg. 144 for keeper options





Draw Pull Latch with Padlock Hole



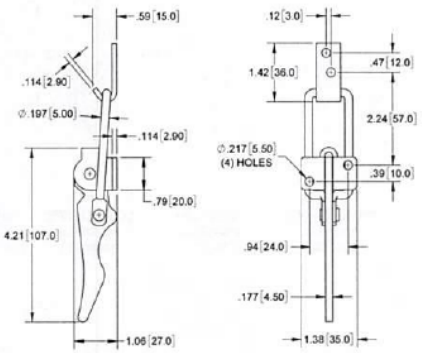


Part Number	Material	Finish
2133ZN-L	steel	zinc plated
NEW 2133BK-L	steel	black e-coat

- accepts up to 5/16" padlock
- keeper not included

Lever Draw Pull Latch



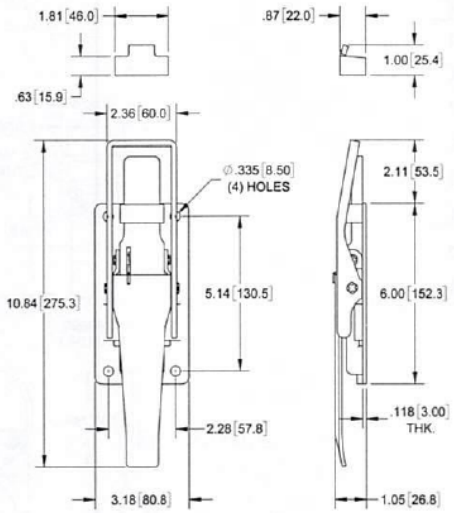


Part Number	Material	Finish
2073ZN	steel	zinc plated

- working load: 110 lbs.

Heavy Duty Spring Loaded Draw Pull Latch with Cast Steel Bolt



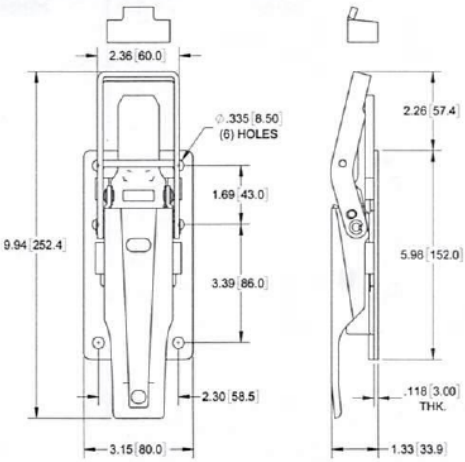


Part Number	Material	Finish
2136ZN	steel	zinc plated

- weldable keeper

Heavy Duty Spring Loaded Draw Pull Latch with Cast Steel Bolt





Part Number	Material	Finish
2134ZN	steel	zinc plated

NEW Heavy Duty Toggle Latch

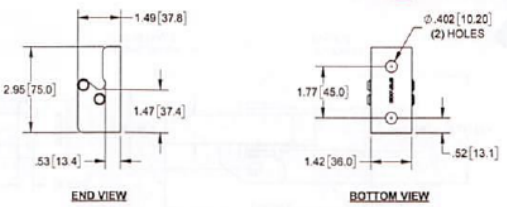
Latch

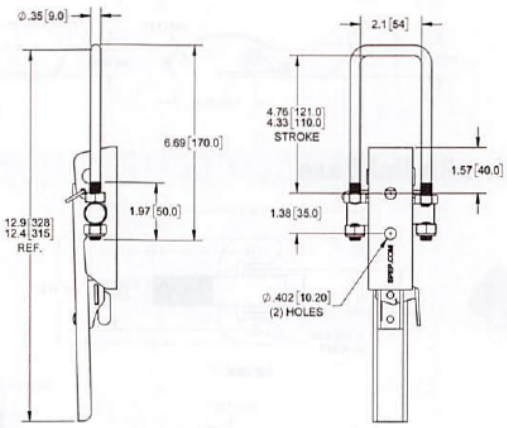
Part No.	Material	Finish
2077ZN-L	steel	zinc plated

- keeper available separately
- max working load: 7500 LBS
- ultimate load: 15000 LBS

Keeper

Part No.	Material	Finish
2077ZN-K	steel	zinc plated



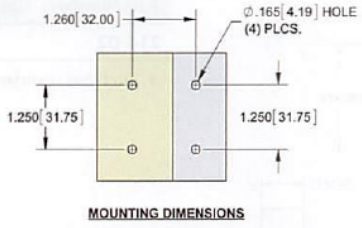




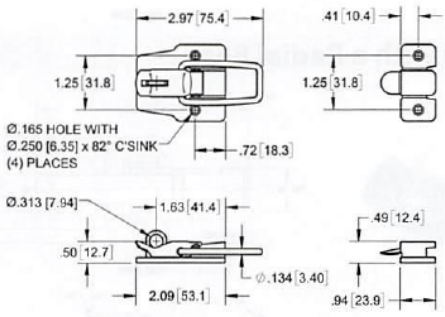
Stamped Padlocking Over Center Latch

Part No.	Material	Finish
2045	steel	nickel plated

- spring loaded lever snaps to the open or closed position



MOUNTING DIMENSIONS

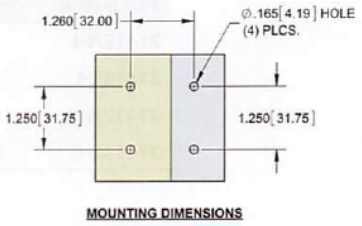




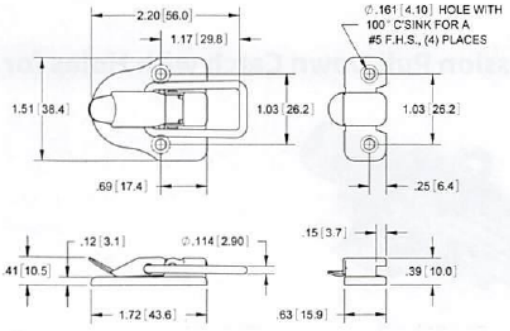
Stamped Over Center Latch

Part No.	Material	Finish
2051	steel	nickel plated

- spring loaded lever snaps to the open or closed position



MOUNTING DIMENSIONS

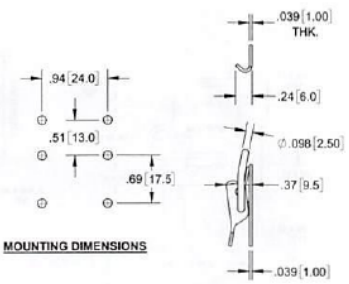




Draw Pull Latch with Spring Loaded Lever

Part No.	Material	Finish
2072NP	steel	nickel plated

- spring loaded lever

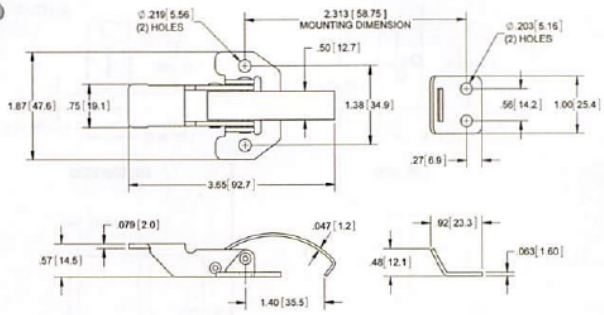


MOUNTING DIMENSIONS



Over Center Latch





Latch

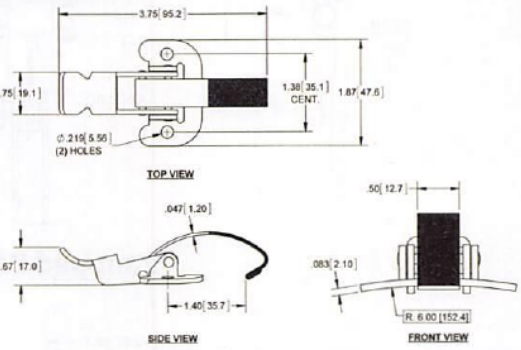
Part Number	Description	Material	Finish
213	latch	steel	zinc plated

Keeper

Part Number	Description	Material	Finish
2131	keeper	steel	zinc plated

Over Center Latch with a Radial Base

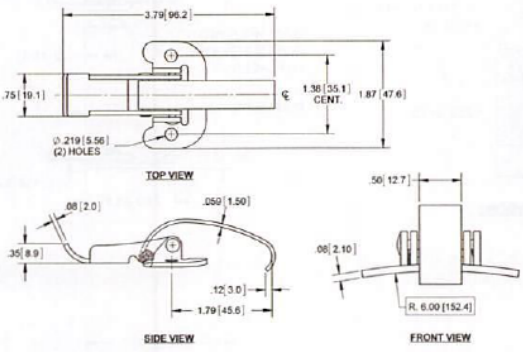




Part Number	Material	Finish	PVC Coating
214	steel	zinc plated	yes
214-01	steel	zinc plated	no

Over Center Latch with a Radial Base

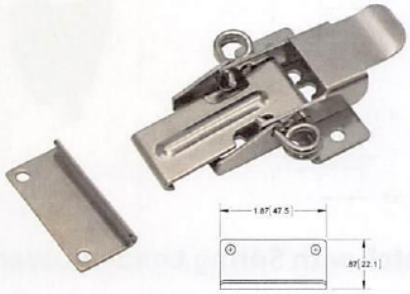




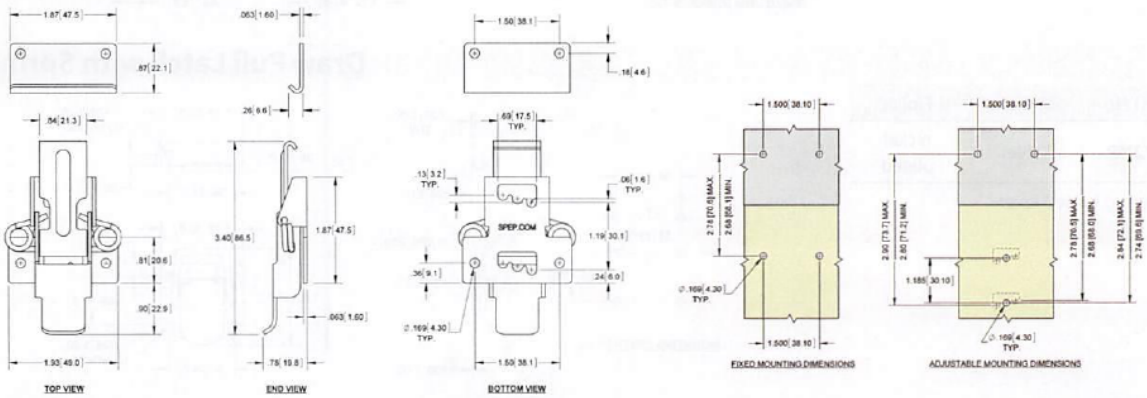
Part Number	Description	Material	Finish
214-02	latch	steel	zinc plated

- latch has reversed lever

Large Compression Pull Down Catch with Holes for Fixed or Adjustable Mounting



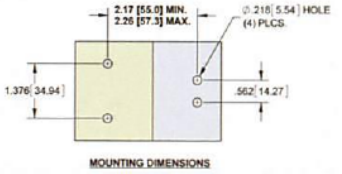
Part Number	Description	Material	Finish
2141ZN-L	latch	steel	zinc plated
2141SS-L	latch	304SS	passivated
2141ZN-K	keeper	steel	zinc plated
2141SS-K	keeper	304SS	passivated

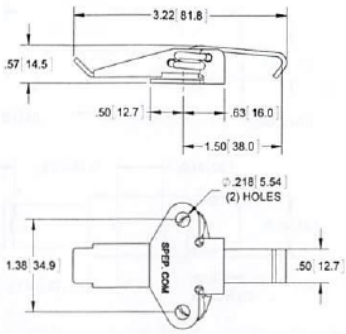


1.50" Spring Loaded Over Center Latches

Part Number	Description	Material	Finish
2142ZN-L	latch	steel	zinc plated
2142SS-L	latch	304SS	passivated

- latch and keeper surfaces must be on the same plane
- springs are to compensate for misalignment



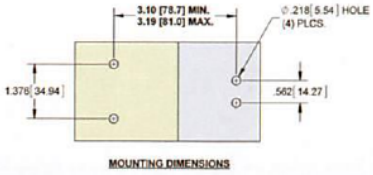


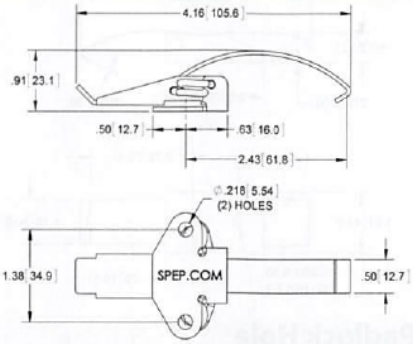


2.50" Spring Loaded Over Center Latch

Part Number	Description	Material	Finish
2144ZN-L	latch	steel	zinc plated

- latch and keeper surfaces must be on the same plane
- springs are to compensate for misalignment



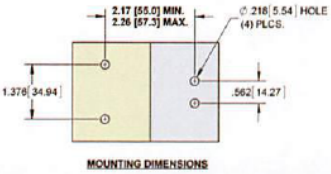


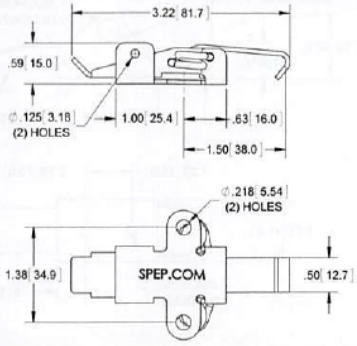


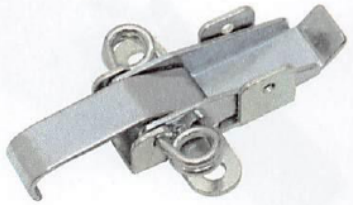
1.50" Wire Sealing Spring Loaded Over Center Latches

Part Number	Description	Material	Finish
2146ZN-L	latch	steel	zinc plated
2146SS-L	latch	304SS	passivated

- latch and keeper surfaces must be on the same plane
- springs are to compensate for misalignment



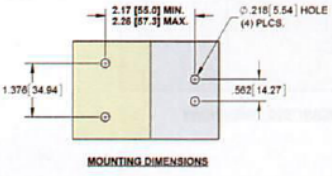


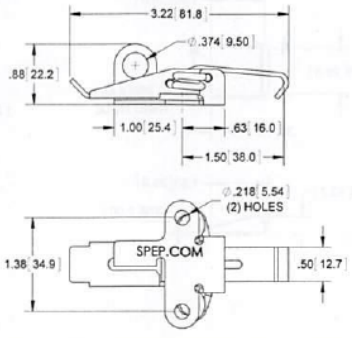


1.50" Padlocking Spring Loaded Over Center Latches

Part Number	Description	Material	Finish
2148ZN-L	latch	steel	zinc plated
2148SS-L	latch	304SS	passivated

- latch and keeper surfaces must be on the same plane
- springs are to compensate for misalignment



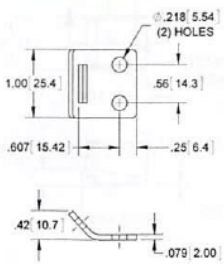




Keepers

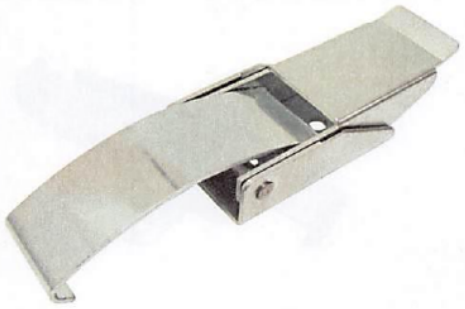
Part Number	Description	Material	Finish
2142ZN-K	keeper	steel	zinc plated
2142SS-K	keeper	304SS	passivated

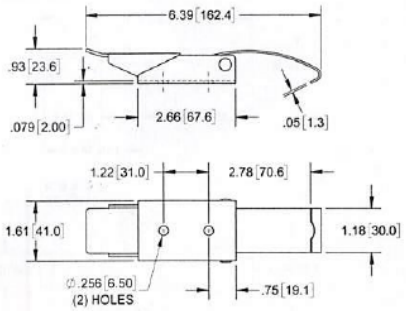
- used with latches on this page (sold separately)





Extra Large Over Center Latch with Tab Up Lever

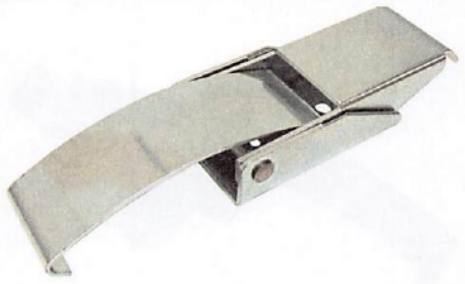


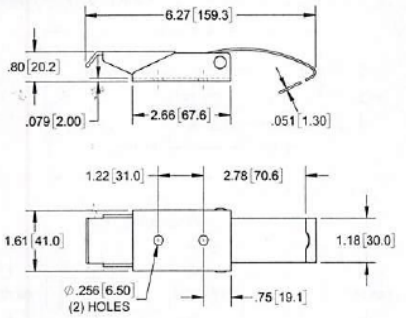


Part Number	Material	Finish
215-150ZN	steel	zinc plated

- latch and keeper surfaces must be on the same plane

Extra Large Over Center Latch with Tab Down Lever

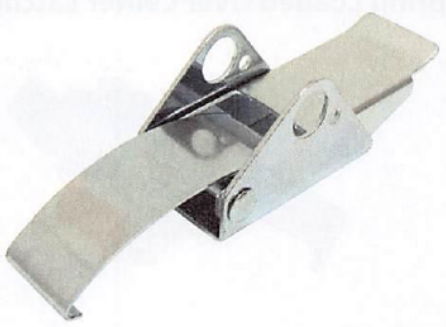


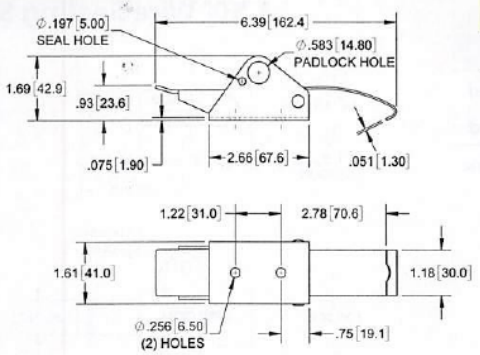


Part Number	Material	Finish
215-250ZN	steel	zinc plated

- latch and keeper surfaces must be on the same plane

Extra Large Over Center Latch with Padlock Hole

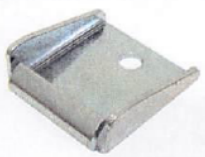


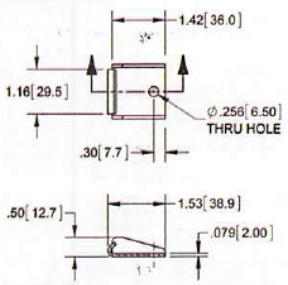


Part Number	Material	Finish
215-350ZN	steel	zinc plated

- latch and keeper surfaces must be on the same plane

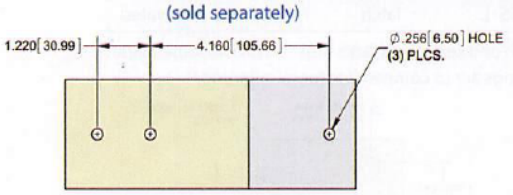
Extra Large Keeper with (1) Hole





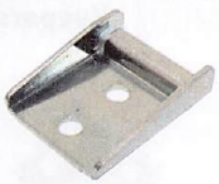
Part Number	Material	Finish
215-K33ZN	steel	zinc plated

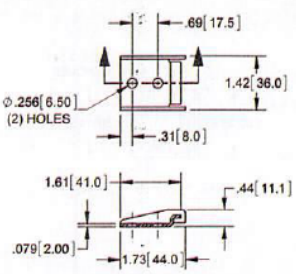
- for use with extra large latches on this page (sold separately)



MOUNTING DIMENSIONS

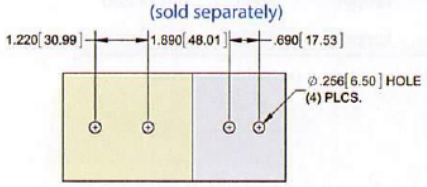
Extra Large Keeper with (2) Holes





Part Number	Material	Finish
215-K34ZN	steel	zinc plated

- for use with extra large latches on this page (sold separately)

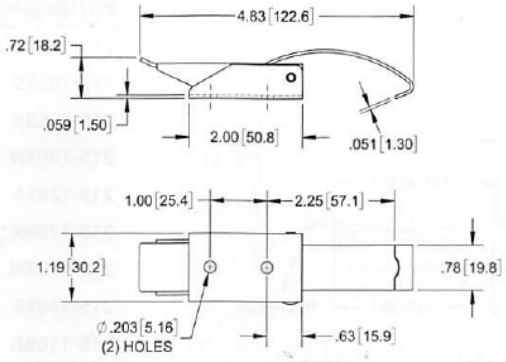


MOUNTING DIMENSIONS

Large Over Center Latches

Part Number	Material	Finish
215-140ZN	steel	zinc plated
215-140SS	304SS	electropolished
215-140BK	steel	black matte

- latch and keeper surfaces must be on the same plane

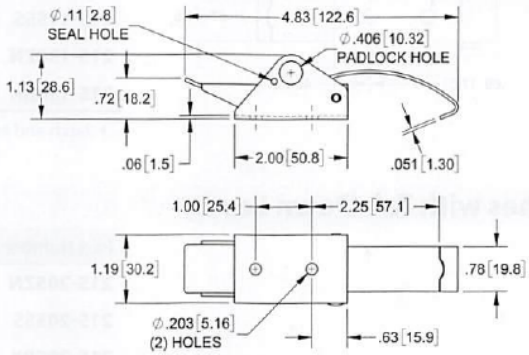




Large Over Center Latches with Padlock Hole

Part Number	Material	Finish
215-340ZN	steel	zinc plated
215-340SS	304SS	electropolished
215-340BK	steel	black matte

- latch and keeper surfaces must be on the same plane

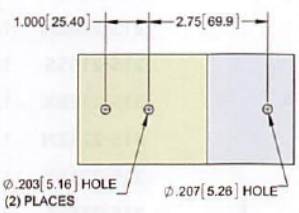




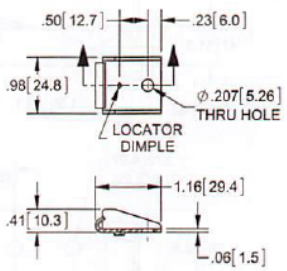
Keepers with (1) Hole and Locator Dimple

Part Number	Material	Finish
215-K21ZN	steel	zinc plated
215-K21SS	304SS	electropolished
215-K21BK	steel	black matte

- use with large latches on this pg. (sold separately)



MOUNTING DIMENSIONS

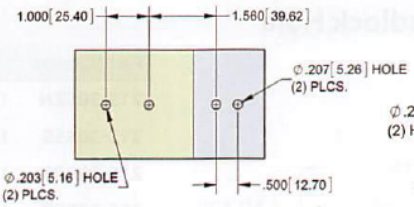




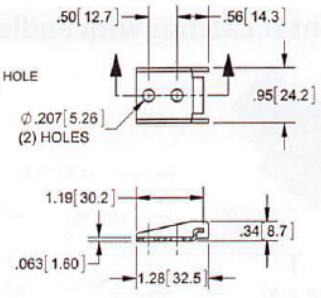
Keepers with (2) Holes

Part Number	Material	Finish
215-K24ZN	steel	zinc plated
215-K24SS	304SS	electropolished
215-K24BK	steel	black matte

- use with large latches on this pg. (sold separately)



MOUNTING DIMENSIONS

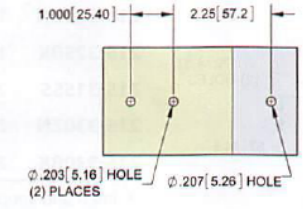




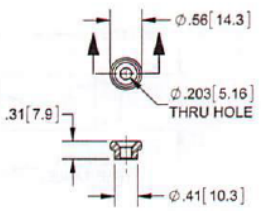
Button Keepers

Part Number	Material	Finish
215-K28ZN	steel	zinc plated
215-K28SS	304SS	electropolished
215-K28BK	steel	black matte

- use with large latches on this pg. (sold separately)

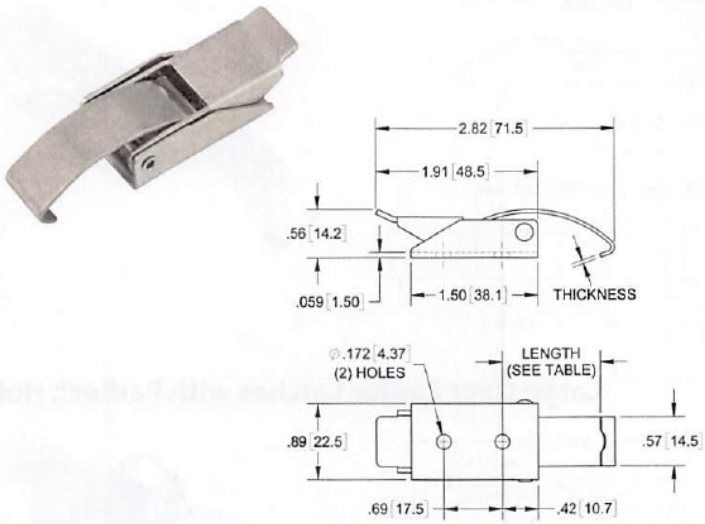


MOUNTING DIMENSIONS





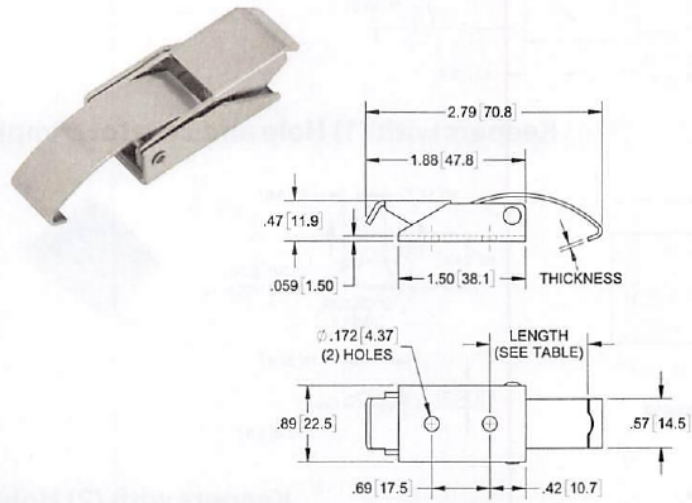
Medium Over Center Latches with Tab Up Lever



Part Number	Length	Thickness	Material	Finish
215-105ZN	1.16 [29.5]	.04 [1.0]	steel	zinc plated
215-105SS	1.16 [29.5]	.05 [1.3]	stainless steel	electropolished
215-105BK	1.16 [29.5]	.04 [1.0]	steel	black matte
215-120ZN	1.16 [29.5]	.06 [1.5]	steel	zinc plated
215-120SS	1.16 [29.5]	.06 [1.5]	stainless steel	electropolished
215-120BK	1.16 [29.5]	.06 [1.5]	steel	black matte
215-110ZN	1.66 [42.2]	.04 [1.0]	steel	zinc plated
215-110SS	1.66 [42.2]	.05 [1.3]	stainless steel	electropolished
215-110BK	1.66 [42.2]	.04 [1.0]	steel	black matte
215-125ZN	1.66 [42.2]	.06 [1.5]	steel	zinc plated
215-125BK	1.66 [42.2]	.06 [1.5]	steel	black matte
215-115SS	2.16 [54.9]	.05 [1.3]	stainless steel	electropolished
215-130ZN	2.16 [54.9]	.06 [1.5]	steel	zinc plated
215-130BK	2.16 [54.9]	.06 [1.5]	steel	black matte

▸ latch and keeper must be on the same plane

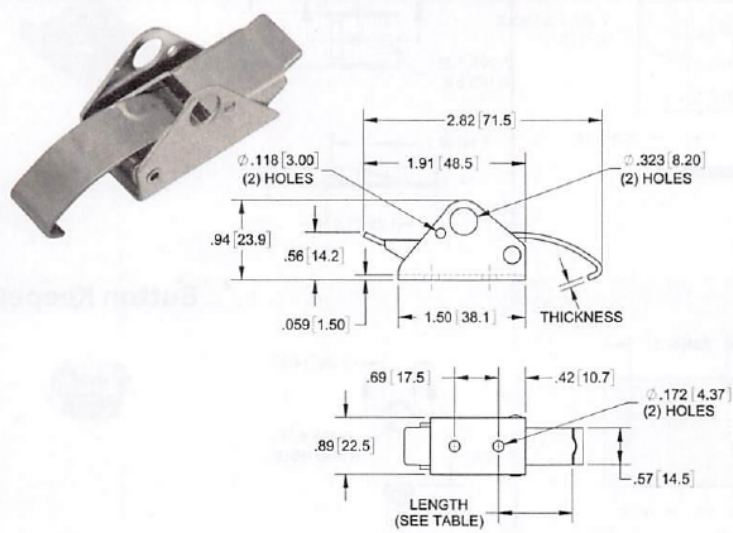
Medium Over Center Latches with Tab Down Lever



Part Number	Length	Thickness	Material	Finish
215-205ZN	1.16 [29.5]	.04 [1.0]	steel	zinc plated
215-205SS	1.16 [29.5]	.05 [1.3]	stainless steel	electropolished
215-205BK	1.16 [29.5]	.04 [1.0]	steel	black matte
215-220ZN	1.16 [29.5]	.06 [1.5]	steel	zinc plated
215-220BK	1.16 [29.5]	.06 [1.5]	steel	black matte
215-210ZN	1.66 [42.2]	.04 [1.0]	steel	zinc plated
215-210SS	1.66 [42.2]	.05 [1.3]	stainless steel	electropolished
215-210BK	1.66 [42.2]	.04 [1.0]	steel	black matte
215-225ZN	1.66 [42.2]	.06 [1.5]	steel	zinc plated
215-225BK	1.66 [42.2]	.06 [1.5]	steel	black matte
215-215SS	2.16 [54.9]	.05 [1.3]	stainless steel	electropolished
215-230ZN	2.16 [54.9]	.06 [1.5]	steel	zinc plated
215-230BK	2.16 [54.9]	.06 [1.5]	steel	black matte

▸ latch and keeper must be on the same plane

Medium Over Center Latches with Padlock Hole



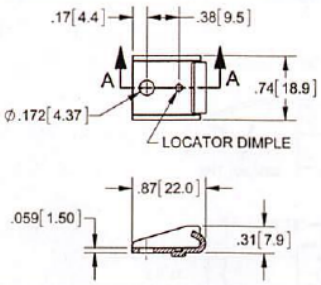
Part Number	Length	Thickness	Material	Finish
215-305ZN	1.16 [29.5]	.04 [1.0]	steel	zinc plated
215-305SS	1.16 [29.5]	.05 [1.3]	stainless steel	electropolished
215-305BK	1.16 [29.5]	.04 [1.0]	steel	black matte
215-320BK	1.16 [29.5]	.06 [1.5]	steel	black matte
215-320ZN	1.16 [29.5]	.06 [1.5]	steel	zinc plated
215-310ZN	1.66 [42.2]	.04 [1.0]	steel	zinc plated
215-310SS	1.66 [42.2]	.05 [1.3]	stainless steel	electropolished
215-310BK	1.66 [42.2]	.04 [1.0]	steel	black matte
215-325ZN	1.66 [42.2]	.06 [1.5]	steel	zinc plated
215-325BK	1.66 [42.2]	.06 [1.5]	steel	black matte
215-315SS	2.16 [54.9]	.05 [1.3]	stainless steel	electropolished
215-330ZN	2.16 [54.9]	.06 [1.5]	steel	zinc plated
215-330BK	2.16 [54.9]	.06 [1.5]	steel	black matte

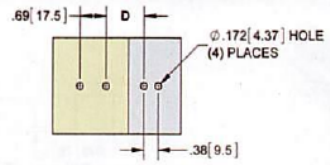
▸ latch and keeper must be on the same plane

Keepers with (1) Hole and Locating Dimple

Part Number	Material	Finish
215-K01ZN	steel	zinc plated
215-K01SS	304SS	electropolished
215-K01BK	steel	black matte

▸ used with medium latches on page 152 (sold separately)





MOUNTING DIMENSIONS

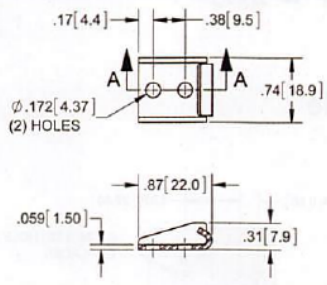
CATCH LENGTH	D
1.16 [29.5]	1.50 [38.1]
1.66 [42.2]	2.00 [50.8]
2.16 [54.9]	2.50 [63.5]

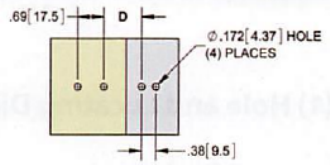


Keepers with (2) Holes

Part Number	Material	Finish
215-K02ZN	steel	zinc plated
215-K02SS	304SS	electropolished
215-K02BK	steel	black matte

▸ used with medium latches on page 152 (sold separately)





MOUNTING DIMENSIONS

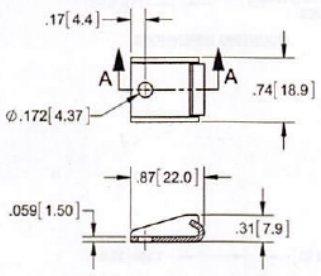
CATCH LENGTH	D
1.16 [29.5]	1.50 [38.1]
1.66 [42.2]	2.00 [50.8]
2.16 [54.9]	2.50 [63.5]

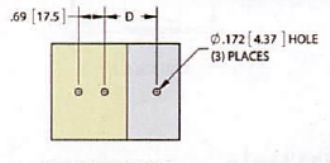


Keepers with (1) Hole

Part Number	Material	Finish
215-K03ZN	steel	zinc plated
215-K03SS	304SS	electropolished
215-K03BK	steel	black matte

▸ used with medium latches on page 152 (sold separately)





MOUNTING DIMENSIONS

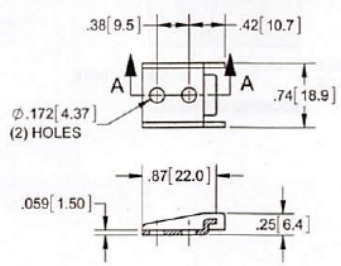
CATCH LENGTH	D
1.16 [29.5]	1.88 [47.6]
1.66 [42.2]	2.38 [60.3]
2.16 [54.9]	2.88 [73.0]

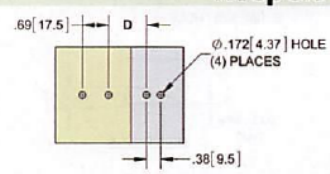


Keepers with (2) Holes

Part Number	Material	Finish
215-K04ZN	steel	zinc plated
215-K04SS	304SS	electropolished
215-K04BK	steel	black matte

▸ used with medium latches on page 152 (sold separately)





MOUNTING DIMENSIONS

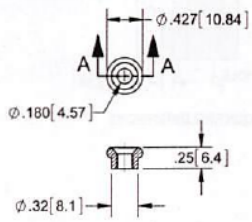
CATCH LENGTH	D
1.16 [29.5]	.63 [15.9]
1.66 [42.2]	1.13 [28.6]
2.16 [54.9]	1.63 [41.3]

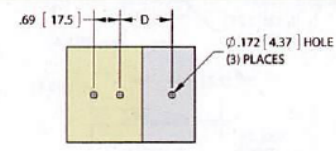


Button Keepers

Part Number	Material	Finish
215-K08ZN	steel	zinc plated
215-K08SS	304SS	electropolished
215-K08BK	steel	black matte

▸ used with medium latches on page 152 (sold separately)





MOUNTING DIMENSIONS

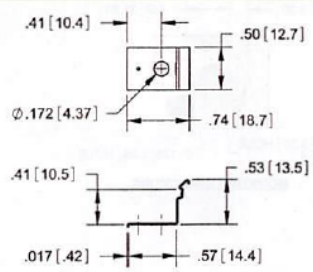
CATCH LENGTH	D
1.16 [29.5]	1.16 [29.4]
1.66 [42.2]	1.66 [42.1]
2.16 [54.9]	2.16 [54.8]

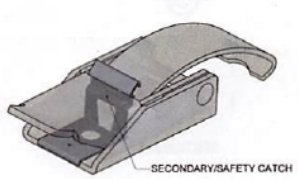


Secondary/Safety Latch

Part Number	Material	Finish
215-015ZN	spring steel	black e-coat
215-015SS	stainless steel	black e-coat

▸ used with medium latches on page 152 (sold separately)

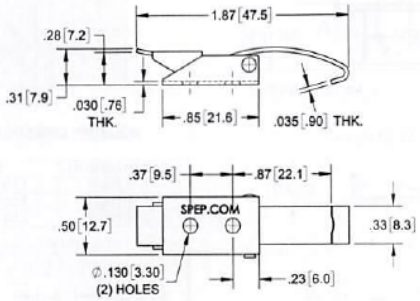






Small Over Center Latches



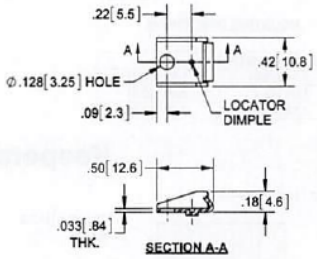


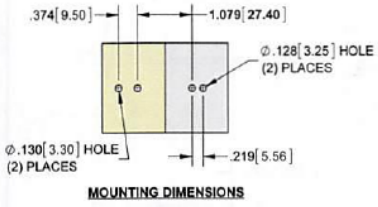
Part Number	Material	Finish
215-010ZN	steel	zinc plated
215-010SS	stainless steel	passivated

- latch and keeper surfaces must be on the same plane
- see below for keeper options

Keepers with (1) Hole and Locating Dimple





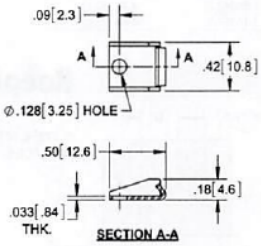


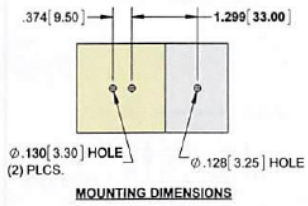
Part Number	Material	Finish
215-K10ZN	steel	zinc plated
215-K10SS	304SS	passivated

- used with small latches on this page (sold separately)

Keepers with (1) Hole





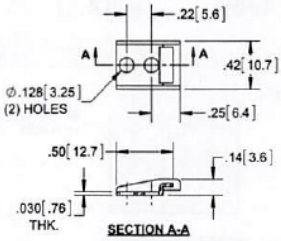


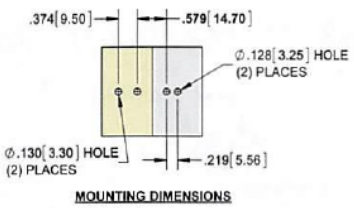
Part Number	Material	Finish
215-K13ZN	steel	zinc plated
215-K13SS	304SS	passivated

- used with small latches on this page (sold separately)

Keepers with (2) Holes





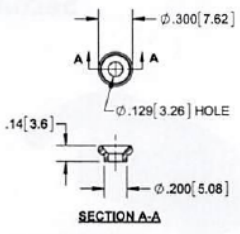


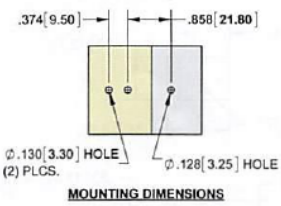
Part Number	Material	Finish
215-K14ZN	steel	zinc plated
215-K14SS	304SS	passivated

- used with small latches on this page (sold separately)

Button Keepers







Part Number	Material	Finish
215-K18ZN	steel	zinc plated
215-K18SS	304SS	passivated

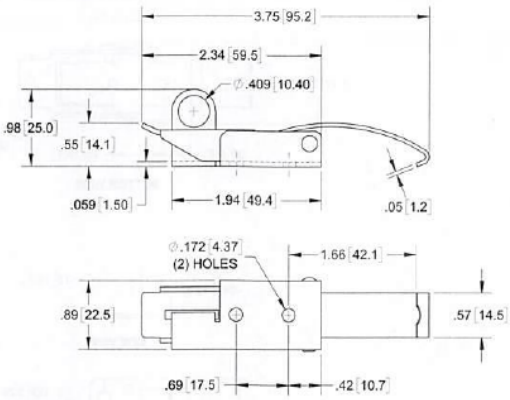
- used with small latches on this page (sold separately)

Padlockable Medium Over Center Latch

Part Number	Length	Thickness	Material	Finish
215-310SS05	1.66 [42.1]	.05 [1.3]	304SS	electropolished

- latch and keeper must be on the same plane
- see page 153 for keeper





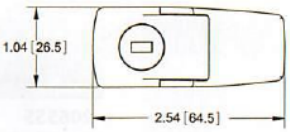
Small Over Center Latch

Small Locking Latch

Part Number	Finish
237-LK	satin chrome
237CH-LK	bright chrome
237BK-LK	black powder coated

- material: die cast zinc
- stainless steel components
- two ringed double bitted keys (code: K08)
- includes die cast zinc keeper
- includes dust shutter





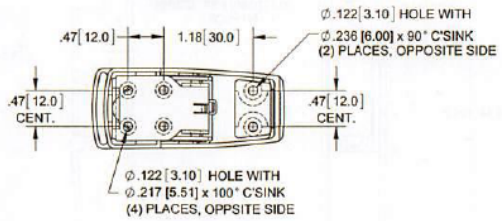
TOP VIEW



FRONT VIEW

Small Non-Locking Latch

Part Number	Finish
237	satin chrome
237CH	bright chrome
237BK	black powder coated



BOTTOM VIEW

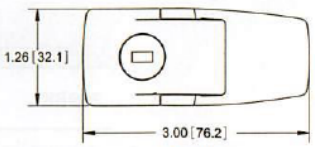
Large Over Center Latch

Large Locking Latch

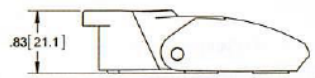
Part Number	Finish
238-LK	satin chrome
238CH-LK	bright chrome
238BK-LK	black powder coated

- material: die cast zinc
- stainless steel components
- two ringed double bitted keys (code: K08)
- includes die cast zinc keeper
- includes dust shutter





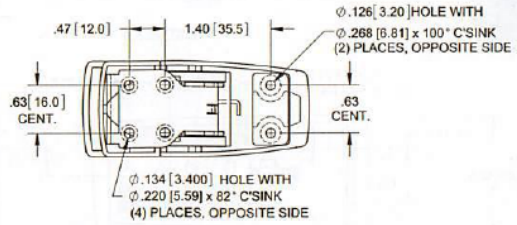
TOP VIEW



FRONT VIEW

Large Non-Locking Latch

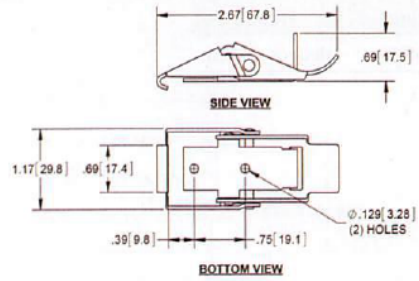
Part Number	Finish
238	satin chrome
238CH	bright chrome
238BK	black powder coated



BOTTOM VIEW

Over Center Latch with Padlock Eye



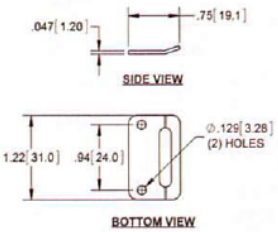


Latch

Part Number	Material	Finish
2189SS	304SS	electropolished

- .375" diameter padlock hole





Striker

Part Number	Material	Finish
2188SS01	304SS	electropolished

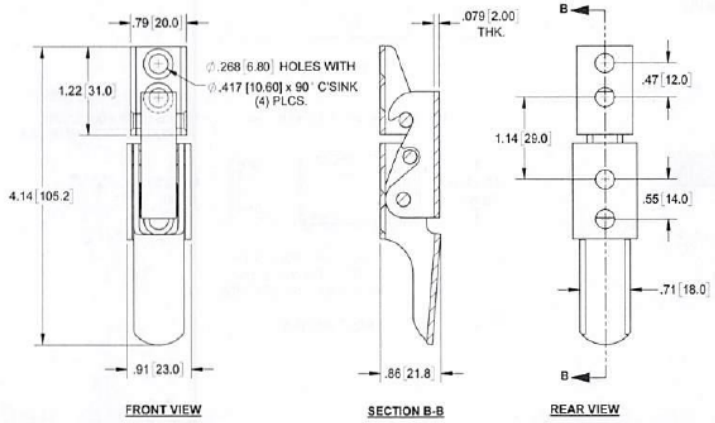
- accepts .125" rivet

Heavy Duty Draw Pull Latch



Part Number	Material	Finish
2065SS	304SS	mill

- working load: 154 lbs.

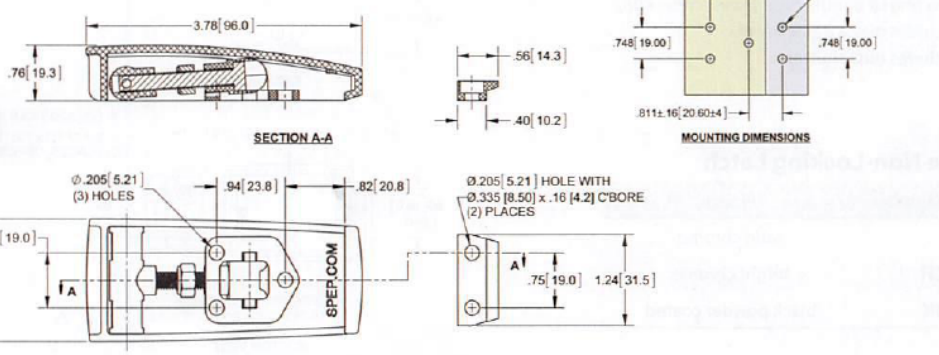


Adjustable Plastic Draw Latch



Part Number	Description	Material	Finish
239BK	latch and keeper	glass reinforced acetal	lightly textured black

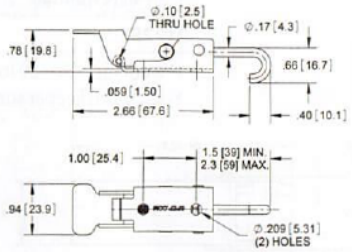
- concealed keeper



Small Adjustable Hook Over Center Latches

Part Number	Material	Finish	Grip
221ZN	steel	zinc plated	no
221SS	304SS	electropolished	no
221ZN1	steel	zinc plated	yes
221SS1	304SS	electropolished	yes

- yellow vinyl grip: .060 [1.52] thick, dimensions shown are without grip
- wire sealing feature

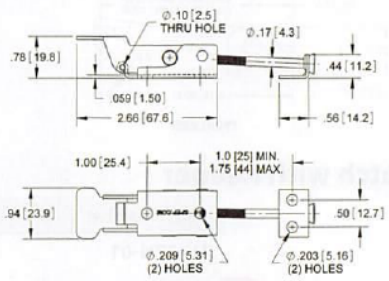




Small Adjustable Ball Over Center Latches with Standard Keeper

Part Number	Material	Finish	Grip
224ZN	steel	zinc plated	no
224SS	304SS	electropolished	no
224ZN1	steel	zinc plated	yes
224SS1	304SS	electropolished	yes

- yellow vinyl grip: .060 [1.52] thick, dimensions shown are without grip
- wire sealing feature

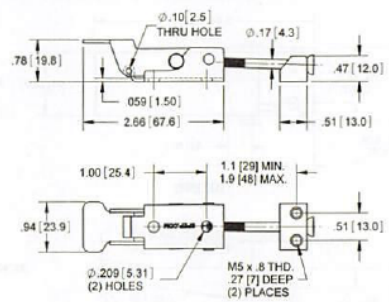




Small Adjustable Ball Over Center Latches with Cast Keeper

Part Number	Material	Finish	Grip
224ZNB	steel	zinc plated	no
224ZN1B	steel	zinc plated	yes

- yellow vinyl grip: .060 [1.52] thick, dimensions shown are without grip
- wire sealing feature

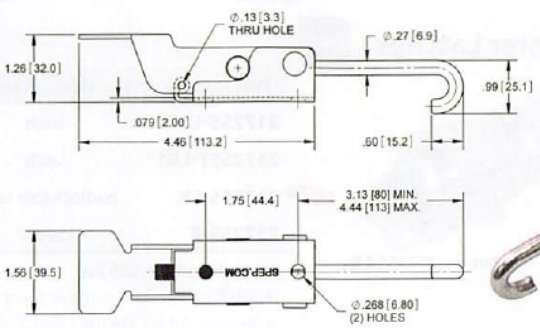




Medium Adjustable Hook Over Center Latches

Part Number	Material	Finish	Grip
222SS	304SS	electropolished	no
222ZN1	steel	zinc plated	yes
222SS1	304SS	electropolished	yes

- yellow vinyl grip: .060 [1.52] thick, dimensions shown are without grip
- wire sealing feature

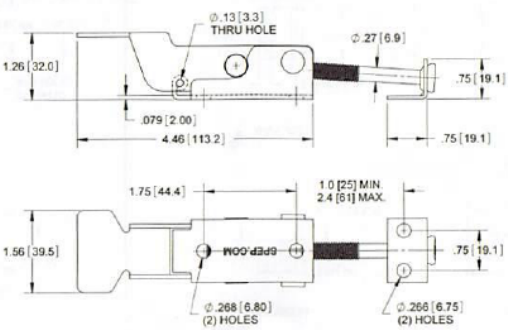




Medium Adjustable Ball Over Center Latches with Standard Keeper

Part Number	Material	Finish	Grip
234ZN	steel	zinc plated	no
234SS	304SS	electropolished	no
234ZN1	steel	zinc plated	yes
234SS1	304SS	electropolished	yes

- yellow vinyl grip: .060 [1.52] thick, dimensions shown are without grip
- wire sealing feature



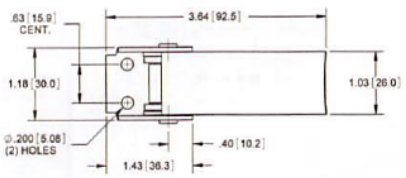


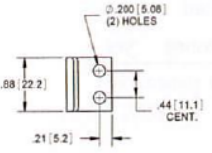
Medium Adjustable Under Center Latch with Keeper

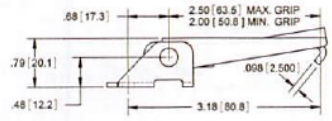


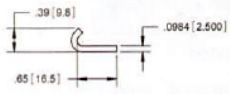
Part Number	Material	Finish
2172SS	300 series stainless steel	electropolished

- working load: 600 lbs.
- latch and keeper surfaces must be on the same plane







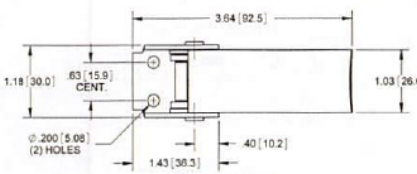


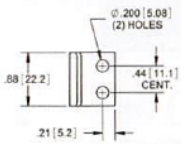
Medium Adjustable Under Center Latch with Keeper

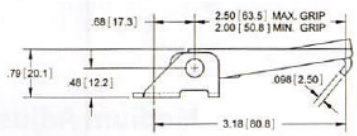


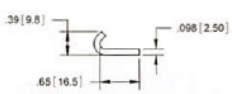
Part Number	Description	Material	Finish
2172ZN-01	latch & keeper	steel	zinc plated
NEW 2172ZN-K	keeper	steel	zinc plated

- working load: 500 lbs.
- latch and keeper surfaces must be on the same plane









Medium Adjustable Under Center Latches 316SS

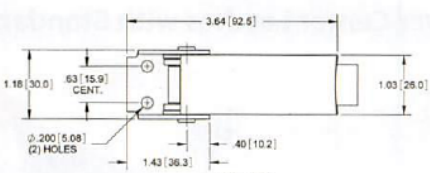


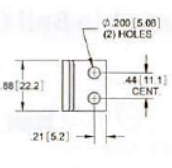
Part No. **2172SS-LK**

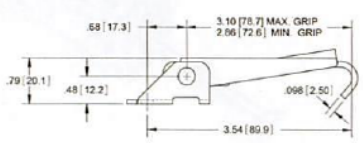
Part Number	Description	Material	Finish
2172SS-L01	latch	300 series stainless steel	electropolished
2172SST-L01	latch	316SS	electropolished
NEW 2172SS-LK	padlockable latch	300 series stainless steel	electropolished
2172SS-K	keeper	304SS	electropolished

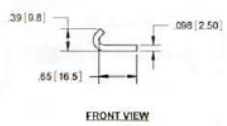
- working load: 600 lbs.
- latch and keeper surfaces must be on the same plane
- keeper details are the same as part number **2172SS** shown above

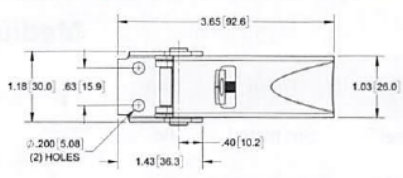


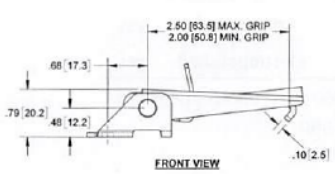












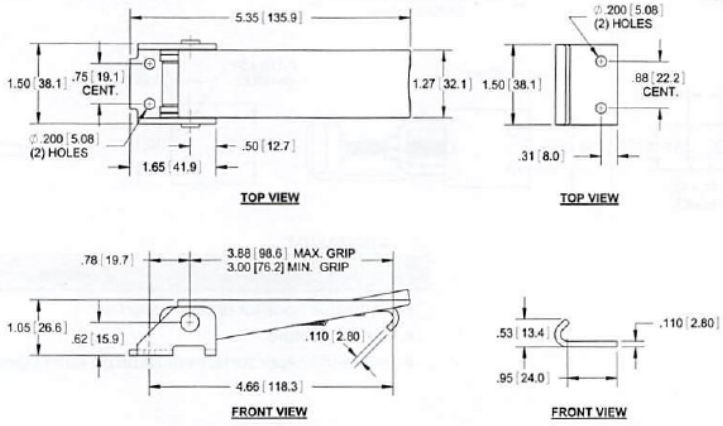
P/N 2172SS-LK

Large Adjustable Under Center Latch with Keeper

Part Number	Material	Finish
2173ZN	steel	zinc plated

- keeper is stainless steel
- working load: 1,000 lbs.
- latch and keeper surfaces must be on the same plane



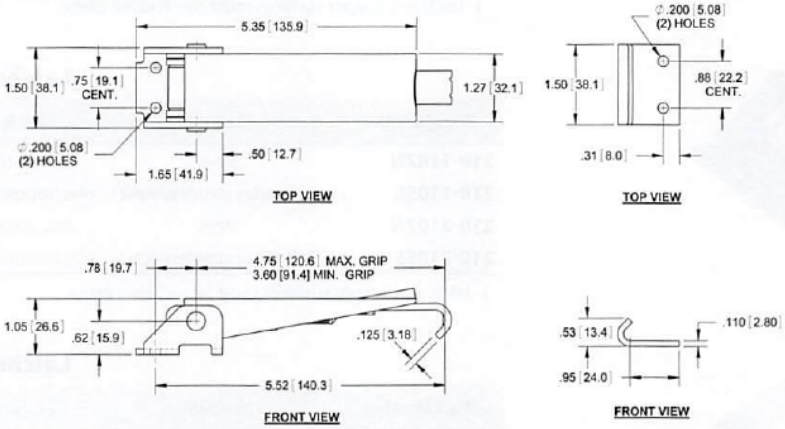


Large Adjustable Under Center Latches

Part Number	Description	Material	Finish
2173SS-L01	latch	300 series stainless steel	electropolished
2173SS-K	keeper	304SS	mill

- working load: 1,000 lbs.
- latch and keeper surfaces must be on the same plane
- keeper details are the same as part number **2173ZN** shown above



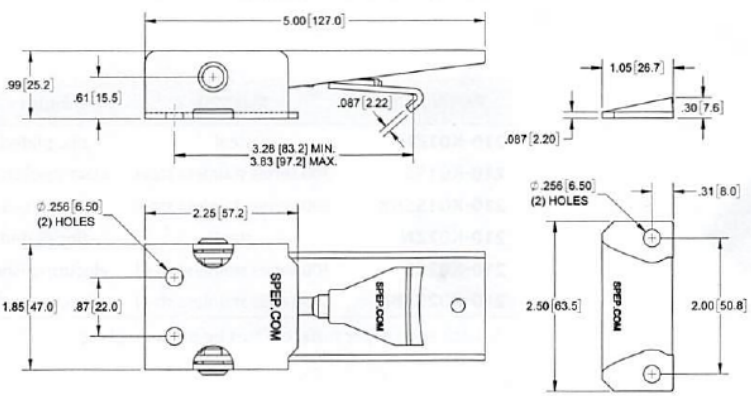


Adjustable Under Center Latches

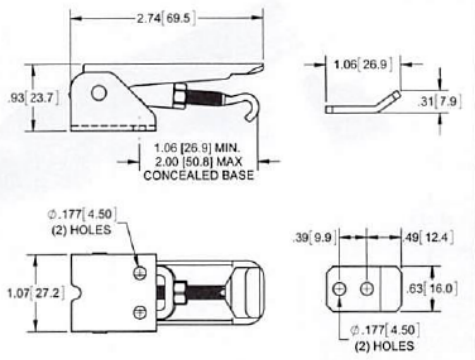
Part No.	Description	Material	Finish
2075ZN-L	latch	steel	yellow zinc plated
2075ZN-S	striker	steel	yellow zinc plated

- working load: 1500lbs.

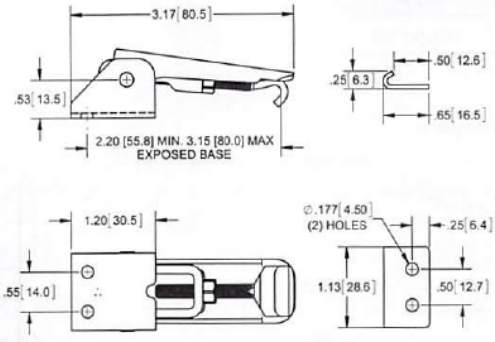




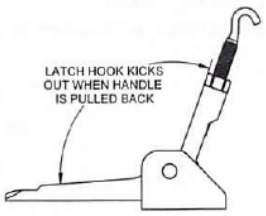
Adjustable Under Center Latches with Kick-out



CONCEALED STYLE



EXPOSED STYLE



KICKOUT FEATURE

Features

- adjustable hook for different reaches
- kick-out feature
- latch and keeper surfaces must be on same plane









concealed



exposed

Standard Latches

Part Number	Material	Finish	Base Style	Working Load
210-100ZN	steel	zinc plated	concealed	400 lbs
210-100SS	300 series stainless steel	electropolished	concealed	450 lbs
210-100SSBK	300 series stainless steel	black e-coat	concealed	450 lbs
210-200ZN	steel	zinc plated	exposed	400 lbs
210-200SS	stainless steel	electropolished	exposed	450 lbs
210-200SSBK	stainless steel	black e-coat	exposed	450 lbs

- latch and keeper surfaces must be on same plane

Latches with Secondary Catch

Part Number	Material	Finish	Base Style	Working Load
210-110ZN	steel	zinc plated	concealed	400 lbs
210-110SS	300 series stainless steel	electropolished	concealed	450 lbs
210-210ZN	steel	zinc plated	exposed	400 lbs
210-210SS	300 series stainless steel	electropolished	exposed	450 lbs

- latch and keeper surfaces must be on same plane

Latches with Padlocking Hasp

Part Number	Material	Finish	Base Style	Working Load
210-120ZN	steel	zinc plated	concealed	400 lbs
210-120SS	300 series stainless steel	electropolished	concealed	450 lbs
210-220ZN	steel	zinc plated	exposed	400 lbs
210-220SS	300 series stainless steel	electropolished	exposed	450 lbs

- latch and keeper surfaces must be on same plane
- accepts up to 5/16" padlock

Latch Keepers

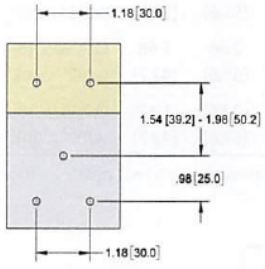
Part Number	Material	Finish	Base Style	Working Load
210-K01ZN	steel	zinc plated	concealed	300 lbs
210-K01SS	300 series stainless steel	electropolished	concealed	350 lbs
210-K01SSBK	300 series stainless steel	black e-coat	concealed	350 lbs
210-K02ZN	steel	zinc plated	exposed	350 lbs
210-K02SS	300 series stainless steel	electropolished	exposed	350 lbs
210-K02SSBK	300 series stainless steel	black e-coat	exposed	350 lbs

- latch and keeper surfaces must be on same plane

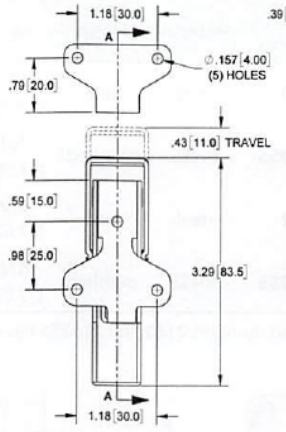
Adjustable Draw Pull Latch

Part Number	Material	Finish
2066ZN	steel	zinc plated

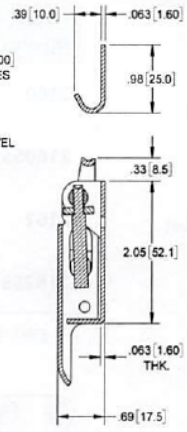
- max working load: 27 lbs.
- catch distance may be adjusted with a screwdriver



MOUNTING DIMENSIONS



BOTTOM VIEW



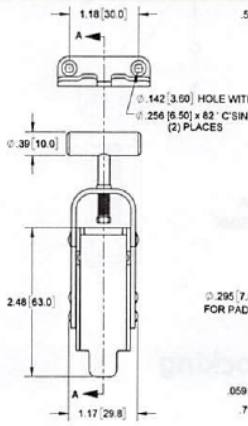
SECTION A-A

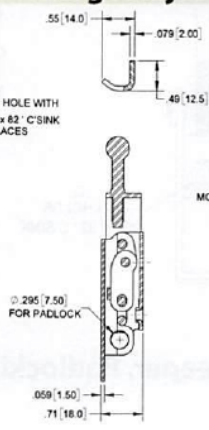


Large Adjustable Draw Pull Latch, Padlockable

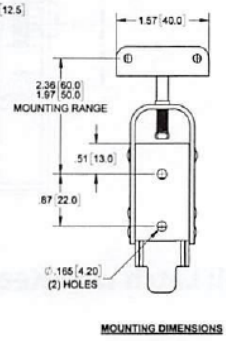
Part Number	Material	Finish
2068SS-01	304SS	barrel polished

- accepts up to 1/4" padlock





SECTION A-A

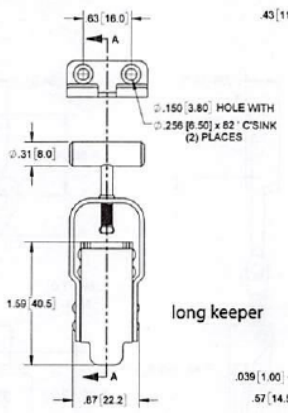


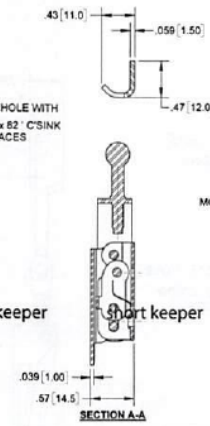
MOUNTING DIMENSIONS



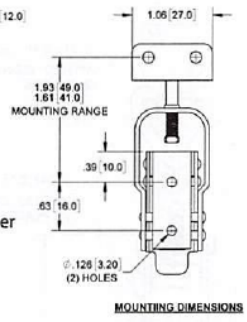
Small Adjustable Draw Pull Latch

Part Number	Material	Finish
2068SS-02	304SS	barrel polished





SECTION A-A



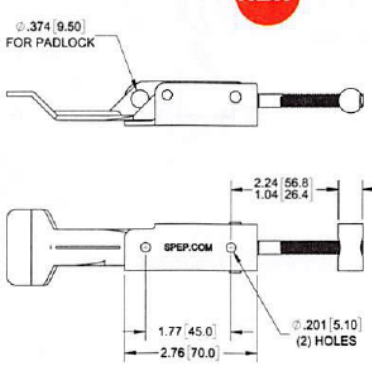
MOUNTIING DIMENSIONS

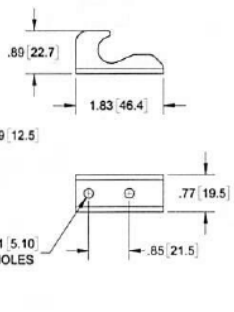


NEW Adjustable, Padlockable Draw Pull Latch

Part Number	Material	Finish
2076ZN-L	steel	zinc plated
2076ZN-K	steel	zinc plated

- working load: 1100 LBS
- ultimate load: 2200 LBS







Adjustable Draw Pull Latch with Keeper



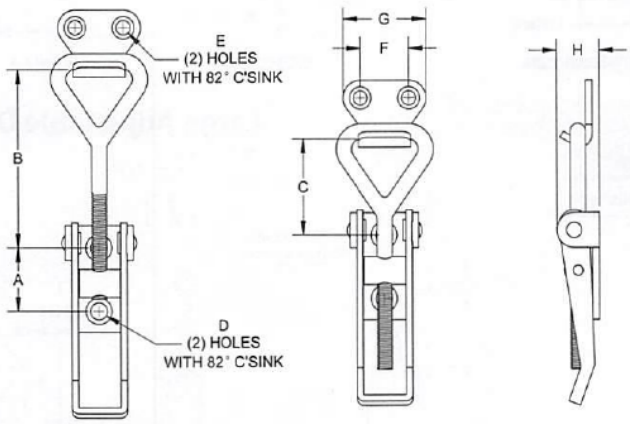
2160 & **2160SS**
welded



2162 & **2162SS**
riveted

Part Number	Material	Finish	A	B	C	D	E	F	G	H
2160	steel	zinc	.708 [17.98]	2.03 [51.6]	1.04 [26.4]	Ø.191 [4.85] w/82° c'sink	Ø.162 [4.11] w/82° c'sink	.550 [13.97]	.94 [23.88]	.55 [14.0]
2160SS	304SS	polished	.708 [17.98]	2.03 [51.6]	.84 [21.3]	Ø.195 [4.95] w/82° c'sink	Ø.156 [3.96] w/82° c'sink	.550 [13.97]	.94 [23.88]	.55 [14.0]
2162	steel	zinc	.672 [17.07]	2.66 [67.6]	1.68 [42.7]	Ø.208 [5.28] w/82° c'sink	Ø.208 [5.28] w/82° c'sink	.688 [17.48]	1.19 [30.23]	.66 [16.7]
2162SS	304SS	polished	.672 [17.07]	2.66 [67.6]	1.68 [42.7]	Ø.208 [5.28] w/82° c'sink	Ø.208 [5.28] w/82° c'sink	.688 [17.48]	1.19 [30.23]	.66 [16.7]

▸ part numbers **2162** and **2162SS** have a riveted catch that pivots as shown on the picture

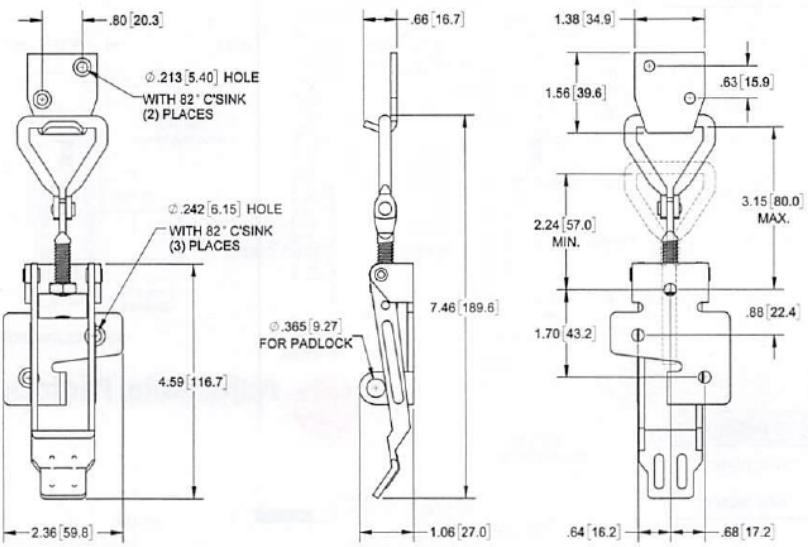


Adjustable Draw Pull Latch with Keeper, Padlocking



Part Number	Material	Finish
2168	steel	zinc
2168SS	304SS	mill

▸ accepts up to 5/16" padlock

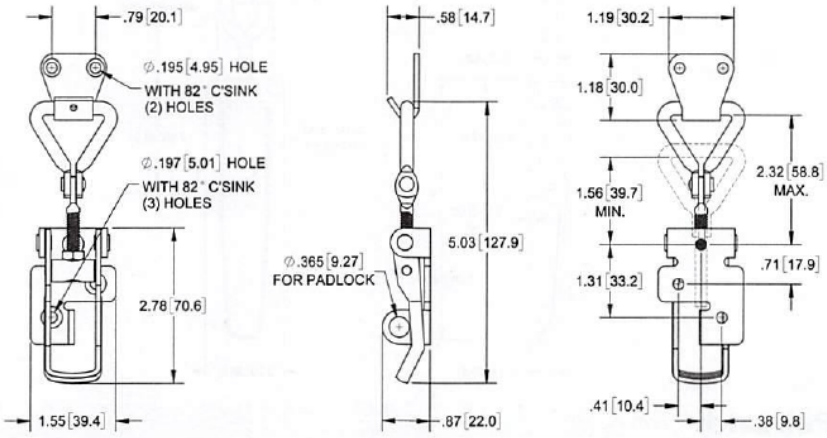


Adjustable Draw Pull Latch with Keeper, Padlocking

Part Number	Material	Finish
2167	steel	zinc
2167SS	304SS	electropolished
2167SST	316SS	electropolished

- accepts up to 5/16" padlock





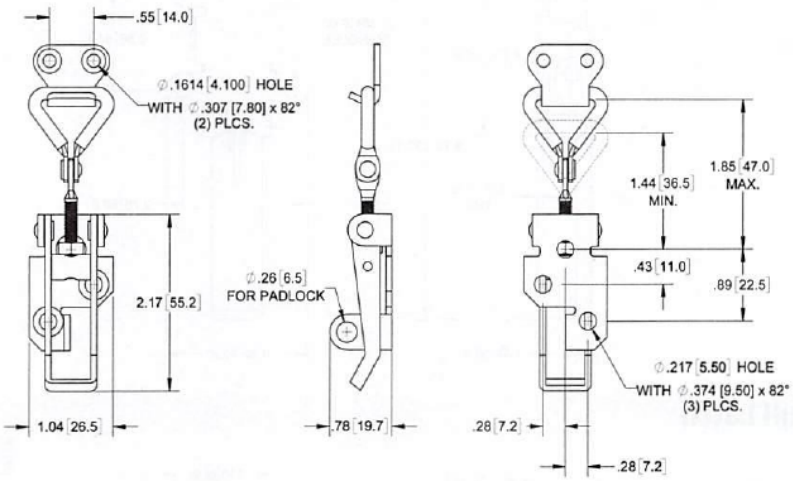
NEW

Adjustable Draw Pull Latch with Keeper, Padlocking

Part Number	Material	Finish
2160SS-LK	304SS	electropolished

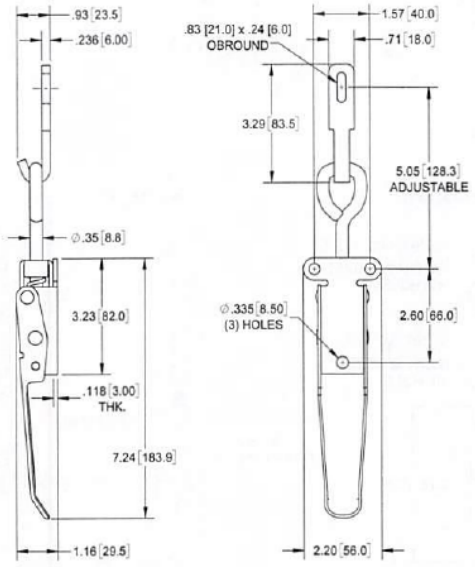
- accepts up to 1/4" padlock
- has a riveted catch that pivots





Adjustable Spring Loaded Draw Pull Latch

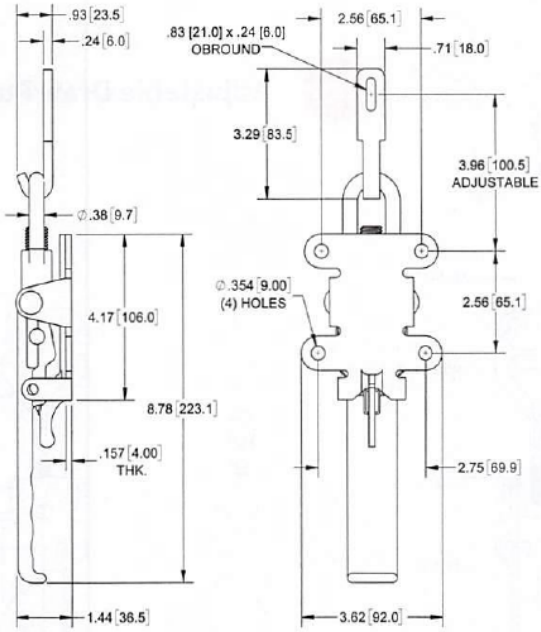




Part Number	Material	Finish
2135ZN	steel	zinc plated

Adjustable Draw Pull Latch



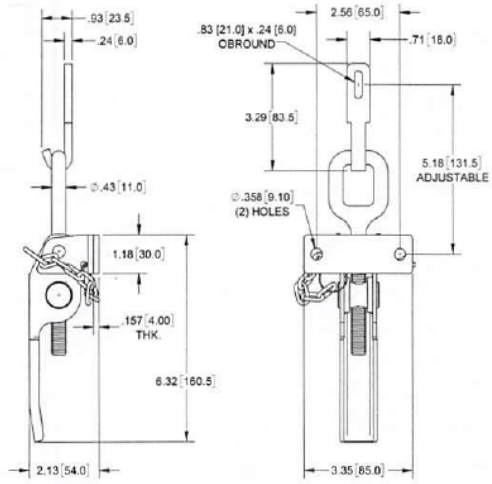


Part Number	Material	Finish
2138ZN	steel	zinc plated

- features a secondary spring-loaded latch for added security

Adjustable Draw Pull Latch





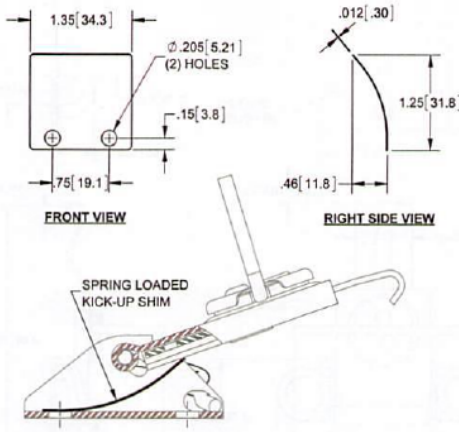
Part Number	Material	Finish
2137ZN	steel	zinc plated

- features a chained cotter pin for added security

Kick-up Shim for Large Twist Latches

Part Number	Material	Finish
209511SS	301SS	passivated

- mounts on latch base to create a spring loaded effect on the catch for a one handed operation

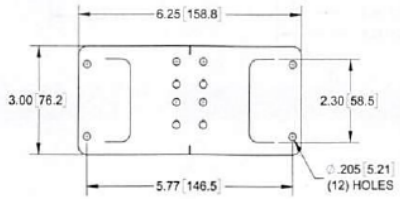


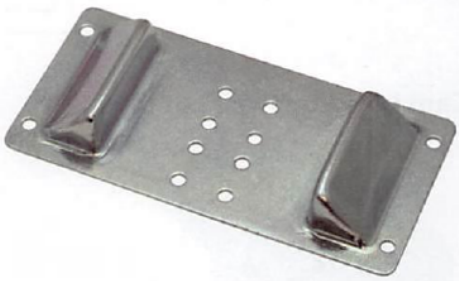


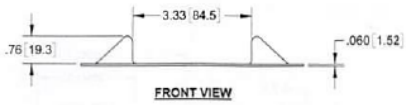
Protector Plates for Large Twist Latches

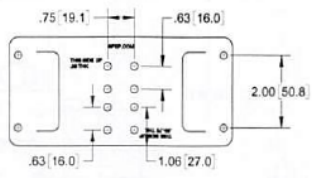
Part Number	Material	Finish
209BP	steel	zinc plated
209BPSS	304SS	electropolished

- protects latch from getting damaged, accidentally unlatching, or getting hooked on something during transportation
- multiple mounting holes for greater adjustment options
- large twist latches can be ordered installed on protector plates





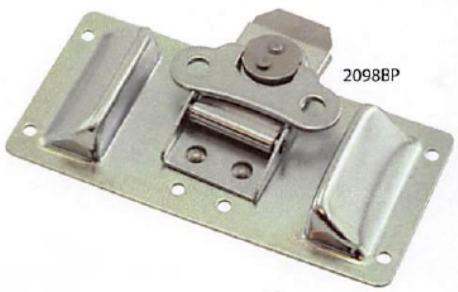


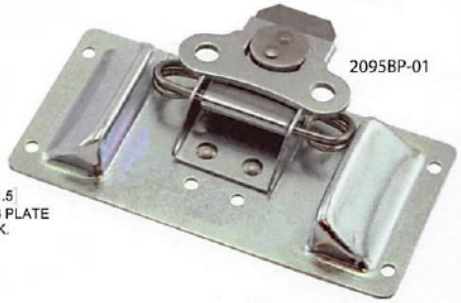


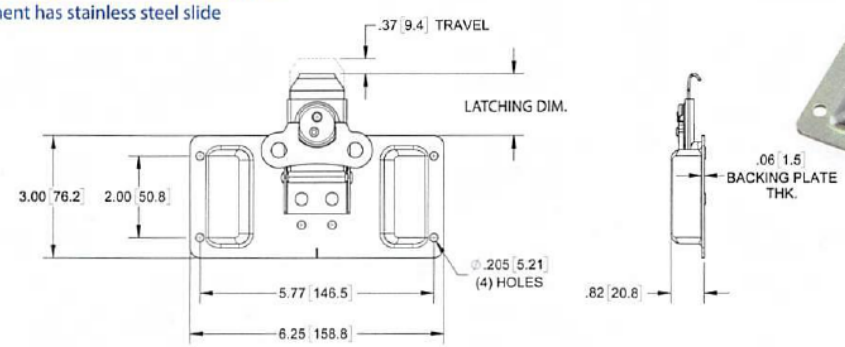
Large Twist Latch and Protector Plate Assemblies

Part Number	Material	Finish	Latching Dim.	Recommended Panel Thickness
2095BP	steel	zinc plated	1.18 [30.0]	3/8"
2098BP	steel	zinc plated	1.13 [28.8]	3/8"
209805BP	steel	zinc plated	1.13 [28.8]	3/8"
2095BP-01	steel	zinc plated	1.56 [39.6]	1/2" - 3/4"
2098BP-01	steel	zinc plated	1.56 [39.6]	1/2" - 3/4"
209805BP-01	steel	zinc plated	1.56 [39.6]	1/2" - 3/4"

- assembly includes one latch (**2095** or **2098**) and one **209BP** steel protector plate riveted with stainless steel rivets
- latch component has stainless steel slide

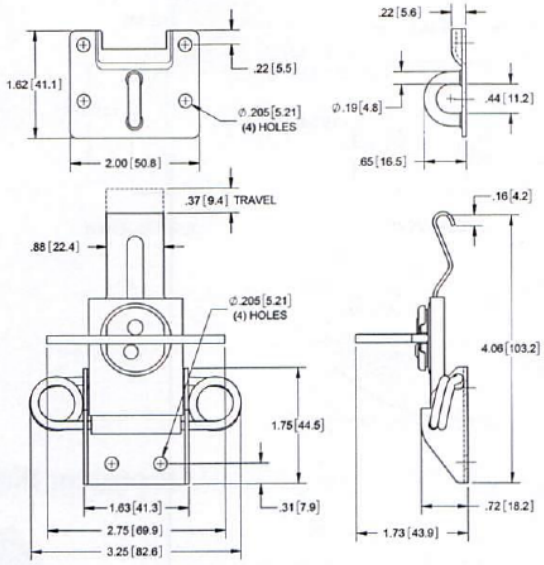






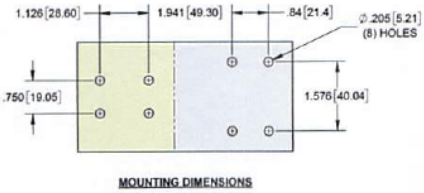
Large Spring Loaded Twist Latch with Padlocking Keeper





Part Number	Description	Material	Finish
209501SS	latch and keeper	300 series stainless steel	tumbled

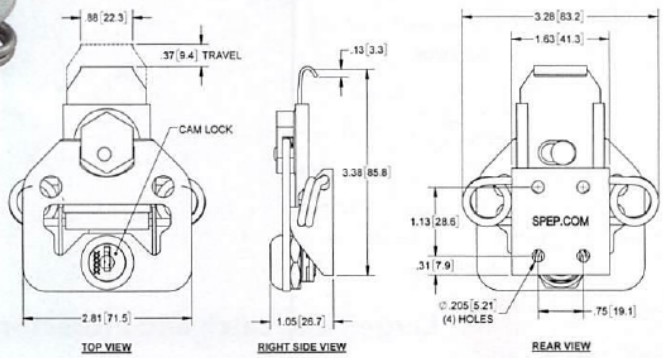
- the spring compensates for up to .16 [4.0] misalignment



MOUNTING DIMENSIONS

Cam Locking Twist Latch

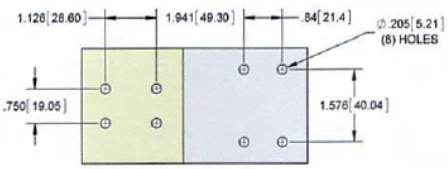




TOP VIEW | RIGHT SIDE VIEW | REAR VIEW

Part Number	Material	Finish
208907	steel	blue zinc plated

- stainless steel slide catch springs
- keyed different
- can be used with part no. **2096** keeper

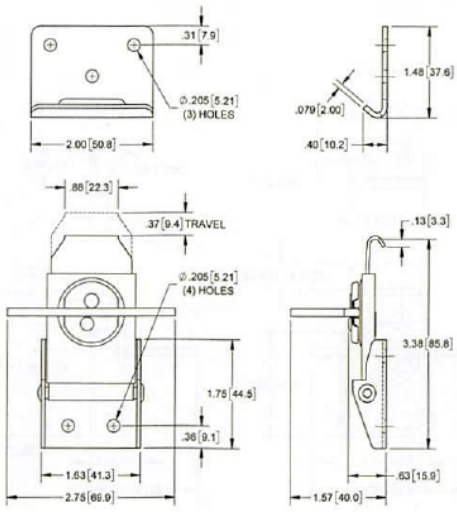


MOUNTING DIMENSIONS

Large Twist Latches

Part Number	Description	Material	Finish
2098	latch	steel*	zinc plated
2098SS	latch	300 series stainless steel	tumbled
2096	2" wide keeper	steel	zinc plated
209601	3" wide keeper	steel	zinc plated
2096SS	2" wide keeper	304SS	tumbled
2099	polybagged	steel*	zinc plated & tumbled

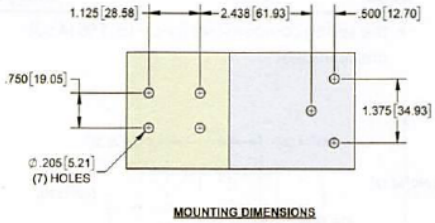
- working load: 200 lbs.
- *latch is made of steel with a stainless steel slide
- polybagged part number **2099** contains one **2098** latch and one **2096** keeper per sealed polybag.
- see illustration below for mounting hole details



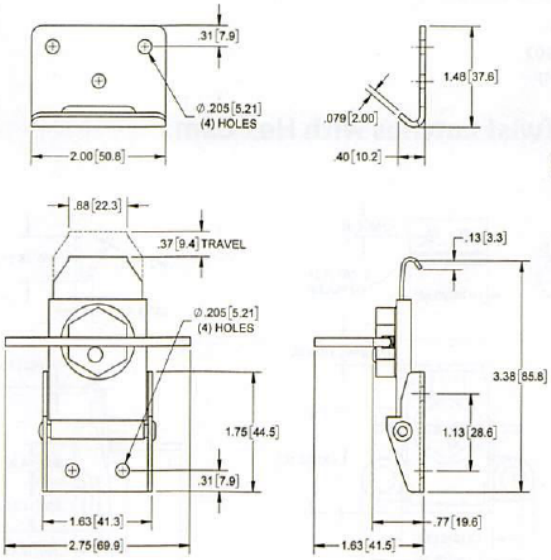


Large Twist Latch with Hex Cam

Part Number	Description	Material	Finish
209805	latch	steel	zinc plated
2096	keeper	steel	zinc plated



MOUNTING DIMENSIONS

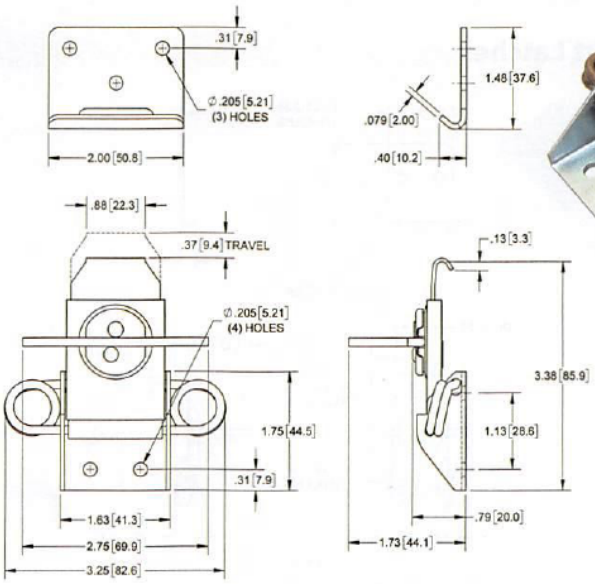


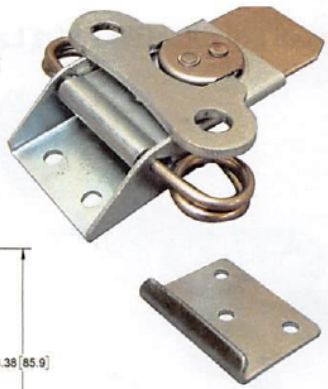


Large Spring Loaded Twist Latches

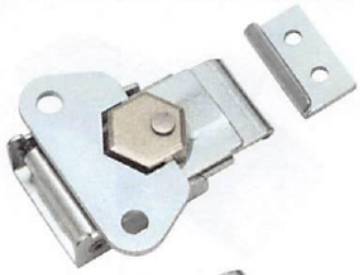
Part Number	Description	Material	Finish
2095	latch	steel*	zinc plated
2095SS	latch	300 series stainless steel	tumbled
2096	keeper	steel	zinc plated
2096SS	keeper	304SS	tumbled
2097	polybagged	steel	zinc plated
2097SS	polybagged	304SS	tumbled

- see illustration above for mounting hole details
- the spring compensates for up to .16 [4.0] misalignment
- *part number **2095** is steel with stainless slide
- part number **2097** contains one **2095** latch and one **2096** keeper per sealed polybag
- part number **2097SS** contains one **2095SS** latch and one **2096SS** keeper per sealed polybag





Medium Twist Latches with Hex Cam

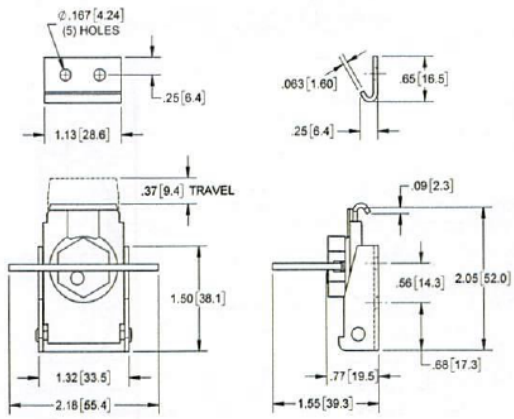




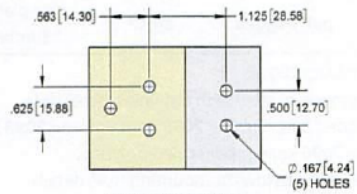
Part No. **208902***
same as part no. **2089**
except without twist wing



Part No. **208903****
same as part no. **208902**
except slotted hex cap

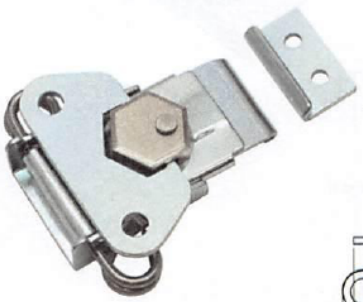


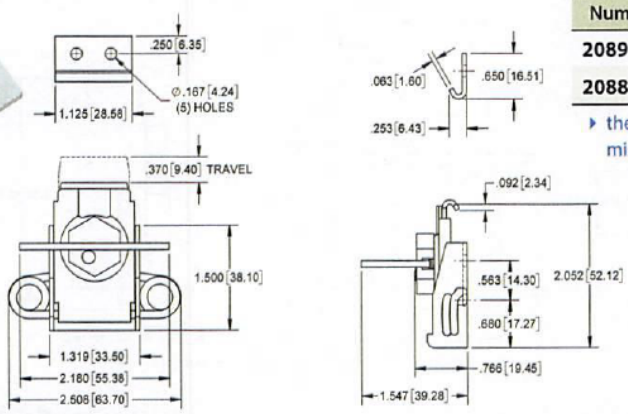
Part Number	Description	Material	Finish
2089	latch	steel	zinc plated
2089BK01	latch	steel	black powder coated
208902*	latch	steel	zinc plated
208903**	latch	steel	zinc plated
2088	keeper	steel	zinc plated
2088BK	keeper	steel	black powder coated



MOUNTING DIMENSIONS

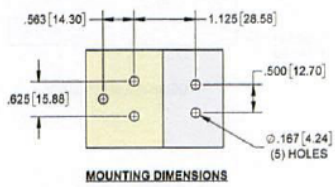
Medium Spring Loaded Twist Latches with Hex Cam





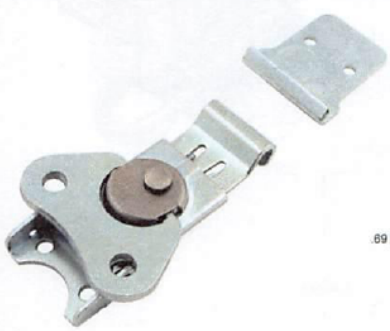
Part Number	Description	Material	Finish
208905	latch	steel	zinc plated
2088	keeper	steel	zinc plated

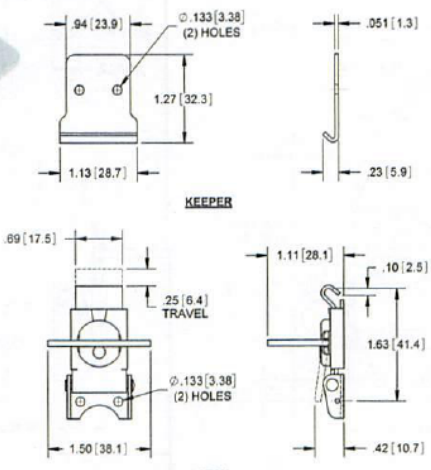
- the spring compensates for up to .156 [4.00] misalignment



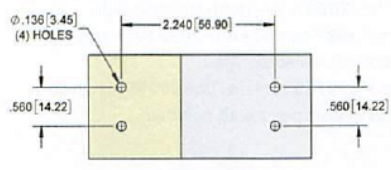
MOUNTING DIMENSIONS

Small Low Profile Twist Latches





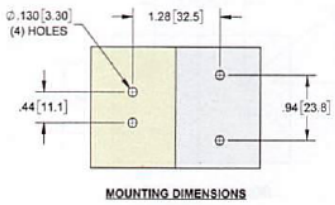
Part Number	Description	Material	Finish
2085	latch	steel	zinc plated
2085SS	latch	300 series stainless steel	tumbled
2086	keeper	steel	zinc plated
2086SS	keeper	304SS	tumbled
2086BK	keeper	steel	black e-coat



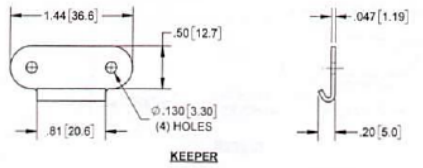
MOUNTING DIMENSIONS

Small Twist Latches

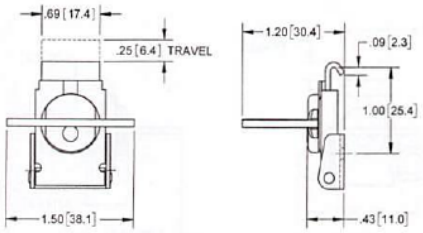
Part Number	Description	Material	Finish
209102	latch	steel	zinc plated
209103	keeper	steel	zinc plated
209102SS	latch	300 series stainless steel	tumbled
209103SS	keeper	304SS	tumbled



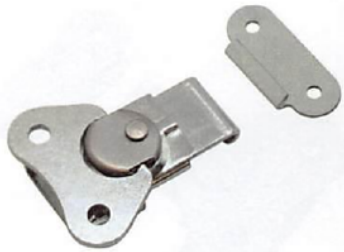
MOUNTING DIMENSIONS



KEEPER



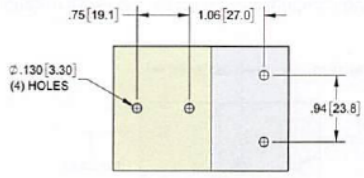
LATCH



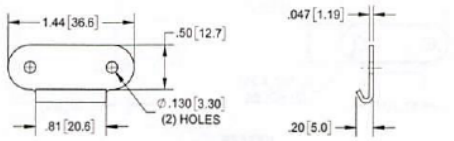
Small Twist Latches with Tri-shaped Base

Part Number	Description	Material	Finish
2094	latch	steel	zinc plated
209103	keeper	steel	zinc plated
2094SS	latch	300 series stainless steel	tumbled
209103SS	keeper	304SS	tumbled
209402	polybagged	steel	zinc plated

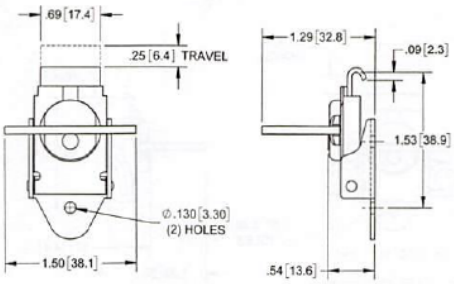
- polybagged part number contains one latch and one keeper per sealed bag



MOUNTING DIMENSIONS



KEEPER

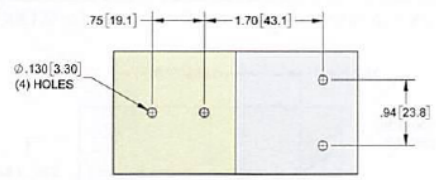


LATCH

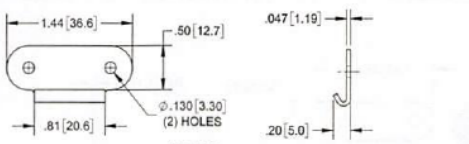


Small Twist Latches with Tri-shaped Base and Long Slide

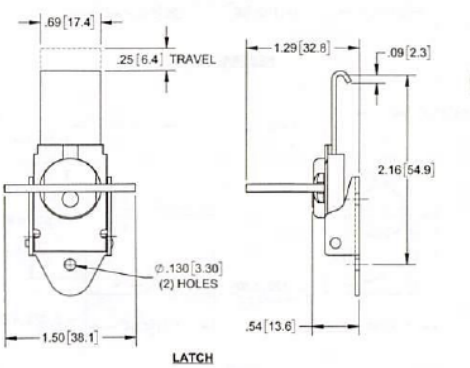
Part Number	Description	Material	Finish
209410	latch	steel	zinc plated
209103	keeper	steel	zinc plated
209410SS	latch	300 series stainless steel	tumbled
209103SS	keeper	304SS	tumbled



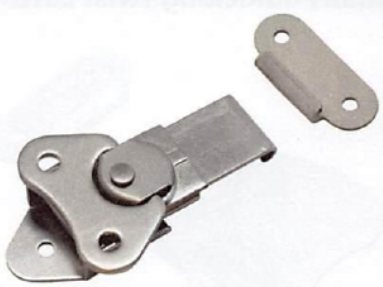
MOUNTING DIMENSIONS



KEEPER

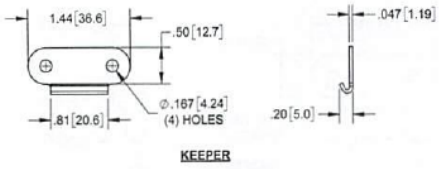


LATCH

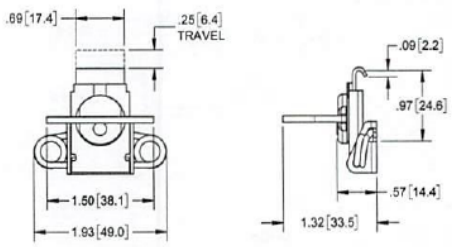


Small Spring Loaded Twist Latches





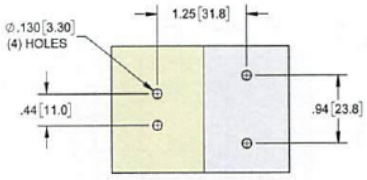
KEEPER



LATCH

Part Number	Description	Material	Finish
2093	latch	steel	zinc plated
209103	keeper	steel	zinc plated
209302	polybagged	steel	zinc plated

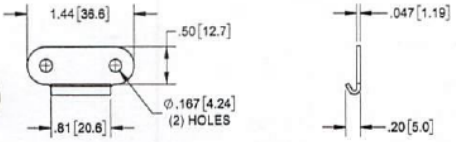
- polybagged part number contains one latch and one keeper per sealed polybag.
- the spring compensates for up to .156 [4.00] misalignment



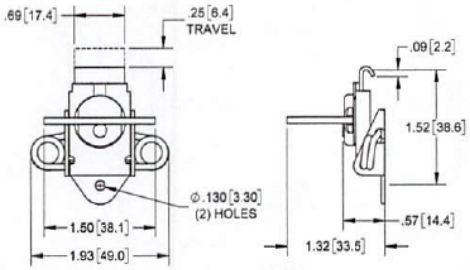
MOUNTING DIMENSIONS

Small Spring Loaded Twist Latches with Tri-shaped Base





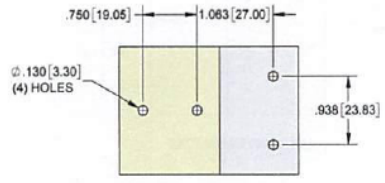
KEEPER



LATCH

Part Number	Description	Material	Finish
209303	latch	steel	zinc plated
209103	keeper	steel	zinc plated
209303BK	latch	steel	black e-coat
209303SS	latch	300 series stainless steel	tumbled
209103SS	keeper	304SS	tumbled
209304	polybagged	steel	zinc plated

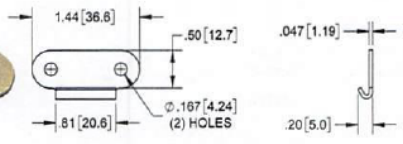
- polybagged part number contains one latch and one keeper per sealed polybag
- the spring compensates for up to .156 [4.00] misalignment



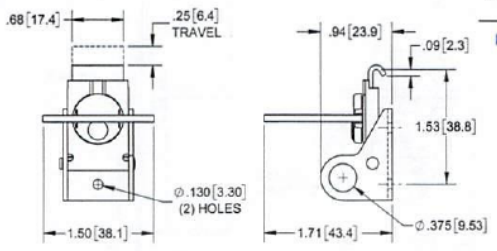
MOUNTING DIMENSIONS

Small Padlocking Twist Latches





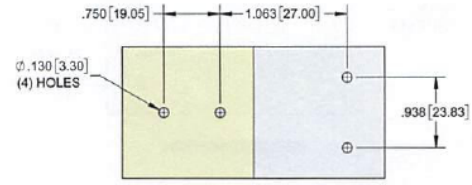
KEEPER



LATCH

Part Number	Description	Material	Finish
2091LK	latch	steel	zinc plated
209103	keeper	steel	zinc plated
2091LKSS-L	latch	300 series stainless steel	tumbled
209103SS	keeper	304SS	tumbled
2091LKSS01*	latch & keeper	300 series stainless steel	tumbled

- *holes on latch and keeper are Ø.193 instead of Ø.130

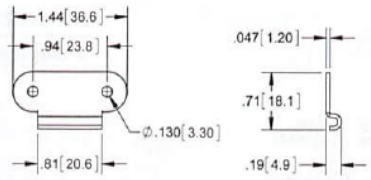


MOUNTING DIMENSIONS

90° Angle Keeper for Small Twist Latches

Part Number	Material	Finish
209107	steel	zinc plated
209107SS	304SS	tumbled

- mounted perpendicular to latch

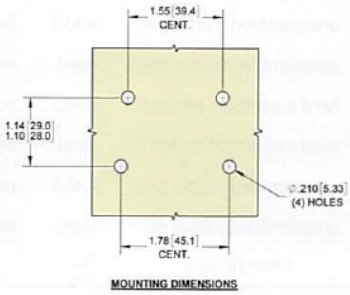


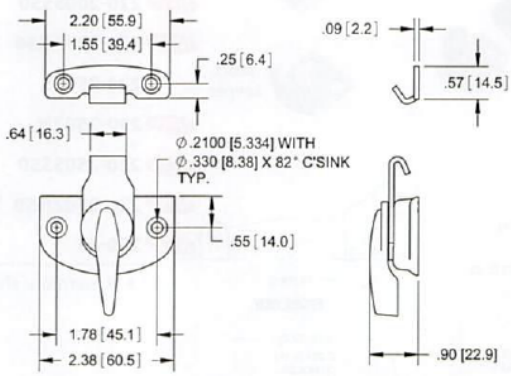


Cam Type Sash Latch

Part Number	Material	Finish
2C	steel	chrome plated

- #6 F.H.S. screws are included



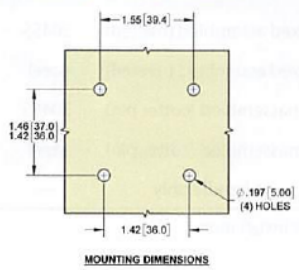


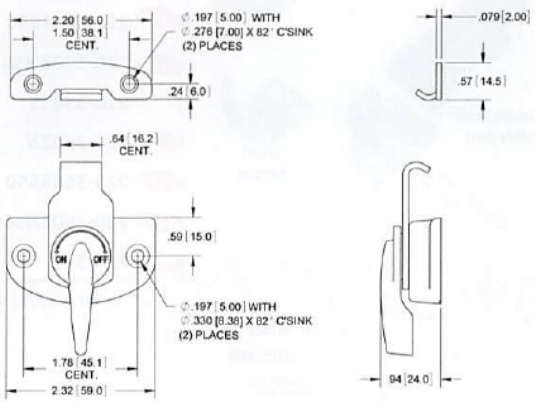


Cam Type Sash Lock

Part No.	Description	Material	Finish
2D	sash lock & keeper	steel	zinc plated
NEW 2E-L	sash lock only	steel	nickel plated
NEW 2E-K	keeper only	steel	nickel plated

- screws not included
- includes ball bearing for detent feature



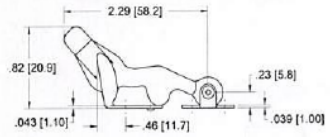




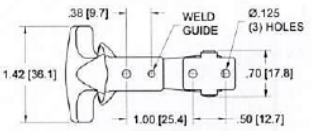
Small EPDM Rubber T-Handle Latch UV



long keeper



FRONT VIEW



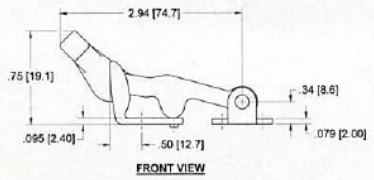
BOTTOM VIEW

Part Number	Keeper Style	Keeper Material	Keeper Finish
220-100SS	long	304SS	passivated
220-100ZN	long	steel	zinc plated

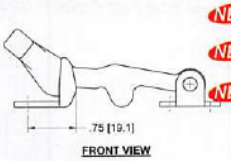
▸ dimensions shown are after installation

Medium EPDM Rubber T-Handle Latches UV

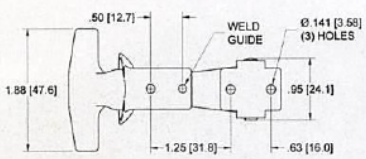




FRONT VIEW

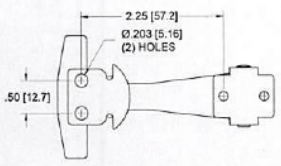


FRONT VIEW



BOTTOM VIEW

LATCH WITH LONG KEEPER



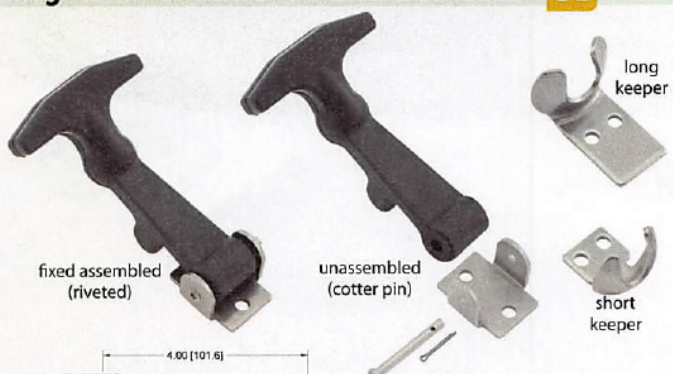
BOTTOM VIEW

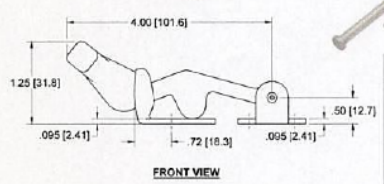
LATCH WITH SHORT KEEPER

Part Number	Keeper Style	Description	Keeper Material	Keeper Finish
220-200SS	long	fixed assembled (riveted)	304SS	passivated
NEW 220-200ZN	long	fixed assembled (riveted)	steel	zinc plated
NEW 220-200SS50	long	unassembled (cotter pin)	304SS	passivated
NEW 220-200ZN50	long	unassembled (cotter pin)	steel	zinc plated
220-250SS	short	fixed assembled (riveted)	304SS	passivated
NEW 220-250ZN	short	fixed assembled (riveted)	steel	zinc plated
NEW 220-250SS50	short	unassembled (cotter pin)	304SS	passivated
NEW 220-250ZN50	short	unassembled (cotter pin)	steel	zinc plated
NEW 230-2T	---	t-handle only	---	---

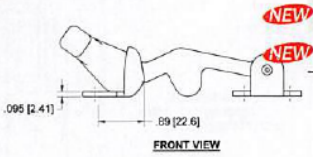
▸ dimensions shown are after installation

Large EPDM Rubber T-Handle Latches UV

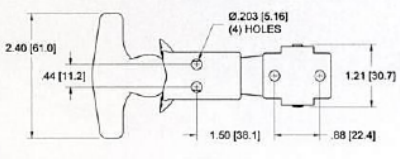




FRONT VIEW

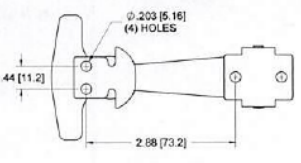


FRONT VIEW



BOTTOM VIEW

LATCH WITH LONG KEEPER



BOTTOM VIEW

LATCH WITH SHORT KEEPER

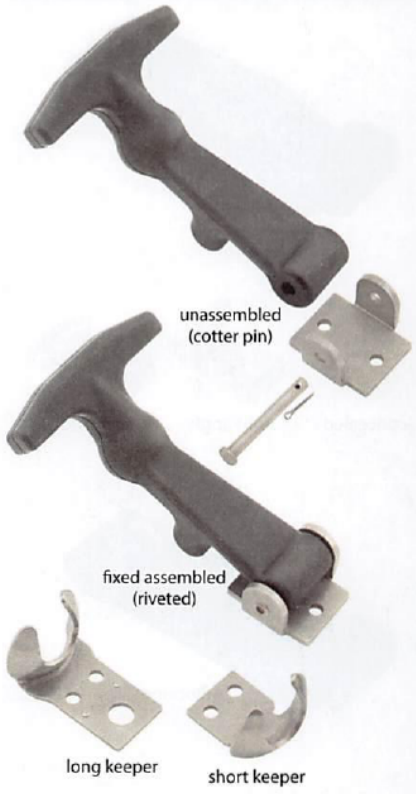
Part Number	Keeper Style	Description	Keeper Material	Keeper Finish
220-300SS	long	fixed assembled (riveted)	304SS	passivated
NEW 220-300ZN	long	fixed assembled (riveted)	steel	zinc plated
NEW 220-300SS50	long	unassembled (cotter pin)	304SS	passivated
NEW 220-300ZN50	long	unassembled (cotter pin)	steel	zinc plated
220-350SS	short	fixed assembled (riveted)	304SS	passivated
NEW 220-350ZN	short	fixed assembled (riveted)	steel	zinc plated
NEW 220-350SS50	short	unassembled (cotter pin)	304SS	passivated
NEW 220-350ZN50	short	unassembled (cotter pin)	steel	zinc plated
NEW 230-3T	---	t-handle only	---	---

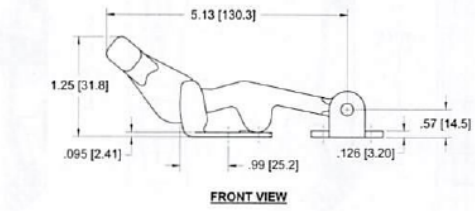
▸ dimensions shown are after installation

UV Extra Large EPDM Rubber T-Handle Latches

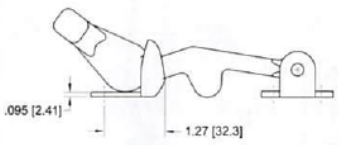
Part Number	Keeper Style	Description	Keeper Material	Keeper Finish
220-400SS	long	fixed assembled (riveted)	304SS	passivated
NEW 220-400ZN	long	fixed assembled (riveted)	steel	zinc plated
NEW 220-400SS50	long	unassembled (cotter pin)	304SS	passivated
NEW 220-400ZN50	long	unassembled (cotter pin)	steel	zinc plated
220-450SS	short	fixed assembled (riveted)	304SS	passivated
NEW 220-450ZN	short	fixed assembled (riveted)	steel	zinc plated
NEW 220-450SS50	short	unassembled (cotter pin)	304SS	passivated
NEW 220-450ZN50	short	unassembled (cotter pin)	steel	zinc plated
NEW 230-4T	---	t-handle only		

- dimensions shown are after installation
- long keeper includes (2) small weld guides

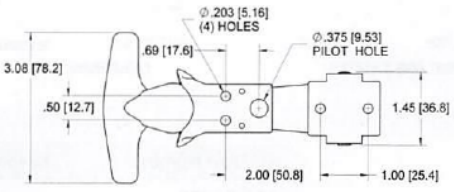




FRONT VIEW

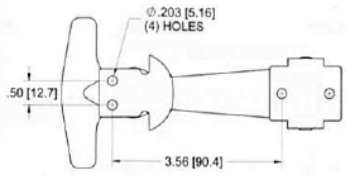


FRONT VIEW



BOTTOM VIEW

LATCH WITH LONG KEEPER



BOTTOM VIEW

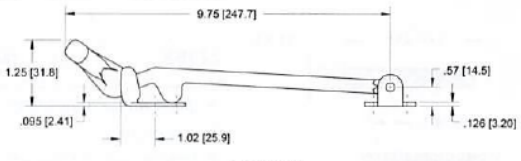
LATCH WITH SHORT KEEPER

UV Extra Large EPDM Rubber T-Handle Latches

Part Number	Keeper Style	Keeper Material	Keeper Finish
220-500SS	long	304SS	passivated
NEW 220-500ZN	long	steel	zinc plated
220-550SS	short	304SS	passivated
NEW 220-550ZN	short	steel	zinc plated

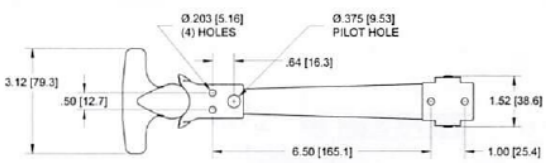
- dimensions shown are after installation





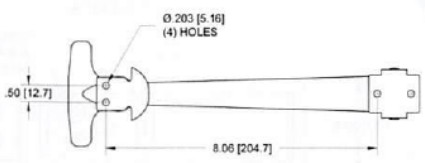
FRONT VIEW

FRONT VIEW



BOTTOM VIEW

LATCH WITH LONG KEEPER



BOTTOM VIEW

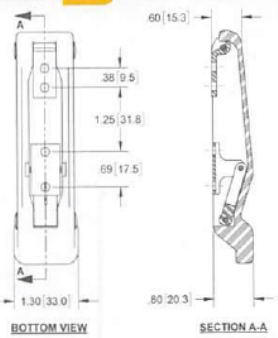
LATCH WITH SHORT KEEPER

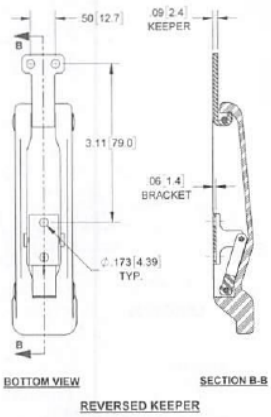
Small Thermoplastic Draw Latches UV

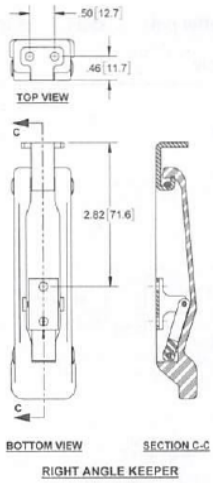


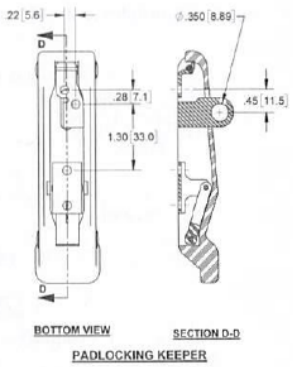










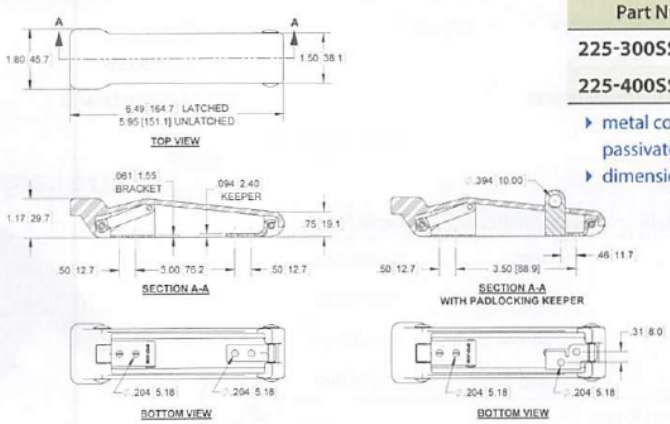


Part Number	Keeper Style
225-100SS	concealed
225-150SS	reversed
225-200SS	right angle
225-350SS	padlocking

- metal components are 304SS with passivated finish
- dimensions shown are after installation

Large Thermoplastic Draw Latches UV





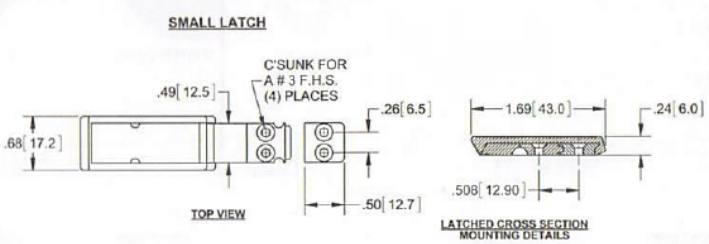
Part Number	Keeper Style
225-300SS	concealed
225-400SS	padlocking

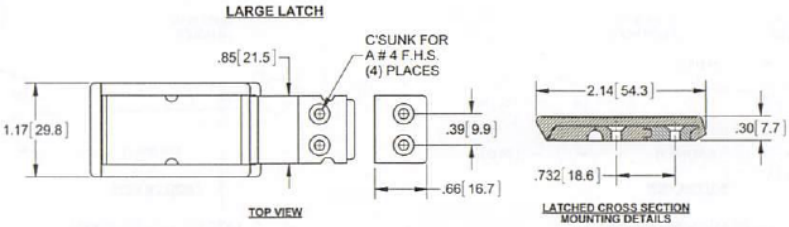
- metal components are 304SS with passivated finish
- dimensions shown are after installation

Plastic Draw Latches









Part Number	Size	Material	Finish
223BK-01	small	plastic	smooth, black
223BK	large	plastic	smooth, black

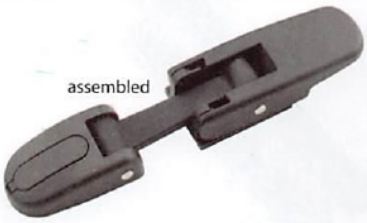
- living hinge draw latch
- low profile
- keeper is concealed when latched

Flexible Draw Latches

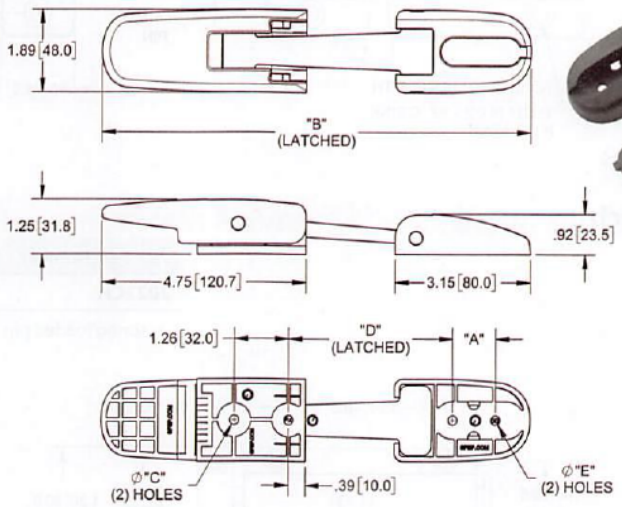
Part Number	Dim A	Dim B	Dim C	Dim D	Dim E	Average Clamp Force	Material	Finish
240-100 ✸ *	1.00 [25.4]	10.0 [253.0]	.22 [5.5]	3.82 [97.0]	.22 [5.5]	25 LBS	nylon	black, lightly textured
240-150	1.00 [25.4]	10.0 [253.0]	.22 [5.5]	3.82 [97.0]	.22 [5.5]	25 LBS		
240-200	1.00 [25.4]	14.9 [378.0]	.22 [5.5]	8.74 [222.0]	.22 [5.5]	43 LBS		
240-300	1.25 [31.8]	11.8 [300.0]	.26 [6.6]	5.67 [144.0]	.26 [6.6]	79 LBS		

- latch body material: EPDM with smooth black finish
- pin material: stainless steel with black finish
- screw cap cover included
- * part no. **240-100** - latch body is more flexible than part no. **240-150**

✸ money saver

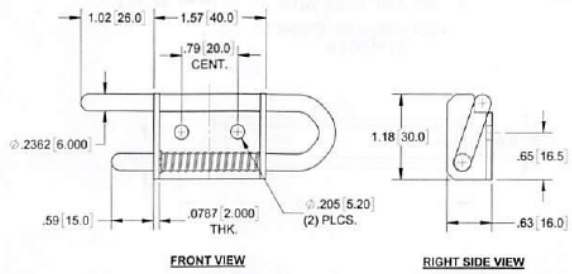






Spring Loaded U-Bolt Latch

Part No.	Material	Finish
1133	steel	zinc plated



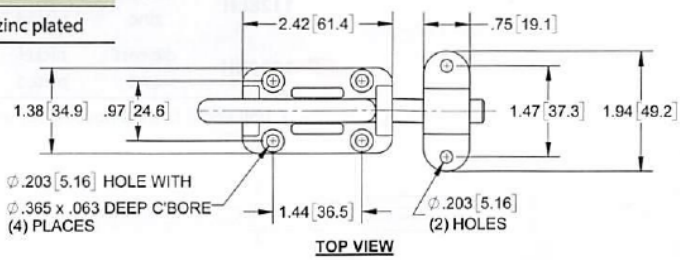


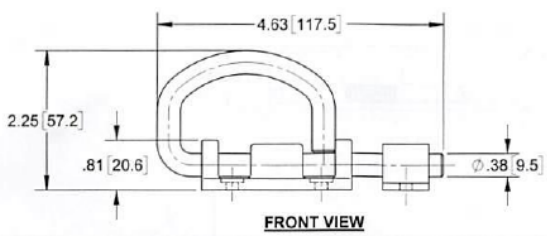
Loop Handle Latch

Part Number	Guide Material Thickness	Finish
1445	.118 [3.00]	zinc plated

- steel handle and keeper
- die cast zinc base





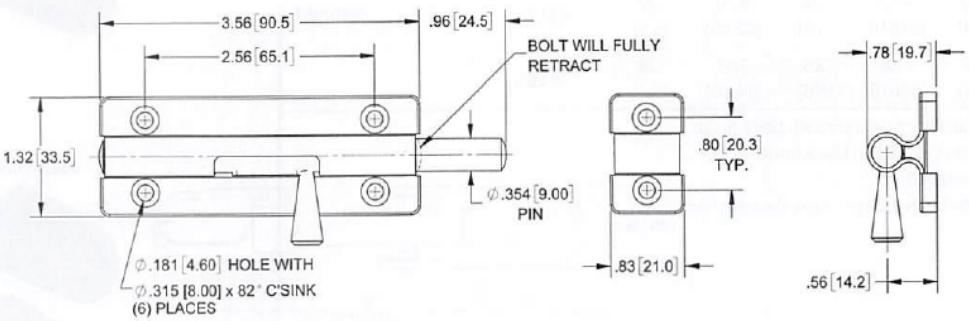


Spring Loaded Bolt Latch



Part Number	Material	Finish
168SS-L	304SS	electro-polished
168SS-K	304SS	electro-polished

- latch and keeper are sold separately

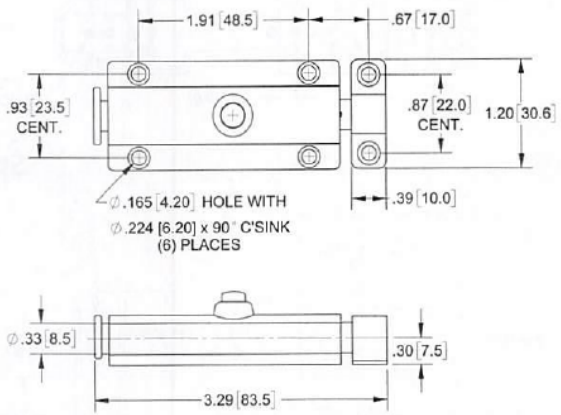


Spring Loaded Bolt Latch



Part Number	Material	Finish
2022CH	die cast zinc	chrome plated

- spring loaded pin

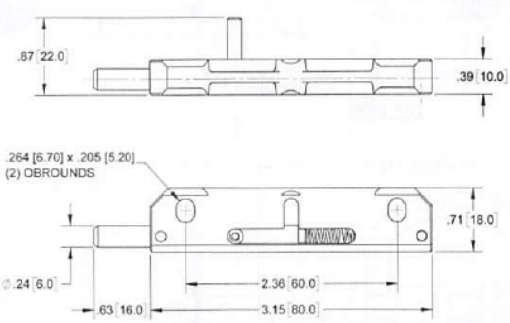


Spring Loaded Bolt Latches



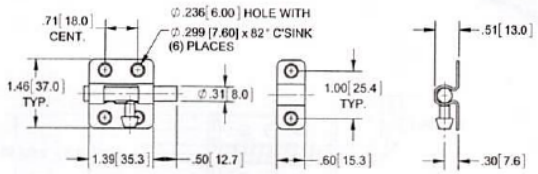
Part Number	Housing		Bolt & Components		Description
	Material	Finish	Material	Finish	
1128LH	die cast zinc	nickel plated	304SS	passivated	left hand
NEW **1128RH**	die cast zinc	nickel plated	304SS	passivated	right hand

- bolt end is flush to housing surface when fully retracted



Mini Barrel Bolt Latches

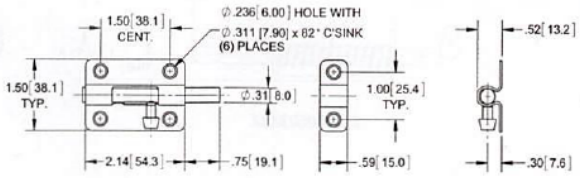
Part Number	Material Thickness	Material	Finish
164HZ	.047 [1.19]	steel	zinc plated





Small Standard Latch

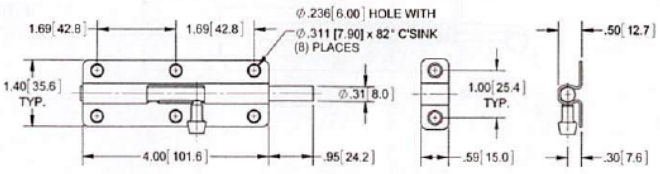
Part Number	Material Thickness	Material	Finish
165HZ	.047 [1.19]	steel	zinc plated





Large Standard Latch

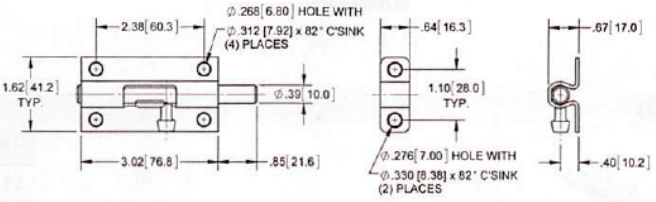
Part Number	Material Thickness	Material	Finish
167HZ	.047 [1.19]	steel	zinc plated





Heavy Duty Latch

Part Number	Material Thickness	Material	Finish
169HZ	.071 [1.80]	steel	zinc plated

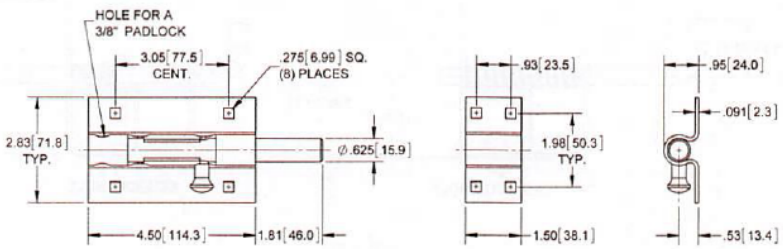




Heavy Duty Padlocking Barrel Bolt Latches

Part Number	Material	Finish
163-L	steel	zinc plated
163-K	steel	zinc plated

- latch and keeper are sold separately

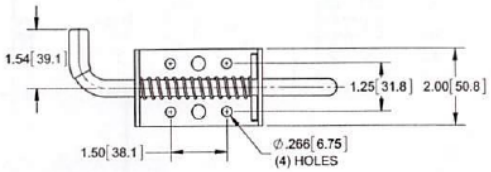




Bolt Latches with Stop Pin

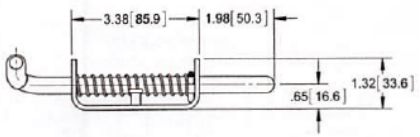


right hand

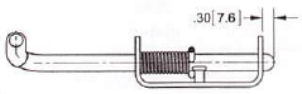




left hand



EXTENDED BOLT



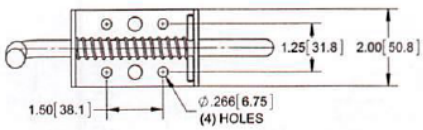
RETRACTED BOLT

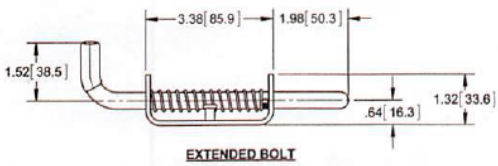
Part Number	Description	Material	Finish
1182SS	right hand	304SS	electropolished
1182ZN	right hand	steel	zinc plated
1183SS	left hand	304SS	electropolished
1183ZN	left hand	steel	zinc plated

- Ø .438 [11.13] bolt
- black PVC rubber grip

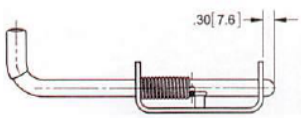
Bolt Latch with Stop Pin







EXTENDED BOLT

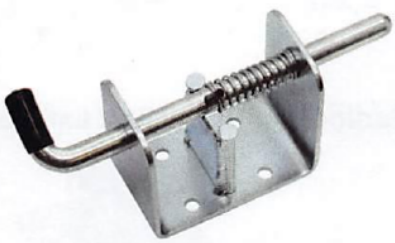


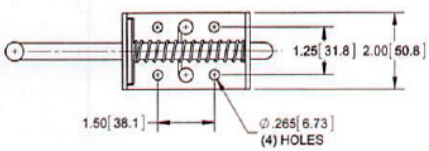
RETRACTED BOLT

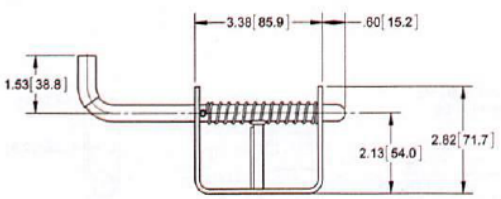
Part Number	Material	Finish
1182SS-01	304SS	electropolished

- Ø .438 [11.13] bolt
- black PVC rubber grip
- bidirectional

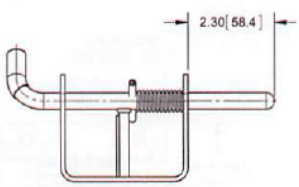
Bolt Latch with Stop Pin







EXTRACTED BOLT



EXTENDED BOLT

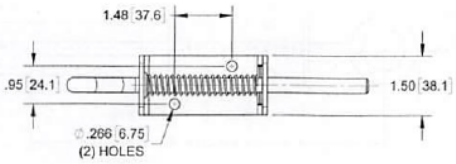
Part Number	Material	Finish
1142ZN	steel	zinc plated

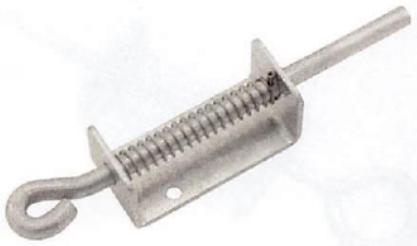
- Ø .438 [11.13] bolt
- black PVC rubber grip
- bidirectional

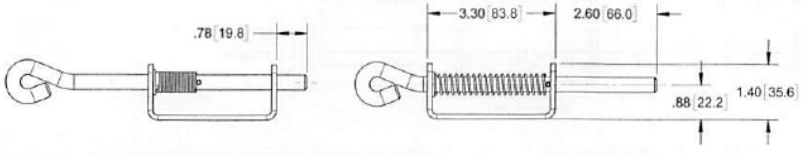
NEW Aluminum Bolt Latch

Part Number	Material	Finish
1184A-02	aluminum	mill

- Ø .3750 [9.53] bolt
- 304SS spring, washer and roll pin





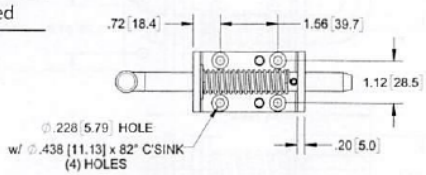


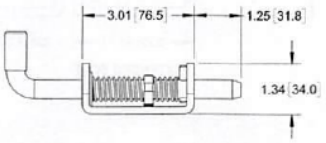
RETRACTED BOLT EXTENDED BOLT

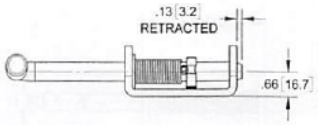
NEW Bolt Latch with Stop Pin

Part Number	Material	Finish
11832ZN-03	steel	zinc plated

- red PVC rubber grip
- Ø .500 [12.70] bolt







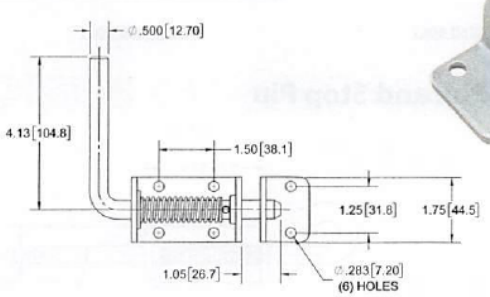


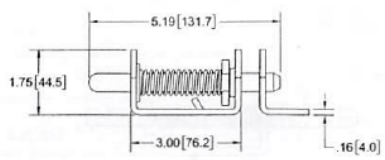
NEW Bolt Latch with Keeper

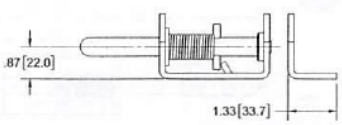
Part Number	Material	Finish	Description
1261ZN	steel	zinc plated	latch & keeper
1261ZN-01	steel	zinc plated	latch **only**

- Ø .500 [12.70] steel bolt









EXTENDED BOLT RETRACTED BOLT

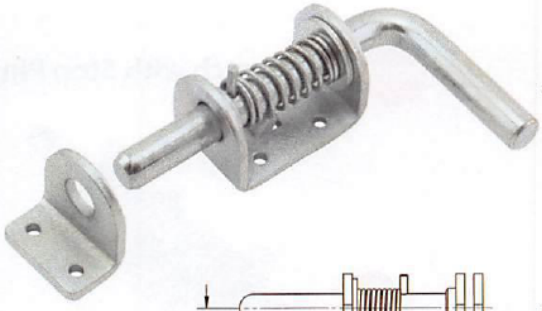
Bolt Latch with Stop Pin



Part Number	Material	Finish
1184ZN	steel	zinc plated

- Ø.313 [7.95] bolt

Bolt Latch with Keeper

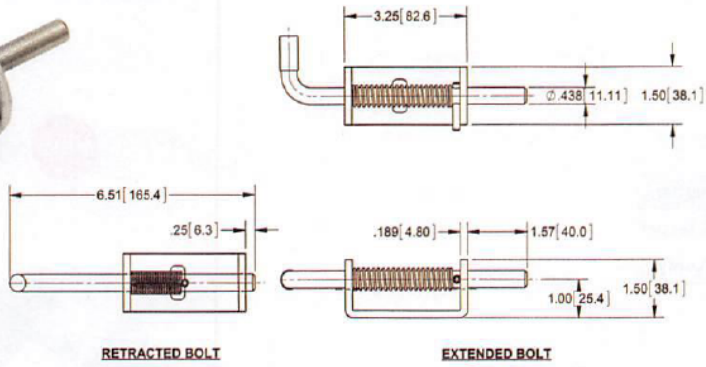


Part Number	Material	Finish
1260ZN	steel	zinc plated

- Ø.750 [19.05] steel bolt

Aluminum Bolt Latch with Stop Pin



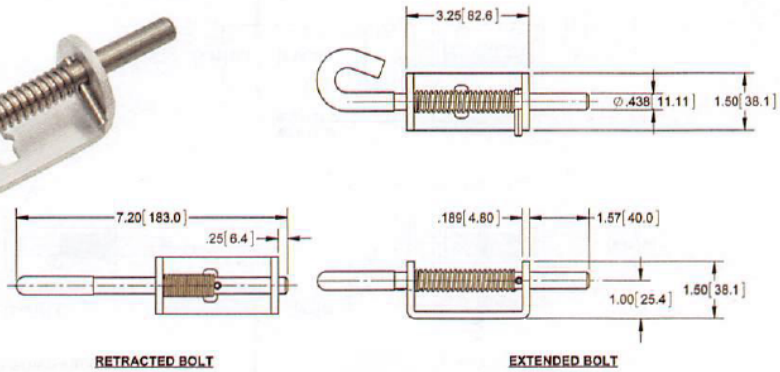


Part Number	Material	Finish
1181A	aluminum	mill

- Ø.438 [11.13] 304SS bolt

Aluminum Bolt Latch with Hook Pull and Stop Pin





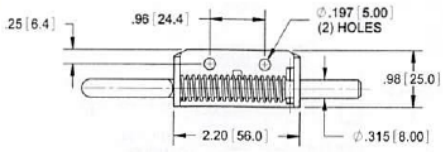
Part Number	Material	Finish
1181A-01	aluminum	mill

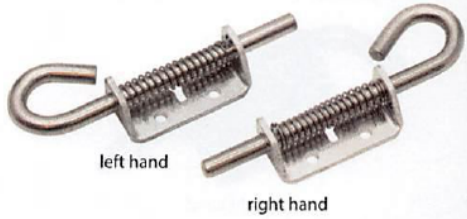
- Ø.438 [11.13] 304SS bolt

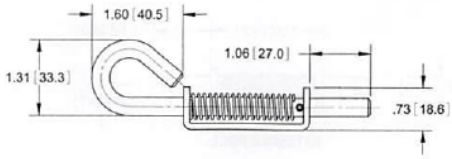
Aluminum Bolt Latches with Hook Pull and Stop Pin

Part Number	Description	Material	Finish
1181A-11RH	right hand	aluminum	mill
1181A-11LH	left hand	aluminum	mill

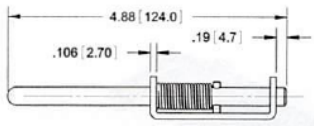
- Ø.315 [8.00] 304SS bolt







EXTENDED BOLT

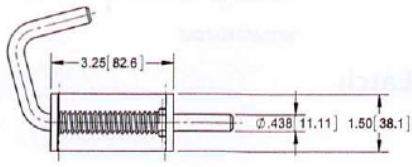


RETRACTED BOLT

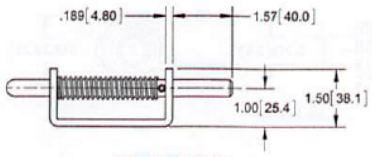
Aluminum Bolt Latch

Part Number	Material	Finish
1181A-02	aluminum	mill

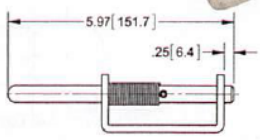
- Ø.438 [11.13] 304SS bolt







EXTENDED BOLT

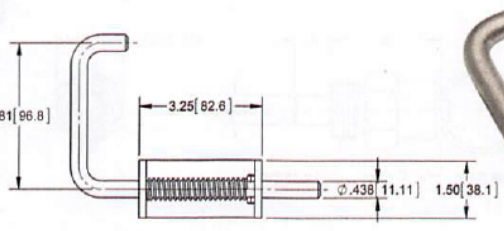


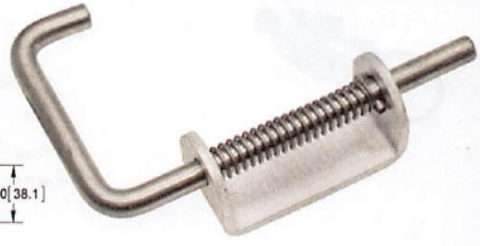
RETRACTED BOLT

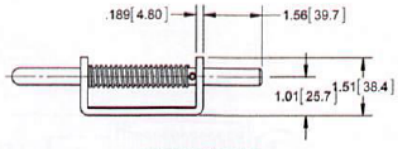
Aluminum Bolt Latch

Part Number	Material	Finish
1181A-03	aluminum	mill

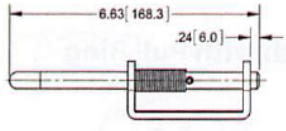
- Ø.438 [11.13] 304SS bolt







EXTENDED BOLT

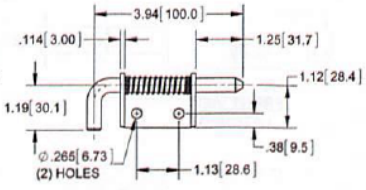


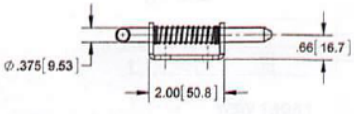
RETRACTED BOLT

Spring Loaded Bolt Latches

Part Number	Description	Installation
1185SS-RH	without stop pin	right hand
1185SS-LH	without stop pin	left hand
1185SS-RH01	with stop pin	right hand
1185SS-LH01	with stop pin	left hand

- material: 304SS
- finish: tumbled







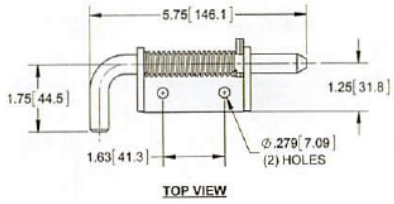
Spring Loaded Bolt Latches with Stop Pin



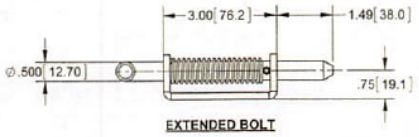
right hand



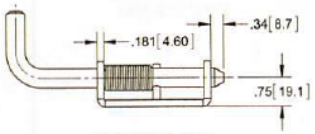
left hand



TOP VIEW



EXTENDED BOLT

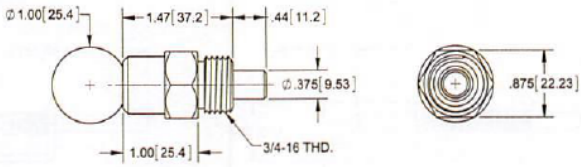


RETRACTED BOLT

Part Number	Description	Material	Finish
1178SS-RH01	right hand	304SS	tumbled
1178SS-LH01	left hand	304SS	tumbled

Spring Loaded Pull Action .44" Pin Latch

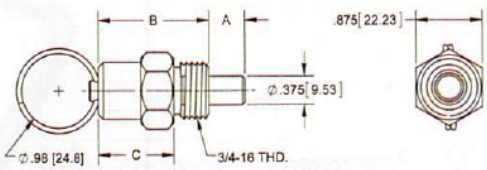




Part Number	Material
1187-01	aluminum body, 304SS pin and plastic knob

Spring Loaded Pull Action Pin Latch





Part Number	Dim. A	Dim B	Dim. C	Material
1187	.48 [12.2]	1.47 [37.3]	1.00 [25.4]	aluminum body, 304SS pin and ring
1188	.97 [24.6]	1.47 [37.3]	1.00 [25.4]	
1189	.72 [18.3]	1.71 [43.4]	1.25 [31.8]	

Bolt Latch with Pull Ring



part no.**1159**
unlatched



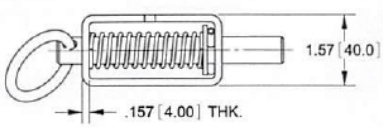
part no.**1159-03**
unlatched



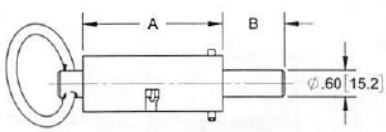
part no.**1159**
latched



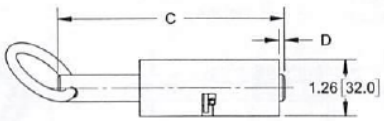
part no.**1159-03**
latched



TOP VIEW



FRONT VIEW
LATCHED



FRONT VIEW
UNLATCHED

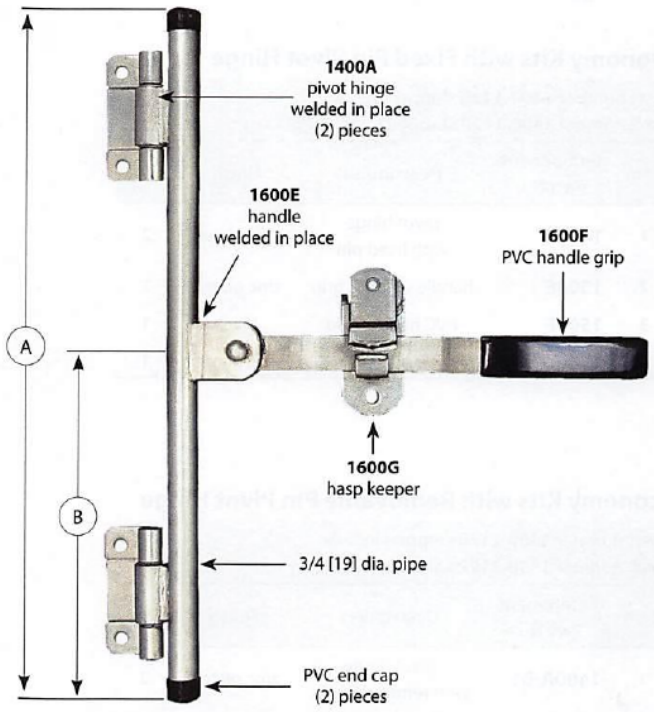
Part Number	Dim A	Dim B	Dim C	Dim D
1159	3.15 [80.0]	1.40 [35.5]	5.13 [130.2]	.12 [3.0]
1159-03	2.00 [50.8]	.85 [21.5]	3.41 [86.5]	.20 [5.0]

- steel with zinc plated finish
- Ø.600 [15.24] steel bolt

1420 Series Steel Bar Lock Assembly

Part Number	Description	Finish	Dim. A	Dim. B
1420-02	welded bar lock assembly	zinc plated	45.0 [1,143]	22.5 [572]
1420-03	welded bar lock assembly	zinc plated	48.0 [1,219]	24.0 [610]

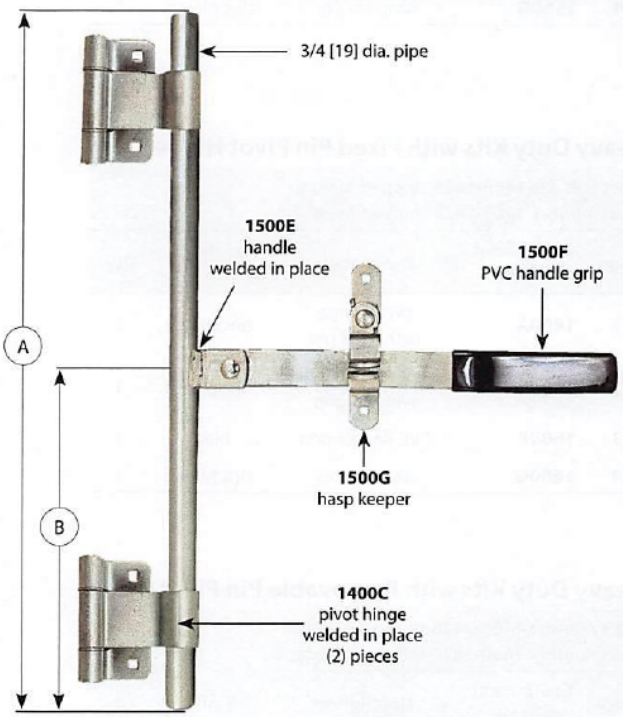
- includes:
  - welded bar lock assembly
  - hasp keeper, **1600G**
  - PVC handle grip, **1600F**
  - PVC end caps, (2) pieces
- pivot hinges and handle are welded to pipe



1430 Series Steel Bar Lock Assembly

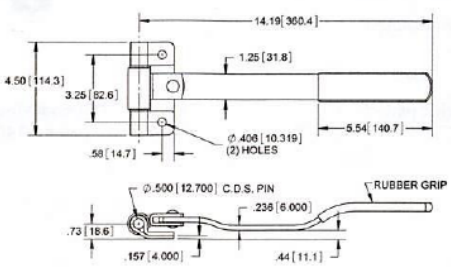
Part Number	Description	Finish	Dim. A	Dim. B
1430-01	welded bar lock assembly	zinc plated	36.0 [914]	18.0 [457]
1430-02	welded bar lock assembly	zinc plated	45.0 [1,143]	22.5 [572]
1430-04	welded bar lock assembly	zinc plated	45.0 [1,143]	33.4 [848]

- includes:
  - welded bar lock assembly
  - hasp keeper, **1500G**
  - PVC handle grip, **1500F**
- pivot hinges and handle are welded to pipe
- optional vinyl cap, **1400B**



Pivot Hinge Handle

Part Number	Material	Finish
1500-01	steel	zinc plated





1400 Series Economy Cam Action Side Door Lock

Economy Kits with Fixed Pin Pivot Hinge

part number **1400-112B** shipped in bulk
part number **1400-112P** shipped in polybag

Item	Component Part No.	Description	Finish	Qty.
1	**1400A**	pivot hinge with fixed pin	zinc plated	2
2	**1500E**	handle without grip	zinc plated	1
3	**1500F**	PVC handle grip	black	1
4	**1500G**	hasp keeper	zinc plated	1

Economy Kits with Removable Pin Pivot Hinge

part number **1400-212B** shipped in bulk
part number **1400-212P** shipped in polybag

Item	Component Part No.	Description	Finish	Qty.
1	**1400A-01**	pivot hinge with removable pin	zinc plated	2
2	**1500E**	handle without grip	zinc plated	1
3	**1500F**	PVC handle grip	black	1
4	**1500G**	hasp keeper	zinc plated	1

Heavy Duty Kits with Fixed Pin Pivot Hinge

part number **1400-142B** shipped in bulk
part number **1400-142P** shipped in polybag

Item	Component Part No.	Description	Finish	Qty.
1	**1400A**	pivot hinge with fixed pin	zinc plated	2
2	**1600E**	heavy duty handle without grip	zinc plated	1
3	**1600F**	PVC handle grip	black	1
4	**1600G**	hasp keeper	zinc plated	1

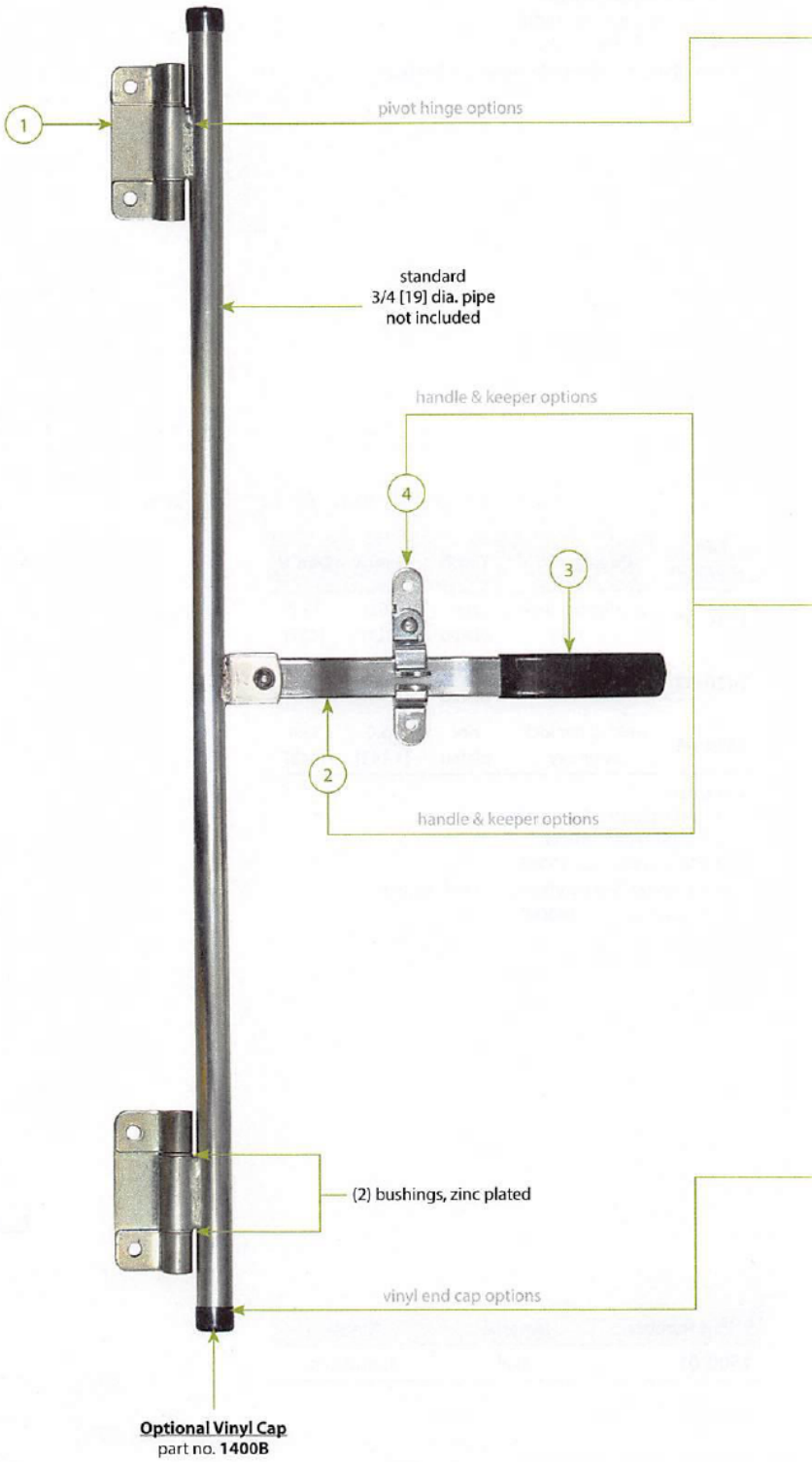
Heavy Duty Kits with Removable Pin Pivot Hinge

part number **1400-242B** shipped in bulk
part number **1400-242P** shipped in polybag

Item	Component Part No.	Description	Finish	Qty.
1	**1400A-01**	pivot hinge with removable pin	zinc plated	2
2	**1600E**	heavy duty handle without grip	zinc plated	1
3	**1600F**	PVC handle grip	black	1
4	**1600G**	hasp keeper	zinc plated	1

Economy Kit Shown

- components may be purchased separately



Bar Locks

Build Your Own Bar Lock Kit

Example Part No.

1400 - 1 3 2 B

- base part number
- pivot hinge option
- handle & keeper option
- end cap option
- packaging option **B** (bulk) **P** (polybagged)

Pivot Hinge Options

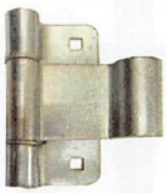
Options	Component Part No.	Description	Finish
1	**1400A**	hinge with fixed pin	zinc plated
2	**1400A-01**	hinge with removable pin	zinc plated
3	**1400C**	hinge with fixed pin	zinc plated



Option 1
part no. **1400A**



Option 2
part no. **1400A-01**



Option 3
part no. **1400C**

Handle & Keeper Options

Options	Component Part No.	Description	Finish
1	**1500E & 1500G**	handle & keeper	zinc plated
2	**1500E & 1500G-01**	handle & keeper	zinc plated
3	**1500E & 1500GSS**	handle & stainless steel keeper	zinc plated & electropolished
4	**1600E & 1600G**	heavy duty handle & steel keeper	zinc plated
5	**1600E & 1600GSS**	heavy duty handle & stainless steel keeper	zinc plated & tumbled
6	**1600E & 1600GSS01**	heavy duty handle & stainless steel keeper	zinc plated & electropolished

▸ **1500F** and **1600F** grips are included with corresponding handles

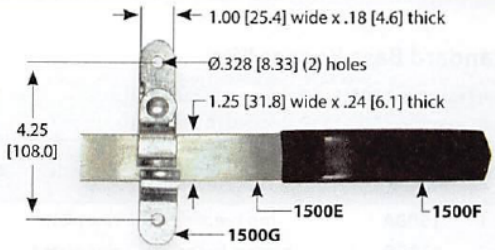
Part No. 1400B Vinyl End Cap Options

Options	Description
1	end caps included
2	no end caps included

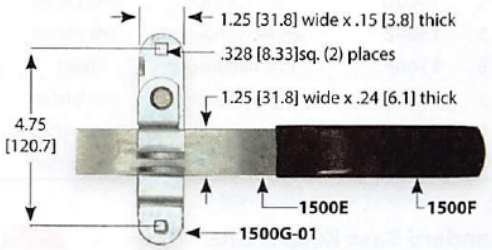


Optional Vinyl Cap
part no. **1400B**

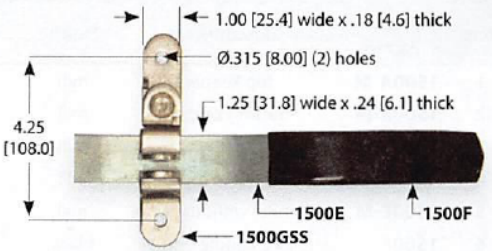
Option 1



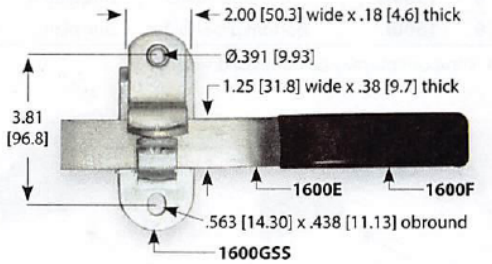
Option 2



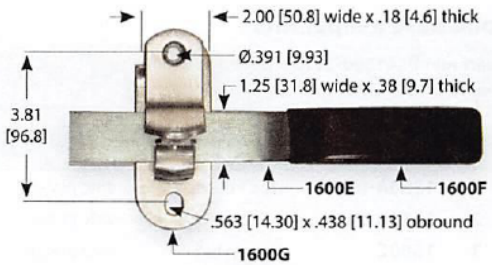
Option 3



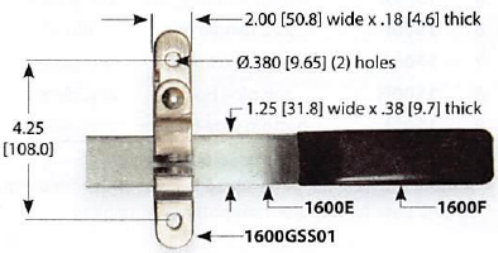
Option 4



Option 5



Option 6



1500 Series Economy Two Point Cam Action Bar Locks

Standard Base Keeper Kits

part number 1500-111B shipped in bulk
part number 1500-111P shipped in polybag

Item	Component Part No.	Description	Finish	Qty.
1	1500A	top keeper	zinc plated	1
2	1500B	bottom keeper	zinc plated	1
3	1500C	top lug	zinc plated	1
4	1500D	bottom lug	zinc plated	1
5	1500E	handle without grip	zinc plated	1
6	1500F	PVC handle grip	black	1
7	1500G	hasp keeper	zinc plated	1
8	1500H	top pipe holder	zinc plated	4
9	1500I	bottom pipe holder	zinc plated	4

- components may be purchased separately

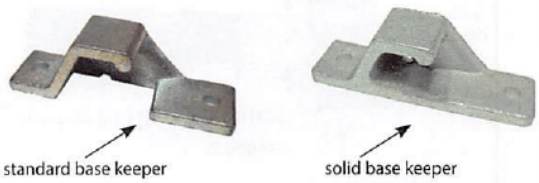
Standard Base Keeper Kits

NEW

part number 1500-111BM shipped in bulk, mill
part number 1500-111PM shipped in polybag, mill

Item	Component Part No.	Description	Finish	Qty.
1	1500A-M	top keeper	mill	1
2	1500B-M	bottom keeper	mill	1
3	1500C-M	top lug	mill	1
4	1500D-M	bottom lug	mill	1
5	1500E-M	handle without grip	mill	1
6	1500F	PVC handle grip	black	1
7	1500G-M	hasp keeper	mill	1
8	1500H	top pipe holder	zinc plated	4
9	1500I	bottom pipe holder	zinc plated	4

- components may be purchased separately

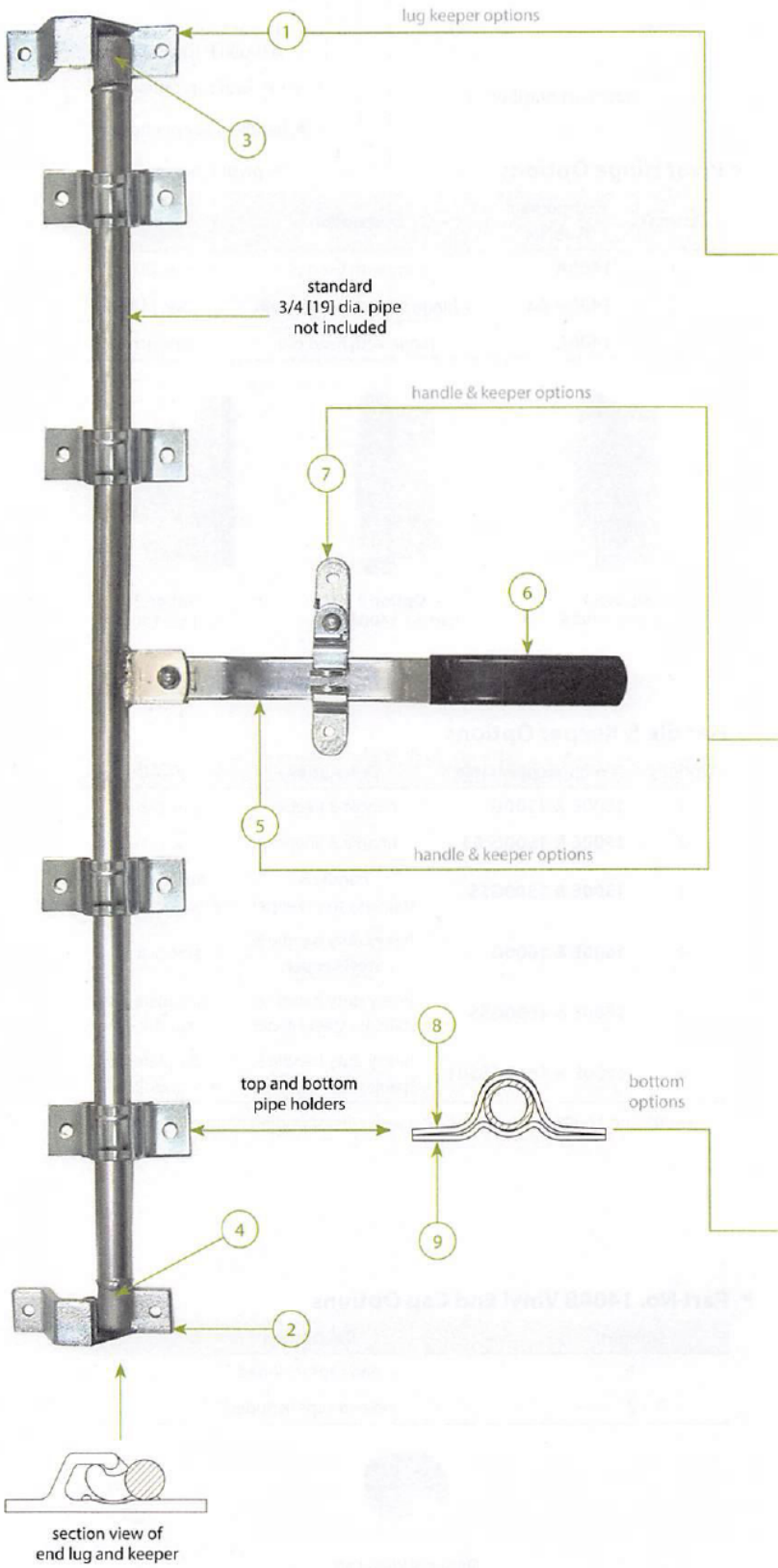


Solid Base Keeper Kits

part number 1500-211B shipped in bulk
part number 1500-211P shipped in polybag

Item	Component Part No.	Description	Finish	Qty.
1	1500A-01	top keeper •	zinc plated	1
2	1500B-01	bottom keeper •	zinc plated	1
3	1500C	top lug	zinc plated	1
4	1500D	bottom lug	zinc plated	1
5	1500E	handle without grip	zinc plated	1
6	1500F	PVC handle grip	black	1
7	1500G	hasp keeper	zinc plated	1
8	1500H	top pipe holder	zinc plated	4
9	1500I	bottom pipe holder	zinc plated	4

- components may be purchased separately
- • these kits have newly designed keepers with added material at their base for increased strength and durability



Build Your Own Bar Lock Kit

Example Part No.

1500 - 1 3 2 B

- packaging option **B** (bulk) **P** (polybagged)
- bottom pipe holder option
- handle & keeper option
- lug keeper option

base part number includes:
- **1500C** top lug (1pc.)
- **1500D** bottom lug (1pc.)
- **1500H** top pipe holders (4pcs.)
- **1500F** or **1600F** grip (1pc.)

Lug Keeper Options

Options	Component Part No.	Description	Finish
1	**1500A & 1500B**	standard base top & bottom keeper	zinc plated
2	**1500A-01 & 1500B-01**	solid base top & bottom keepers	zinc plated
NEW 3	**1500A-M & 1500B-M**	standard base top & bottom keeper	mill



Options 1&2: Standard Base
part no. **1500A** - top
part no. **1500A-M** - top
part no. **1500B** - bottom
part no. **1500B-M** - bottom



Option 3: Solid Base
part no. **1500A-01** - top
part no. **1500B-01** - bottom

Handle & Keeper Options

Options	Component Part. No.	Description	Finish
1	**1500E & 1500G**	handle & keeper	zinc plated
2	**1500E & 1500G-01**	handle & keeper	zinc plated
3	**1500E & 1500GSS**	handle & 304SS keeper	zinc plated & electropolished
4	**1600E & 1600G**	heavy handle & keeper	zinc plated
5	**1600E & 1600GSS**	heavy handle & 304SS keeper	zinc plated & tumbled
6	**1600E & 1600GSS01**	heavy handle & 304SS keeper	zinc plated & electropolished
NEW 7	**1500E-M & 1500G-M**	handle & keeper	mill

Bottom Pipe Holder Options

Options	Component Part. No.	Description	Finish
1	**1500I**	steel bottom holder	zinc plated
2	**1500IP**	thermoplastic bottom holder (stackable)	gray

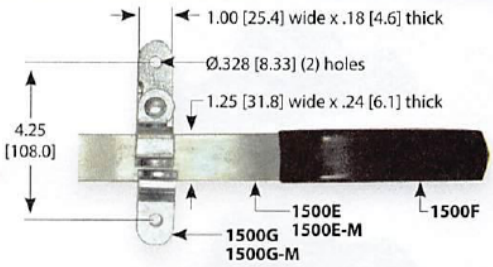


Option 1: Steel Base
part no. **1500I**

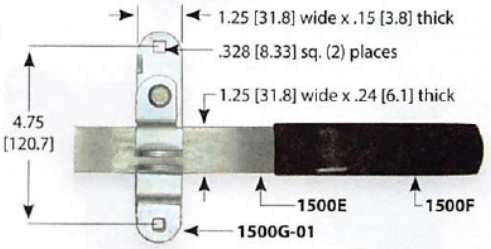


Option 2: Plastic Base
part no. **1500IP**

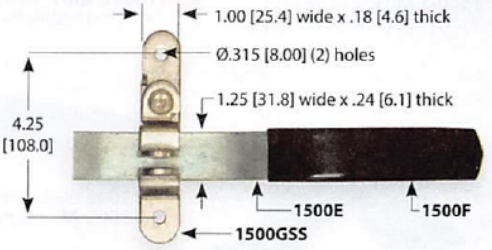
Option 1 / NEW **Option 7** (mill finish)



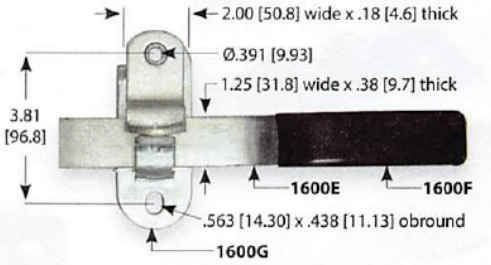
Option 2



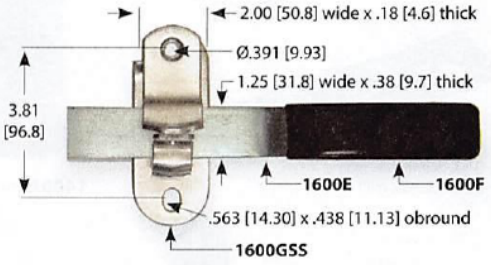
Option 3



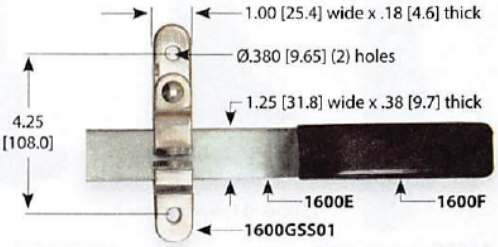
Option 4



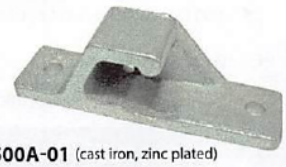
Option 5



Option 6



Bar Lock Accesories



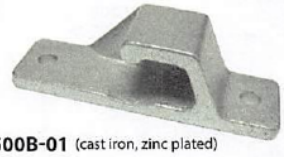
1500A-01 (cast iron, zinc plated)



1500A (cast iron, zinc plated)
NEW **1500A-M** (cast iron, mill)



NEW **1500A-06M** (cast iron, mill)



1500B-01 (cast iron, zinc plated)



1500B (cast iron, zinc plated)
NEW **1500B-M** (cast iron, mill)



NEW **1500B-06M** (cast iron, mill)



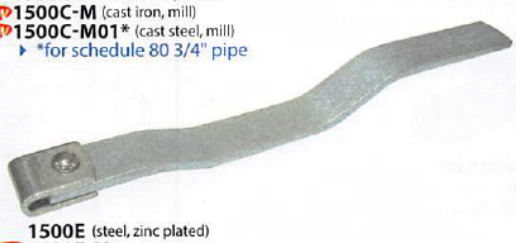
1500D (cast iron, zinc plated)
NEW **1500D-M** (cast iron, mill)
NEW **1500D-M01*** (cast steel, mill)
▸ *for schedule 80 3/4" pipe



1500C (cast iron, zinc plated)
NEW **1500C-M** (cast iron, mill)
NEW **1500C-M01*** (cast steel, mill)
▸ *for schedule 80 3/4" pipe



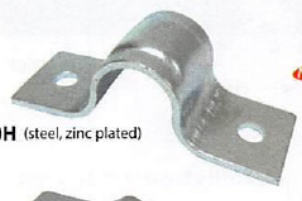
1500F (PVC, black)



1500E (steel, zinc plated)
NEW **1500E-M** (steel, mill)



1600F (PVC, black)

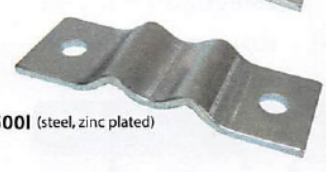


1500H (steel, zinc plated)



1600E (steel, zinc plated)

1400B (PVC, black)



1500I (steel, zinc plated)



1500P (plastic, gray)



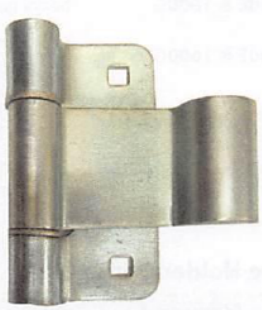
H3-03 (steel, zinc plated)
H3-03A (aluminum, mill)
H3-03SS (304SS, mill)



1400A (steel, zinc plated)



1400A-01 (steel, zinc plated)



1400C (steel, zinc plated)



1500G (steel, zinc plated)
NEW **1500G-M** (steel, mill)



1500G-01 (steel, zinc plated)



1600GSS01 (304SS, electropolished)



1500GSS (304SS, electropolished)



1600GSS (304SS, tumbled)



1600G (steel, zinc plated)
NEW **1600G-01M** (steel, mill)

NEW

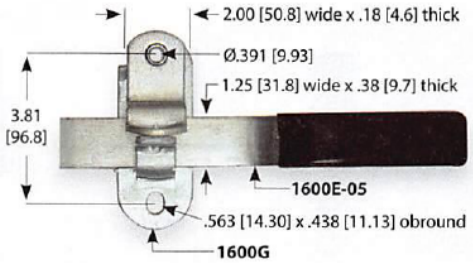
1500 Series Two Point Locks For Maximum Extension

Kit With Wide, Steel Keeper

part number **1500-500B** shipped in bulk
part number **1500-500P** shipped in polybag

Component Part No.	Description	Finish	Qty.
1500A-05	narrow top keeper	zinc plated	1
1500B-05	narrow bottom keeper	zinc plated	1
1500C-05	long top lug	zinc plated	1
1500D-05	long bottom lug	zinc plated	1
1600E-05	heavy duty handle with grip	zinc plated	1
1600G	hasp keeper	zinc plated	1
1500H-05	top pipe holder	zinc plated	4
1500I-05	bottom pipe holder	zinc plated	4

▸ components may be purchased separately

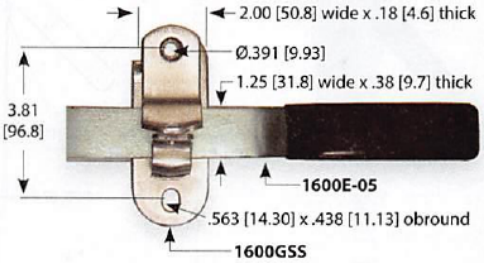


Kit With Wide, 304SS Keeper

part number **1500-501B** shipped in bulk
part number **1500-501P** shipped in polybag

Component Part No.	Description	Finish	Qty.
1500A-05	narrow top keeper	zinc plated	1
1500B-05	narrow bottom keeper	zinc plated	1
1500C-05	long top lug	zinc plated	1
1500D-05	long bottom lug	zinc plated	1
1600E-05	heavy duty handle with grip	zinc plated	1
1600GSS	304SS hasp keeper	tumbled	1
1500H-05	top pipe holder	zinc plated	4
1500I-05	bottom pipe holder	zinc plated	4

▸ components may be purchased separately

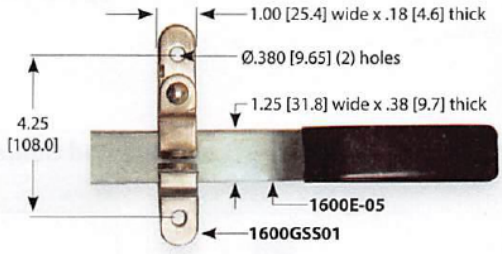


Kit With Narrow, 304SS Keeper

part number **1500-502B** shipped in bulk
part number **1500-502P** shipped in polybag

Component Part No.	Description	Finish	Qty.
1500A-05	narrow top keeper	zinc plated	1
1500B-05	narrow bottom keeper	zinc plated	1
1500C-05	long top lug	zinc plated	1
1500D-05	long bottom lug	zinc plated	1
1600E-05	heavy duty handle with grip	zinc plated	1
1600GSS01	304SS hasp keeper	tumbled	1
1500H-05	top pipe holder	zinc plated	4
1500I-05	bottom pipe holder	zinc plated	4

▸ components may be purchased separately





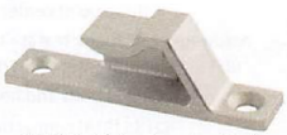
1600E-05 (steel, zinc plated)
▸ can only be used with "-05" series



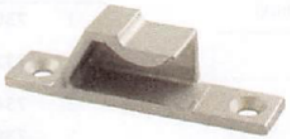
1500C-05 (cast iron, zinc plated)



1500D-05 (cast iron, zinc plated)



1500B-05 (cast iron, zinc plated)



1500A-05 (cast iron, zinc plated)

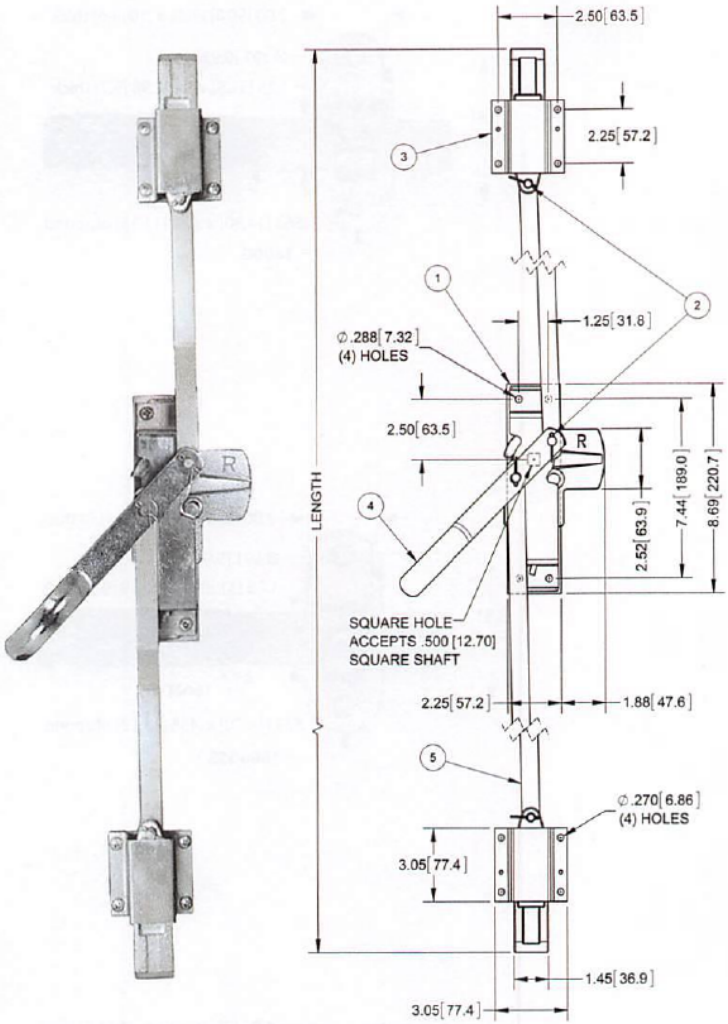


1500H-05 (steel, zinc plated)



1500I-05 (steel, zinc plated)

Heavy Duty Three Point Door Latches for 1/2" Sq. Shaft



Features

- three point center case allows the inside handle to override the outside handle, even if the outside handle is locked or jammed (used with handles that have a 180° or 360° rotation only)
- all parts are zinc plated
- accepts handles with .500 [12.70] sq. shaft. (refer to handles on pages 32-47)
- each part number may be ordered separately
- other rod lengths available
- * available in 316SS as a kit — part no. **731SS** (kit includes: center case, hardware kit & inside handle)
- ** available in 316SS and in different lengths

Lock with 33.25 [844.6] Connecting Rods

Part No. 730-01 - length: 73.1 [1,857] - 76.2 [1,936]

Item	Component Part No.	Description
1	**730***	three point center case
2	**732***	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8 [10] flat washers, (2) 3/8 [10] clevis pins
3	**734**	(2) end bolts and housings
4	**736***	inside release handle
5	**737****	(2) 33.25 [844.6] connecting rods

Lock with 48.00 [1,219.2] Connecting Rods

Part No. 730-02 - length: 102.6 [2,606] - 105.7 [2,685]

Item	Component Part No.	Description
1	**730***	three point center case
2	**732***	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8 [10] flat washers, (2) 3/8 [10] clevis pins
3	**734**	(2) end bolts and housings
4	**736***	inside release handle
5	**739****	(2) 48 [1,219] connecting rods

Lock with 43.88 [1,114.6] Connecting Rods

Part No. 730-03 - length: 94.4 [2,398] - 97.5 [2,477]

Item	Component Part No.	Description
1	**730***	three point center case
2	**732***	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8 [10] flat washers, (2) 3/8 [10] clevis pins
3	**734**	(2) end bolts and housings
4	**736***	inside release handle
5	**740****	(2) 43.88 [1,114.6] connecting rods

Lock with 36.00 [914.4] Connecting Rods

Part No. 730-04 - length: 78.6 [1,996] - 81.7 [2,075]

Item	Component Part No.	Description
1	**730***	three point center case
2	**732***	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8 [10] flat washers, (2) 3/8 [10] clevis pins
3	**734**	(2) end bolts and housings
4	**736***	inside release handle
5	**738****	(2) 36 [914] connecting rods

Lock with 36.00 [914.4] Connecting Rods - No Inside Release Handle

NEW **Part No. 730-08 - length: 78.6 [1,996] - 81.7 [2,075]**

Item	Component Part No.	Description
1	**730***	three point center case
2	**732***	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8 [10] flat washers, (2) 3/8 [10] clevis pins
3	**734**	(2) end bolts and housings
5	**738****	(2) 36 [914] connecting rods

Striker Plate

Part No. J3079SS



Dimensions

6.23" L x .88" W x .125" thick
[158.2L x 22.4W x 3.18 thick]

- material: 316SS

Rod Guide

Part No. 714SS



Dimensions

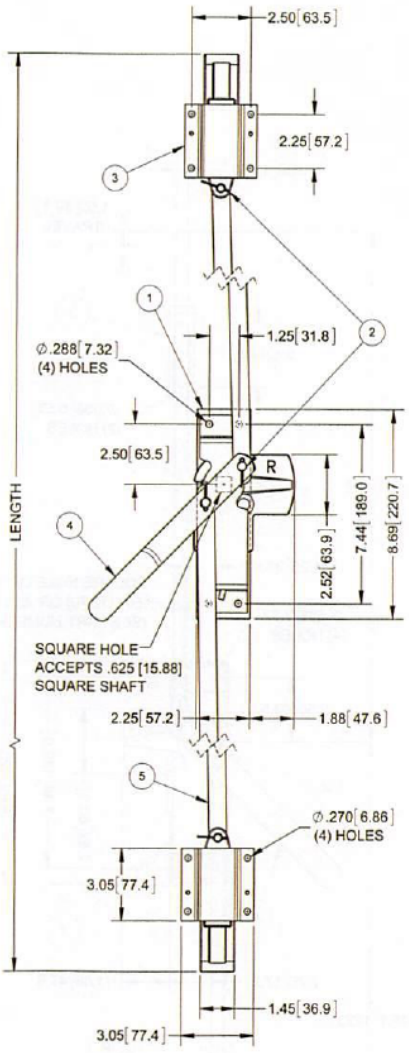
.88" H x 3.00" W x .94" thick
[22.4H x 76.2W x 2.39 thick]

- material: 316SS

Heavy Duty Three Point Door Latches for 5/8" Sq. Shaft

Features

- three point center case allows the inside handle to override the outside handle, even if the outside handle is locked or jammed (used with handles that have a 180° or 360° rotation only)
- all parts are zinc plated
- accepts handles with .625 [15.88] sq. shaft. (refer to handles on pages 32-47)
- each part number may be ordered separately
- other rod lengths available
- * available in 316SS as a kit — part no. **731SS** (kit includes: center case, hardware kit & inside handle)
- ** available in 316SS and in different lengths





Lock with 33.25 [844.6] Connecting Rods

Part No. 729-01 - length: 73.1 [1,857] - 76.2 [1,936]

Item	Component Part No.	Description
1	**729**	three point center case
2	**732***	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8 [10] flat washers, (2) 3/8 [10] clevis pins
3	**734**	(2) end bolts and housings
4	**736***	inside release handle
5	**737****	(2) 33.25 [844.6] connecting rods

Lock with 48.00 [1,219.2] Connecting Rods

Part No. 729-02 - length: 102.6 [2,606] - 105.7 [2,685]

Item	Component Part No.	Description
1	**729**	three point center case
2	**732***	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8 [10] flat washers, (2) 3/8 [10] clevis pins
3	**734**	(2) end bolts and housings
4	**736***	inside release handle
5	**739****	(2) 48 [1,219] connecting rods

Lock with 43.88 [1,114.6] Connecting Rods

Part No. 729-03 - length: 94.4 [2,398] - 97.5 [2,477]

Item	Component Part No.	Description
1	**729**	three point center case
2	**732***	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8 [10] flat washers, (2) 3/8 [10] clevis pins
3	**734**	(2) end bolts and housings
4	**736***	inside release handle
5	**740****	(2) 43.88 [1,114.6] connecting rods

Lock with 36.00 [914.4] Connecting Rods

Part No. 729-04 - length: 78.6 [1,996] - 81.7 [2,075]

Item	Component Part No.	Description
1	**729**	three point center case
2	**732***	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8 [10] flat washers, (2) 3/8 [10] clevis pins
3	**734**	(2) end bolts and housings
4	**736***	inside release handle
5	**738****	(2) 36 [914] connecting rods

Striker Plate

Part No. J3079SS



Dimensions

6.23" L x .88" W x .125" thick [158.2L x 22.4W x 3.18 thick]

- material: 316SS

Rod Guide

Part No. 714SS

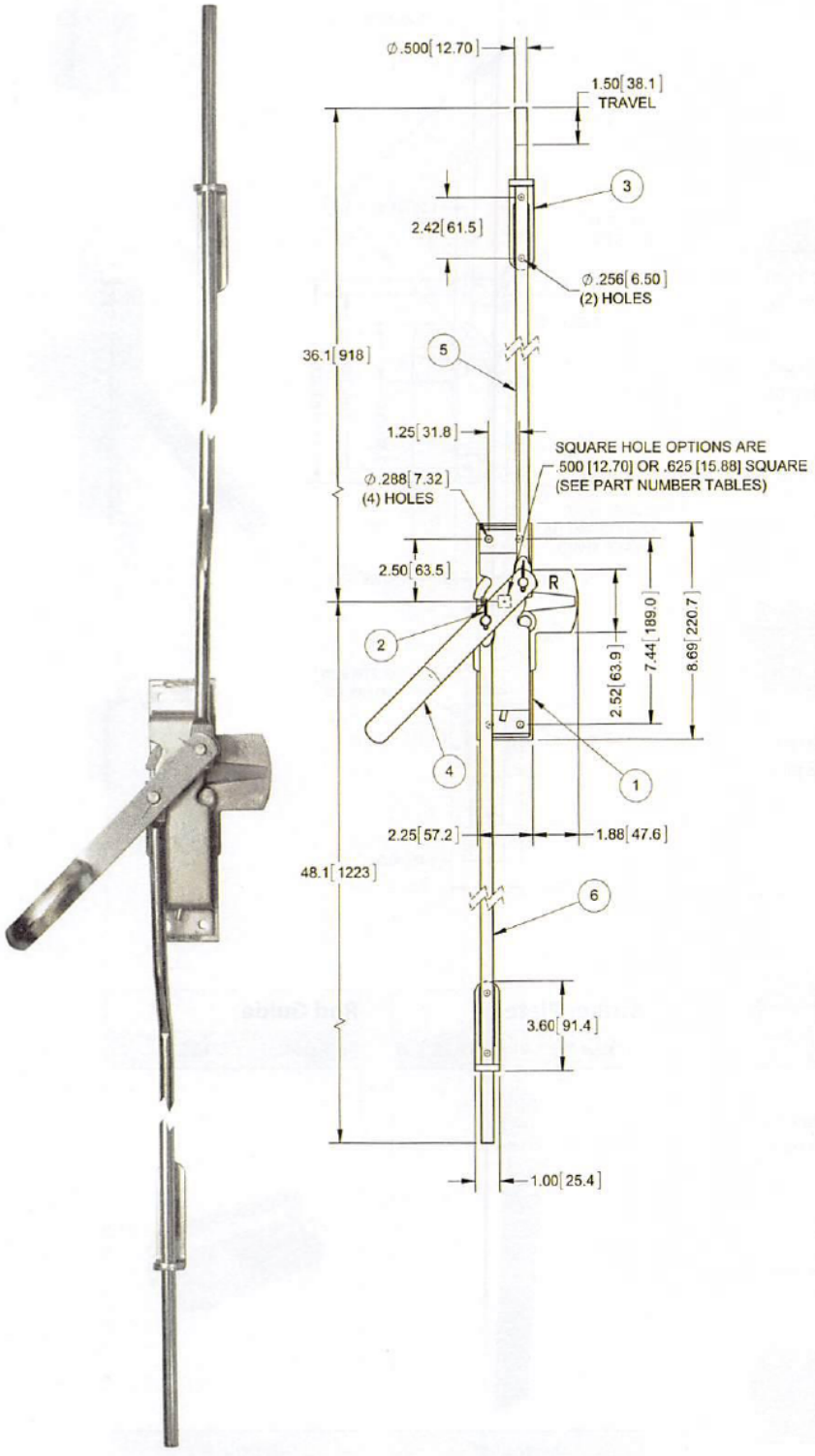


Dimensions

.88" H x 3.00" W x .94" thick [22.4H x 76.2W x 2.39 thick]

- material: 316SS

Heavy Duty Three Point Door Latches for 1/2" or 5/8" Sq. Shaft



Features

- three point center case allows the inside handle to override the outside handle, even if the outside handle is locked or jammed
  (used with handles that have a 180° or 360° rotation only)
- all parts are zinc plated
- accepts handles with .500 [12.70] or .625 [15.88] sq. shaft. (refer to handles on pages 32-47)
- each part number may be ordered separately

1/2" Sq. Shaft Hole

Part No. 730-10		
Item	Component Part No.	Description
1	**730**	(1) three point center case with 1/2[13] sq. shaft hole
2	**732**	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8[10] flat washers, (2) 3/8[10] clevis pins
3	**718-02**	(2) spring loaded rod guides
4	**736**	(1) inside release handle
5	**745-36.00**	(1) 36.00 [914.4] x Ø.50 [12.7] connecting rod
6	**745-48.00**	(1) 48.00 [1,219.2] x Ø.50 [12.7] connecting rod

5/8" Sq. Shaft Hole

Part No. 729-10		
Item	Component Part No.	Description
1	**729**	(1) three point center case with 5/8[16] sq. shaft hole
2	**732**	hardware kit includes: leaf spring, (4) cotter pins, (8) 3/8[10] flat washers, (2) 3/8[10] clevis pins
3	**718-02**	(2) spring loaded rod guides
4	**736**	(1) inside release handle
5	**745-36.00**	(1) 36.00 [914.4] x Ø.50 [12.7] connecting rod
6	**745-48.00**	(1) 48.00 [1,219.2] x Ø.50 [12.7] connecting rod



Striker Plate
part no. **J3079SS**

Dimensions:
6.23"L x .88"W x .125" thick
[158.2L x 22.4W x 3.18 thick]

Material:
316SS

Three Point Door Latches with Ø3/8" Rods and Die Cast Cam

Features
all parts are zinc plated
each part number may be ordered separately
other rod lengths available
no override
refer to handles on pages 32-47

With Dampening Rod Guide

Part No. 716-02		
Item	Component Part No.	Description
1	**716**	three point center case
2	**717**	hardware kit includes: (2) cotter pins and (2) wave washers
3	**718**	(2) rod guides
4	**719-48.00**	(2) 48.00 [1,219.2] x Ø.38 [9.5] connecting rods



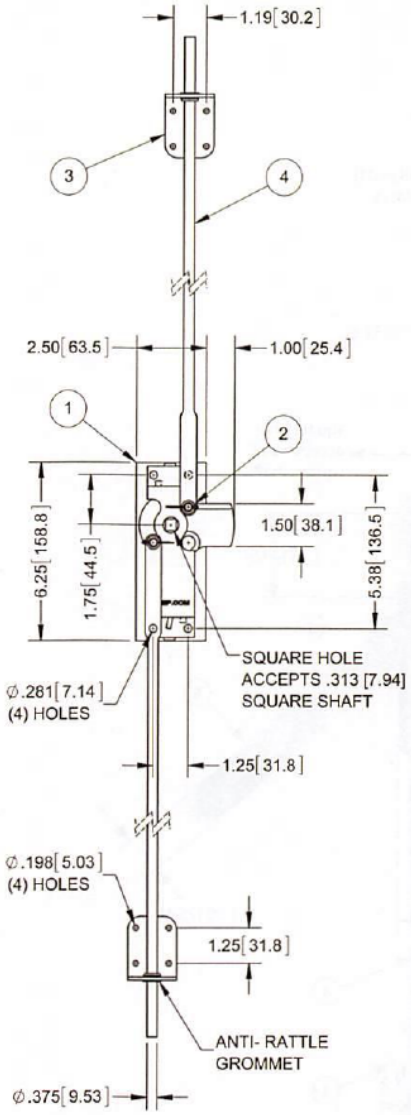
Dampening Rod Guide
part no. **718**
see page 198

With Spring Loaded Rod Guide

Part No. 716-10		
Item	Component Part No.	Description
1	**716**	three point center case
2	**717**	hardware kit includes: (2) cotter pins and (2) wave washers
3	**718-01**	(2) spring loaded rod guides
4	**719-48.00**	(2) 48.00 [1,219.2] x Ø.38 [9.5] connecting rods

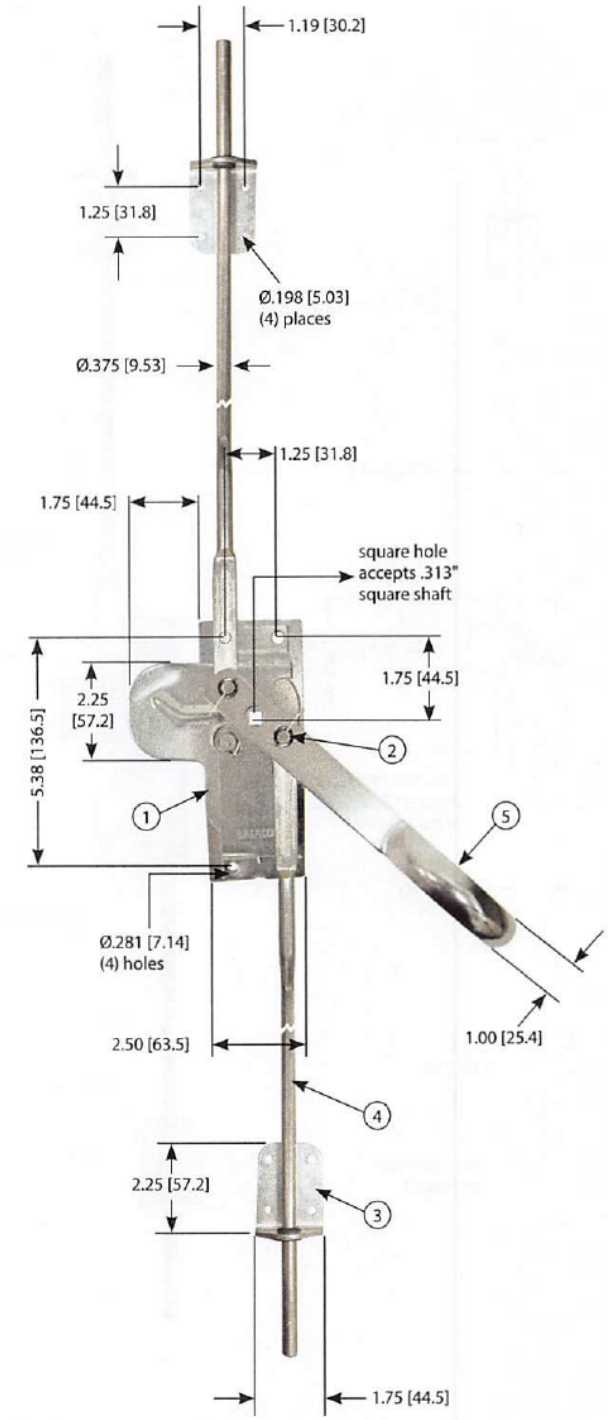


Spring Loaded Rod Guide
part no. **718-01**
see page 198





Three Point Door Latches with Ø3/8" Rods and Stamped Cam





Spring Loaded Rod Guide
part no. **718-01**



Dampening Rod Guide
part no. **718**

Features
▸ three point center case (part no. **716-05**) allows the inside handle to override the outside handle, even if the outside handle is locked or jammed (used with handles that have a 180° or 360° rotation only)
▸ each part number may be ordered separately

With Dampening Rod Guide - No Inside Release

Part No. 716-04		
Item	Component Part No.	Description
1	**716-01**	three point center case with **no inside release**
2	**717**	hardware kit includes: (2) cotter pins and (2) wave washers
3	**718**	(2) dampening rod guides
4	**719-48.00**	(2) 48.00 [1,219.2] x Ø.38 [9.5] connecting rods

With Dampening Rod Guide - With Inside Release

Part No. 716-06		
Item	Component Part No.	Description
1	**716-05**	three point center case **with inside release**
2	**717**	hardware kit includes: (2) cotter pins and (2) wave washers
3	**718**	(2) dampening rod guides
4	**719-48.00**	(2) 48.00 [1,219.2] x Ø.38 [9.5] connecting rods
5	**736-01**	inside handle

With Spring Loaded Rod Guide - No Inside Release

Part No. 716-11		
Item	Component Part No.	Description
1	**716-01**	three point center case with **no inside release**
2	**717**	hardware kit includes: (2) cotter pins and (2) wave washers
3	**718-01**	(2) spring loaded rod guides
4	**719-48.00**	(2) 48.00 [1,219.2] x Ø.38 [9.5] connecting rods

With Spring Loaded Rod Guide - With Inside Release

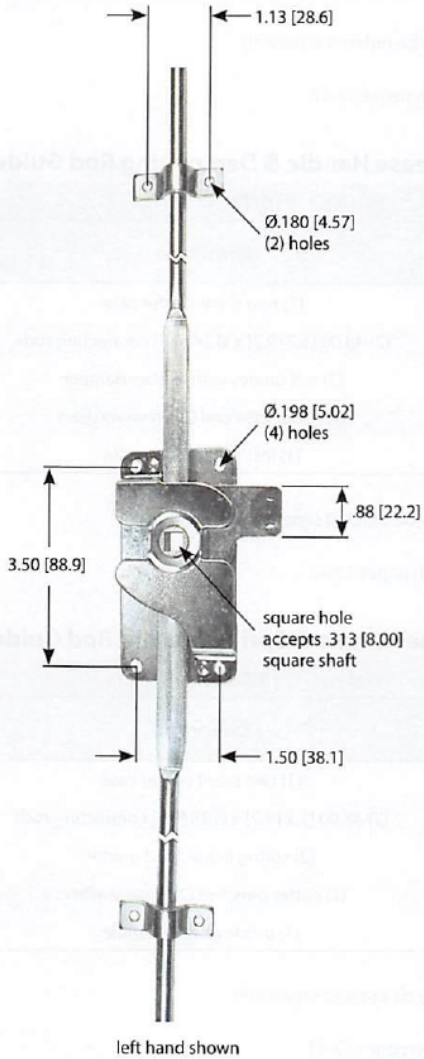
Part No. 716-12		
Item	Component Part No.	Description
1	**716-05**	three point center case **with inside release**
2	**717**	hardware kit includes: (2) cotter pins and (2) wave washers
3	**718-01**	(2) spring loaded rod guides
4	**719-48.00**	(2) 48.00 [1,219.2] x Ø.38 [9.5] connecting rods
5	**736-01**	inside handle

Door Latch Sets

3-Point Latch Set with Stamped Cam

Part Number	L or R	Finish
720LH	left hand	zinc plated
720RH	right hand	zinc plated

- (2) Ø.312 [7.92] x 48 [1,219] long steel rods
- (2) steel rod guides included in set
- no override
- see handle selection on pages 32-47

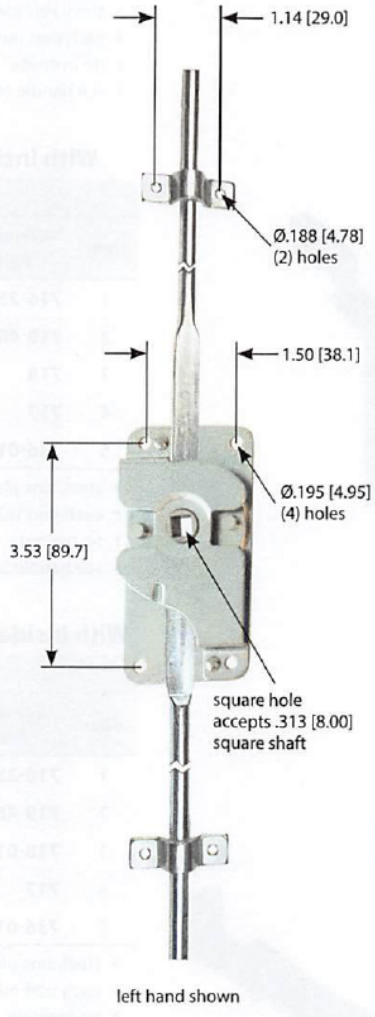


left hand shown

2-Point Latch Set

Part Number	L or R	Finish
720LH-03	left hand	zinc plated
720RH-03	right hand	zinc plated

- (2) Ø.312 [7.92] x 48 [1,219] long steel rods
- (2) steel rod guides included in set
- no override
- see handle selection on pages 32-47

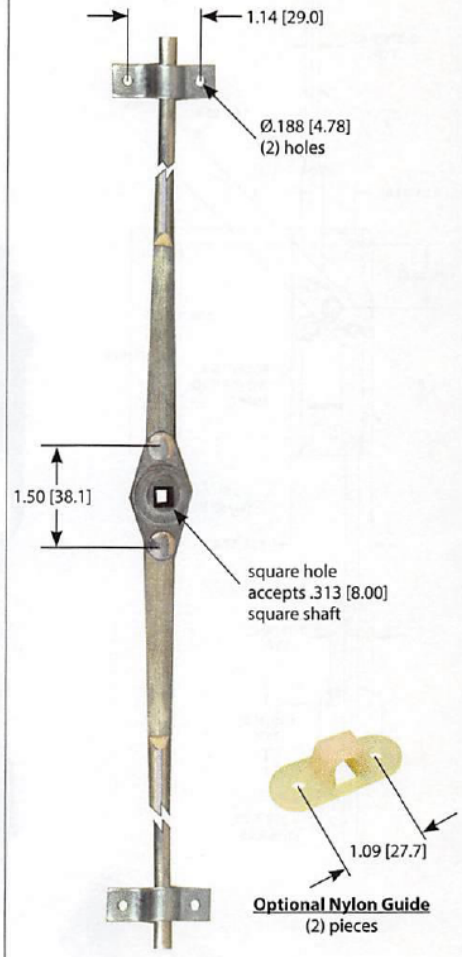


left hand shown

2-Point Swivel Set with Rod Guides

Part Number	Description	Finish
72248	with **steel** rod guide	zinc plated
72248N	with **nylon** rod guide	zinc plated

- (2) Ø.312 [7.92] x 48.75 [1,238.3] long steel rods
- attaches to .312 [7.92] square shaft with set screw
- (2) rod guides included in set
  (see table for material option)
- no override
- see handle selection on pages 32-47

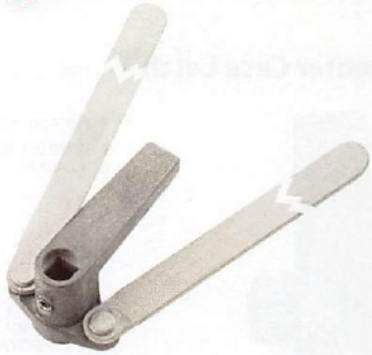


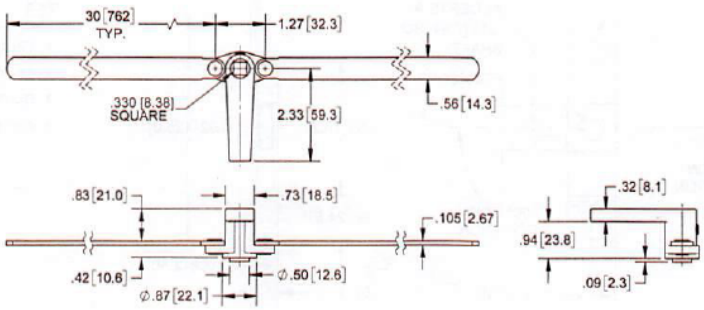
NEW

3-Point Rod Assembly

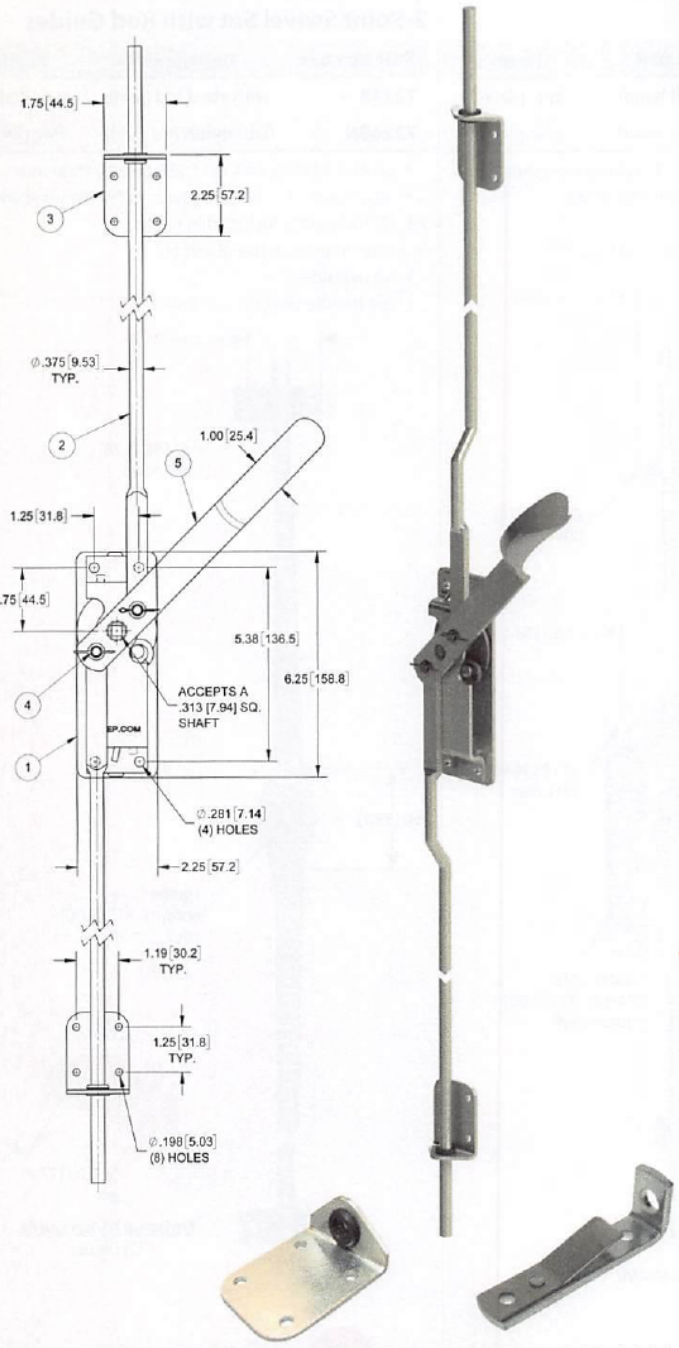
Part Number	Cam		Rods	
	Material	Finish	Material	Finish
712	die cast zinc	mill	aluminum	none

- see handle selection on pages 32-47





Two Point Latch Set



Dampening Rod Guide
part no. **718**

Spring Loaded Rod Guide
part no. **718-01**

With No Inside Release Handle & Dampening Rod Guides

Part No. 716-26		
Item	Component Part No.	Description
1	**716-25**	(1) two point center case
2	**719-48.00**	(2) 48.00 [1,219.2] x Ø.38 [9.5] connecting rods
3	**718**	(2) rod guides with rubber damper
4	**717**	(2) cotter pins and (2) wave washers

- steel, zinc plated
- each part number may be ordered separately
- no override
- see handle selection on pages 32-47

With Inside Release Handle & Dampening Rod Guides

Part No. 716-27		
Item	Component Part No.	Description
1	**716-25**	(1) two point center case
2	**719-48.00**	(2) 48.00 [1,219.2] x Ø.38 [9.5] connecting rods
3	**718**	(2) rod guides with rubber damper
4	**717**	(2) cotter pins and (2) wave washers
5	**736-01**	(1) inside release handle

- steel, zinc plated
- each part number may be ordered separately
- no override
- see handle selection on pages 32-47

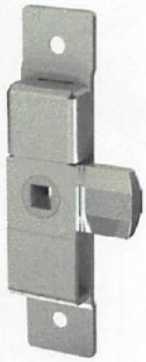
With Inside Release Handle & Spring Loaded Rod Guides

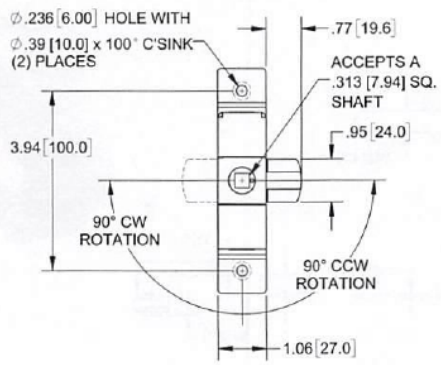
NEW

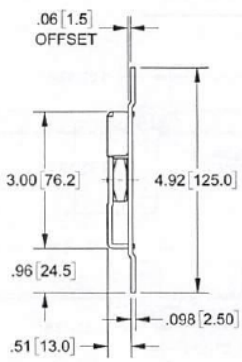
Part No. 716-28		
Item	Component Part No.	Description
1	**716-25**	(1) two point center case
2	**719-48.00**	(2) 48.00 [1,219.2] x Ø.38 [9.5] connecting rods
3	**718-01**	(2) spring loaded rod guides
4	**717**	(2) cotter pins and (2) wave washers
5	**736-01**	(1) inside release handle

- steel, zinc plated
- each part number may be ordered separately
- no override
- see handle selection on pages 32-47

Center Case Latch







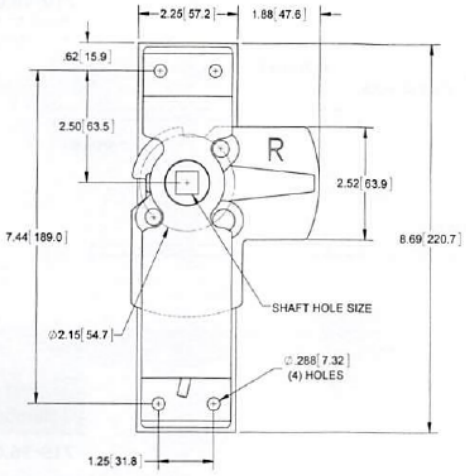
Part Number	Material	Finish
753	steel	zinc plated

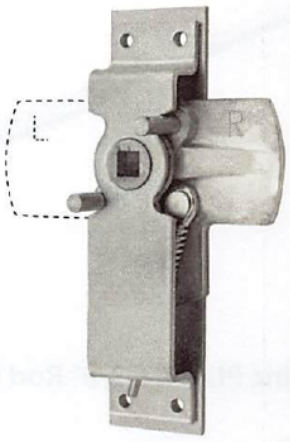
- cam rotates 180°
- cam detents every 90°
- no override
- can be used as left hand or right hand

Three Point Center Case Latches

Part Number	Style	Sq. Shaft Hole Size
729	left & right hand	.636 [16.15]
730	left & right hand	.511 [12.98]

- steel, zinc plated finish housing
- die cast zinc, mill finish cam
- used with handles that have a 180° or 360° rotation only
- with override
- see handle selection on pages 32-47
- see pgs. 190 and 191 for 316SS version



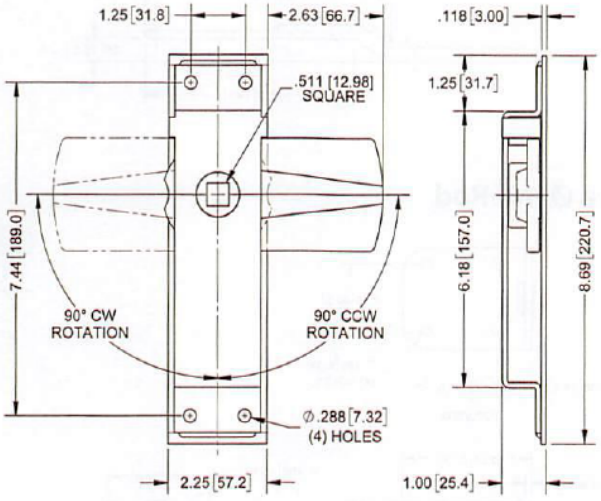


Part No. **729** & **730**

Bi-directional Center Case Latch for 1/2" Sq. Shaft

Part Number	Style	Sq. Shaft Hole Size
730-51	bi-directional	.511 [12.98]

- cam rotates 180°
- cam detents every 90°
- can be used as left hand or right hand
- no override
- see handle selection on pages 32-47

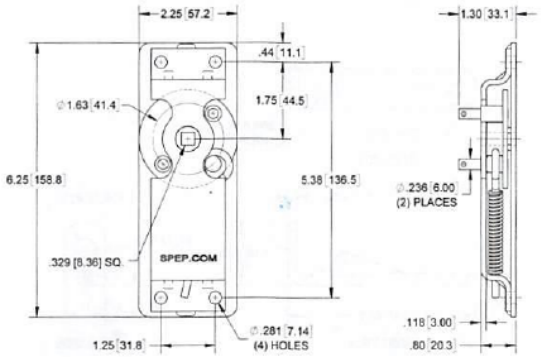




Two Point Center Case Latch for 5/16" Sq. Shaft

Part Number	Style	Sq. Shaft Hole Size
716-25	left & right hand	.329 [8.36]

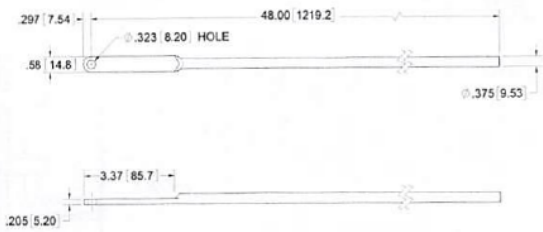
- steel, zinc plated finish
- no override
- see handle selection on pages 32-47





Straight Zinc Plated Ø3/8" Rod NEW



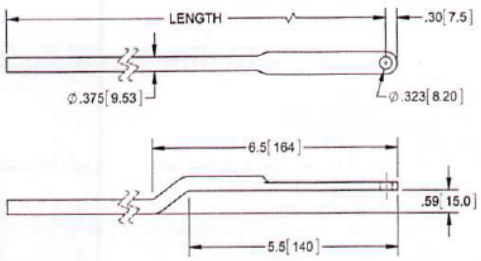


Part Number	Material	Finish
719-48.00A	steel	zinc plated

- custom lengths can be made to your specifications

Zinc Plated Ø3/8" Rod with Offset



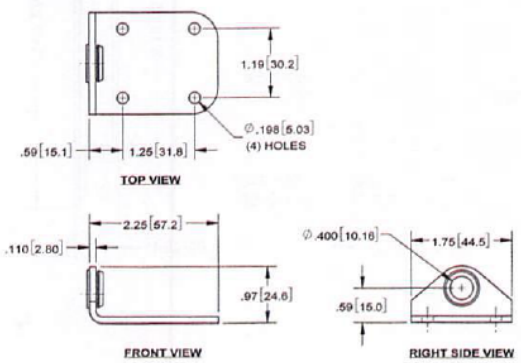


Part Number	Length	Material	Finish
719-36.00	36.00 [914.4]	steel	zinc plated
719-48.00	48.00[1,219.2]	steel	zinc plated

- custom lengths can be made to your specifications

Dampening Rod Guide for a Ø3/8" Rod



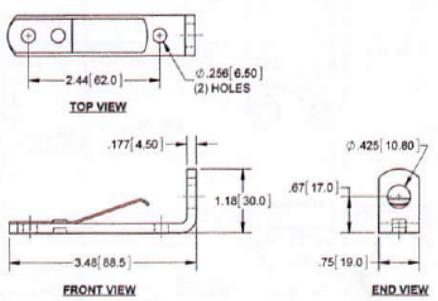


Part Number	Material	Finish
718	steel	zinc plated

- for use with part no. **719-48.00** & **719-36.00**
- rubber grommet reduces rattling

Spring Loaded Rod Guide for a Ø3/8" Rod





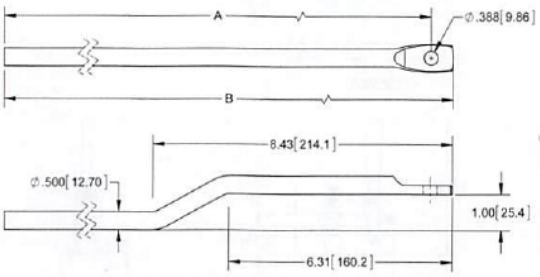
Part Number	Material	Finish
718-01	steel	zinc plated

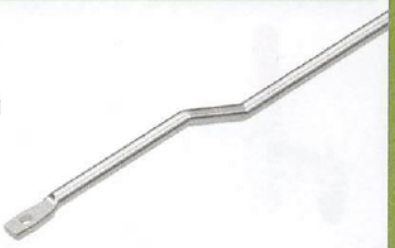
- stainless steel spring clip material
- for use with part no. **719-48.00**
- spring clip reduces rattling

Zinc Plated Ø1/2" Rod with Offset

Part Number	A	B	Material	Finish
745-36.00	35.38"	36.00"	steel	zinc plated
745-48.00	47.38"	48.00"	steel	zinc plated

- custom lengths can be made to your specifications
- for use with part no. **729-10** & **730-10**

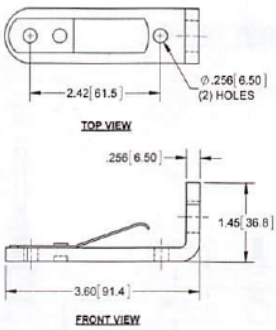




Spring Loaded Rod Guide for a Ø1/2" Rod

Part Number	Material	Finish
718-02	steel	zinc plated

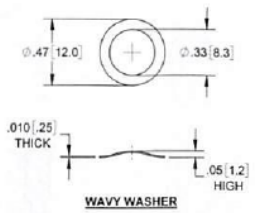
- stainless steel spring clip material
- for use with part no. **745-36.00** & **745-48.00**
- spring clip reduces rattling

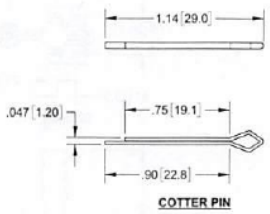




Hardware Kit for 3 Point System

Part Number	Description
717	kit includes: (2) wave disc spring washers (2) cotter pins



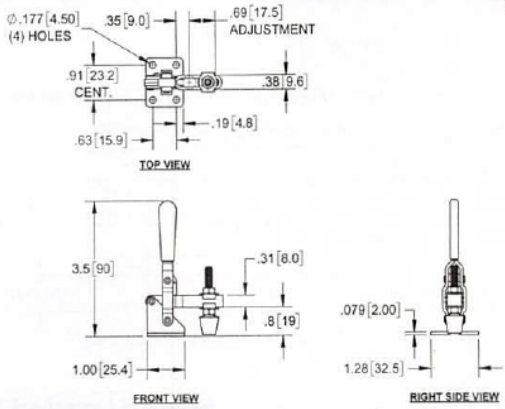




Hold Down Toggle Clamps with Open Arm, Adjustable Grip

NEW





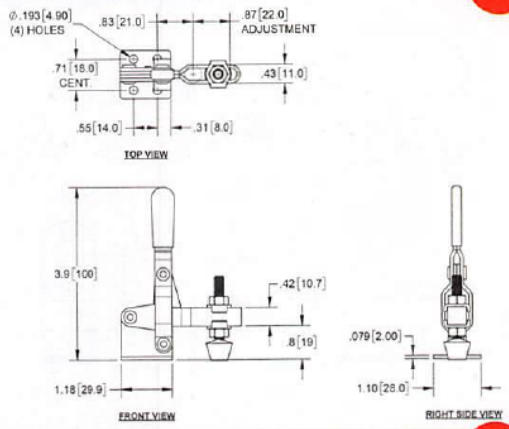
Part Number	Material	Finish
J3310	steel	zinc plated
J3310SS	stainless steel	none

- red plastic grip and rubber bumper
- holding capacity: 110 Lbs. [50 Kg]

Hold Down Toggle Clamp with Open Arm, Adjustable Grip

NEW





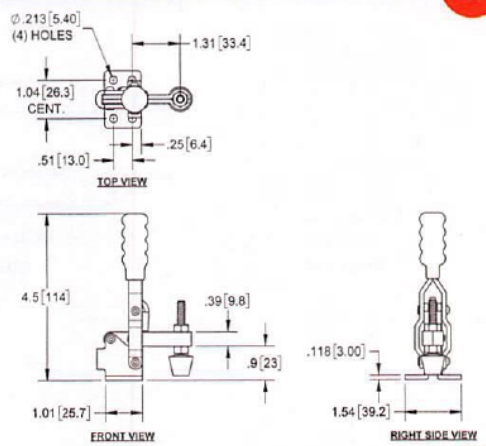
Part Number	Material	Finish
J3312	steel	zinc plated

- red plastic grip and rubber bumper
- holding capacity: 221 Lbs. [100 Kg]

Hold Down Toggle Clamp with Solid Arm, Adjustable Grip

NEW





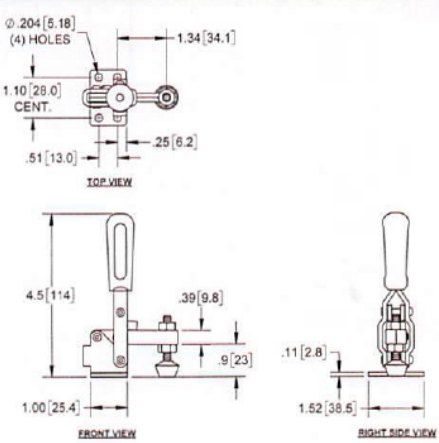
Part Number	Material	Finish
J3108	steel	zinc plated

- red plastic grip and rubber bumper
- holding capacity: 201 Lbs. [91 Kg]

Hold Down Toggle Clamp with Solid Arm, Adjustable Grip

NEW





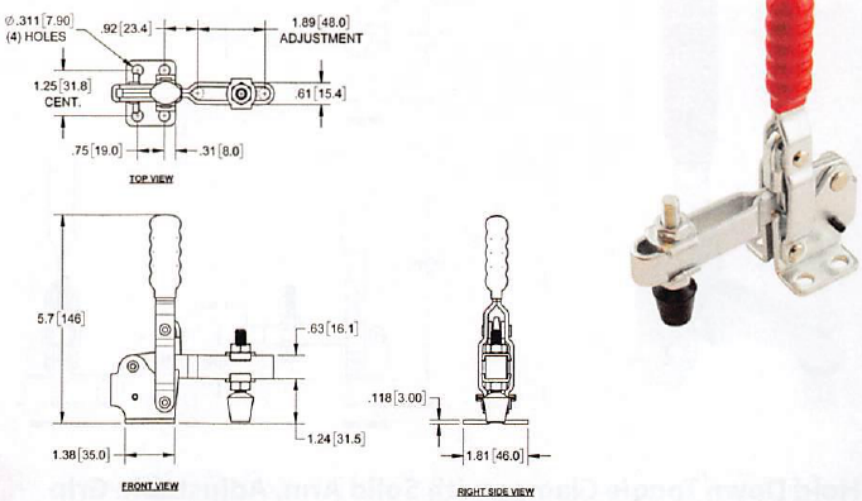
Part Number	Material	Finish
J3108SS	stainless steel	zinc plated

- red plastic grip and rubber bumper
- holding capacity: 201 Lbs. [91 Kg]

NEW Hold Down Toggle Clamps with Open Arm, Adjustable Grip

Part Number	Material	Finish
J3314	steel	zinc plated
J3314SS	stainless steel	none

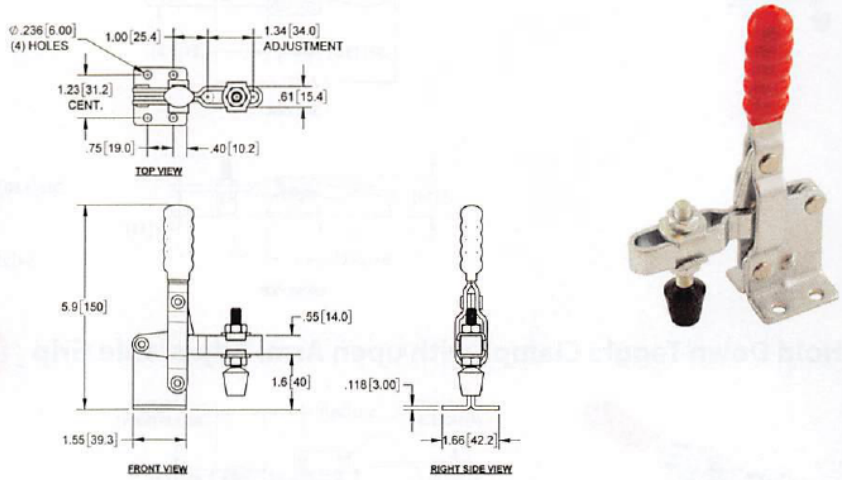
- red plastic grip and rubber bumper
- holding capacity: 501 Lbs. [227 Kg]



NEW Steel Hold Down Toggle Clamp with Open Arm, Adjustable Grip

Part Number	Material	Finish
J3311	steel	zinc plated

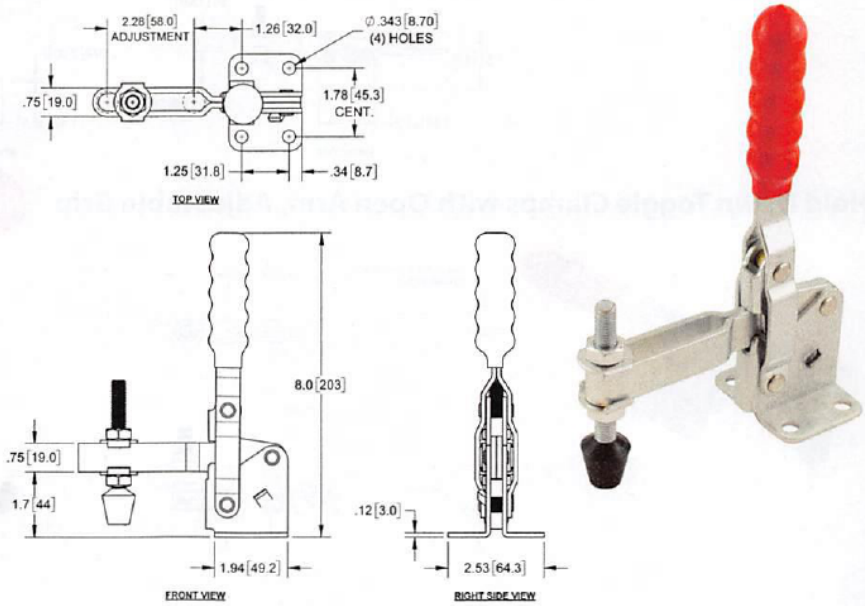
- red plastic grip and rubber bumper
- holding capacity: 397 Lbs. [180 Kg]



NEW Steel Hold Down Toggle Clamp with Open Arm, Adjustable Grip

Part Number	Material	Finish
J3326	steel	zinc plated

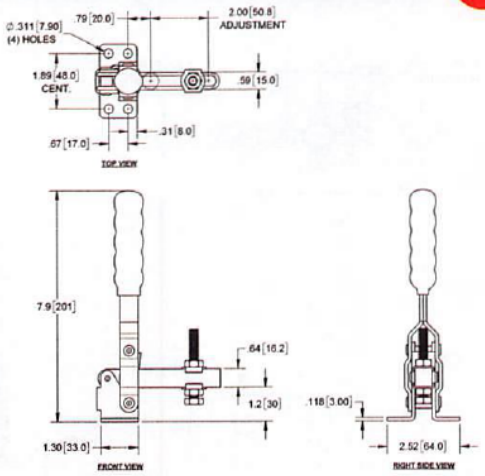
- red plastic grip and rubber bumper
- holding capacity: 750 Lbs. [340 Kg]



Hold Down Toggle Clamp with Open Arm, Adjustable Grip

NEW





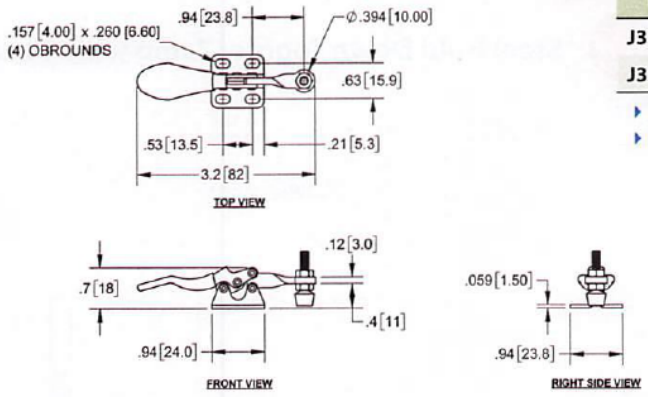
Part Number	Material	Finish
J3313	steel	zinc plated

- red plastic grip
- holding capacity: 441 Lbs. [200 Kg]

Hold Down Toggle Clamps with Solid Arm, Adjustable Grip

NEW





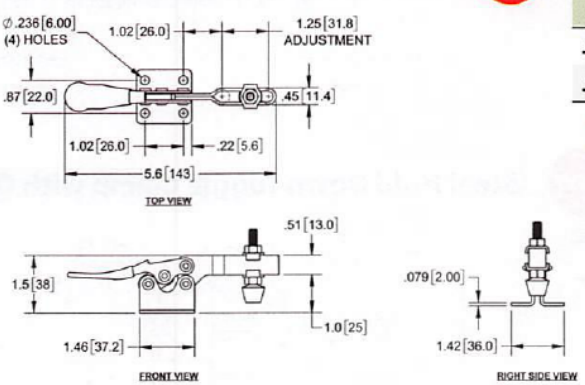
Part Number	Material	Finish
J3315	steel	zinc plated
J3315SS	stainless steel	none

- red plastic grip and rubber bumper
- holding capacity: 60 Lbs. [27 Kg]

Hold Down Toggle Clamps with open Arm, Adjustable Grip

NEW





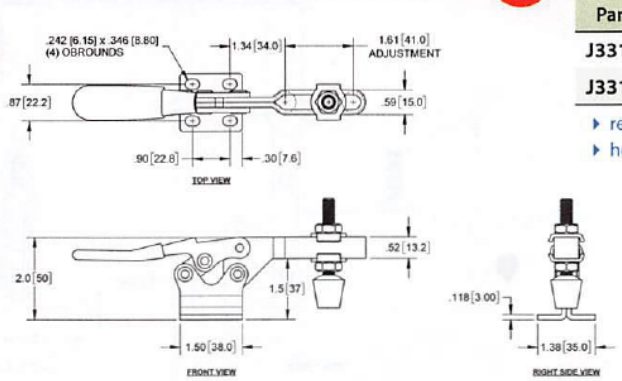
Part Number	Material	Finish
J3316	steel	zinc plated
J3316SS	stainless steel	none

- red plastic grip and rubber bumper
- holding capacity: 199 Lbs. [90 Kg]

Hold Down Toggle Clamps with Open Arm, Adjustable Grip

NEW





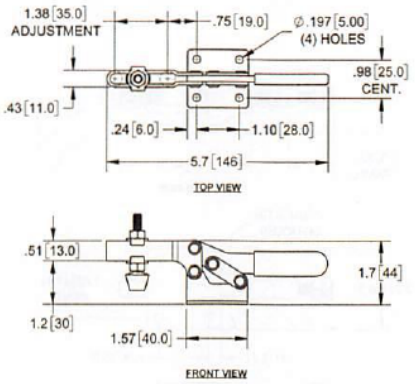
Part Number	Material	Finish
J3319	steel	zinc plated
J3319SS	stainless steel	none

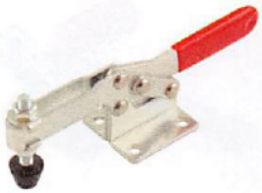
- red plastic grip and rubber bumper
- holding capacity: 501 Lbs. [227 Kg]

NEW Hold Down Toggle Clamp with Open Arm, Adjustable Grip

Part Number	Material	Finish
J3317	steel	zinc plated

- red plastic grip and rubber bumper
- holding capacity: 221 Lbs. [100 Kg]

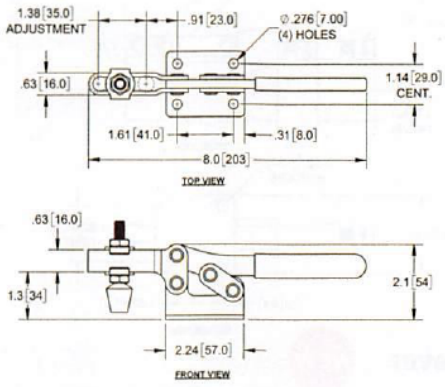




NEW Hold Down Toggle Clamp with Open Arm, Adjustable Grip

Part Number	Material	Finish
J3318	steel	zinc plated

- red plastic grip and rubber bumper
- holding capacity: 501 Lbs. [227 Kg]

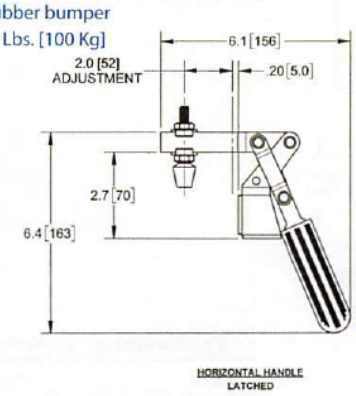


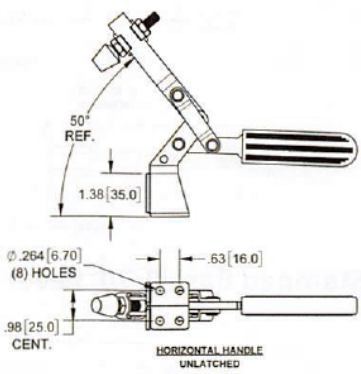


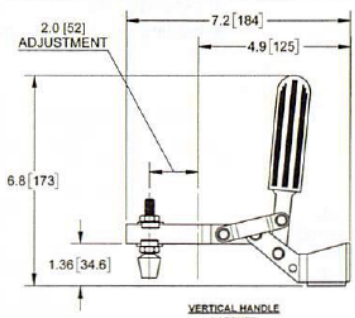
NEW Hold Down Toggle Clamp, Adjustable Grip

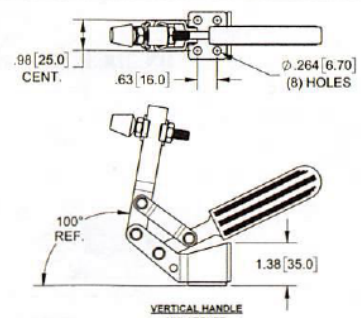
Part Number	Material	Finish
J3327	steel	zinc plated

- red plastic grip and rubber bumper
- holding capacity: 221 Lbs. [100 Kg]





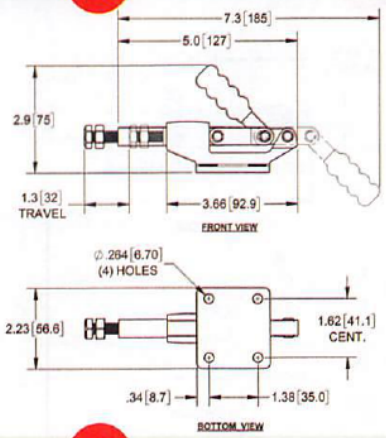






Push Pull Toggle Clamp with 45° Lever NEW



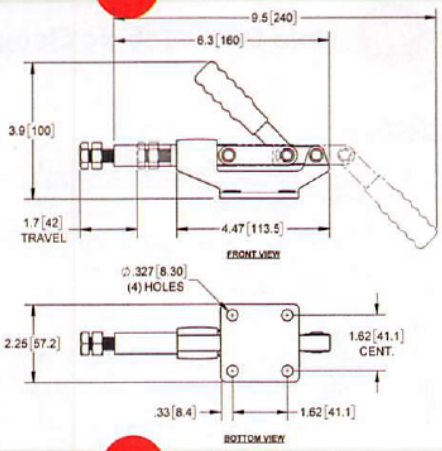


Part Number	Material	Finish
J3321	steel	zinc plated

- red plastic grip
- black painted base
- holding capacity: 501 Lbs. [227 Kg]

Push Pull Toggle Clamp with 45° Lever NEW

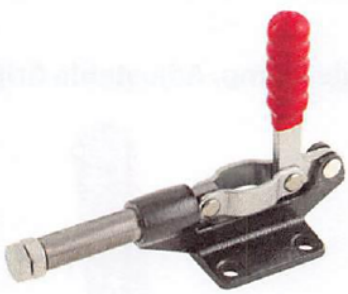


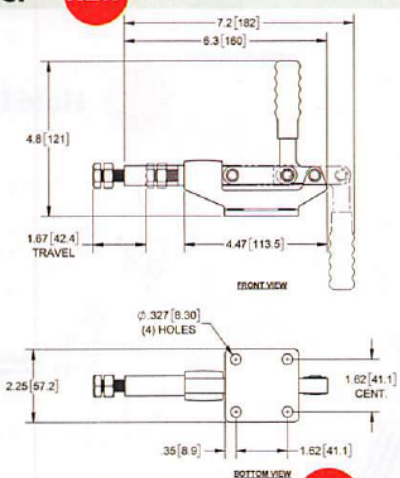


Part Number	Material	Finish
J3322	steel	zinc plated

- red plastic grip
- black painted base
- holding capacity: 851 Lbs. [386 Kg]

Push Pull Toggle Clamp with 90° Lever NEW



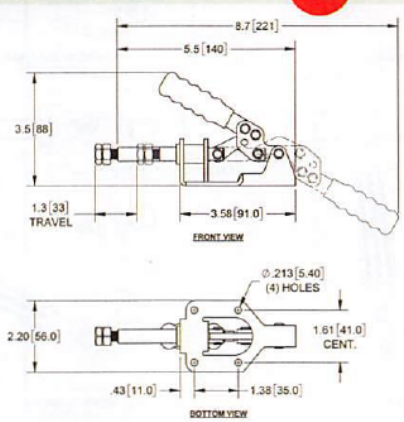


Part Number	Material	Finish
J3323	steel	zinc plated

- red plastic grip
- black painted base
- holding capacity: 851 Lbs. [386 Kg]

Push Pull Toggle Clamp with Stamped Base & 30° Lever NEW





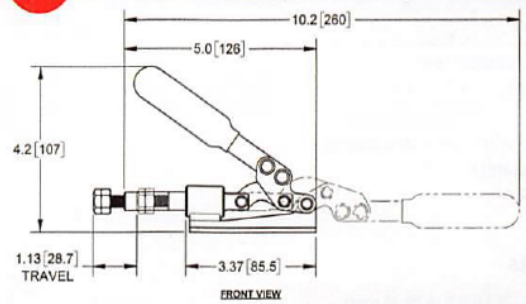
Part Number	Material	Finish
J3320	steel	zinc plated

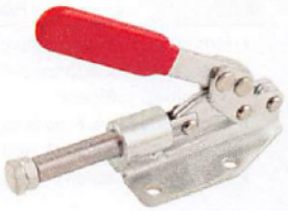
- red plastic grip
- holding capacity: 300 Lbs. [136 Kg]

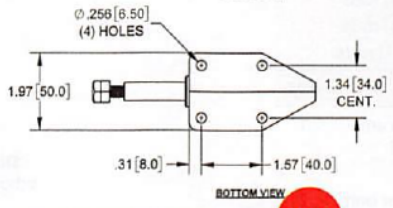
NEW Push Pull Toggle Clamp with Stamped Base & 35° Lever

Part Number	Material	Finish
J3324	steel	zinc plated

- red plastic grip
- holding capacity: 397 Lbs. [180 Kg]



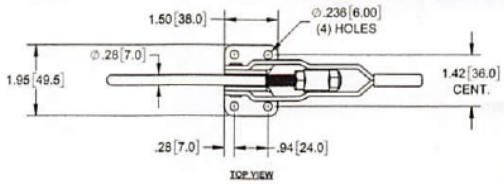




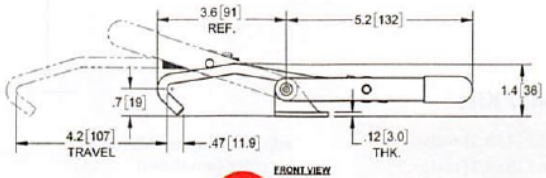
NEW Toggle Latch with Adjustable Hook

Part Number	Material	Finish
J3325	steel	zinc plated

- red plastic grip
- holding capacity: 375 Lbs. [170 Kg]



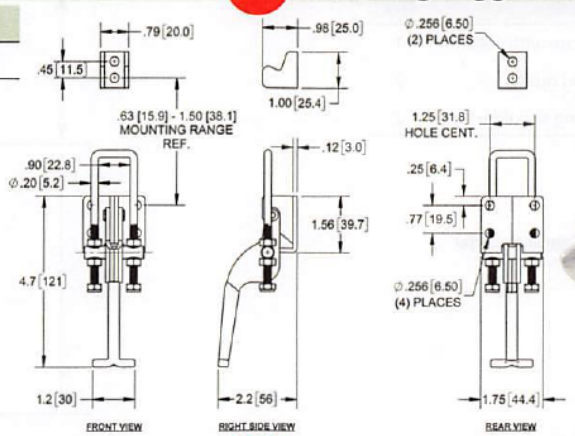


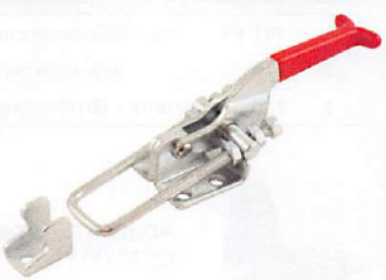


NEW Latching Toggle Clamp with Adjustable U-Bolt

Part Number	Material	Finish
J3328	steel	zinc plated

- red plastic grip
- holding capacity: 701 Lbs. [318 Kg]

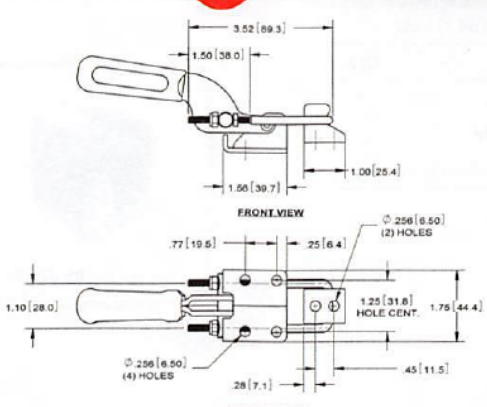


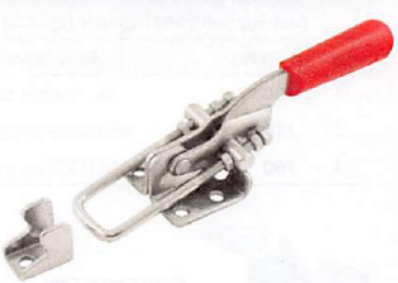


NEW Latching Toggle Clamp with Adjustable U-Bolt

Part Number	Material	Finish
J3109	stainless steel	mill

- red plastic grip
- holding capacity: 722 Lbs. [350 Kg]





Three Point Cabinet Latches with Tubular Rods

Features

- rods made of strong lightweight tubular steel
- rods can be made to special lengths or different hole patterns if volume is sufficient
- all components are made of steel with a clear zinc plated finish and can be purchased separately
- see handle selection on pages 32-47

Adjustable Center Cam Kits

part number 7080 includes (2) 18.83 [478.3] rods
part number 7081 includes (2) 33.83 [859.3] rods
part number 7082 includes (2) 45.83 [1164.1] rods

Item	Part No.	Description	Qty.
1	**701**	adjustable nylon roller center cam	1
2	**710**	adjustable rod guide	2
3	**760**	5/16-18 x .60 [15.2] long shoulder bolt	2

- available in stainless steel as part no. **7082SS**



Adjustable Center Cam
part no. **701**

Adjustable Center Cam with Collar Kits

part number 7090 includes (2) 18.83 [478.3] rods
part number 7091 includes (2) 33.83 [859.3] rods
part number 7092 includes (2) 45.83 [1164.1] rods

Item	Part No.	Description	Qty.
1	**701-01**	adjustable center cam with collar	1
2	**710**	adjustable rod guide	2
3	**760**	5/16-18 x .60 [15.2] long shoulder bolt	2



Adjustable Center Cam with Collar
part no. **701-01**

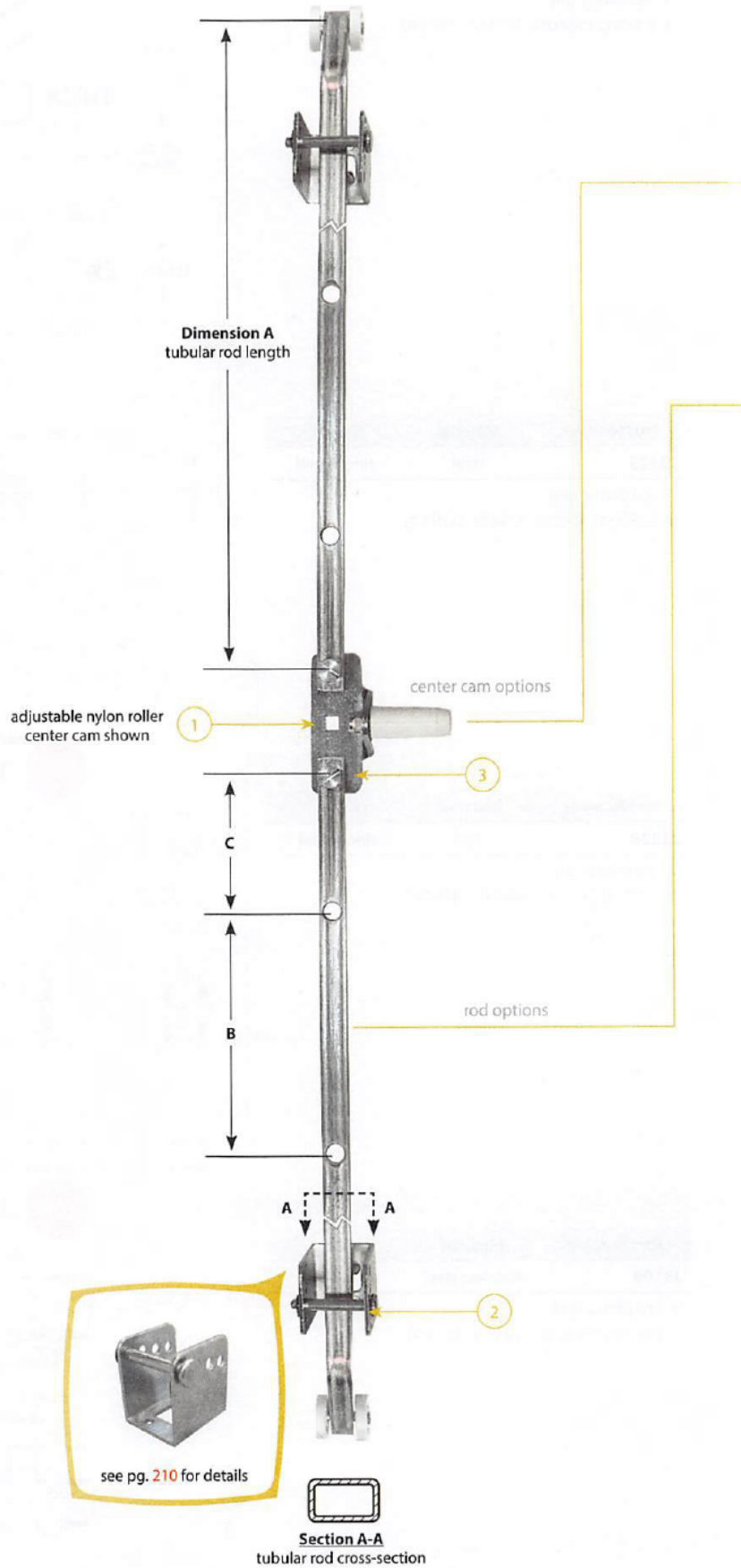
Fixed Center Cam Kits

part number 7085 includes (2) 18.83 [478.3] rods
part number 7086 includes (2) 33.83 [859.3] rods
part number 7087 includes (2) 45.83 [1164.1] rods

Item	Part No.	Description	Qty.
1	**700**	fixed center cam	1
2	**710**	adjustable rod guide	2
3	**760**	5/16-18 x .60 [15.2] long shoulder bolt	2



Fixed Center Cam
part no. **700**



Three Point Cabinet Latches with Tubular Rods

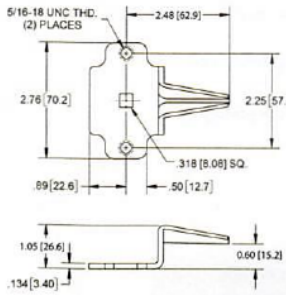
Build Your Own Cabinet Latch Kit

708 - A - 762-11.375 → **Example Part No.**

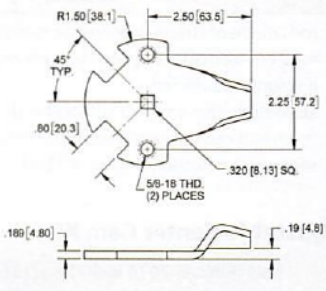
- rod part numbers (2 pcs.) (see tubular rod options below)
- cam style
- base part number includes:
  - **710** adjustable rod guide (2pcs.)
  - **760** 5/16-18 shoulder bolt (2pcs.)

Center Cam Options

Options	Part No.	Description
A	**700**	.60 [15.2] offset center cam
B	**700-01**	.187 [4.75] offset center cam
C	**701**	adjustable nylon roller center cam
D	**701-01**	adjustable nylon roller center cam with weld collar

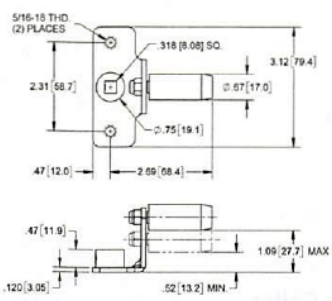


option A
part no. 700

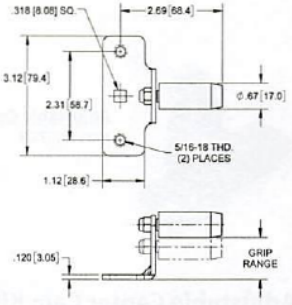


option B
part no. 700-01

option D
part no. 701-01

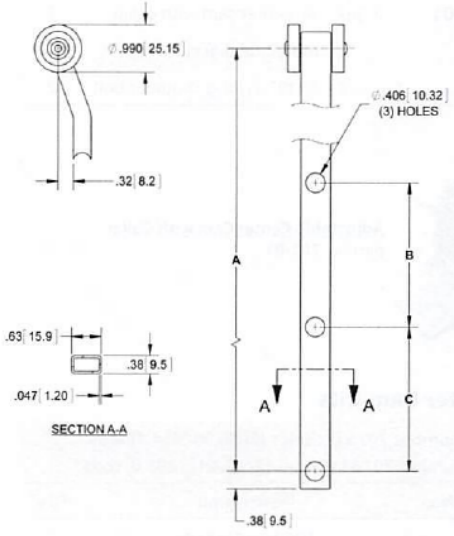


option C
part no. 701



Tubular Rod Options

Part No.	Dimension A	Dimension B	Dimension C	Material
762	18.83 [478.3]	6.00 [152.4]	3.00 [76.2]	steel
762SS	18.83 [478.3]	6.00 [152.4]	3.00 [76.2]	304 SS
762-11.375	11.38 [289.1]	N/A	N/A	steel
762-12.875	12.88 [327.2]	N/A	N/A	steel
762-12.937	12.94 [328.7]	6.00	3.00	steel
762-15.75	15.75 [400.1]	N/A	N/A	steel
762-7.875	7.88 [200.2]	N/A	N/A	steel
765	33.83 [859.3]	6.00 [152.4]	6.00 [152.4]	steel
765SS	33.83 [859.3]	6.00 [152.4]	6.00 [152.4]	304SS
765-15.875	15.88 [403.4]	N/A	N/A	steel
765-15.937	15.94 [404.9]	6.00 [152.4]	6.00 [152.4]	steel
765-18.25	18.25 [463.6]	6.00 [152.4]	6.00 [152.4]	steel
765-18.875	18.88 [479.6]	N/A	N/A	steel
765-23.875	23.88 [606.6]	N/A	N/A	steel
765-24.875	24.88 [632.0]	6.00 [152.4]	6.00 [152.4]	steel
765-29.875	29.88 [759.0]	N/A	N/A	steel
765-9.875	9.88 [251.0]	N/A	N/A	steel
768	45.83 [1164.1]	3.00 [76.2]	3.00 [76.2]	steel
768SS-01	45.83 [1164.1]	3.00 [76.2]	3.00 [76.2]	304SS
768-21.875	21.88 [555.8]	N/A	N/A	steel
768-27.875	27.88 [708.2]	N/A	N/A	steel
768-30.06	30.06 [763.5]	N/A	N/A	steel
768-33.875	33.88 [860.6]	N/A	N/A	steel
768-38.875	38.88 [987.6]	N/A	N/A	steel
768-39.19	39.19 [995.4]	N/A	N/A	steel
768-41.50	41.50 [1054.1]	N/A	N/A	steel
768-41.875	41.88 [1063.8]	N/A	3.00	steel
768-44.375	44.38 [1127.3]	3.00 [76.2]	3.00 [76.2]	steel
769	no holes 49.00 [1244.6] total center to end rod length			steel
768SS	no holes 46.21 [1173.7] total center to end rod length			304SS



- easy installation
- nylon rollers for smooth operation
- rods can be made to custom lengths and hole patterns if order volume is sufficient
- steel rods finish: zinc plated
- 304SS rods finish: mill

Three Point Cabinet Latches with Channel Rods

Features

- rods made of strong lightweight channel steel
- rods can be made to special lengths or different hole patterns if volume is sufficient
- all components are made of steel with a clear zinc plated finish and can be purchased separately
- see handle selection on pages 32-47

Adjustable Center Cam Kits

part number **7070** includes (2) 36.00 [914.4] rods
part number **7071** includes (2) 47.44 [1205.0] rods

Item	Part No.	Description	Qty.
1	**701**	adjustable nylon roller center cam	1
2	**702**	rod guide bracket	2
3	**703**	5/16-18 x .87 [22.1] long shoulder bolt	2



Adjustable Center Cam
part no. **701**

Adjustable Center Cam Kits with Collar

part number **7073** includes (2) 36.00 [914.4] rods
part number **7074** includes (2) 47.44 [1205.0] rods

Item	Part No.	Description	Qty.
1	**701-01**	adjustable center cam with collar	1
2	**702**	rod guide bracket	2
3	**703**	5/16-18 x .87 [22.1] long shoulder bolt	2



Adjustable Center Cam with Collar
part no. **701-01**

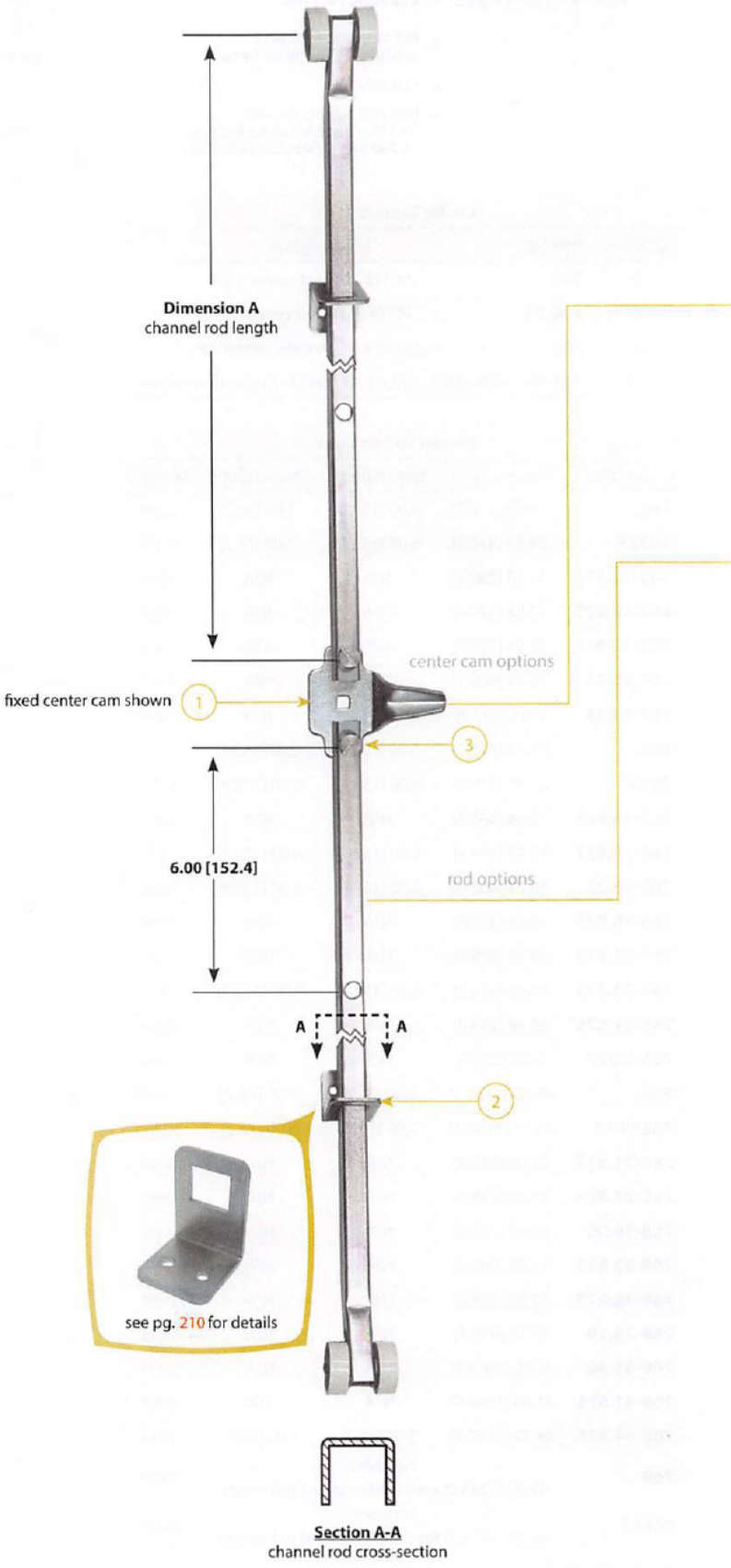
Fixed Center Cam Kits

part number **7075** includes (2) 36.00 [914.4] rods
part number **7076** includes (2) 47.44 [1205.0] rods

Item	Part No.	Description	Qty.
1	**700**	fixed center cam	1
2	**702**	rod guide bracket	2
3	**703**	5/16-18 x .87 [22.1] long shoulder bolt	2



Fixed Center Cam
part no. **700**



Section A-A
channel rod cross-section

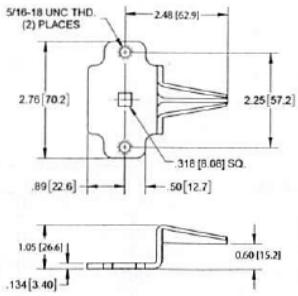
Download 3D MODELS @ www.spep.com

Three Point Cabinet Latches with Channel Rods

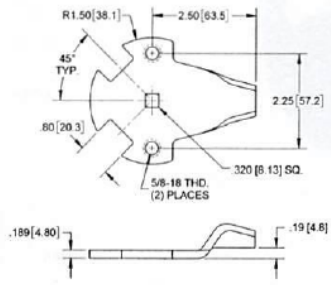
Build Your Own Cabinet Latch Kit

707 - A - 704-36.00 → **Example Part No.**

- rod part numbers (2 pcs.) (see channel rod options below)
- cam style
- base part number includes:
  - **702** rod guide bracket (2pcs.)
  - **703** 5/16-18 shoulder bolt (2pcs.)



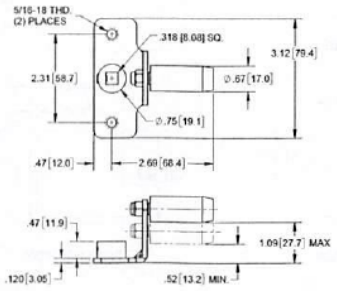
option A
part no. 700



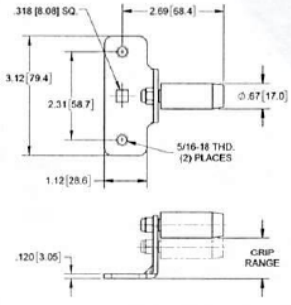
option B
part no. 700-01

Center Cam Options		
Options	Part No.	Description
A	**700**	.60 [15.2] offset center cam
B	**700-01**	.187 [4.75] offset center cam
C	**701**	adjustable nylon roller center cam
D	**701-01**	adjustable nylon roller center cam with weld collar

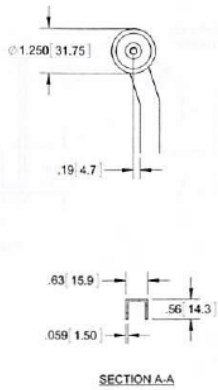
option D
part no. 701-01

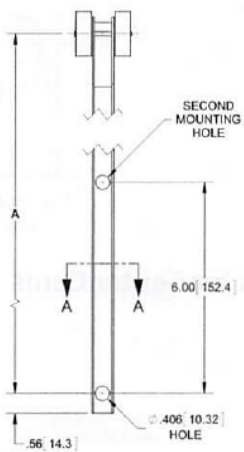


option C
part no. 701



Channel Rod Options	
Part No.	Dimension A
704*	36.00 [914.4]
704-24.20*	24.20 [614.9]
705*	47.44 [1205.0]
705-01*	37.08 [941.8]
705-02*	41.70 [1059.2]
705-05	9.88 [251.0]
705-06	12.88 [327.2]
705-07	15.88 [403.4]
705-08	18.88 [479.6]
705-09	22.00 [558.8]
705-10	21.88 [555.8]
705-11	18.25 [463.6]
705-12	24.88 [632.0]
705-13	27.50 [698.5]
705-14	27.88 [708.2]
705-15	33.50 [850.9]
705-16	33.88 [860.6]
705-17	45.50 [1155.7]
705-18	38.72 [983.5]
705-22	23.88 [606.6]
705-23	11.38 [289.1]
705-24	12.94 [328.7]
705-25	15.94 [404.9]
705-26	7.88 [200.2]
705-27	38.88 [987.6]
705-28	29.88 [759.0]

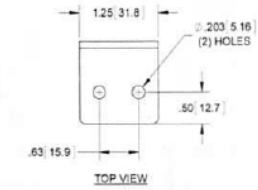


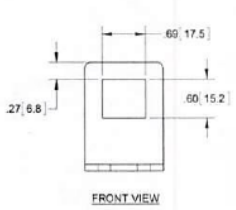


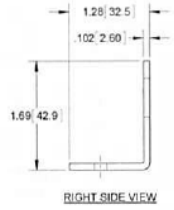
- * these parts have second mounting hole
- easy installation
- high impact plastic rollers for smooth operation
- made of strong lightweight channel steel with a clear zinc plated finish
- rods can be made to custom lengths and hole patterns if order volume is sufficient

Fixed Rod Guide







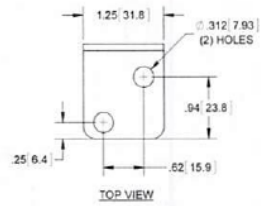


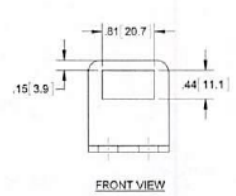
Part Number	Material	Finish
702	steel	zinc plated

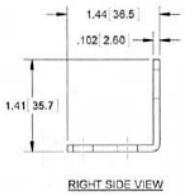
› use with tubular rods on pg. 207

Fixed Rod Guide







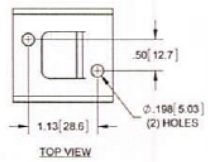


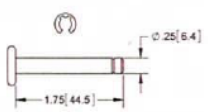
Part Number	Material	Finish
702-01	steel	zinc plated

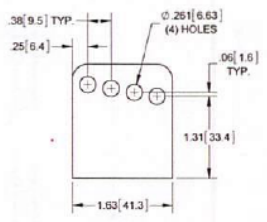
› use with tubular rods on pg. 207

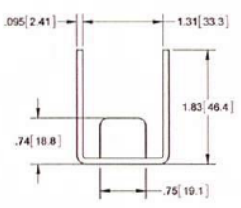
Adjustable Rod Guide









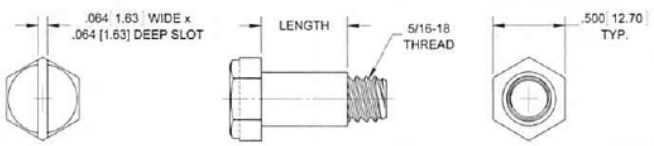


Part Number	Material	Finish
710	steel	zinc plated
710SS	304SS	passivated
710A	aluminum guide & 304SS pin	tumbled
711	steel	mill guide & zinc plated pin

› use with tubular rods on pg. 207

Shoulder Bolts for Center Cams





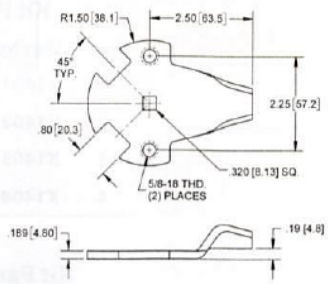
Part Number	Length	Material	Finish
703	.594 [15.09]	steel	zinc plated
760	.391 [9.93]	steel	zinc plated
760SS	.391 [9.93]	304SS	tumbled

› part no. **703** is used on channel rods on page 209
› part no. **760** & **760SS** are used on tubular rods on page 207

Offset Center Cam

Part Number	Material	Finish
700-01	steel	zinc plated

- refer to previous page for shoulder bolt
- for use with handles that have a .313 [8.00] sq. shaft

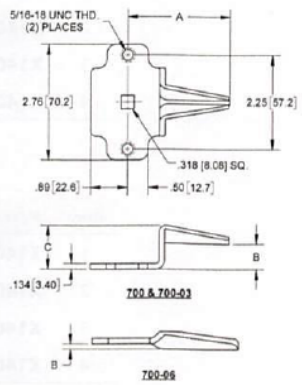




Offset Center Cams

Part Number	Material	Finish	A	B	C
700	steel	zinc plated	2.48 [63.0]	.60 [15.2]	1.05 [26.7]
700-03			2.65 [67.3]	.50 [12.7]	.97 [24.6]
NEW 700-06			2.65 [67.3]	0.11 [2.73]	N/A

- refer to previous page for shoulder bolt
- for use with handles that have a .313 [8.00] sq. shaft

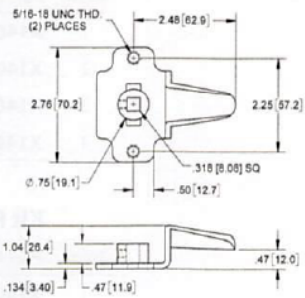




Offset Center Cam with Collar

Part Number	Material	Finish
700-02	steel	zinc plated

- refer to previous page for shoulder bolt
- for use with handles that have a .313 [8.00] sq. shaft

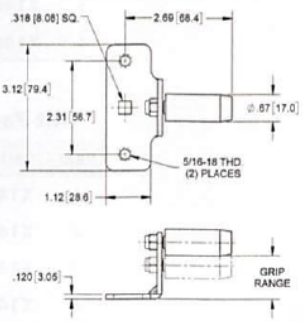




Adjustable Center Cam

Part No.	Material	Finish	Grip Range
701	steel	zinc plated	.52 [13.2] - 1.09 [27.7]
701SS	304SS	mill	.52 [13.2] - 1.09 [27.7]
NEW 701-10	steel	zinc plated	.13 [3.2] - 1.09 [27.7]

- refer to previous page for shoulder bolt
- for use with handles that have a .313 [8.00] sq. shaft

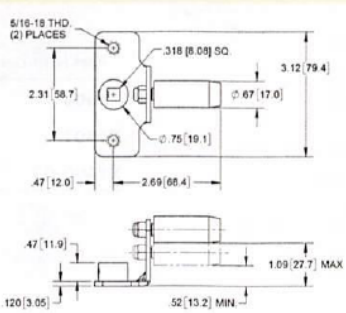




Adjustable Center Cam with Collar

Part Number	Material	Finish
701-01	steel	zinc plated

- refer to previous page for shoulder bolt
- for use with handles that have a .313 [8.00] sq. shaft





NEMA Clip Assembly Kits with Standard Bracket

316SS

Features
▸ all parts meet NEMA 12 enclosure access requirements
▸ all sub-components may be purchased separately





Kit Part No. 14SS - 1/4-20 Stainless Steel Bracket

Item	Part Number	Qty.	Description
1	X1401	1	304SS standard bracket
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1404-03	1	1/4-20 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 14SS01 - 1/4-28 Stainless Steel Bracket

Item	Part Number	Qty.	Description
1	X1401	1	304SS standard bracket
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1405-03	1	1/4-28 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 14ZN - 1/4-20 Steel Bracket

Item	Part Number	Qty.	Description
1	X1400	1	zinc plated standard bracket
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1404-03	1	1/4-20 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 14ZN01 - 1/4-28 Steel Bracket

Item	Part Number	Qty.	Description
1	X1400	1	zinc plated standard bracket
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1405-03	1	1/4-28 x .75 [19.1] long slotted hex bolt, 316SS

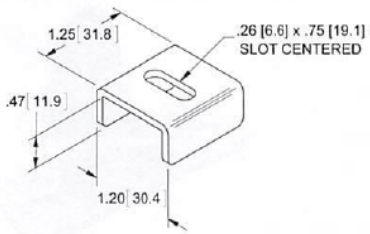
Kit Part No. 14SST - 1/4-20 Stainless Steel Bracket

Item	Part Number	Qty.	Description
1	X1400-03	1	316SS standard bracket
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D washer, 316SS
4	X1404-03	1	1/4-20 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 14SST01 - 1/4-28 Stainless Steel Bracket

Item	Part Number	Qty.	Description
1	X1400-03	1	304SS standard bracket
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D washer, 316SS
4	X1405-03	1	1/4-28 x .75 [19.1] long slotted hex bolt, 316SS

NEMA Hold-down Clamp



Part Number	Material	Finish	Material Thickness
X1400	steel	zinc plated	.098 [2.49]
X1401	304SS	tumbled	.098 [2.49]
X1400-03	316SS	tumbled	.098 [2.49]

316SS

NEMA Clip Assembly Kits with Clamp Bracket

Kit Part No. 1491SS - 1/4-20 Stainless Steel Clamp

Item	Part Number	Qty.	Description
1	1490SS	1	304SS clamp bracket
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1404-03	1	1/4-20 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 1491SS01 - 1/4-28 Stainless Steel Clamp

Item	Part Number	Qty.	Description
1	1490SS	1	304SS clamp bracket
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1405-03	1	1/4-28 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 1491ZN - 1/4-20 Steel Clamp

Item	Part Number	Qty.	Description
1	1490ZN	1	zinc plated clamp bracket
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1404-03	1	1/4-20 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 1491ZN01 - 1/4-28 Steel Clamp

Item	Part Number	Qty.	Description
1	1490ZN	1	zinc plated clamp bracket
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1405-03	1	1/4-28 x .75 [19.1] long slotted hex bolt, 316SS

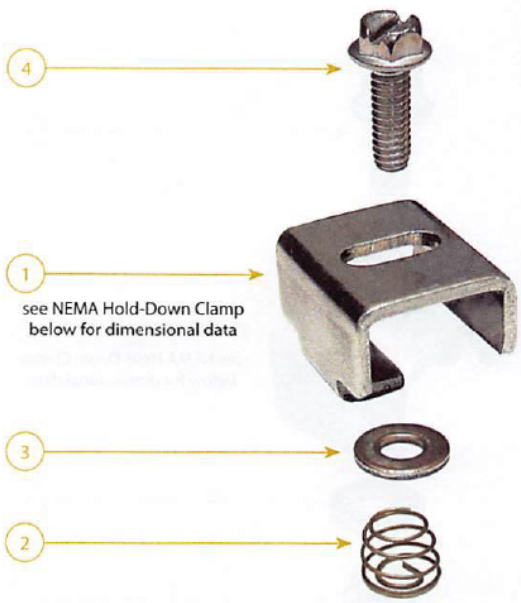
Kit Part No. 1491SS04 - 1/4-28 316SS Clamp

Item	Part Number	Qty.	Description
1	1490SS01	1	clamp bracket, 316SS
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1405-03	1	1/4-28 x .75 [19.1] long slotted hex bolt, 316SS

Features

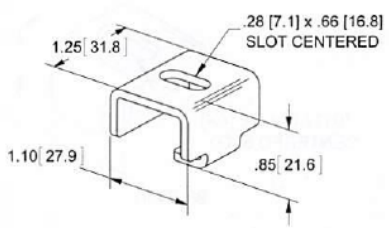
- all parts meet NEMA 4 enclosure access requirements
- all sub-components may be purchased separately





NEMA Hold-down Clamp

Part Number	Material	Finish	Material Thickness
1490ZN	steel	zinc plated	.095 [2.41]
1490SS	304SS	tumbled	.095 [2.41]
1490SS01	316SS	tumbled	.095 [2.41]



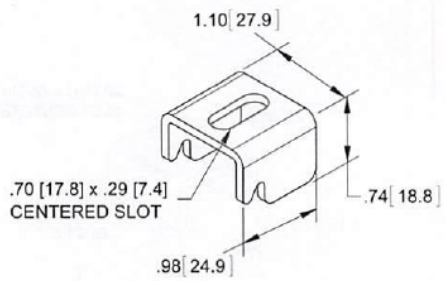
NEMA Clip Assembly Kits with Hook Bracket

316SS

Features
▸ all parts meet NEMA 4 enclosure access requirements
▸ all sub-components may be purchased separately







Clamp Bracket Details

Kit Part No. 1492SS - 1/4-20 Stainless Steel Clamp

Item	Part Number	Qty.	Description
1	X1407SS	1	clamp bracket - 304SS, tumbled, .095 [2.41] thick
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1404-03	1	1/4-20 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 1492SS01 - 1/4-28 Stainless Steel Clamp

Item	Part Number	Qty.	Description
1	X1407SS	1	clamp bracket - 304SS, tumbled, .095 [2.41] thick
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1405-03	1	1/4-28 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 1492ZN - 1/4-20 Steel Clamp

Item	Part Number	Qty.	Description
1	X1407ZN	1	clamp bracket - steel, zinc plated, .095 [2.41] thick
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1404-03	1	1/4-20 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 1492ZN01 - 1/4-28 Steel Clamp

Item	Part Number	Qty.	Description
1	X1407ZN	1	clamp bracket - steel, zinc plated, .095 [2.41] thick
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1405-03	1	1/4-28 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 1492SS05 - 1/4-20 316SS Clamp

Item	Part Number	Qty.	Description
1	X1407SS01	1	clamp bracket - 316SS, tumbled, .095 [2.41] thick
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1404-03	1	1/4-20 x .75 [19.1] long slotted hex bolt, 316SS

Kit Part No. 1492SS04 - 1/4-28 316SS Clamp

Item	Part Number	Qty.	Description
1	X1407SS01	1	clamp bracket - 316SS, tumbled, .095 [2.41] thick
2	X1402-01	1	spring, 316SS
3	X1403-01	1	.63 [15.9] O.D. washer, 316SS
4	X1405-03	1	1/4-28 x .75 [19.1] long slotted hex bolt, 316SS

316SS

NEMA Lever Clamp Assembly Kits

Kit Part No. 15ZN - 1/4-20 Steel Lever

Part Number	Qty.	Description
1450ZN	1	1/4-28 lever clamp, steel
1490ZN	1	hold-down clamp, steel
X1402-01	1	spring, 316SS
X1403-01	1	.63 [15.9] O.D. washer, 316SS
X1406-01	1	.50 [12.7] O.D. washer, 316SS

Kit Part No. 15SS - 1/4-28 Stainless Steel Lever

Part Number	Qty.	Description
1450SS	1	1/4-28 lever clamp, 304SS
1490SS	1	hold-down clamp, 304SS
X1402-01	1	spring, 316SS
X1403-01	1	.63 [15.9] O.D. washer, 316SS
X1406-01	1	.50 [12.7] O.D. washer, 316SS

Kit Part No. 15SS01 - 1/4-20 Stainless Steel Lever

Part Number	Qty.	Description
1451SS	1	1/4-20 lever clamp, 304SS
1490SS	1	hold-down clamp, 304SS
X1402-01	1	spring, 316SS
X1403-01	1	.63 [15.9] O.D. washer, 316SS
X1406-01	1	.50 [12.7] O.D. washer, 316SS

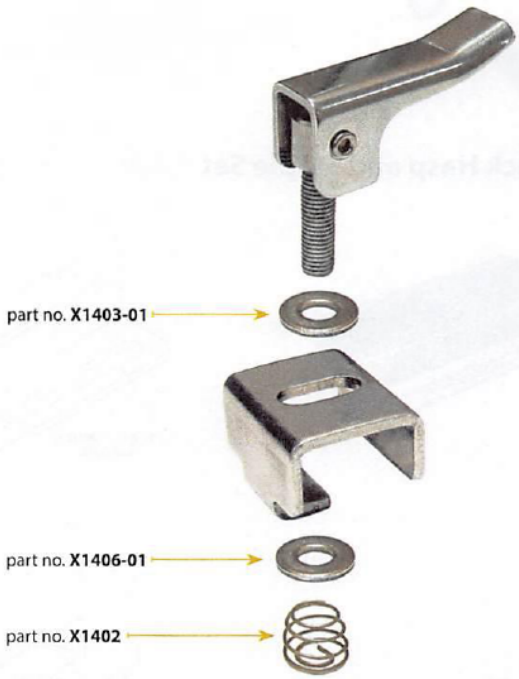
Kit Part No. 15SS02 - 1/4-28 316SS Lever

Part Number	Qty.	Description
1450SS-02	1	1/4-28 lever clamp, 316SS
1490SS01	1	hold-down clamp, 316SS
X1402-01	1	spring, 316SS
X1403-01	1	.63 [15.9] O.D. washer, 316SS
X1406-01	1	.50 [12.7] O.D. washer, 316SS

Features

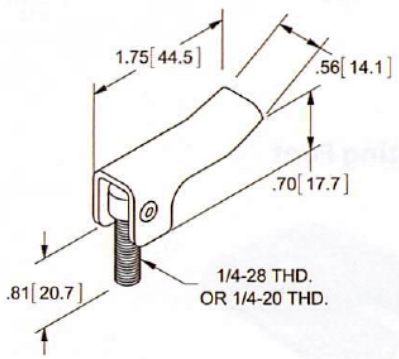
- all parts meet NEMA 12 enclosure access requirements
- all sub-components may be purchased separately



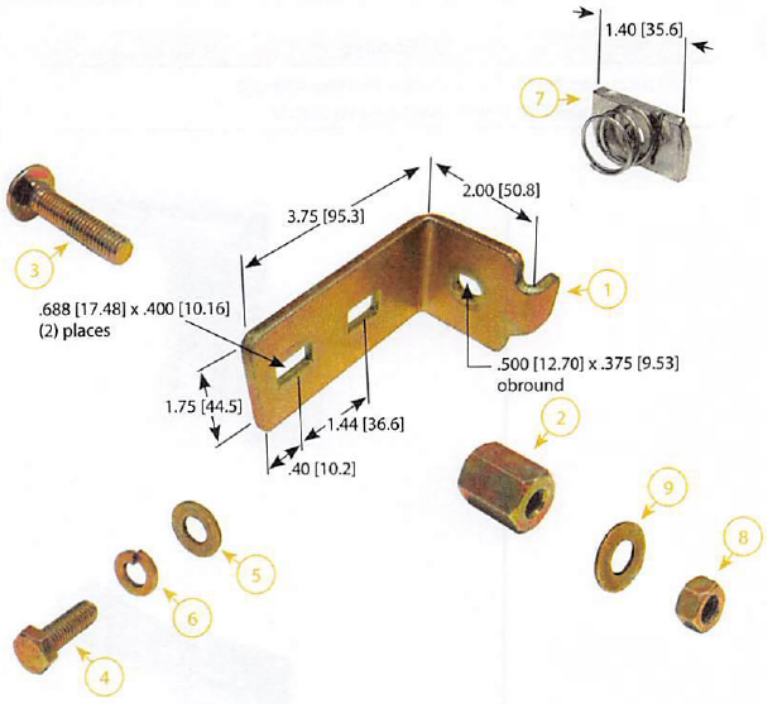


NEMA Lever Clamp

Part Number	Material.	Finish	Thread	Material Thickness
1450ZN	steel	zinc plated	1/4-28	.074 [1.88]
1450SS	304SS	mill	1/4-28	.074 [1.88]
1451SS	304SS	mill	1/4-20	.074 [1.88]
1450SS-02	316SS	mill	1/4-28	.074 [1.88]



Free-Standing Panel Support Assembly

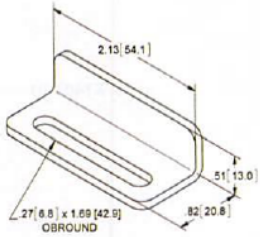


Part Number	Item	Qty.	Description
	1	1	panel support
	2	1	standoff panel support
	3	1	3/8-16 x 1.75 [44.5] long carriage bolt
	4	1	5/16-18 x 1.00 [25.4] long hex head screw
1497ZN	5	1	.31 [7.9] flat washer
	6	1	.31 [7.9] lock washer
	7	1	5/16-18 clamping nut
	8	1	3/8-16 hex nut
	9	1	.38 [9.5] flat washer

- material: steel
- finish: yellow zinc plated
- shipped unassembled and polybagged

Padlock Hasp and Staple Set





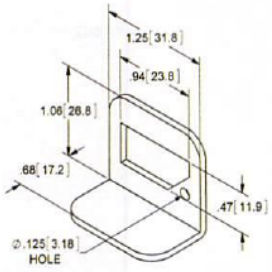
Kit Part No. 1801 - Steel

Part Number	Qty.	Description
180	1	steel, tumbled, .102 [2.59] thick padlock hasp
181	1	steel, mill finish, .074 [1.88] thick padlock staple

Kit Part No. 1801SS - Stainless Steel

Part Number	Qty.	Description
180SS	1	304SS, tumbled, .102 [2.59] thick padlock hasp
18101SS	1	304SS, tumbled, .074 [1.88] thick padlock staple





Kit Part No. 1801SS-01 - 316SS

Part Number	Qty.	Description
180SS-01	1	316SS, tumbled, .102 [2.59] thick padlock hasp
18101SS-01	1	316SS, tumbled, .074 [1.88] thick padlock staple

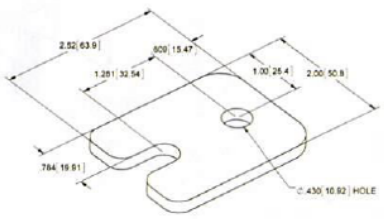
Kit Part No. 1801A - Aluminum

Part Number	Qty.	Description
180A	1	aluminum, tumbled, .102 [2.59] thick padlock hasp
181A	1	aluminum, tumbled, .074 [1.88] thick padlock staple

- kit parts can be purchased separately

Mounting Foot

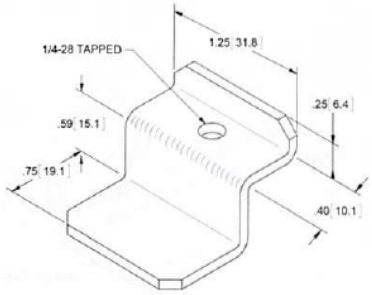




Part Number	Material	Finish	Material Thickness
183	steel	mill	.189 [4.80]
18301SS	304SS	mill	.135 [3.43]
18301SS-01	316SS	mill	.118 [3.00]
183A	aluminum	mill	.197 [5.00]

NEMA Clamp Bracket

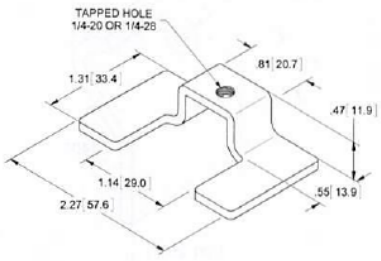
Part Number	Material	Finish	Thread	Material Thickness
187	steel	mill	1/4-28	.090
18701SS	304SS	mill	1/4-28	.090
18701SST	316SS	mill	1/4-28	.090





NEMA Door Clamp Bracket

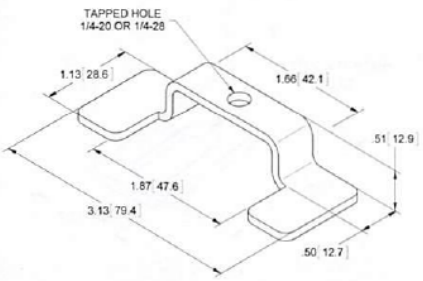
Part Number	Material	Finish	Thread	Material Thickness
185	steel	tumbled	1/4-20	.105
185SS	304SS	tumbled	1/4-20	.105
185SS01	316SS	tumbled	1/4-20	.105
18501	steel	tumbled	1/4-28	.105
18501SS	304SS	tumbled	1/4-28	.105
18502SS	316SS	mill	1/4-28	.105
185A	aluminum	tumbled	1/4-20	.105
18501A	aluminum	tumbled	1/4-28	.105

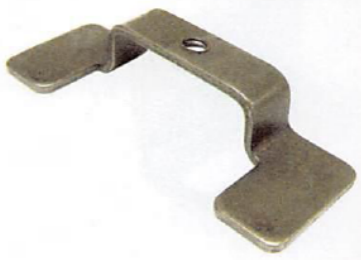




NEMA Door Clamp Bracket

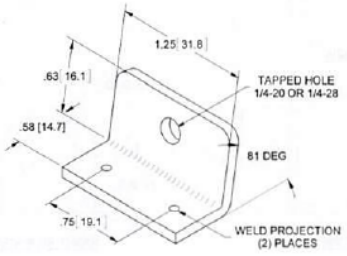
Part Number	Material	Finish	Thread	Material Thickness
186	steel	mill	1/4-20	.098
186SS	304SS	mill	1/4-20	.098
18601	steel	mill	1/4-28	.098
18601SS	304SS	mill	1/4-28	.098





JIC Clamp Bracket with Weld Projections

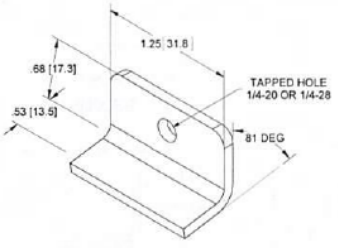
Part Number	Material	Finish	Thread	Material Thickness
188	steel	tumbled	1/4-20	.098
188SS	304SS	tumbled	1/4-20	.098
188A	aluminum	tumbled	1/4-20	.098
18801	steel	tumbled	1/4-28	.098
18801SS	304SS	tumbled	1/4-28	.098
18801A	aluminum	tumbled	1/4-28	.098





JIC Clamp Bracket

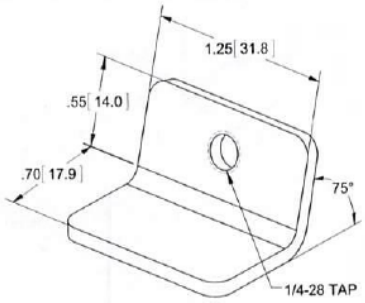
Part Number	Material	Finish	Thread	Material Thickness
18802	steel	tumbled	1/4-20	.098
18802SS	304SS	mill	1/4-20	.098
18803	steel	mill	1/4-28	.098
18803SS	304SS	mill	1/4-28	.098
18804SS	316SS	mill	1/4-28	.098
18803A	aluminum	mill	1/4-28	.098





JIC Clamp Bracket

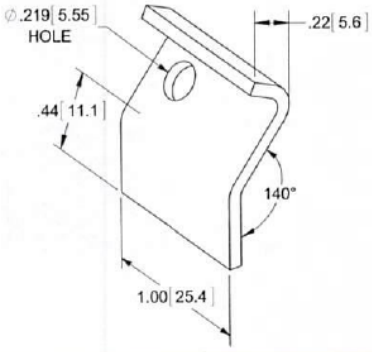




Part Number	Material	Finish	Thread	Material Thickness
182	steel	mill	1/4-28	.098 [2.50]
182SS	304SS	tumbled	1/4-28	.105 [2.67]
182SS01	316SS	tumbled	1/4-28	.105 [2.67]

JIC Lift-Off Hinge

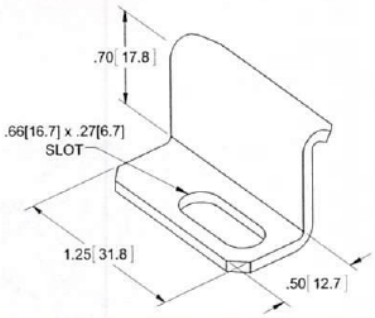




Part Number	Material	Finish	Material Thickness
184	steel	mill	.075 [1.91]
184SS	304SS	tumbled	.075 [1.91]
184A	aluminum	tumbled	.075 [1.91]
184SS01	316SS	tumbled	.075 [1.91]

JIC Cover Clamp

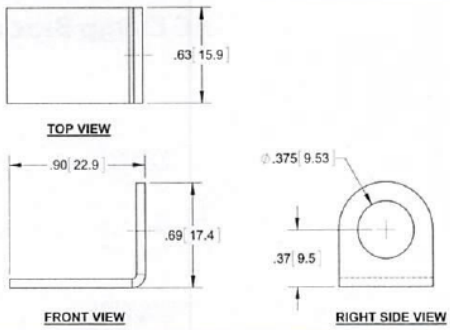




Part Number	Material	Finish	Material Thickness
16ZN	steel	yellow zinc plated	.074 [1.88]
16SS	304SS	tumbled	.074 [1.88]
16SS-01	316SS	tumbled	.074 [1.88]

JIC Padlock Box Staples

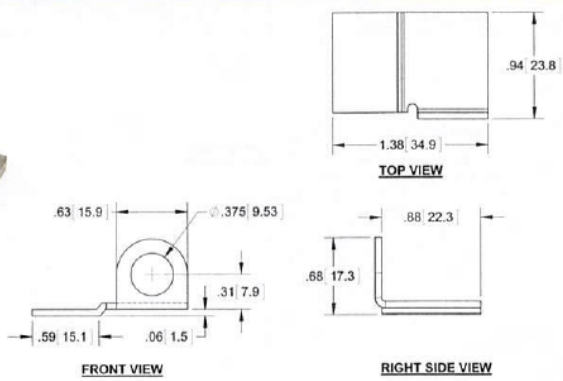




Part Number	Material	Finish	Material Thickness
J3061	steel	mill	.063 [1.60]
J3061SS	304SS	tumbled	.063 [1.60]

JIC Padlock Cover Staples





Part Number	Material	Finish	Material Thickness
J3060	steel	mill	.063 [1.60]
J3060SS	304SS	tumbled	.063 [1.60]

316SS Spring

Part Number	Material	Finish
X1402-01	316SS	mill



316SS Washer, .63 [15.9] O.D. x .05 [1.3] Thick

Part Number	Material	Finish
X1403-01	316SS	mill



316SS JIC Cover Clamp Screws

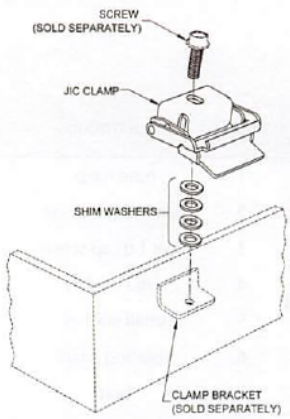
Part Number	Size	Material	Finish
X1404-03	1/4-20	316SS	mill
X1405-03	1/4-28	316SS	mill

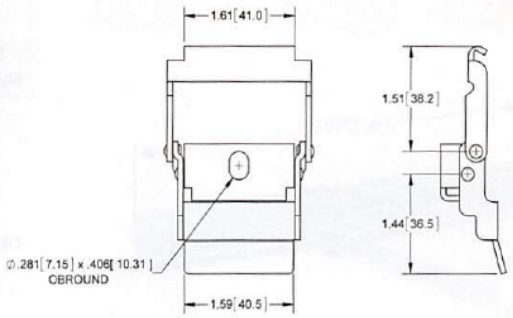


JIC Quick Release Clamp

Part Number	Material	Finish
2185ZN	steel	yellow zinc chromate
2185SS	304SS	tumbled
2185SS01	316SS	tumbled



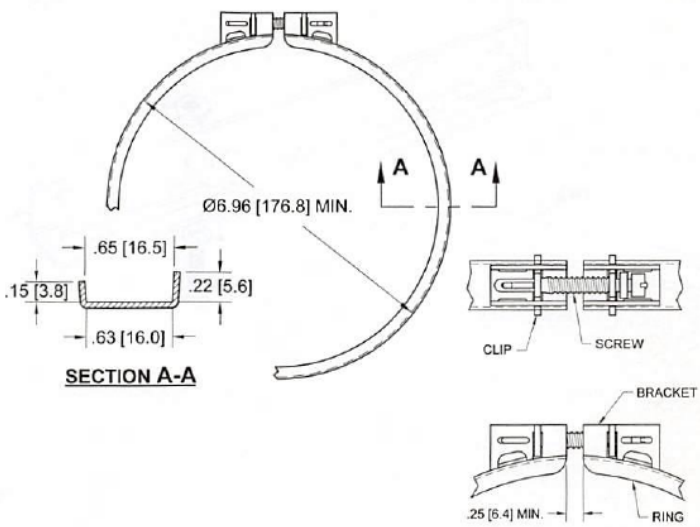




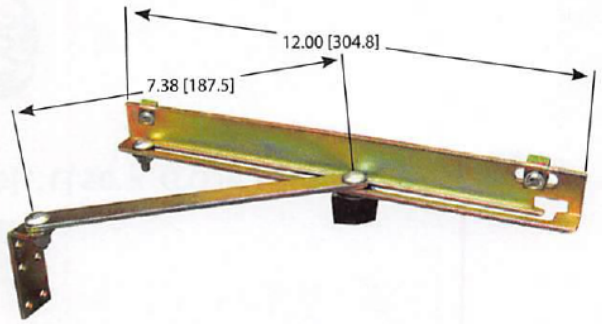
OPEN POSITION

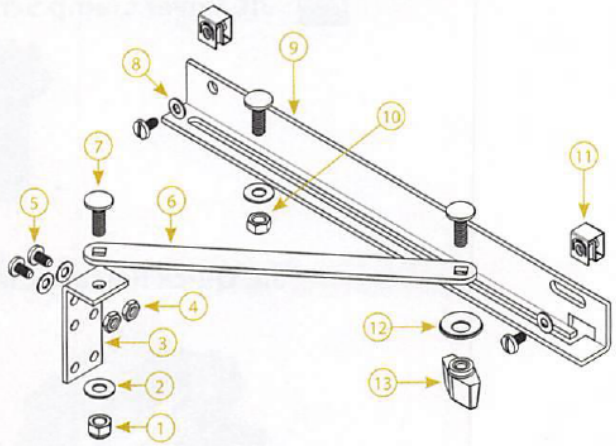
Meter Cover Sealing Ring

Part Number	Component	Description
J2014	Ring	.043 [1.09] aluminum, clear anodized
	Bracket	.043 [1.09] aluminum, clear anodized
	Clip	.093 [2.36] steel, yellow zinc chromate
	Screw	1/4-24 UNS thread steel, yellow zinc chromate



Door Stop Kit

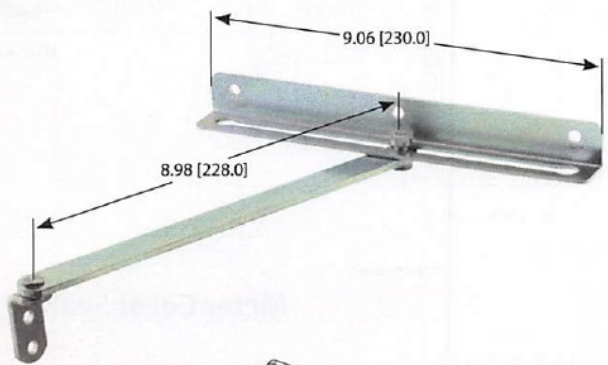


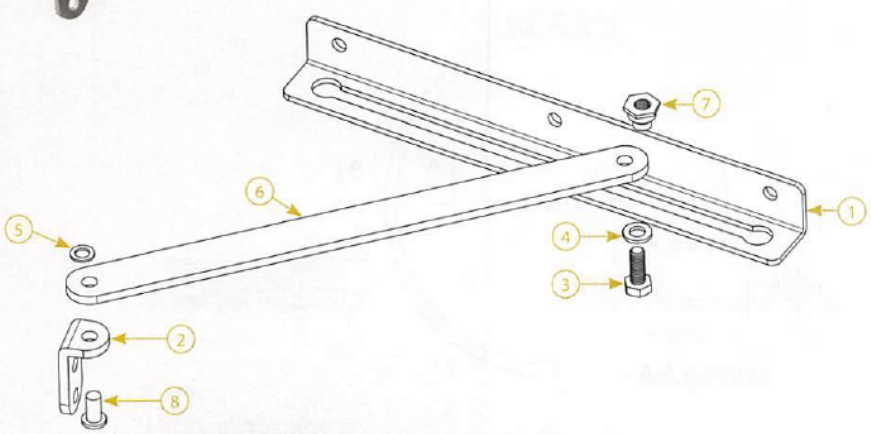


Part Number	Item	Description	Material	Finish	Qty.
1460ZN	1	1/4-20 nylon lock insert washer	18-8SS	mill	1
	2	1/4" x .63 [15.9] OD x .039 [1.00] washer	304SS	deburred	2
	3	door bracket	steel	zinc plated	1
	4	10-32 hex nut	18-8SS	mill	2
	5	10-32 x .38 [9.5] SPM screw	18-8SS	mill	4
	6	stop arm	steel	zinc plated	1
	7	1/4-20 .75 [19.1] carriage bolt	18-8SS	mill	3
	8	#10 x .44 [11.1] OD x .032 [.80] washer	nylon	natural	4
	9	mounting bracket	steel	zinc plated	1
	10	1/4-20 hex washer	18-8SS	mill	1
	11	clip nut	steel	zinc plated	2
	12	sealing washer	18-8SS / neoprene	deburred / black	1
	13	wing knob	phenolic	black	1

- lock in any position with finger turn wing knob

Steel Door Stop





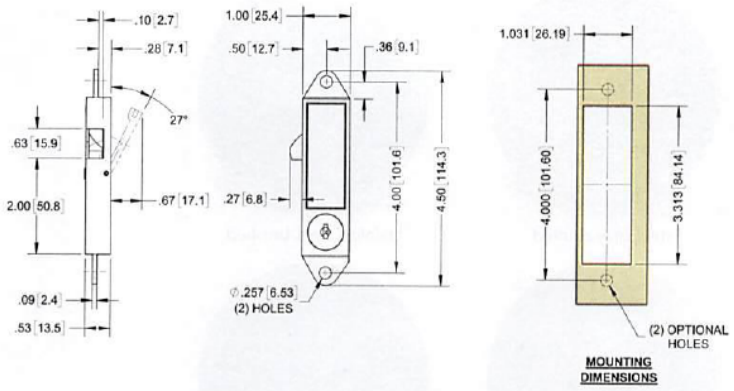
Part Number	Item	Description	Material	Finish	Qty.
1462ZN	1	base hasp	steel	zinc plated	1
	2	mounting bracket	steel	zinc plated	1
	3	M6 x 1.0 cap screw	steel	zinc plated	1
	4	large washer	steel	zinc plated	1
	5	small washer	steel	zinc plated	1
	6	rotating hasp	steel	zinc plated	1
	7	bolt	steel	zinc plated	1
	8	pin	steel	zinc plated	1

- detent/pop-up feature locks position at end

NEW Push to Close Latch

Part Number	Material	Finish
1140	die cast zinc	textured chrome

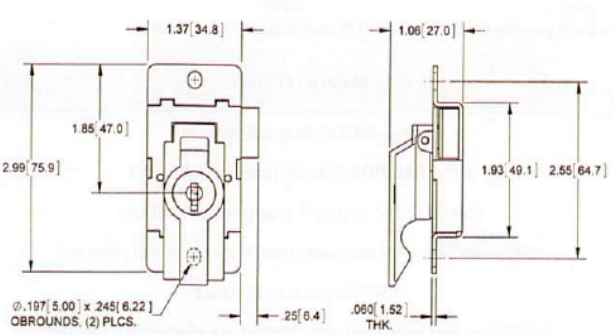
- includes (1) brass key



Panel Board Latch

Part Number	Key Code (2 Keys)	Left or Right	Finish
GE1LH	CAT 60	left	zinc plated
GE1RH	CAT 60	right	zinc plated
GE1LH1	SP 60	left	zinc plated
GE1RH1	SP 60	right	zinc plated

- lever and bolt are die cast zinc
- case is formed steel
- maximum intended panel thickness is .120 [3.05]
- key removable in locked or unlocked position



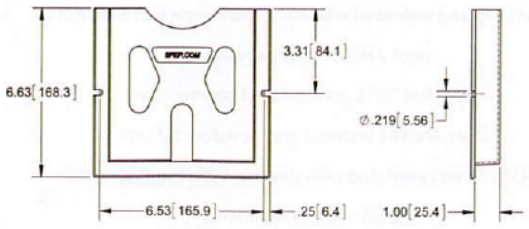
LEFT HAND SHOWN



Small Print Pocket

Part Number	Double Sided Tape	Material
177P	yes	ANSI 61 gray polystyrene
177P-04	no	ANSI 61 gray polystyrene

- pockets are individually polybagged
- custom logos and instruction sheet available if ordered in sufficient quantity

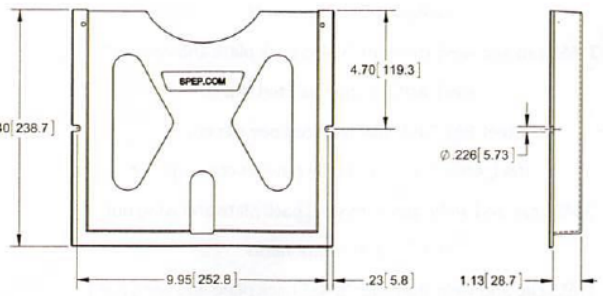


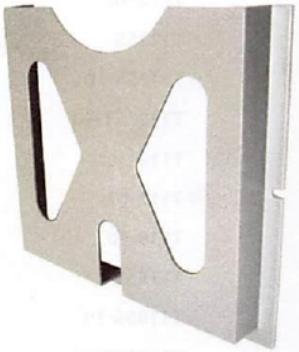


Large Print Pocket

Part Number	Double Sided Tape	Material
179P	yes	ANSI 61 gray polystyrene
179P-10	yes heavy duty tape	ANSI 61 gray polystyrene
179P-04	no	ANSI 61 gray polystyrene

- pockets are individually polybagged
- custom logos and instruction sheet available if ordered in sufficient quantity





Oil-Tight Hole Seals 316SS UL

c UL us LISTED



steel, gray painted



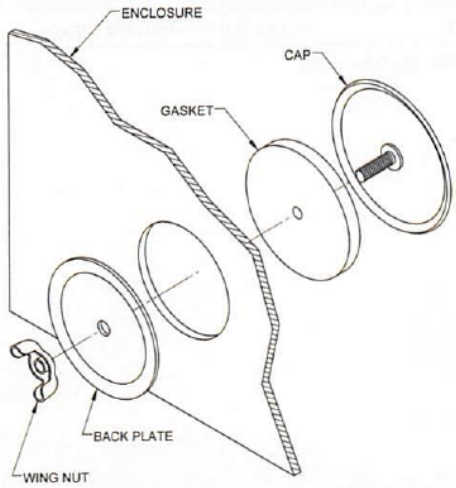
stainless steel, brushed



steel,
RAL 7035 textured powder coat



steel,
ANSI 61 textured gray powder coat



VIEW FROM INSIDE OF ENCLOSURE

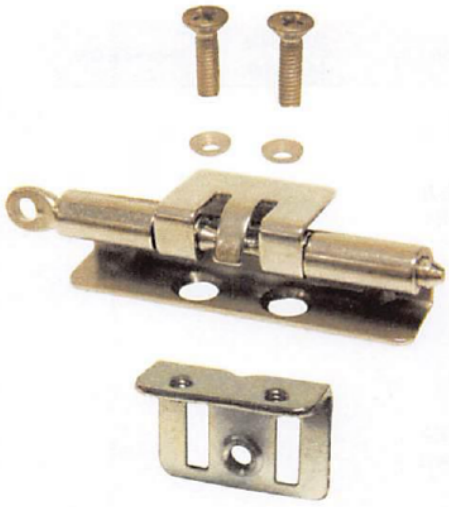
Part Number	Material / Finish	Application	Max. Hole Diameter	Hole Seal O.D.
T110	steel, ANSI 61 gray painted cap	miniature oil-tight push-button holes	.88 [22.4]	1.22 [31.0]
NEW T110-07	steel, RAL 7035 gray textured powder coat			
T110-10	steel, ANSI 61 textured gray powder coat cap			
T110SS	304SS cap and weld stud with steel back plate and wing nut			
T110SS-10	304SS cap & components			
T110SST-10	316SS cap and weld stud with 304SS back plate and wing nut			
T114	steel, ANSI 61 gray painted cap	1/2-inch [13] conduit holes	.88 [22.4]	1.38 [35.1]
NEW T114-07	steel, RAL 7035 gray textured powder coat			
T114-10	steel, ANSI 61 textured gray powder coat cap			
T114SS	304SS cap and weld stud with steel back plate and wing nut			
T114SS-10	304SS cap & components			
T114SST-10	316SS cap and weld stud with 304SS back plate and wing nut			
T116	steel, ANSI 61 gray painted cap	3/4-inch [19] conduit holes	1.06 [26.9]	1.56 [39.6]
NEW T116-07	steel, RAL 7035 gray textured powder coat			
T116-10	steel, ANSI 61 textured gray powder coat cap			
T116SS	304SS cap and weld stud with steel back plate and wing nut			
T116SS-10	304SS cap & components			
T116SST-10	316SS cap and weld stud with 304SS back plate and wing nut			
T112	steel, ANSI 61 gray painted cap	standard oil-tight push-button holes	1.25 [31.8]	1.75 [44.5]
NEW T112-07	steel, RAL 7035 gray textured powder coat			
T112-10	steel, ANSI 61 textured gray powder coat cap			
T112SS	304SS cap and weld stud with steel back plate and wing nut			
T112SS-10	304SS cap & components			
T112SST-10	316SS cap and weld stud with 304SS back plate and wing nut			
T118	steel, ANSI 61 gray painted cap	1-inch [25] conduit holes	1.38 [35.1]	1.88 [47.8]
NEW T118-07	steel, RAL 7035 gray textured powder coat			
T118-10	steel, ANSI 61 textured gray powder coat cap			
T118SS	304SS cap and weld stud with steel back plate and wing nut			
T118SS-10	304SS cap & components			
T118SST-10	316SS cap and weld stud with 304SS back plate and wing nut			

316SS UL Oil-Tight Hole Seals

Part Number	Material / Finish	Application	Max. Hole Diameter	Hole Seal O.D.
T120	steel, ANSI 61 gray painted cap	1 1/4-inch [32] conduit holes	1.69 [42.9]	2.19 [55.6]
NEW T120-07	steel, RAL 7035 gray textured powder coat			
T120-10	steel, ANSI 61 textured gray powder coat cap			
T120SS	304SS cap and weld stud with steel back plate and wing nut			
T120SS-10	304SS cap & components			
T120SST-10	316SS cap and weld stud with 304SS back plate and wing nut			
T122	steel, ANSI 61 gray painted cap	1 1/2-inch [38] conduit holes	2.00 [50.8]	2.50 [63.5]
NEW T122-07	steel, RAL 7035 gray textured powder coat			
T122-10	steel, ANSI 61 textured gray powder coat cap			
T122SS	304SS cap and weld stud with steel back plate and wing nut			
T122SS-10	304SS cap & components			
T122SST-10	316SS cap and weld stud with 304SS back plate and wing nut			
T124	steel, ANSI 61 gray painted cap	2-inch [51] conduit holes	2.50 [63.5]	3.00 [76.2]
NEW T124-07	steel, RAL 7035 gray textured powder coat			
T124-10	steel, ANSI 61 textured gray powder coat cap			
T124SS	304SS cap and weld stud with steel back plate and wing nut			
T124SS-10	304SS cap & components			
T124SST-10	316SS cap and weld stud with 304SS back plate and wing nut			
T126	steel, ANSI 61 gray painted cap	2 1/2-inch [64] conduit holes	3.00 [76.2]	3.50 [88.9]
NEW T126-07	steel, RAL 7035 gray textured powder coat			
T126-10	steel, ANSI 61 textured gray powder coat cap			
T126SS	304SS cap and weld stud with steel back plate and wing nut			
T126SS-10	304SS cap & components			
T126SST-10	316SS cap and weld stud with 304SS back plate and wing nut			
T128	steel, ANSI 61 gray painted cap	3-inch [76] conduit holes	3.62 [92.0]	4.12 [104.7]
NEW T128-07	steel, RAL 7035 gray textured powder coat			
T128-10	steel, ANSI 61 textured gray powder coat cap			
T128SS	304SS cap and weld stud with steel back plate and wing nut			
T128SS-10	304SS cap & components			
T128SST-10	316SS cap and weld stud with 304SS back plate and wing nut			
T130	steel, ANSI 61 gray painted cap	3 1/2-inch [89] conduit holes	4.12 [104.7]	4.62 [117.4]
NEW T130-07	steel, RAL 7035 gray textured powder coat			
T130-10	steel, ANSI 61 textured gray powder coat cap			
T130SS	304SS cap and weld stud with steel back plate and wing nut			
T130SS-10	304SS cap & components			
T130SST-10	316SS cap and weld stud with 304SS back plate and wing nut			
T132	steel, ANSI 61 gray painted cap	4-inch [102] conduit holes	4.62 [117.4]	5.12 [130.1]
NEW T132-07	steel, RAL 7035 gray textured powder coat			
T132-10	steel, ANSI 61 textured gray powder coat cap			
T132SS	304SS cap and weld stud with steel back plate and wing nut			
T132SS-10	304SS cap & components			
T132SST-10	316SS cap and weld stud with 304SS back plate and wing nut			

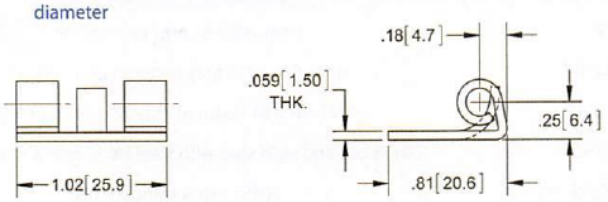
- protects knockout openings and extra push-button or conduit openings from dirt, oil, dust and water
- UL listed & recognized

Electrical Box Hinge Assembly Kits - Quick Release Pin

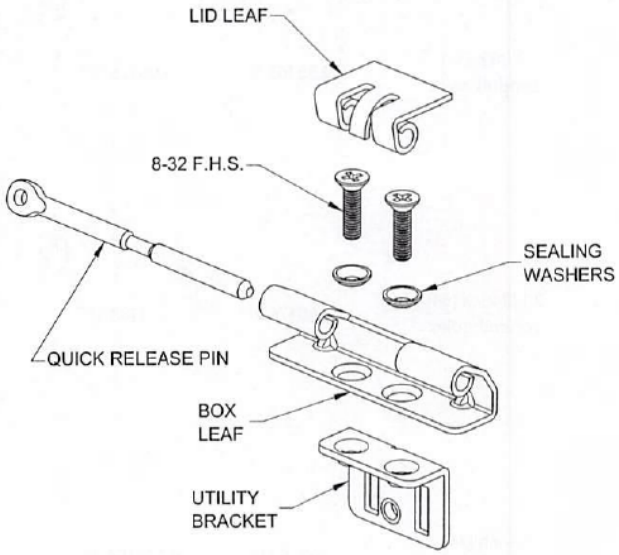


Kit Part Number	Component Part Number	Description	Material	Finish
J2088SS	X127-03	quick release pin	304SS	mill
	X123SS	box leaf	304SS	mill
	J2073SS	lid leaf	304SS	mill
	X124SS	8-32 FHS	18-8SS	mill
	J2074ZN	utility bracket	steel	zinc
	P1037	sealing washer	nylon	smooth

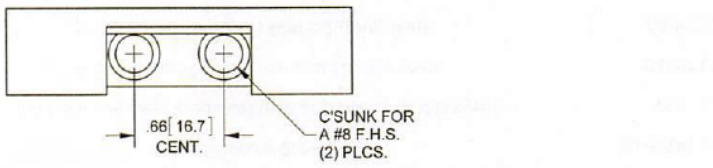
- for a proper seal between box leaf, electrical box and utility bracket, the through holes on the electrical box must be .234 [5.94] - .236 [6.00] diameter

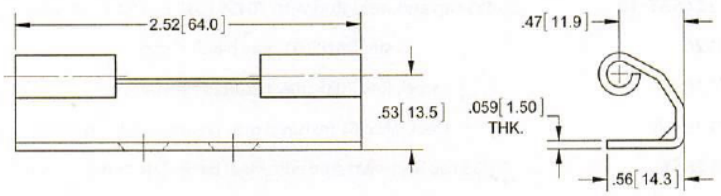


LID LEAF

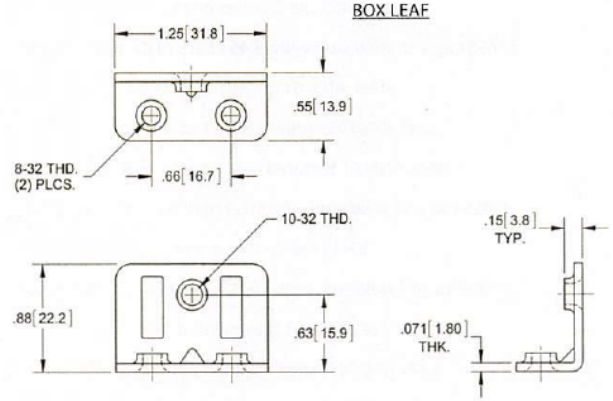


EXPLODED VIEW





BOX LEAF

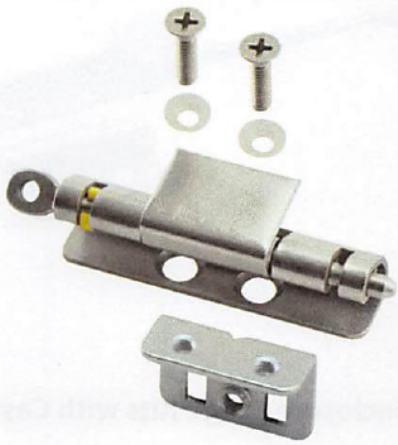


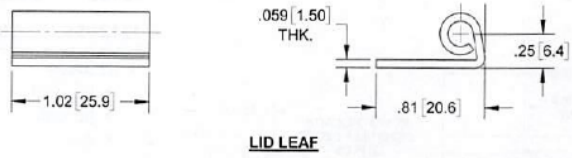
UTILITY BRACKET

NEW Electrical Box Hinge Assembly Kit - Quick Release Pin

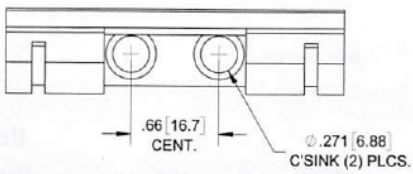
Kit Part Number	Component Part Number	Description	Material	Finish
J2098SS	---	box leaf	304SS	mill
	---	quick release pin	304SS	mill
	P1038	plastic clip	plastic	yellow
	J2077SS	lid leaf	304SS	mill
	J2074ZN	utility bracket	steel	zinc plated
	X124SS	8-32 thd. x 5/8" long FHS	stainless steel	mill
	P1037	sealing washer	nylon	smooth

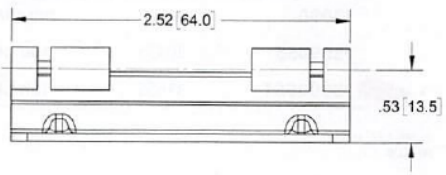
- for a proper seal between box leaf, electrical box and utility bracket, the through holes on the electrical box must be .234 [5.94] - .236 [6.00] diameter
- when mounted, hinge is concealed for higher security
- features a captive pin design to prevent pin from slipping out with vibration or when installing in different orientations





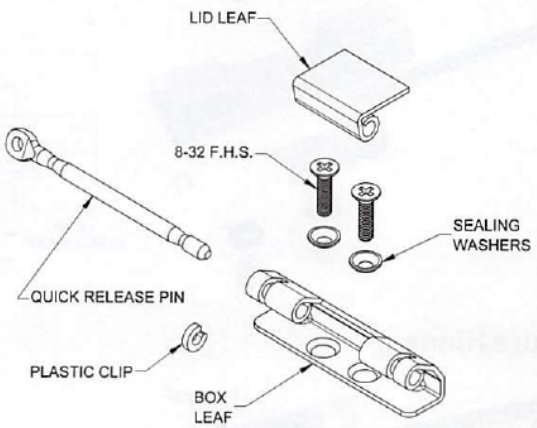
LID LEAF







BOX LEAF



EXPLODED VIEW

10-32 Thread Utility Bracket and Screws

Part Number	Description	Material	Finish
J2115SS	#10-32 screws & seal washers	304SS screws Teflon nylon washers	mill screws smooth washers
J2074ZN-01	utility bracket	steel	zinc plated

- for a proper seal between box leaf, electrical box and utility bracket, the through holes on the electrical box must be .234 [5.94] - .236 [6.00] diameter



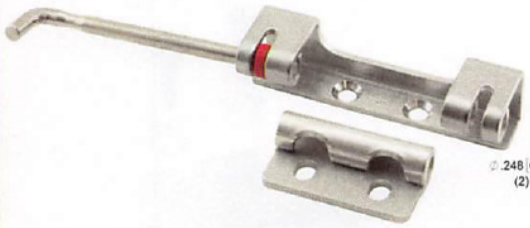
10-32 F.H.S.

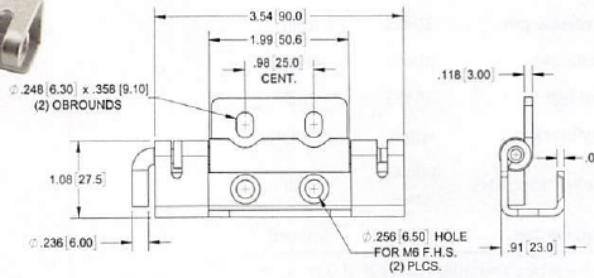


UTILITY BRACKET



Heavy Duty Hinges with Quick Release Pin

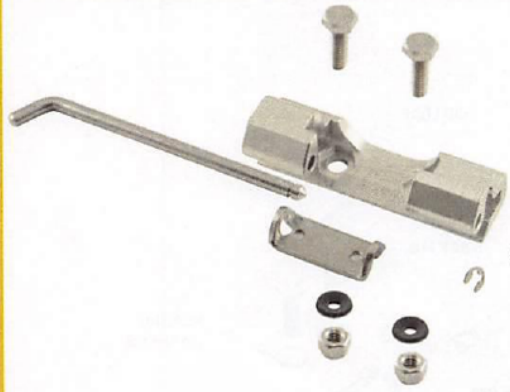


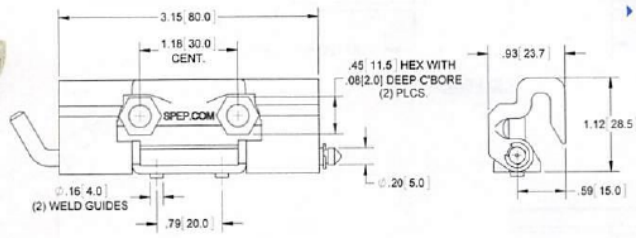


Part Number	Material	Finish
J2188	steel	zinc plated
J2188SS	304SS	passivated

- includes:
  - box leaf
  - lid leaf
  - pin
  - capture ring
- features a captive pin design to prevent pin from slipping out with vibration or when installing in different orientations

Enclosure Hinge Kits with Cast Box Leaves

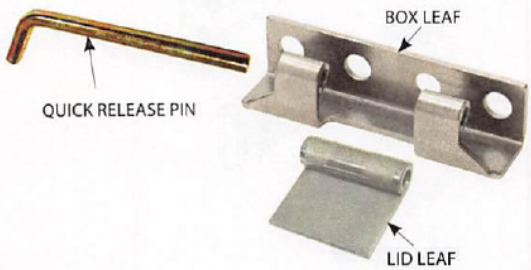




Part Number	Box Leaf Material	Finish
J2130	die cast zinc	clear zinc
J2130SS	304SS	passivated

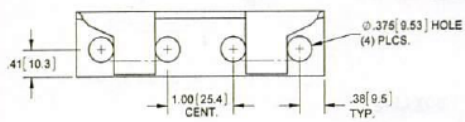
- includes:
  - box leaf
  - lid leaf
  - pin
  - c-clip
  - (2) 1/4-20 screws
  - (2) sealing washers
  - (2) 1/4-20 nylon nuts

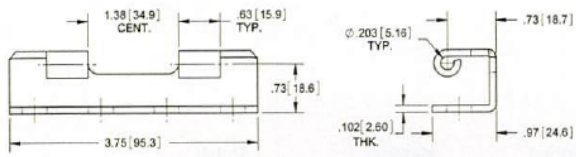
Enclosure Hinge



Box Leaf

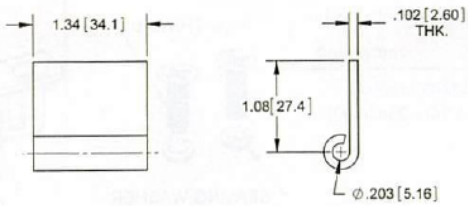
Part Number	Material	Finish
J3090	steel	zinc plated
J3090SS	304SS	tumbled
NEW J3090SST	316SS	tumbled





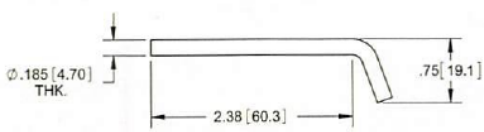
Lid Leaf

Part Number	Material	Finish
J3091	steel	mill
J3091SS	304SS	mill



Quick Release Pin

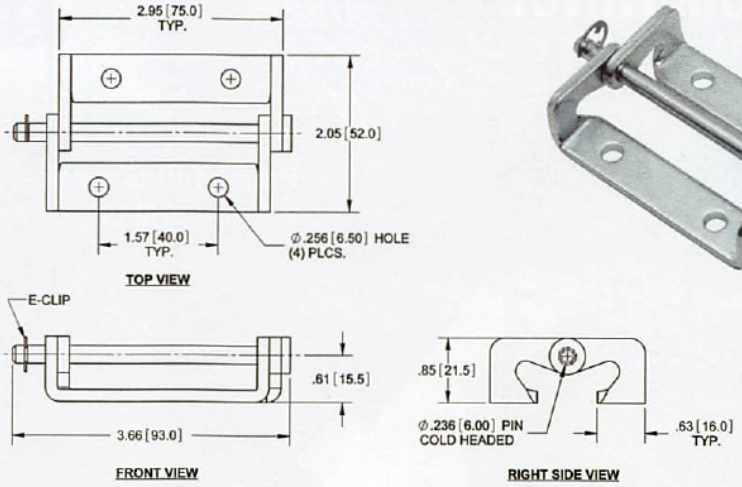
Part Number	Material	Finish
J3092	steel	zinc & yellow chromate
J3092SS	304SS	mill



Hinge Assembly with Removable Pin

Part Number	Material	Finish
H2064ZN	steel	zinc plated
H2064SS	304SS	passivated

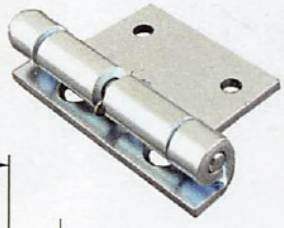
- hinge may be quickly unassembled by removing e-clip and releasing the pin

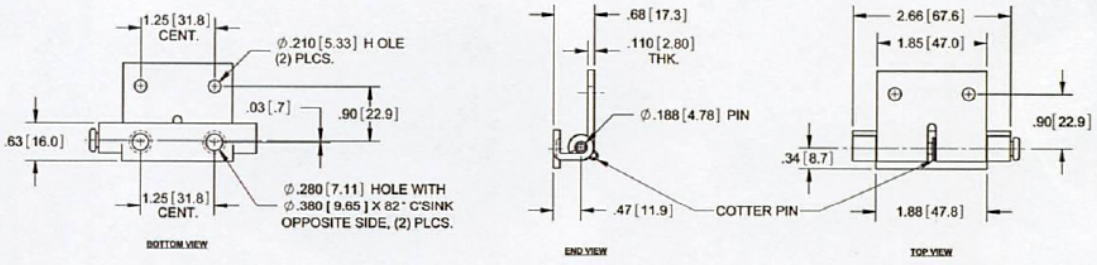


Hinge Assembly with Quick Release Pin

Part Number	Material	Finish
H2039ZN	steel	zinc plated

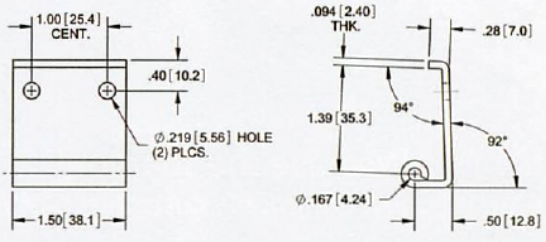
- hinge may be quickly unassembled by removing cotter pin and releasing the pin

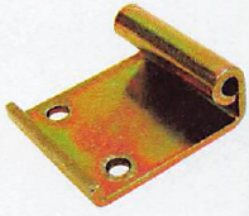




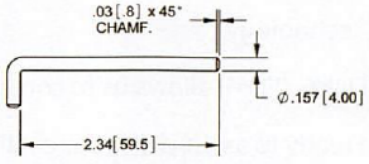
Hinge Body and Hinge Pin

Part Number	Material	Finish
J3093	steel	zinc & yellow chromate





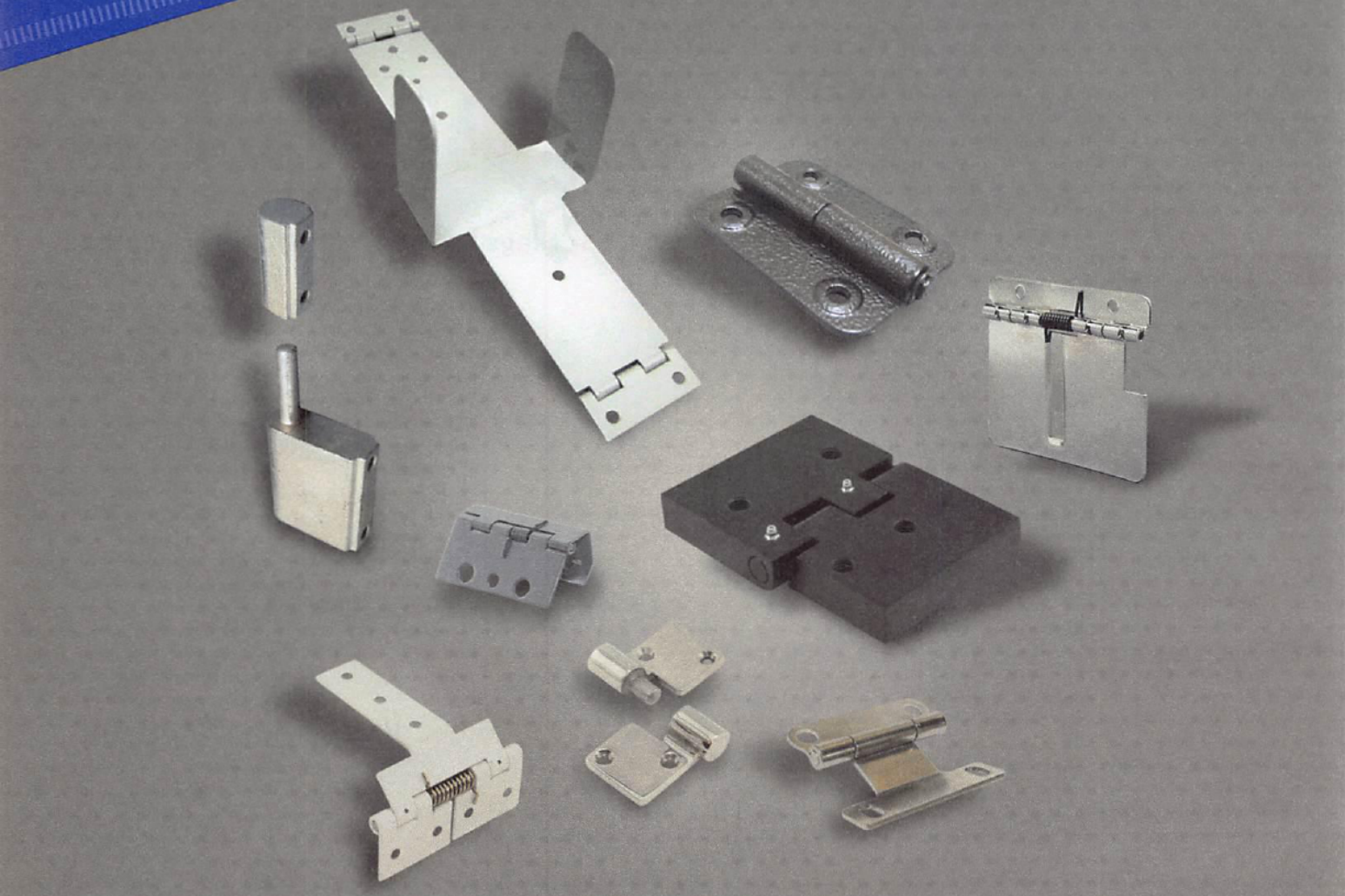
Part Number	Material	Finish
J3095	steel	zinc & yellow chromate





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Foreword

In 1970, continuous hinge manufacturing members of the Builders Hardware Manufacturers Association, Inc. **(BHMA)** initiated an extensive testing program. It started with in-house testing at two member company facilities and culminated with two phases of testing conducted for the BHMA by the Illinois Institute of Technology (IIT). The findings of the IIT were analyzed by an independent mechanical engineer whose recommendations formed the basis for this guide.

General

2.1 The criteria in this guide is based upon yield load and not upon ultimate load (failure). The ratio of ultimate load to yield load is at least 1.5 for all hinges and is a natural safety factor. Impact or shock loads are not included.

2.2 Additional safety factors should be considered based on the material requirement. Generally harder materials, or metals, result in stronger hinges.

Strength Factors

3.1 Hinges are strongest in horizontal stress when the forces are applied perpendicular to the hinge pin. Hinges are weakest in vertical stress when the forces are applied parallel to the pin.

3.2 In horizontal load, the strength per unit of length is constant. The longer the hinge, the stronger it will be.

3.3 In vertical load, strength increases with the square of the length.

3.4 As the hinge leaf thickness increases, hinge strength increases.

3.5 As the diameter of the hinge pin is reduced, hinge strength increases provided the pin diameter is not reduced below twice the thickness of the leaf.

3.6 Under vertical stress, shorter hinge knuckles provide greater strength.

Recommended Selection Criteria

4.1 When applicable, use a hinge thickness approximately the same as the material to which the hinge is to be attached.

4.2 Select hinges with the smallest possible knuckle length and having at least 10 knuckles.

4.3 Choose a hinge having the smallest pin diameter (see 3.5) available for the hinge thickness selected.

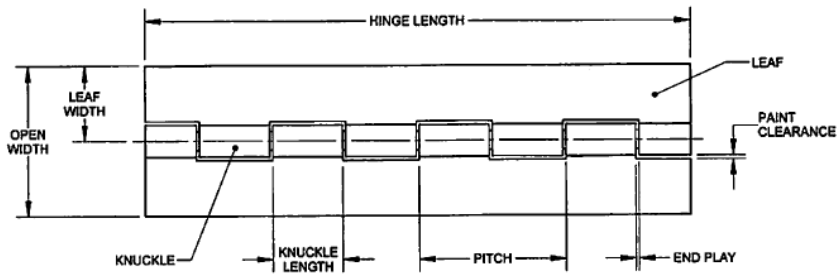
4.4 Apply a hinge with the knuckles always out if the hinge is to be used under horizontal stress only. Using this application, the strength will not vary with the angle of opening.

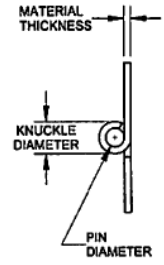
4.5 Lubricating hinges weakens them by a factor of about 25%. Allow a safety factor of 25% if hinges are to be lubricated.

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Continuous Hinge Terminology





Material Thickness — The thickness of the hinge leaf.

Leaf — The portion of a hinge extending laterally from the knuckle and which usually revolves around a pin.

Open Width — The overall dimension of the leaves measured perpendicular to, or across, the pin.

Knuckle — The hollow circular part at the joint of a hinge through which a pin is passed. The knuckle is often called a loop, joint, node or curl.

Knuckle Diameter — The outside diameter of the knuckle.

Knuckle Length — The nominal or typical dimension of the knuckle measured parallel to the pin.

Pitch — The dimension from a point on the knuckle to the same point on an adjacent knuckle on the same leaf.

Paint Clearance — The minimum dimension between the outer face of the knuckle and the opposing edge of the cutout over the hinge's entire range of pivotal movement.

End Play — The amount of axial movement between the leaves.

Plain or Standard Assembly — This is a surface-type hinge. The leaves lie flat in the same plane when in the open position. Unless otherwise indicated, this type of hinge will be furnished.


open


closed

Reverse Assembly — Neither leaf swaged. Opposing leaves extend laterally from opposite sides of pin. Leaves will not close to parallel position.


open

Swaging — The forming of one or both leaves toward or beyond the center of the pin. Swaging slightly increases leaf width.


swaging

Both Leaves Half-Swaged — Both leaves are swaged approximately one-half the pin diameter with a minimum clearance between leaves when parallel.


both leaves half swaged

One Leaf Half-Swaged — One leaf swaged one-half the pin diameter.


one leaf half swaged

One Leaf Full-Swaged — One leaf swaged equal to the pin diameter. Both leaves parallel when in a closed position.


one leaf full swaged

Reversed Swaged — One leaf swaged to simulate reversed assembly. Leaves will not close to a parallel position.


reversed swaged

Offset — Forming one or both leaves away from the center of the pin. Offsetting slightly decreases leaf width.

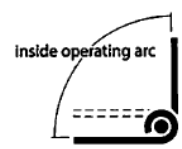

offset

Multiple — This hinge has two pins or more for special applications.

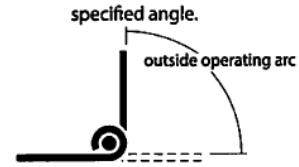

multiple

Stop Hinge — A hinge manufactured to limit the travel of the leaves to a specified angle.

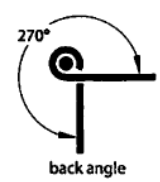
Inside Stop Hinge — Leaves will open from a closed position, leaves parallel to each other, to a stop angle as specified.



Outside Stop Hinge — Leaves move from an open or flat position and stop at a specified angle.

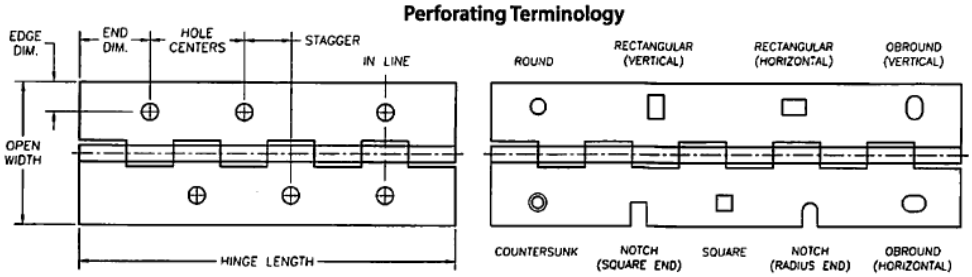


Back Angle — Usual maximum arc of 270° which varies from series to series and can be changed for custom applications.



Continuous Hinge Terminology

Perforating Terminology



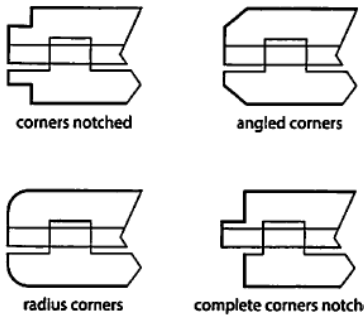
Hole Locations
A sketch or sample showing their locations is usually required for quoting. Please submit your drawing or print.

Perforating

Many designs for perforating are available. When ordering or requesting a quotation, include: hinge dimension, hole diameter and type, hole centers, edge dimensions. Ask about any standard hole patterns. Above are several common perforating designs.

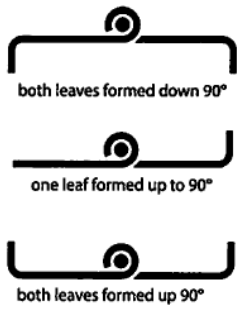
Notched Leaves

some of the more commonly used designs are:



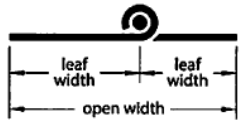
Formed Leaves

Formed hinge leaves can be supplied in a variety of configurations (including those illustrated here). Dimensions should be taken from the pin center line and inside of forms. Unless otherwise indicated, the inside radius of the form is the same as the material thickness.



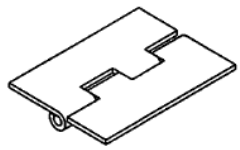
Unequal Leaves

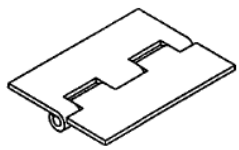
Unequal leaves are available on all hinges. Widths are measured from the pin center line to the leaf's outer edge. For the most economic method, unequal open width should be a product of a standard hinge width; however, unequal leaves with nonstandard widths are also available.



Length

continuous hinges can be cut to exact length as required. Hinges should, however, be designed to a length that is a multiple of the knuckle length to eliminate partial knuckles. If a partial knuckle cannot be avoided, please keep the following points in mind: (1) partial knuckle lengths should be the same as, or larger than, the knuckle diameter; (2) when partial knuckles are required on both ends, they should be on the same leaf; (3) please be advised that continuous hinges with partial end knuckles on one leaf may not rotate as freely as full end knuckles.


full-end knuckle

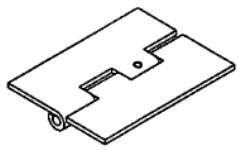

partial-end knuckle

Pin Retention

All standard continuous hinges are stocked with loose pins and flush cut ends, with the exception of steel, aluminum, and stainless steel hinges with quarter inch knuckles which will be staked to retain the pins.

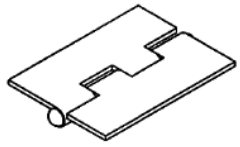
Staked Pin

Upsetting the knuckle(s) of one leaf secures the pin and prevents axial movement of the pin in the knuckle. Staking is usually located on the bottom of the knuckle in a uniform, consistent pattern.


staked pin

Spun Pin Both Ends

One or both ends of the pin are cold formed to a diameter greater than the inside diameter of the knuckle. This prevents axial movement. Pins spun at both ends are most commonly specified for tamper proof application.


both ends spun pin

Mill Finish - Steel Continuous Hinges



Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Length
S20764 ▲	.025	.75	.062	1/4	72"
S21064 ▲	.025	1.00	.062	1/4	72"
S21264 ▲	.025	1.25	.062	1/4	72"
S21564 ▲	.025	1.50	.062	1/4	72"
S30765	.032	.75	.063	1/2	72"
S31065 ‡	.032	1.00	.063	1/2	72"
S31165	.032	1.06	.063	1/2	72"
S31265 ‡	.032	1.25	.063	1/2	72"
S31565 ‡	.032	1.50	.063	1/2	72"
S30784 ▲	.035	.75	.086	1/4	72"
S31084 ▲	.035	1.06	.086	1/4	72"
S3108496 ▲	.035	1.06	.086	1/4	96"
S31284 ▲	.035	1.25	.086	1/4	72"
S3128496 ▲	.035	1.25	.086	1/4	96"
S31584 ▲	.035	1.50	.086	1/4	72"
S3158496 ▲	.035	1.50	.086	1/4	96"
S31784 ▲	.035	1.75	.086	1/4	72"
S32084 ▲	.035	2.00	.086	1/4	72"
S41074 ▲	.042	1.06	.076	1/4	72"
S41274 ▲	.042	1.25	.076	1/4	72"
S41574 ▲	.042	1.50	.076	1/4	72"
S42074 ▲	.042	2.00	.076	1/4	72"
S41095	.042	1.06	.091	1/2	72"
S41295	.042	1.25	.091	1/2	72"
S41595	.042	1.50	.091	1/2	72"
S4159596	.042	1.50	.091	1/2	96"
S42095	.042	2.00	.091	1/2	72"
S51098	.050	1.06	.091	5/8	72.5"
S51298	.050	1.25	.091	5/8	72.5"
S51598 ‡	.050	1.50	.091	5/8	72.5"
S52098 ‡	.050	2.00	.091	5/8	72.5"
S52598 ‡	.050	2.50	.091	5/8	72.5"
S53098 ‡	.050	3.00	.091	5/8	72.5"
S51016	.050	1.06	.115	5/16	72.187"
S51216	.050	1.25	.115	5/16	72.187"
S51516	.050	1.50	.115	5/16	72.187"
S52016	.050	2.00	.115	5/16	72.187"
S52516	.050	2.50	.115	5/16	72.187"
S53016	.050	3.00	.115	5/16	72.187"
S51015	.050	1.06	.120	1/2	72"
S51215	.050	1.25	.120	1/2	72"
S51515	.050	1.50	.120	1/2	72"
S52015	.050	2.00	.120	1/2	72"
S5201596	.050	2.00	.120	1/2	96"
S52515	.050	2.50	.120	1/2	72"
S53015	.050	3.00	.120	1/2	72"

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Length
S53515	.050	3.50	.120	1/2	72"
S54015 ‡	.050	4.00	.120	1/2	72"
S61015	.060	1.06	.120	1/2	72"
S61215	.060	1.25	.120	1/2	72"
S6121596	.060	1.25	.120	1/2	96"
S61515	.060	1.50	.120	1/2	72"
S6151596	.060	1.50	.120	1/2	96"
S61715 ‡	.060	1.75	.120	1/2	72"
S62015	.060	2.00	.120	1/2	72"
S6201596	.060	2.00	.120	1/2	96"
S62515	.060	2.50	.120	1/2	72"
S63015	.060	3.00	.120	1/2	72"
S6301596	.060	3.00	.120	1/2	96"
S63515	.060	3.50	.120	1/2	72"
S64015	.060	4.00	.120	1/2	72"
S61211	.060	1.25	.120	1	72"
S61511	.060	1.50	.120	1	72"
S6151196	.060	1.50	.120	1	96"
S61711 ‡	.060	1.75	.120	1	72"
S62011	.060	2.00	.120	1	72"
S62511	.060	2.50	.120	1	72"
S63011	.060	3.00	.120	1	72"
S63511	.060	3.50	.120	1	72"
S64011	.060	4.00	.120	1	72"
S61517	.060	1.50	.187	1/2	72"
S62017	.060	2.00	.187	1/2	72"
S62517	.060	2.50	.187	1/2	72"
S63017	.060	3.00	.187	1/2	72"
S63517	.060	3.50	.187	1/2	72"
S64017	.060	4.00	.187	1/2	72"
S61518	.060	1.50	.187	5/8	72.5"
S62018	.060	2.00	.187	5/8	72.5"
S6201896	.060	2.00	.187	5/8	96.25"
S62518	.060	2.50	.187	5/8	72.5"
S63018	.060	3.00	.187	5/8	72.5"
S6301896	.060	3.00	.187	5/8	96.25"
S63518 ‡	.060	3.50	.187	5/8	72.5"
S64018 ‡	.060	4.00	.187	5/8	72.5"
S61519	.060	1.50	.187	1	72"
S62019	.060	2.00	.187	1	72"
S62519	.060	2.50	.187	1	72"
S63019 ‡	.060	3.00	.187	1	72"
S64019	.060	4.00	.187	1	72"

▲ these hinges have staked pins
‡ these hinges are non-stock

Mill Finish - Steel Continuous Hinges



Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Length
S61521	.060	1.50	.250	1	72"
S62021	.060	2.00	.250	1	72"
S62521	.060	2.50	.250	1	72"
S63021	.060	3.00	.250	1	72"
S63521	.060	3.50	.250	1	72"
S64021	.060	4.00	.250	1	72"
S71515 ‡	.074	1.50	.187	1/2	72"
S72015	.074	2.00	.187	1/2	72"
S72515 ‡	.074	2.50	.187	1/2	72"
S73015 ‡	.074	3.00	.187	1/2	72"
S74015 ‡	.074	4.00	.187	1/2	72"
S71511	.074	1.50	.187	1	72"
S72011	.074	2.00	.187	1	72"
S7201196	.074	2.00	.187	1	96"
S72511	.074	2.50	.187	1	72"
S73011	.074	3.00	.187	1	72"
S74011	.074	4.00	.187	1	72"
S71521	.074	1.50	.250	1	72"
S72021	.074	2.00	.250	1	72"
S7202196	.074	2.00	.250	1	96"
S72521	.074	2.50	.250	1	72"
S7252196	.074	2.50	.250	1	96"
S73021	.074	3.00	.250	1	72"
S7302196	.074	3.00	.250	1	96"
S73521	.074	3.50	.250	1	72"
S74021	.074	4.00	.250	1	72"
S74521	.074	4.50	.250	1	72"
S75021	.074	5.00	.250	1	72"
S91521	.090	1.50	.250	1	72"
S92021	.090	2.00	.250	1	72"
S92521	.090	2.50	.250	1	72"
S93021	.090	3.00	.250	1	72"
S93521	.090	3.50	.250	1	72"
S94021	.090	4.00	.250	1	72"
S12022	.120	2.00	.250	2	72"
S1202296	.120	2.00	.250	2	96"
S12522 ‡	.120	2.50	.250	2	72"
S13022	.120	3.00	.250	2	72"
S1302296	.120	3.00	.250	2	96"
S14022	.120	4.00	.250	2	72"
S1402296	.120	4.00	.250	2	96"
S15022 ‡	.120	5.00	.250	2	72"
S16022 ‡	.120	6.00	.250	2	72"
S12032	.120	2.00	.375	2	72"
S12532	.120	2.50	.375	2	72"
S13032	.120	3.00	.375	2	72"

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Length
S1303296	.120	3.00	.375	2	96"
S13532	.120	3.50	.375	2	72"
S14032	.120	4.00	.375	2	72"
S1403296	.120	4.00	.375	2	96"
S15032	.120	5.00	.375	2	72"
S1503296	.120	5.00	.375	2	96"
S16032	.120	6.00	.375	2	72"
S13052	.180	3.00	.500	2	72"
S14052	.180	4.00	.500	2	72"
S15052	.180	5.00	.500	2	72"
S16052	.180	6.00	.500	2	72"
S17052	.180	7.00	.500	2	72"
S18052	.180	8.00	.500	2	72"

‡ these hinges are non-stock

Other Sizes Available Upon Request

Material Thickness	Range of Open Width	Pin Diameter	Knuckle Length
.020	.75 - 2.00	.072	.250
.030	.75 - 2.00	.086	.250
.050	1.00 - 6.00	.125	.500
.060	1.00 - 6.00	.125	.625
.060	1.25 - 6.00	.187	2.00
.060	1.25 - 7.00	.250	2.00
.060	1.25 - 7.00	.312	2.00
.074	1.50 - 7.00	.156	1.00
.074	1.50 - 7.00	.156	1.50
.074	2.00 - 4.00	.187	2.00
.074	2.00 - 5.00	.250	2.00
.090	1.50 - 7.00	.187	1.00
.090	1.50 - 7.00	.187	2.00
.090	1.50 - 7.00	.250	2.00
.090	1.50 - 7.00	.312	1.00
.090	1.50 - 7.00	.312	2.00
.090	2.00 - 5.00	.250	2.00
.090	2.00 - 7.00	.375	1.00
.120	2.00 - 5.00	.375	2.00
.120	2.00 - 6.00	.250	2.00
.105	2.00 - 8.00	.250	2.00
.105	2.00 - 8.00	.375	2.00
.120	2.00 - 8.00	.312	2.00
.188	3.00 - 8.00	.500	2.00

- providing that the quantities are sufficient and lead times can be extended, Sierra Pacific can provide you with a hinge that is:
  - cut to length
  - perforated
  - swaged
  - offset
  - formed
  - reversed assembled
  - painted
  - plated
  - etc...

Mill Finish - Stainless Steel Continuous Hinges - 302/304 Leaves and Pins

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Length
SS20764 ▲	.025	.75	.062	1/4	72"
SS21064 ▲	.025	1.00	.062	1/4	72"
SS30765 ‡	.030	.75	.066	1/2	72"
SS31065 ‡	.030	1.00	.066	1/2	72"
SS31165 ‡	.030	1.06	.066	1/2	72"
SS31265	.030	1.25	.066	1/2	72"
SS31565	.030	1.50	.066	1/2	72"
SS30784 ▲	.035	.75	.086	1/4	72"
SS31084 ▲	.035	1.06	.086	1/4	72"
SS31284 ▲	.035	1.25	.086	1/4	72"
SS31584 ▲	.035	1.50	.086	1/4	72"
SS32084 ▲	.035	2.00	.086	1/4	72"
SS41095	.042	1.06	.091	1/2	72"
SS4109596	.042	1.06	.091	1/2	96"
SS41295	.042	1.25	.091	1/2	72"
SS41595	.042	1.50	.091	1/2	72"
SS4159596	.042	1.50	.091	1/2	96"
SS42095	.042	2.00	.091	1/2	72"
SS51015	.050	1.06	.120	1/2	72"
SS51215	.050	1.25	.120	1/2	72"
SS51515	.050	1.50	.120	1/2	72"
SS52015	.050	2.00	.120	1/2	72"
SS52515	.050	2.50	.120	1/2	72"
SS53015	.050	3.00	.120	1/2	72"
SS53515 ‡	.050	3.50	.120	1/2	72"
SS54015 ‡	.050	4.00	.120	1/2	72"
SS61015	.060	1.06	.120	1/2	72"
SS61215	.060	1.25	.120	1/2	72"
SS61515	.060	1.50	.120	1/2	72"
SS6151596	.060	1.50	.120	1/2	96"
SS62015	.060	2.00	.120	1/2	72"
SS6201596	.060	2.00	.120	1/2	96"
SS62515	.060	2.50	.120	1/2	72"
SS63015	.060	3.00	.120	1/2	72"
SS6301596	.060	3.00	.120	1/2	96"
SS63515	.060	3.50	.120	1/2	72"
SS64015	.060	4.00	.120	1/2	72"
SS61211	.060	1.25	.120	1	72"
SS61511	.060	1.50	.120	1	72"
SS61711 ‡	.060	1.75	.120	1	72"
SS62011	.060	2.00	.120	1	72"
SS62511	.060	2.50	.120	1	72"
SS63011	.060	3.00	.120	1	72"
SS63511	.060	3.50	.120	1	72"
SS64011	.060	4.00	.120	1	72"
SS61517	.060	1.50	.187	1/2	72"
SS62017	.060	2.00	.187	1/2	72"
SS62517	.060	2.50	.187	1/2	72"
SS63017	.060	3.00	.187	1/2	72"

▲ these hinges have staked pins

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Length
SS61518	.060	1.50	.187	5/8	72.5"
SS6151896	.060	1.50	.187	5/8	96.25"
SS62018	.060	2.00	.187	5/8	72.5"
SS6201896	.060	2.00	.187	5/8	96.25"
SS62518	.060	2.50	.187	5/8	72.5"
SS63018	.060	3.00	.187	5/8	72.5"
SS6301896	.060	3.00	.187	5/8	96.25"
SS61519 ‡	.060	1.50	.187	1	72"
SS6151996 ●	.060	1.50	.187	1	96"
SS62019 ‡	.060	2.00	.187	1	72"
SS62519 ‡	.060	2.50	.187	1	72"
SS63019	.060	3.00	.187	1	72"
SS64019 ‡	.060	4.00	.187	1	72"
SS61521	.060	1.50	.250	1	72"
SS62021	.060	2.00	.250	1	72"
SS62521	.060	2.50	.250	1	72"
SS63021	.060	3.00	.250	1	72"
SS63521	.060	3.50	.250	1	72"
SS64021	.060	4.00	.250	1	72"
SS71515 ‡	.074	1.50	.187	1/2	72"
SS72015	.074	2.00	.187	1/2	72"
SS72515 ‡	.074	2.50	.187	1/2	72"
SS73015 ‡	.074	3.00	.187	1/2	72"
SS74015 ‡	.074	4.00	.187	1/2	72"
SS72011	.074	2.00	.187	1	72"
SS72511	.074	2.50	.187	1	72"
SS73011	.074	3.00	.187	1	72"
SS74011	.074	4.00	.187	1	72"
SS71521	.074	1.50	.250	1	72"
SS72021	.074	2.00	.250	1	72"
SS7202196	.074	2.00	.250	1	96"
SS72521	.074	2.50	.250	1	72"
SS7252196	.074	2.50	.250	1	96"
SS73021	.074	3.00	.250	1	72"
SS7302196	.074	3.00	.250	1	96"
SS73521	.074	3.50	.250	1	72"
SS74021	.074	4.00	.250	1	72"
SS75021 ‡	.074	5.00	.250	1	72"
SS91521	.090	1.50	.250	1	72"
SS92021	.090	2.00	.250	1	72"
SS92521 ‡	.090	2.50	.250	1	72"
SS93021	.090	3.00	.250	1	72"
SS9302196 ●	.090	3.00	.250	1	96"
SS93521	.090	3.50	.250	1	72"
SS94021	.090	4.00	.250	1	72"
SS12022	.120	2.00	.250	2	72"
SS12522	.120	2.50	.250	2	72"
SS13022	.120	3.00	.250	2	72"
SS14022	.120	4.00	.250	2	72"
SS1402296 ●	.120	4.00	.250	2	96"

● = new ‡ these hinges are non-stock

Mill Finish - Stainless Steel Continuous Hinges



302/304 Leaves and Pins

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Length
SS12032	.120	2.00	.375	2	72"
SS13032	.120	3.00	.375	2	72"
SS1303296	.120	3.00	.375	2	96"
SS14032	.120	4.00	.375	2	72"
SS15032	.120	5.00	.375	2	72"
SS16032	.120	6.00	.375	2	72"
SS18032	.120	8.00	.375	2	72"

316SS Hinges Leaves and Pins

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Length
SST41095 ‡	.040	1.06	.091	1/2	72"
SST41295 ‡	.040	1.25	.091	1/2	72"
SST41595	.040	1.50	.091	1/2	72"
SST42095	.040	2.00	.091	1/2	72"
SST61515	.060	1.50	.120	1/2	72"
SST62015	.060	2.00	.120	1/2	72"
SST62515	.060	2.50	.120	1/2	72"
SST63015	.060	3.00	.120	1/2	72"
SST72021	.074	2.00	.250	1.00	72"
SST7202196 ‡	.074	2.00	.250	1.00	96"
SST73021	.074	3.00	.250	1.00	72"
SST7302196 ‡	.074	3.00	.250	1.00	96"

▲ these hinges have staked pins ‡ these hinges are non-stock

Aluminum Continuous Hinges

Mill finish - Equal Leaves - Full Hard Aluminum Pin

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Length
A20764 ▲	.025	.75	.062	1/4	72"
A21064 ▲	.025	1.00	.062	1/4	72"
A30765 ‡	.032	.75	.062	1/2	72"
A31065 ‡	.032	1.00	.062	1/2	72"
A31165 ‡	.032	1.06	.062	1/2	72"
A31265 ‡	.032	1.25	.062	1/2	72"
A31565 ‡	.032	1.50	.062	1/2	72"
A41084 ▲	.040	1.06	.080	1/4	72"
A41284 ▲	.040	1.25	.080	1/4	72"
A41584 ▲	.040	1.50	.080	1/4	72"
A41095	.040	1.06	.091	1/2	72"
A4109596	.040	1.06	.091	1/2	96"
A41295	.040	1.25	.091	1/2	72"
A41595	.040	1.50	.091	1/2	72"
A4159596	.040	1.50	.091	1/2	96"
A42095	.040	2.00	.091	1/2	72"
A51015	.050	1.06	.120	1/2	72"
A51215 ‡	.050	1.25	.120	1/2	72"
A51515	.050	1.50	.120	1/2	72"
A5151596	.050	1.50	.120	1/2	96"
A52015	.050	2.00	.120	1/2	72"
A52515	.050	2.50	.120	1/2	72"
A53015	.050	3.00	.120	1/2	72"
A53515 ‡	.050	3.50	.120	1/2	72"
A54015 ‡	.050	4.00	.120	1/2	72"
A61015	.060	1.06	.120	1/2	72"
A61215	.060	1.25	.120	1/2	72"
A61515	.060	1.50	.120	1/2	72"
A6151596	.060	1.50	.120	1/2	96"
A62015	.060	2.00	.120	1/2	72"
A6201596	.060	2.00	.120	1/2	96"
A62515	.060	2.50	.120	1/2	72"
A63015	.060	3.00	.120	1/2	72"
A61211	.060	1.25	.120	1	72"
A61511	.060	1.50	.120	1	72"
A62011	.060	2.00	.120	1	72"
A62511	.060	2.50	.120	1	72"
A63011	.060	3.00	.120	1	72"
A63511	.060	3.50	.120	1	72"
A64011	.060	4.00	.120	1	72"
A71515 ‡	.074	1.50	.187	1/2	72"
A72015	.074	2.00	.187	1/2	72"
A7201596 ●	.074	2.00	.187	1/2	96"
A72515	.074	2.50	.187	1/2	72"
A73015	.074	3.00	.187	1/2	72"
A73515	.074	3.50	.187	1/2	72"
A74015	.074	4.00	.187	1/2	72"
A71521 ‡	.074	1.50	.250	1	72"
A72021	.074	2.00	.250	1	72"
A72521	.074	2.50	.250	1	72"
A73021 ‡	.074	3.00	.250	1	72"
A74021 ‡	.074	4.00	.250	1	72"
A92021	.093	2.00	.250	1	72"
A92521	.093	2.50	.250	1	72"
A93021	.093	3.00	.250	1	72"
A9302196	.093	3.00	.250	1	96"
A93521 ‡	.093	3.50	.250	1	72"
A94021	.093	4.00	.250	1	72"
A94521 ‡	.093	4.50	.250	1	72"
A95021 ‡	.093	5.00	.250	1	72"
A12022	.120	2.00	.250	2	72"
A1202296	.120	2.00	.250	2	96"
A13022	.120	3.00	.250	2	72"
A1302296	.120	3.00	.250	2	96"
A14022	.120	4.00	.250	2	72"
A1402296	.120	4.00	.250	2	96"
A13032	.120	3.00	.375	2	72"
A14032	.120	4.00	.375	2	72"
A15032	.120	5.00	.375	2	72"

▲ these hinges have staked pins ‡ these hinges are non-stock ● = new

Continuous Hinges with Holes

Mill Finish Continuous Hinges with Coined Countersunk Holes

Holes on both leaves on 2.00" centers - All hinges have .50" knuckles - Pins not staked



Cold Rolled Steel Continuous Hinges

Part Number	Material Thickness	Open Width	Pin Diameter	Hole Size ±.005	Length
S410-30	.040	1.06	.091	Ø.181 hole countersunk for a #4 F.H.S.	30.00
S410-48	.040	1.06	.091		48.00
S410-72	.040	1.06	.091		72.00
S412-48	.040	1.25	.091		48.00
S412-72	.040	1.25	.091		72.00
S415-30	.040	1.50	.091		30.00
S415-72	.040	1.50	.091		72.00
S420-72	.040	2.00	.091		72.00
S612-30	.060	1.25	.120	Ø.220 hole countersunk for a #5 or #6 F.H.S.	30.00
S612-48	.060	1.25	.120		48.00
S612-72	.060	1.25	.120		72.00
S615-48	.060	1.50	.120		48.00
S615-72	.060	1.50	.120		72.00
S620-30	.060	2.00	.120		30.00
S620-48	.060	2.00	.120		48.00
S620-72	.060	2.00	.120		72.00
S625-48	.060	2.50	.120		48.00
S625-72	.060	2.50	.120		72.00
S630-48	.060	3.00	.120		48.00
S630-72	.060	3.00	.120		72.00

302/304SS Continuous Hinges

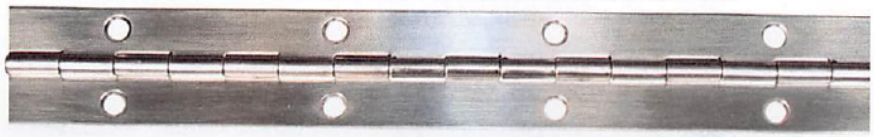
Part Number	Material Thickness	Open Width	Pin Diameter	Hole Size ±.005	Length
SS410-12	.040	1.06	.091	Ø.181 hole countersunk for a #4 F.H.S.	12.00
SS410-30	.040	1.06	.091		30.00
SS410-72	.040	1.06	.091		72.00
SS412-36	.040	1.25	.091		36.00
SS412-72	.040	1.25	.091		72.00
SS415-30	.040	1.50	.091		30.00
SS415-72	.040	1.50	.091		72.00
SS420-36	.040	2.00	.091		36.00
SS420-72	.040	2.00	.091		72.00
SS612-36	.060	1.25	.120	Ø.220 hole countersunk for a #5 or #6 F.H.S.	36.00
SS612-72	.060	1.25	.120		72.00
SS615-12	.060	1.50	.120		12.00
SS615-36	.060	1.50	.120		36.00
SS615-72	.060	1.50	.120		72.00
SS620-12	.060	2.00	.120		12.00
SS620-30	.060	2.00	.120		30.00
SS620-48	.060	2.00	.120		48.00
SS620-72	.060	2.00	.120		72.00
SS630-12	.060	3.00	.120		12.00
SS630-36	.060	3.00	.120		36.00
SS630-72	.060	3.00	.120		72.00

Aluminum

Part Number	Material Thickness	Open Width	Pin Diameter	Hole Size ±.005	Length
A410-72	.040	1.06	.091	Ø.170 hole countersunk for a #4 F.H.S.	72.00
A412-72	.040	1.25	.091		72.00
A415-72	.040	1.50	.091		72.00
A615-36	.060	1.50	.120	Ø.200 hole countersunk for a #5 F.H.S.	36.00
A615-72	.060	1.50	.120		72.00
A620-48	.060	2.00	.120		48.00
A620-72	.060	2.00	.120		72.00
A630-72	.060	3.00	.120		72.00

- providing that quantities are sufficient and lead times can be extended, Sierra Pacific can provide you with a hinge that is:
  - cut to length
  - perforated
  - etc...
  - offset
  - formed
  - reverse assembled
  - plated
  - swaged
  - painted

Stainless Steel Continuous Hinges with Holes

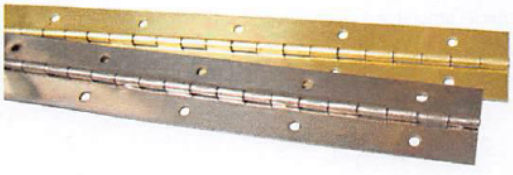


302/304SS - Hand Polished - Drilled Countersunk Holes

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Hole Size	Length	Notes
MSS410	.040	1.06	.091	.50	Ø.181 hole countersunk for a #5 F.H.S.	72.00	▸ 302/304SS leaves and pin ▸ pin securely staked in place ▸ deeply drilled countersunk holes on 2.00" centers ▸ top side and knuckle polished to a high luster ▸ packaged to prevent scratching in transit
MSS412	.040	1.25	.091	.50			
MSS415	.040	1.50	.091	.50	Ø.211 hole countersunk for a #6 F.H.S.		
MSS420	.040	2.00	.091	.50			
MSS615	.060	1.50	.120	.50	Ø.181 hole countersunk for a #6 F.H.S.		
MSS620	.060	2.00	.120	.50			
MSS630	.060	3.00	.120	.50			

302/304SS - Mill - Drilled Countersunk Holes

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Hole Size	Length	Notes
MSS410M	.040	1.06	.091	.50	Ø.181 hole countersunk for a #5 F.H.S	72.00	▸ all details as above, except these hinges are mill finish (not polished or degreased).
MSS412M	.040	1.25	.091	.50			
MSS415M	.040	1.50	.091	.50	Ø.211 hole countersunk for a #6 F.H.S.		
MSS420M	.040	2.00	.091	.50			
MSS615M	.060	1.50	.120	.50	Ø.181 hole countersunk for a #6 F.H.S.		
MSS620M	.060	2.00	.120	.50			
MSS630M	.060	3.00	.120	.50			



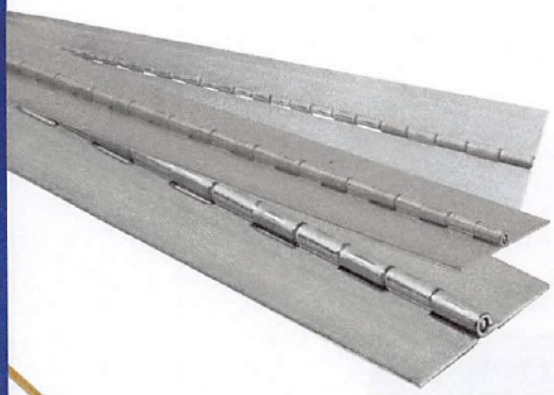
Premium Finish Steel Continuous Hinges with Countersunk Holes

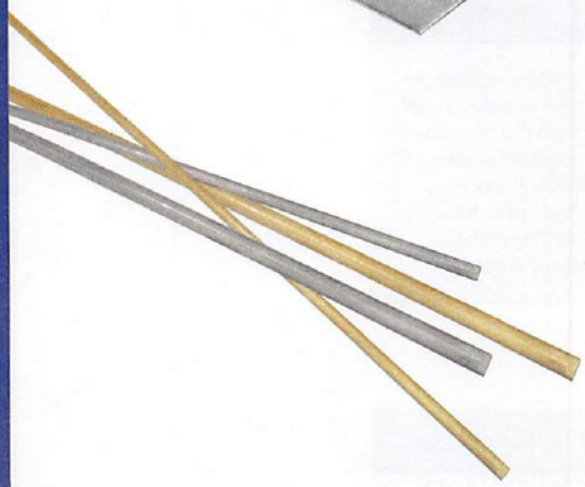
Part Numbers				Screw Size	Finish
Open Widths					
1.06"	1.25"	1.50"	2.00"		
NPSL41094	**NPSL41294**	**NPSL41594**	**NPSL42094**	#4	NICKEL PREMIUM GRADE ▸ top side high luster ▸ bottom side dull ▸ both sides lacquered
	NPSL41295	**NPSL41595**	**NPSL42095**	#5	
		NPSL41596	**NPSL42096**	#6	
BPSL41094	**BPSL41294**	**BPSL41594**	**BPSL42094**	#4	BRASS, PREMIUM GRADE, BRIGHT ▸ top side high luster ▸ bottom side satin ▸ both sides lacquered
	BPSL41295	**BPSL41595** ‡	**BPSL42095**	#5	
		BPSL41596 ‡	**BPSL42096** ‡	#6	

- leaf thickness .040", pre-plated cold rolled steel
- pin diameter .091", galvanized pin staked in place
- knuckle length .50"
- stock lengths shown are 72.00" long
- coined countersunk holes on 2.00" centers for flat head screws

‡ these hinges are non-stock

Continuous and Stop Hinges





Pre-plated Electro-Galvanized Hinges

Galvanized Pins - No Staking - No Holes - Degreased

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Length
G41595	.040	1.50	.091	1/2	72.00
G42095	.040	2.00	.091	1/2	72.00
G61515	.060	1.50	.120	1/2	72.00
G62015	.060	2.00	.120	1/2	72.00
G63015	.060	3.00	.120	1/2	72.00

Pins for Continuous Hinges

Part Number	Material	Pin Diameter	Length
091X72B	brass	.091	72.00
091X72SS	304SS	.091	72.00
120X72B	brass	.120	72.00
120X72SS	304SS	.120	72.00
187X72B	brass	.187	72.00
187X72SS	304SS	.187	72.00
250X72B	brass	.250	72.00
250X72SS	304SS	.250	72.00
375X72B	brass	.375	72.00
375X72SS	304SS	.375	72.00
500X72B	brass	.500	72.00
500X72SS	304SS	.500	72.00

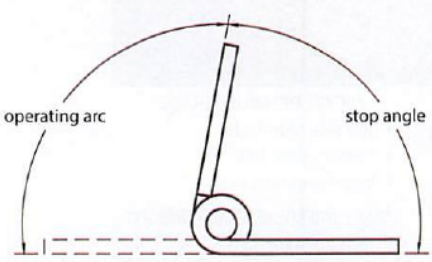
▸ custom lengths available

Continuous Stop Hinges

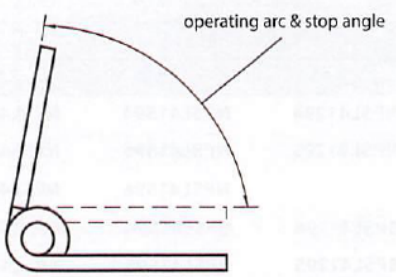
Stock Item

Part Number	Material Thickness	Open Width	Pin Diameter	Knuckle Length	Stop Specifications	Length
CS1050	.035 Steel	1.060	.086 steel	1/4	outside stop 90° ±3°	72.00

▸ inside stop hinges are special order items



outside stop hinges normally operate from the 180° or flat, open position, stopping at a specific angle plus or minus 3°.

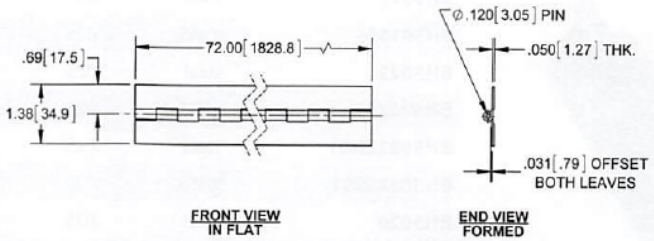


inside stop hinges normally operate from the 0° or closed position, stopping at a specific angle plus or minus 3°.

Continuous Hinges for Enclosure Cabinet

Part Number	Leaf Material	Pin Material
S51315-01	pre-electro galvanized steel	302/304SS
SS51315-01	302/304SS	302/304SS

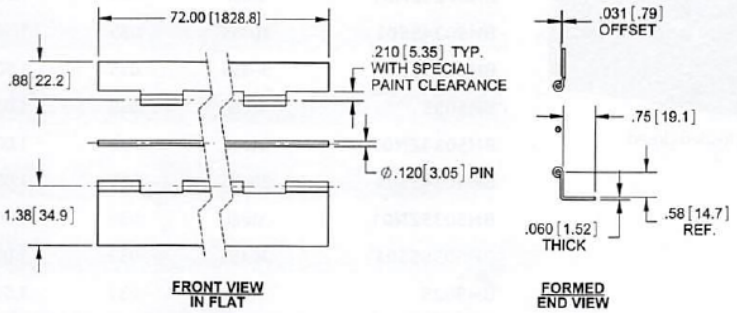
- may also be stocked in lengths other than shown
- shipped assembled



Continuous Hinges with special Paint Clearance

Part Number	Leaf Material	Pin Material
S62211-01	pre-electro galvanized steel	302/304SS
SS62211-01	302/304SS	302/304SS

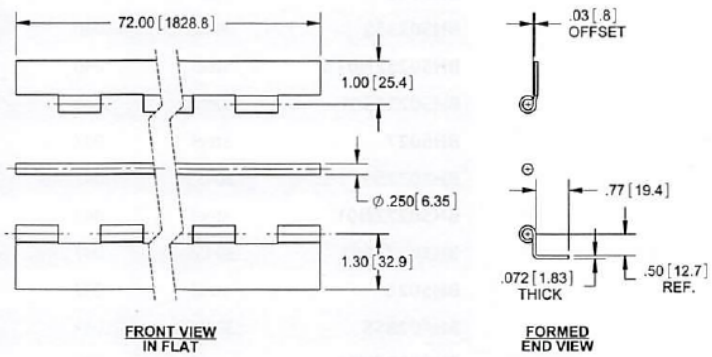
- shipped unassembled
- may also be stocked in lengths other than shown
- special paint clearance allows for primer coat plus a finish coat



Continuous Hinges for Enclosure Cabinet

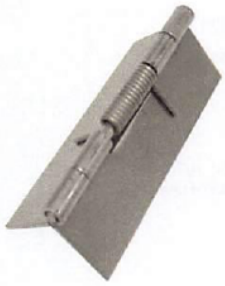
Part Number	Leaf Material	Pin Material
S72221-01	pre-electro galvanized steel	302/304SS
SS72221-01	302/304SS	302/304SS
A72221-01	aluminum	aluminum

- may also be stocked in lengths other than shown
- shipped unassembled



Spring Loaded Hinges - Mill Finish

Saver



spring loaded open



spring loaded closed

Part Number	Material	Material Thickness	Open Width	Length	Pin Diameter	Hole Size	Spring Action
BH5015	steel	.025	.750	1.250	.066	n/a	closed
BH5015SS	304SS	.025	.750	1.250	.066	n/a	closed
BH5022	steel	.025	.750	1.250	.066	n/a	open
BH5022SS	304SS	.025	.750	1.250	.066	n/a	open
BH5022ZN01	steel	.025	.750	1.250	.066	.130	open
BH5022SS01	304SS	.025	.750	1.250	.066	.130	open
BH5020	steel	.035	1.063	1.250	.091	#3	closed
BH502001	304SS	.035	1.063	1.250	.091	#3	reverse assembled*
BH5030	steel	.035	1.063	2.000	.091	n/a	open
BH5030SS01	304SS	.035	1.250	2.000	.091	#3	closed
BH5024	steel	.035	1.500	1.750	.091	n/a	open
BH5024SS	304SS	.035	1.500	1.750	.091	n/a	open
BH5024ZN01	steel	.035	1.500	1.750	.091	.158	open
BH5024SS01	304SS	.035	1.500	1.750	.091	.158	open
BH5031SS	304SS	.035	1.500	2.000	.091	.141	open
BH5033	steel	.039	1.062	1.250	.091	.130	open
BH5034ZN01	steel	.039	1.000	2.000	.091	.146	closed
BH5034SS01	304SS	.039	1.000	2.000	.091	.146	closed
BH5035ZN01	steel	.039	1.000	2.000	.091	.146	open
BH5035SS01	304SS	.039	1.000	2.000	.091	.146	open
BH5025	steel	.039	1.500	3.500	.091	n/a	closed
BH5025SS	304SS	.039	1.500	3.500	.091	n/a	closed
BH5025ZN01	steel	.039	1.500	3.500	.091	.158	closed
BH5025SS01	304SS	.039	1.500	3.500	.091	.158	closed
BH5021 ■	steel	.040	1.000	2.000	.091	.142	open
BH5021SS	304SS	.040	1.000	2.000	.091	.142	open
BH5023	steel	.040	1.500	3.500	.091	n/a	open
BH5023SS	304SS	.040	1.500	3.500	.091	n/a	open
BH5023ZN01 ■	steel	.040	1.500	3.500	.091	.157	open
BH5023SS01	304SS	.040	1.500	3.500	.091	.157	open
BH5027	steel	.047	2.000	5.000	.118	n/a	closed
BH5027SS	304SS	.047	2.000	5.000	.118	n/a	closed
BH5027ZN01	steel	.047	2.000	5.000	.118	.193	closed
BH5027SS01	304SS	.047	2.000	5.000	.118	.193	closed
BH5028	steel	.047	2.000	5.000	.118	n/a	open
BH5028SS	304SS	.047	2.000	5.000	.118	n/a	open
BH5028ZN01	steel	.047	2.000	5.000	.118	.193	open
BH5028SS01	304SS	.047	2.000	5.000	.118	.193	open
BH5085 ■	steel	.050	2.750	1.562	.115	.156	open
BH5087	steel	.050	3.250	1.562	.115	.156	open
BH5087ZN ■	steel	.050	3.250	1.562	.115	.156	open
BH5089SS	304SS	.060	1.500	2.500	.120	n/a	open
BH5089SS-01	304SS	.060	1.50	2.500	.120	.250	open
BH5090	steel	.060	2.000	3.000	.125	n/a	open

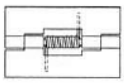
- all hinges have coined pins
- providing that quantities are sufficient and lead times can be extended, Sierra Pacific can provide you with a spring loaded hinge that is manufactured to your exact requirements
- contact Sierra Pacific for more detailed information regarding torque specifications for all hinges on this page

■ part numbers: **BH5085**, **BH5021**, **BH5023ZN01**, & **BH5087ZN** have clear zinc plated finish

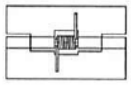
Spring Loaded Hinges

scale 1:2

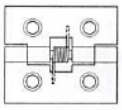
continued from previous page
▸ see previous page for hinge details



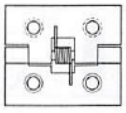
BH5015
BH5015SS



BH5022
BH5022SS



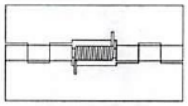
BH5020



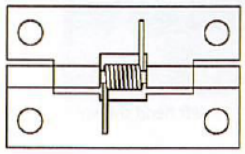
BH502001



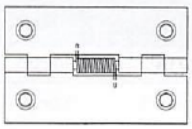
*reverse assembled



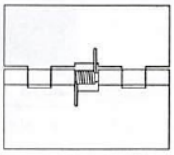
BH5030



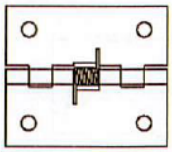
BH5022ZN01
BH5022SS01



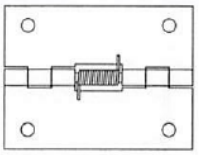
BH5030SS01



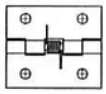
BH5024
BH5024SS



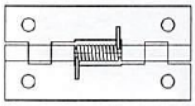
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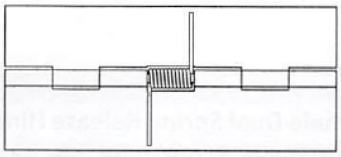
BH5031SS



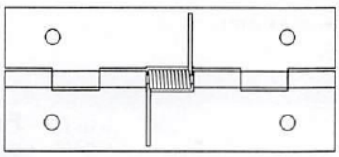
BH5033



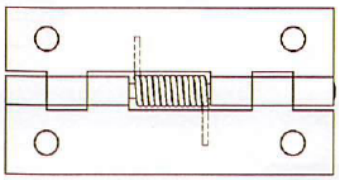
BH5021
BH5021SS



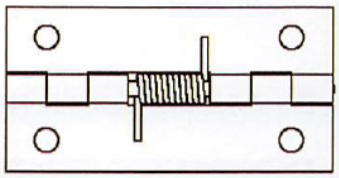
BH5023
BH5023SS



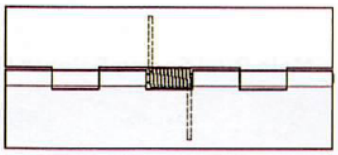
BH5023ZN01
BH5023SS01



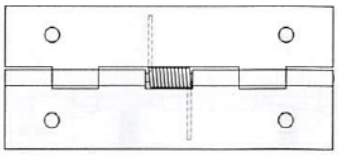
BH5034ZN01
BH5034SS01



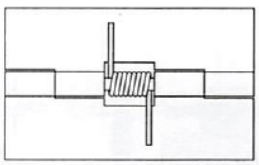
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BH5035SS01



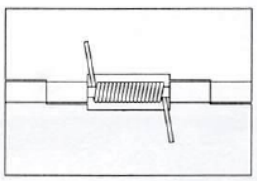
BH5025ZN
BH5025SS



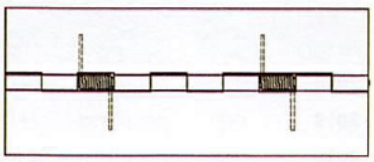
BH5025ZN01
BH5025SS01



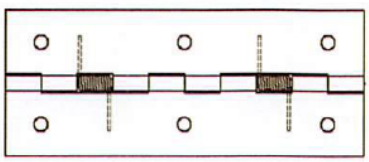
BH5089SS



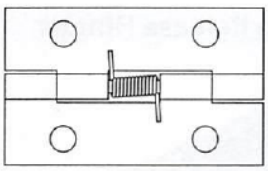
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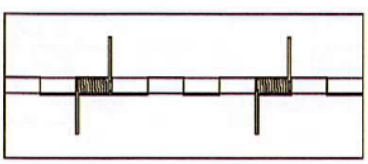
BH5027ZN
BH5027SS



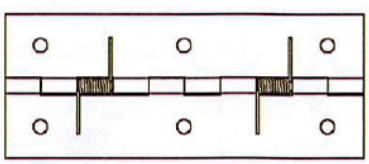
BH5027ZN01
BH5027SS01



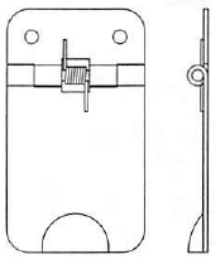
BH5089SS-01



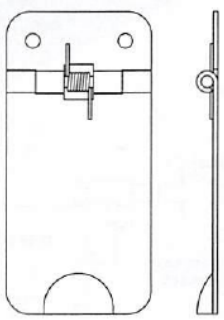
BH5028ZN
BH5028SS



BH5028ZN01
BH5028SS01

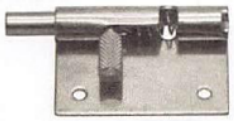


BH5085 ■
(cover hinge)

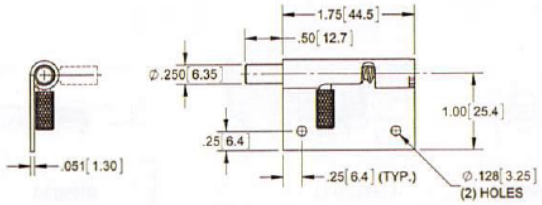


BH5087
BH5087N
(cover hinge)

Spring Release Hinge



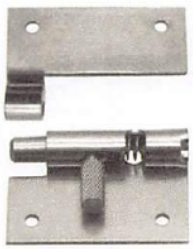
left hand shown



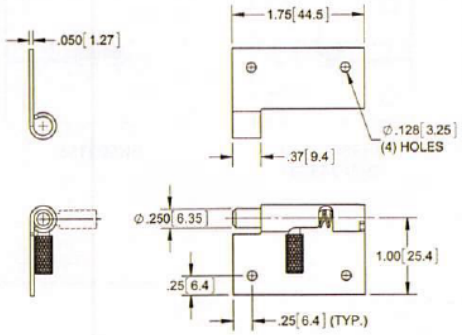
Left Hand Part No.	Right Hand Part No.	Material	Finish
2011	2012	304SS	tumbled

- male leaf only

Spring Release Hinge



left hand shown



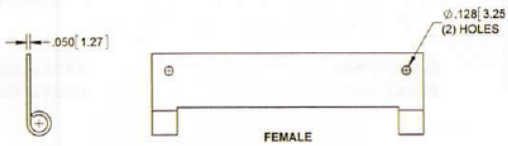
Left Hand Part No.	Right Hand Part No.	Material	Finish
2013	2014	304SS	tumbled

- sold as a male & female set only

Dual Spring Release Hinge



female

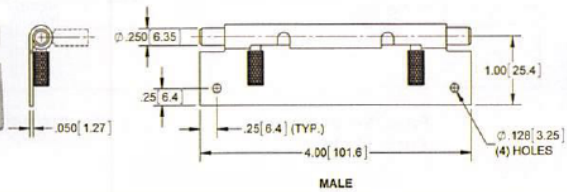


Female Dual Spring Release Hinge

Female Part Number	Material	Finish
2016	304SS	tumbled



male



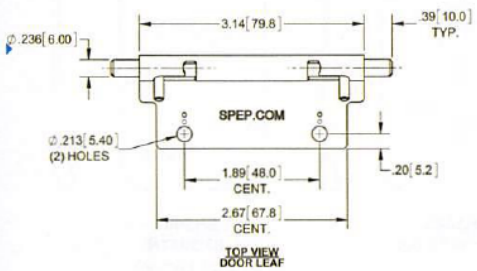
Male Dual Spring Release Hinge

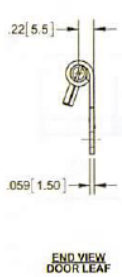
Male Part Number	Material	Finish
2015	304SS	tumbled

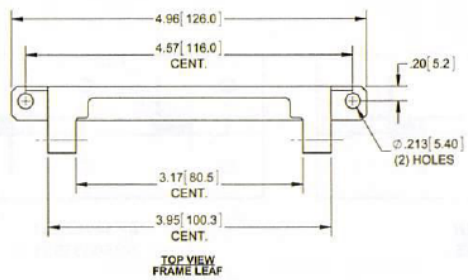
Dual Spring Release Hinges

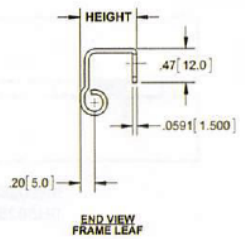


Part Number	Material	Finish	Height
2018	steel	zinc plated	.67 [17]
2019	steel	zinc plated	.79 [20]
2020	steel	zinc plated	.92 [23.4]
2018SS	304SS	passivated	.67 [17]
2019SS	304SS	passivated	.79 [20]
2020SS	304SS	passivated	.92 [23.4]





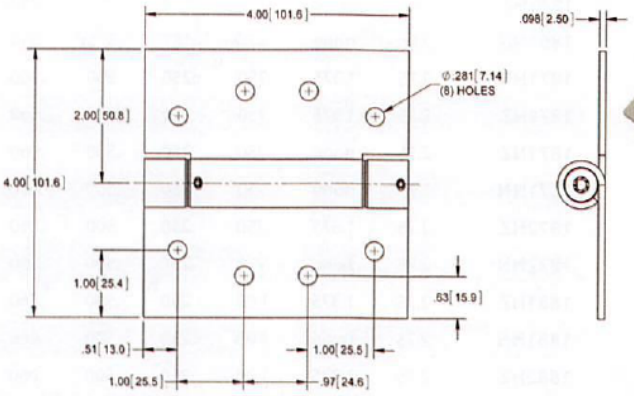




Single Action Spring Hinge

Part Number	Material	Finish
BH5095	steel	gray painted

- for right or left handed use
- adjustable tension, spring loaded open

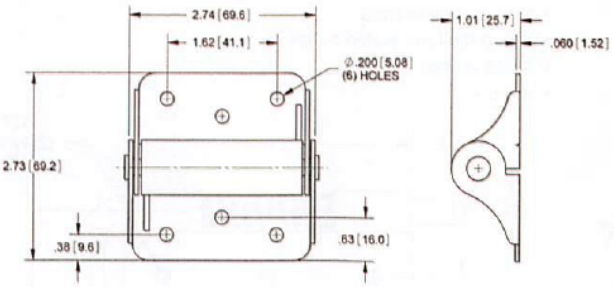




Spring Loaded Open Hinge

Part Number	Material	Finish
H2060ZN	steel	zinc plated

- hinge is spring loaded open

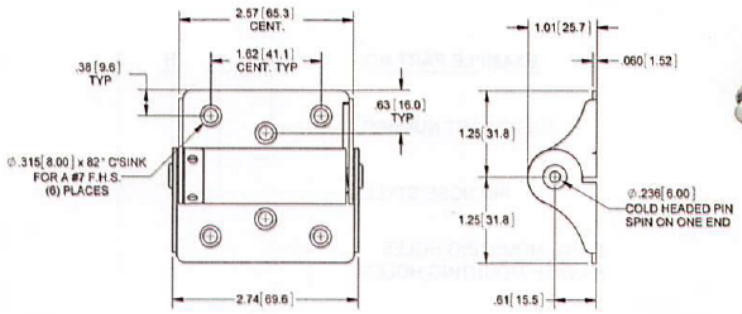


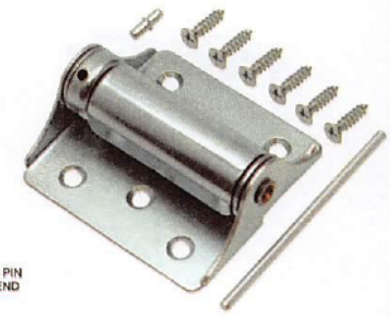


Adjustable Spring Loaded Hinge

Part Number	Material	Finish
H2062ZN	steel	zinc plated

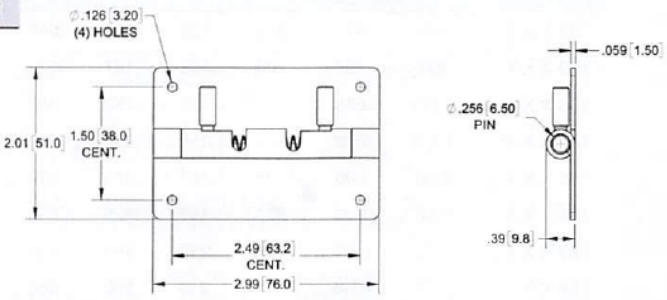
- hinge is spring loaded open
- kit includes:
  - (6) screws
  - (1) adjusting lever
  - (1) adjusting pin

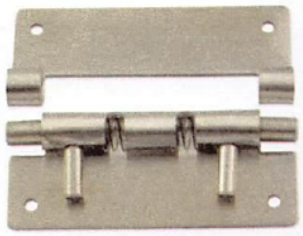




Dual Spring Release Hinges

Part No.	Material	Finish
2021SS	304SS	brushed
NEW 2021ZN	steel	zinc plated





Stock Steel Cane Bolt Latches

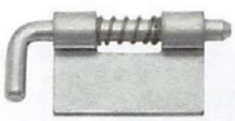
Saver

Left Hand Part Number	A	B	C	D	E	F	G	H	J	Right Hand Part Number
1841HZ	1.375	none	.750	.158	.250	.040	.188	.625	.187	**1941HZ**
1861NN	2.00	none	.875	.187	.375	.050	none	.69	none	**1961NN**
1871HN	2.75	1.375	.750	.250	.500	.060	.250	.81	.250	**1971HN**
1871HZ	2.75	1.375	.750	.250	.500	.060	.250	.81	.250	**1971HZ**
1871NZ	2.75	none	.750	.250	.500	.060	none	.81	none	**1971NZ**
1871NN	2.75	none	.750	.250	.500	.060	none	.81	none	**1971NN**
1872HZ	2.75	1.375	.750	.250	.500	.060	.250	.81	.250	**1972HZ**
1872NN	2.75	none	.750	.250	.500	.060	none	.81	none	**1972NN**
1881HZ	2.75	1.375	1.00	.250	.500	.060	.250	.81	.250	**1981HZ**
1881NN	2.75	none	1.00	.250	.500	.060	none	.81	none	**1981NN**
1882HZ	2.75	1.375	1.00	.250	.500	.060	.250	.81	.250	**1982HZ**
1882NZ	2.75	none	1.00	.250	.500	.060	none	.81	none	**1982NZ**
1882NN	2.75	none	1.00	.250	.500	.060	none	.81	none	**1982NN**

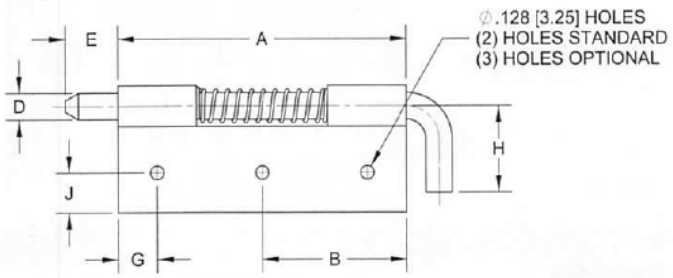
- steel leaves
- steel, zinc plated pins
- spring steel zinc plated c-clips
- 304SS springs
- in stock



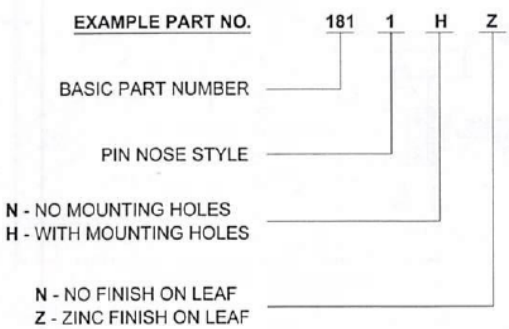
example part no. **1951NN**

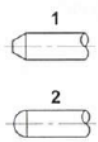


example part no. **1921NZ**



LEFT HAND SHOWN





PIN NOSE STYLE

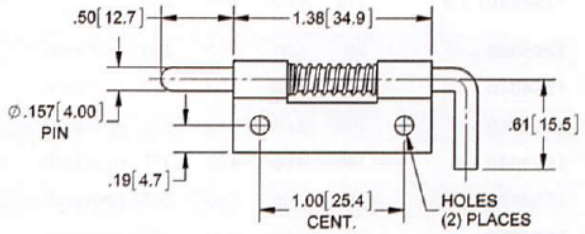
Build Your Own Cane Bolt Latches

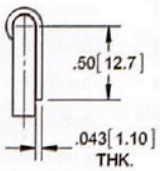
Left Hand Part Number	A	B	C	D	E	F	G	H	J	Right Hand Part Number
181 X X X	.875	.438	.375	.125	.187	.040	.156	.437	.156	**191 X X X**
182 X X X	.875	.438	.500	.125	.187	.040	.156	.437	.156	**192 X X X**
183 X X X	1.375	.688	.500	.156	.250	.040	.187	.625	.187	**193 X X X**
184 X X X	1.375	.688	.750	.156	.250	.040	.187	.625	.187	**194 X X X**
185 X X X	2.00	1.00	.625	.187	.375	.050	.250	.687	.187	**195 X X X**
186 X X X	2.00	1.00	.875	.187	.375	.050	.250	.687	.187	**196 X X X**
187 X X X	2.75	1.375	.750	.250	.500	.060	.250	.812	.250	**197 X X X**
188 X X X	2.75	1.375	1.00	.250	.500	.060	.250	.812	.250	**198 X X X**

Steel Cane Bolt Latches

Part Number	Description	Material	Finish	Holes
1832HZ01	left hand	steel	zinc plated	Ø.128 [3.25]
1932HZ01	right hand	steel	zinc plated	Ø.128 [3.25]
1832HSS01	left hand	304SS	mill	Ø.136 [3.45]
1932HSS01	right hand	304SS	mill	Ø.136 [3.45]





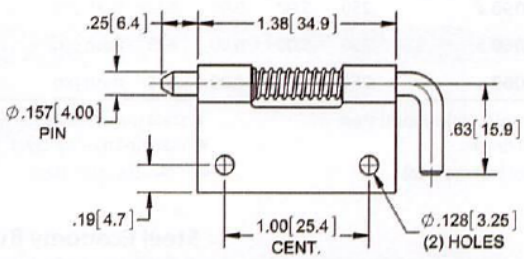


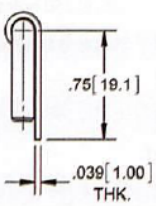


300 Series Stainless Steel Cane Bolt Latches

Part Number	Description	Material	Holes
1841HZSS	left hand	300 series stainless steel	passivated
1941HZSS	right hand	300 series stainless steel	passivated







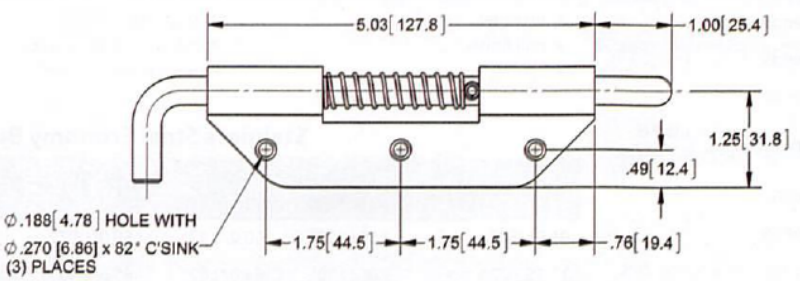
Aluminum Spring Loaded Bolt Latches

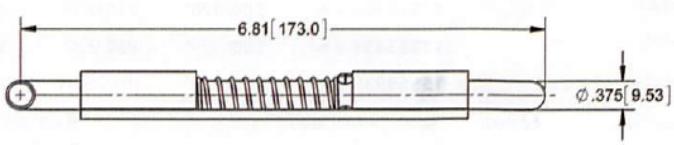
Part Number	Description	Material	Material Thickness	Finish
1440	right hand	aluminum	.125 [3.18]	mill
1441	left hand	aluminum	.125 [3.18]	mill

- stainless steel pin and components









Butt Hinges



Steel Butt Hinges

Part Number	Matl. Thk.	Open Width	Length	Pin Dia.	Pin Retention	Special Features
5S151501 ◆ ✱	.050	1.50	1.50	.120	spun ends	stainless steel pin
6S1515BP ◆	.060	1.50	1.50	.125	staked	brass pin
6S1520 ◆ ✱	.060	1.50	2.00	.125	spun ends	—
6S1520BP ◆	.060	1.50	2.00	.125	staked	brass pin
6S1525BP	.060	1.50	2.50	.125	staked	brass pin
6S2020BP ◆	.060	2.00	2.00	.125	staked	brass pin
6S2025BP ◆	.060	2.00	2.50	.125	staked	brass pin
6S2525BP ◆	.060	2.50	2.50	.125	staked	brass pin
6S152001 ◆ ✱	.060	1.50	2.00	.180	staked	zinc pltd. finish with brass pin (2) Ø.203 holes
6S152002 ◆ ✱	.060	1.50	2.00	.180	staked	brass pin
7S2020 ◆	.074	2.00	2.00	.187	spun ends	—
7S2021 ◆ ✱	.074	2.00	2.00	.187	spun ends	—
7S2025 ◆	.074	2.00	2.50	.187	spun ends	—
7S2030 ◆	.074	2.00	3.00	.187	spun ends	—
7S2525 ◆	.074	2.50	2.50	.187	spun ends	—
7S3030 ◆	.074	3.00	3.00	.187	spun ends	—
7S303003 ◆	.074	3.00	3.00	.187	staked	zinc plated, (6) Ø.250 holes
8S1520SSP ◆ ✱	.085	1.50	2.00	.195	staked	stainless steel pin
8S2030	.085	2.00	3.00	.195	staked	—
8S2525	.085	2.50	2.50	.195	staked	—
8S2525SP ◆ ✱	.085	2.50	2.50	.195	spun ends	—
8S3030	.085	3.00	3.00	.195	staked	—
8S3535	.085	3.50	3.50	.195	staked	—
8S4040	.085	4.00	4.00	.195	staked	—
9S2030 ◆	.090	2.00	3.00	.187	spun ends	—
9S2530 ◆	.090	2.50	3.00	.187	spun ends	—
9S3030 ◆ ✱	.090	3.00	3.00	.187	spun ends	—
9S303002 ◆ ✱	.098	3.00	3.00	.250	spun ends	zinc plated, stainless pin
9S3535 ◆ ✱	.090	3.50	3.50	.187	spun ends	—
10S2525 ◆	.105	2.50	2.50	.187	spun ends	—
12S2025	.120	2.00	2.50	.250	spun ends	—
12S2525 ◆ ✱	.120	2.50	2.50	.250	spun ends	—
12S2530 ◆	.120	2.50	3.00	.250	spun ends	—
12S253003 ◆ ✱	.120	2.50	3.00	.250	spun ends	zinc plated, (4) Ø.262 holes
12S2535 ◆	.120	2.50	3.50	.250	spun ends	—
12S3030 ◆ ✱	.120	3.00	3.00	.250	spun ends	—
12S303001 ◆ ✱	.120	3.00	3.00	.250	spun ends	½ swaged, zinc
12S3035	.120	3.00	3.50	.250	spun ends	—
12S3040 ◆	.120	3.00	4.00	.250	spun ends	—
12S3535 ◆ ✱	.118	3.50	3.50	.256	spun ends	—
12S3540	.120	3.50	4.00	.250	spun ends	—
12S4040 ◆ ✱	.120	4.00	4.00	.276	spun ends	—
12S40401 ◆ ✱	.118	4.00	4.00	.276	(1) end spun	½ swaged
12S6060 ◆	.120	6.00	6.00	.250	spun ends	—
13S4040 ◆ ✱	.130	4.00	4.00	.250	spun ends	—
18S3060 ◆	.180	3.00	6.00	.375	spun ends	—
18S4040 ◆ ✱	.180	4.00	4.00	.375	spun ends	stainless pin
18S4050 ◆	.180	4.00	5.00	.375	spun ends	—
18S4060	.180	4.00	6.00	.375	spun ends	—
18S5050 ◆	.180	5.00	5.00	.394	spun ends	—
18S5060 ◆	.180	5.00	6.00	.375	spun ends	—
18S5080	.180	5.00	8.00	.375	spun ends	—
18S6060 ◆ ✱	.180	6.00	6.00	.375	spun ends	—
18S6080	.180	6.00	8.00	.375	spun ends	—
25S4040SSP ◆ ✱	.250	4.00	4.00	.625	flush pin	stainless pin
25S4050 ◆	.250	4.00	5.00	.625	flush pin	—
25S5050 ◆	.250	5.00	5.00	.625	flush pin	—
25S5060 ◆	.250	5.00	6.00	.625	flush pin	—
25S6060 ◆	.250	6.00	6.00	.625	flush pin	—

- no holes unless indicated
- mill finish
- steel leaf material
- steel pin unless otherwise indicated
- ✱ indicates money saver
- ◆ indicates stock item

Steel Economy Butt Hinges

Part Number	Thickness (mm/inch)	Open (mm/inch)	Length (mm/inch)	Pin Diameter (mm/inch)
9S1919 ◆ ✱	2.50/.098"	50.0/1.97"	50.0/1.97"	5.00/.197"
12S2526 ◆ ✱	3.00/.120"	63.5/2.50"	65.0/2.56"	6.00/.236"
12S2829 ◆ ✱	3.20/.126"	73.0/2.87"	75.0/2.95"	6.80/.268"
13S3435 ◆ ✱	3.50/.138"	87.9/3.46"	90.0/3.54"	7.00/.276"
13S3939 ◆ ✱	3.50/.138"	100.0/3.94"	100.0/3.94"	8.00/.315"
17S4849 ◆ ✱	4.50/.177"	123.0/4.84"	125.0/4.92"	10.00/.394"
19S5959 ◆ ✱	5.00/.197"	150.0/5.91"	150.0/5.91"	11.00/.433"

- no holes
- mill finish
- spun ends
- spun ends
- ✱ indicates money saver
- ◆ indicates stock item

Stainless Steel Economy Butt Hinges

Part Number	Thickness (mm/inch)	Open (mm/inch)	Length (mm/inch)	Pin Diameter (mm/inch)
9SS1919 ◆ ✱	2.50/.098"	50.0/1.97"	50.0/1.97"	5.00/.197"
12SS2526 ◆ ✱	3.00/.120"	64.0/2.52"	65.0/2.56"	6.00/.236"
12SS2829 ◆ ✱	3.00/.120"	75.0/2.95"	75.0/2.95"	7.00/.276"
12SS3435 ◆ ✱	3.00/.120"	88.2/3.47"	90.0/3.54"	8.00/.315"
15SS3939 ◆ ✱	4.00/.158"	100.0/3.94"	100.0/3.94"	8.00/.315"

- 304SS, mill finish
- no holes
- spun ends
- ✱ indicates money saver
- ◆ indicates stock item

Butt Hinges



Aluminum Butt Hinges

Part Number	Matl. Thk.	Open Width	Length	Pin Dia.	Pin Retention	Special Features
5A2025 ◆	.051	2.00	2.50	.125	spun ends	—
6A1015 ◆	.064	1.00	1.50	.125	spun ends	—
6A1515 ◆	.064	1.50	1.50	.125	spun ends	—
6A2020 ◆	.064	2.00	2.00	.125	spun ends	—
6A2025 ◆	.064	2.00	2.50	.125	spun ends	—
6A2030 ◆	.064	2.00	3.00	.125	spun ends	—
6A2525 ◆	.064	2.50	2.50	.125	spun ends	—
6A2530 ◆	.064	2.50	3.00	.125	spun ends	—
6A3030 ◆	.064	3.00	3.00	.125	spun ends	—
8A2020 ◆	.081	2.00	2.00	.187	spun ends	—
8A2025 ◆	.081	2.00	2.50	.187	spun ends	—
8A2525 ◆	.081	2.50	2.50	.187	spun ends	—
9A2030 ◆	.091	2.00	3.00	.187	spun ends	—
9A2530 ◆	.091	2.50	3.00	.187	spun ends	—
9A2535 ◆	.091	2.50	3.50	.187	spun ends	—
9A3030 ◆	.091	3.00	3.00	.187	spun ends	—
9A3035 ◆	.091	3.00	3.50	.187	spun ends	—
9A3535	.091	3.50	3.50	.187	spun ends	—
12A2025 ◆✹	.125	2.00	2.50	.250	spun ends	—
12A2030 ◆	.125	2.00	3.00	.250	spun ends	—
12A2525 ◆	.125	2.50	2.50	.250	spun ends	—
12A252502 ◆	.125	2.50	2.50	.250	spun ends	(6) Ø.250 holes
12A2530 ◆	.125	2.50	3.00	.250	spun ends	—
12A3030 ◆	.125	3.00	3.00	.250	spun ends	—
12A3040 ◆	.125	3.00	4.00	.250	spun ends	—
12A3540 ◆	.125	3.50	4.00	.250	spun ends	—
12A4040 ◆✹	.125	4.00	4.00	.250	spun ends	—

- mill finish
- no holes unless indicated

✹ indicates money saver
◆ indicates stock item

Stainless Steel Butt Hinges

Part Number	Matl. Thk.	Open Width	Length	Pin Dia.	Pin Retention	Special Features
3SS102001 ◆	.030	1.00	2.00	.066	staked	—
6SS1515 ◆	.060	1.50	1.50	.125	staked	—
6SS1520 ◆	.060	1.50	2.00	.125	staked	—
6SS2020 ◆	.060	2.00	2.00	.125	staked	—
6SS2025 ◆	.060	2.00	2.50	.125	staked	—
6SS2030 ◆	.060	2.00	3.00	.125	spun ends	—
6SS2525 ◆	.060	2.50	2.50	.125	spun ends	—
6SS2530 ◆	.060	2.50	3.00	.125	spun ends	—
7SS2021 ◆	.075	2.00	2.00	.187	spun ends	—
7SS2025 ◆	.075	2.00	2.50	.187	spun ends	—
7SS2525 ◆	.075	2.50	2.50	.187	spun ends	—

- no holes
- 302/304SS leaves and pins

✹ indicates money saver
◆ indicates stock item

Part Number	Matl. Thk.	Open Width	Length	Pin Dia.	Pin Retention	Special Features
9SS2030 ◆	.090	2.00	3.00	.187	spun ends	—
9SS2530 ◆	.090	2.50	3.00	.187	spun ends	—
9SS3030 ◆✹	.090	3.00	3.00	.187	spun ends	—
9SS303002 ◆	.090	3.00	3.00	.187	spun ends	½ swaged (6) Ø.281 Holes
9SS3035 ◆	.090	3.00	3.50	.187	spun ends	—
9SS3535 ◆✹	.090	3.50	3.50	.187	spun ends	—
10SS2025	.105	2.00	2.50	.187	spun ends	—
10SS2525 ◆	.105	2.50	2.50	.187	spun ends	—
12SS2030 ◆	.120	2.00	3.00	.250	spun ends	—
12SS2530 ◆✹	.120	2.50	3.00	.250	spun ends	—
12SS3030 ◆✹	.120	3.00	3.00	.250	spun ends	—
12SS3040 ◆	.120	3.00	4.00	.250	spun ends	—
12SS3535 ◆✹	.118	3.50	3.50	.256	spun ends	—
12SS3540 ✹	.120	3.50	4.00	.250	spun ends	—
12SS4040 ◆✹	.120	4.00	4.00	.276	spun ends	—
12SS40402 ◆	.120	4.00	4.00	.276	spun ends	½ swaged
12SS6040	.120	6.00	4.00	.250	none	—

- no holes
- 302/304SS leaves and pins

✹ indicates money saver
◆ indicates stock item

Type 316SS Butt Hinges

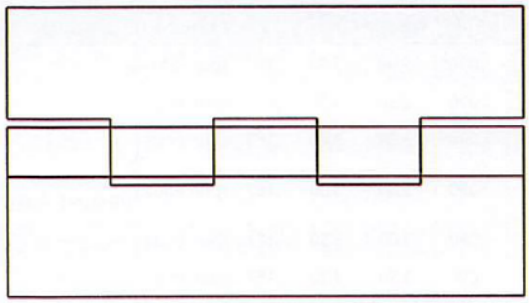
Part Number	Material Thickness	Open Width	Length	Pin Diameter	Pin Retention
6SST1515 ◆	.060	1.50	1.50	.125	staked
6SST1520 ◆	.060	1.50	2.00	.125	staked
6SST2020 ◆	.060	2.00	2.00	.125	staked
6SST2525 ◆	.060	2.50	2.50	.125	staked
7SST2020 ◆	.075	2.00	2.00	.187	spun ends
9SST2030	.090	2.00	3.00	.187	spun ends
9SST3030 ◆	.090	3.00	3.00	.187	spun ends
12SST2030 ◆	.120	2.00	3.00	.250	spun ends
12SST3030 ◆	.120	3.00	3.00	.250	spun ends
12SST3040 ◆	.120	3.00	4.00	.250	spun ends
12SST4040 ◆	.120	4.00	4.00	.250	spun ends
18SST4040 ◆	.180	4.00	4.00	.375	spun ends

- no holes

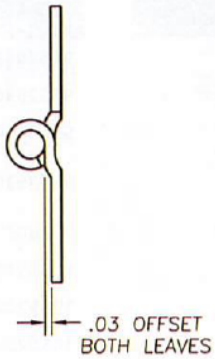
◆ indicates stock item

Cold Rolled Steel - Mill Finish - No Holes

SCALE 1:1



6S152501 * ‡

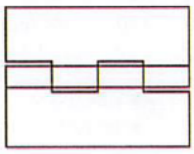


Part Number	Material Thickness	Open Width	Length	Pin Diameter
BH0004 ■	.030	.75	1.00	.063
BH0005	.020	.75	1.00	.072
BH0050	.035	.75	.75	.099
BH0055	.035	.75	1.00	.091
BH0060	.035	1.06	1.00	.091
BH0065	.035	1.06	1.25	.091
BH0070 ‡	.035	1.06	1.50	.091
BH0075	.035	1.06	2.00	.091
BH0080 ‡	.035	1.25	1.50	.091
BH0085	.035	1.50	1.50	.091
6S152501* ‡	.060	1.50	2.50	.125

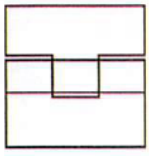
- all above hinges have staked pins and flat leaves except for part no. **6S152501**, *this hinge has stainless steel pin and offset leaves

‡ these hinges are non-stock

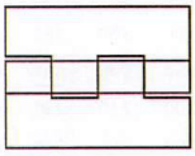
■ this hinge only: brass material with lacquered finish



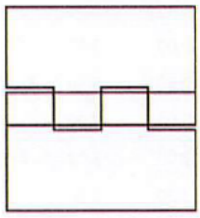
BH0005



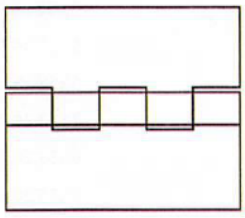
BH0050



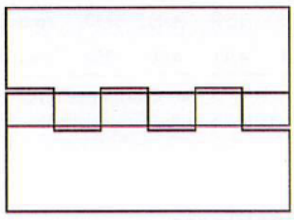
BH0055



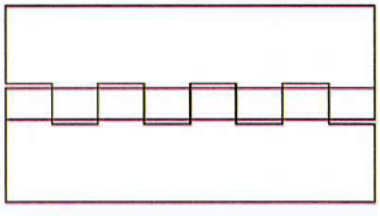
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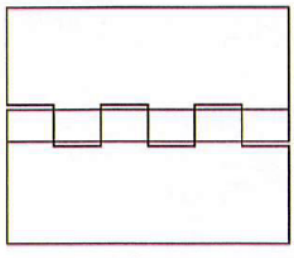
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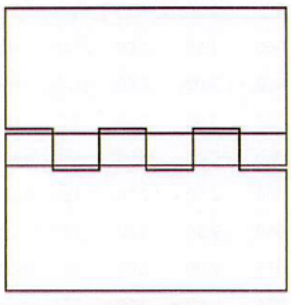
BH0070



BH0075



BH0080



BH0085 ‡

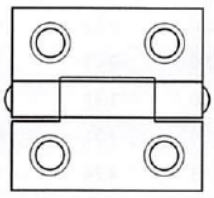
Steel Economy Butt Hinges with Swage and Holes

Saver

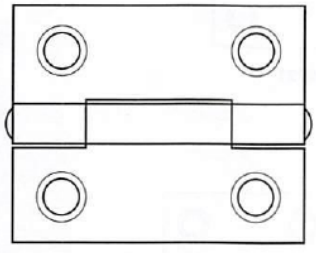
SCALE 1:1

Part Number	Material Thickness	Finish	Open Width	Length	Pin Diameter	Pin Retention	Swage Dimension	Screw Size
BH7005BP	.044	brass plated	.94	1.00	.102	spun ends	.010	#3
BH7005ZN	.044	zinc plated	.94	1.00	.102	spun ends	.010	#3
BH7010BP	.050	brass plated	1.20	1.50	.102	spun ends	.034	#4
BH7010ZN	.050	zinc plated	1.20	1.50	.102	spun ends	.034	#4
BH7015BP	.050	brass plated	1.46	1.98	.118	spun ends	.034	#5
BH7015ZN	.050	zinc plated	1.46	1.98	.118	spun ends	.034	#5
BH7020BP	.050	brass plated	1.60	2.50	.125	spun ends	.030	#5
BH7020ZN	.050	zinc plated	1.60	2.50	.125	spun ends	.030	#5
BH7025BP	.060	brass plated	1.84	2.95	.158	spun ends	.030	#6
BH7025ZN	.060	zinc plated	1.84	2.95	.158	spun ends	.030	#6
BH7030*	.071	zinc plated	2.00	3.00	.187	spun ends	not swaged	#9

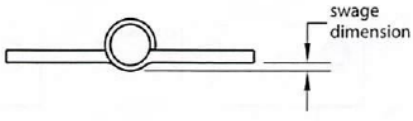
▸ * does not have swaged leaves

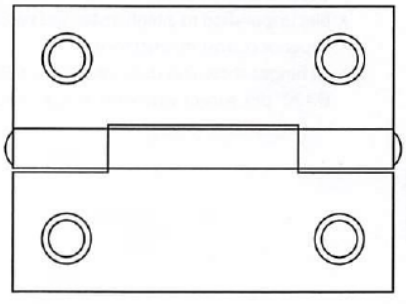


BH7005BP
BH7005ZN

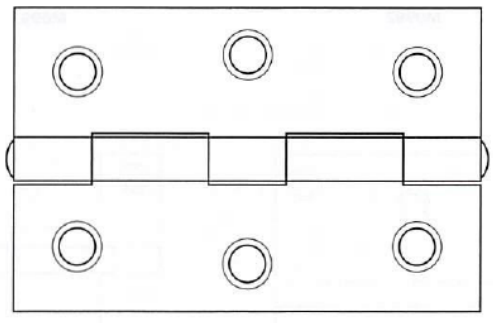


BH7010BP
BH7010ZN

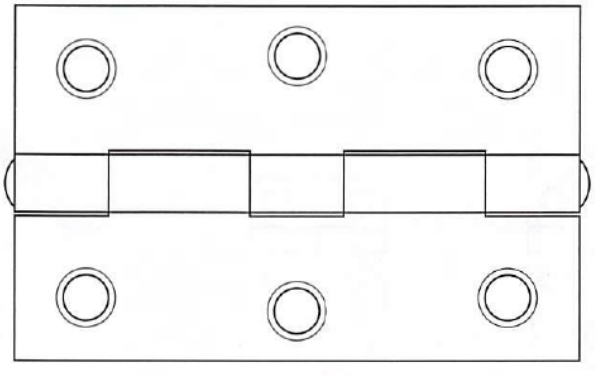




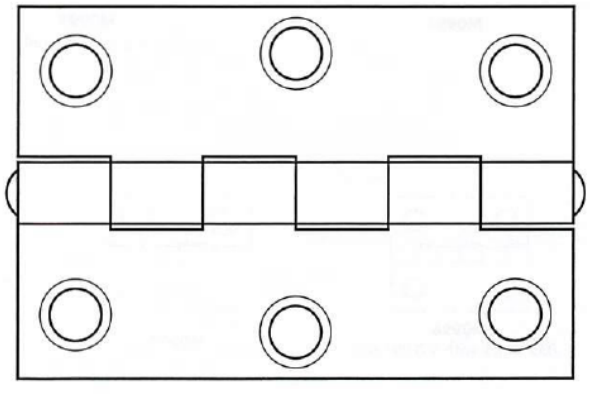
BH7015BP
BH7015ZN



BH7020BP
BH7020ZN



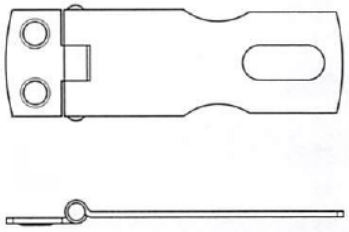
BH7025BP
BH7025ZN



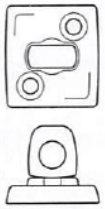
BH7030
* hinge does not have swaged leaves

Stainless Steel Marine Specialty Hinges

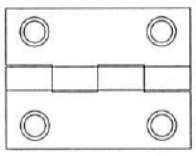
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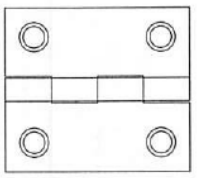
M0827



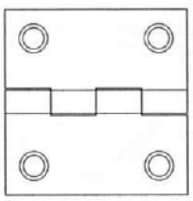
M0627
316SS material



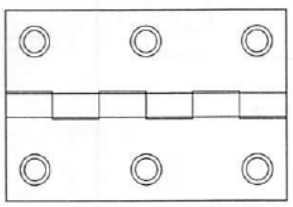
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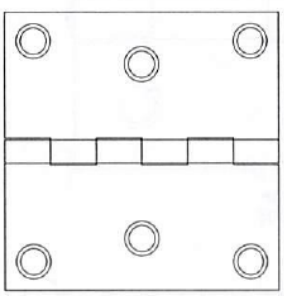
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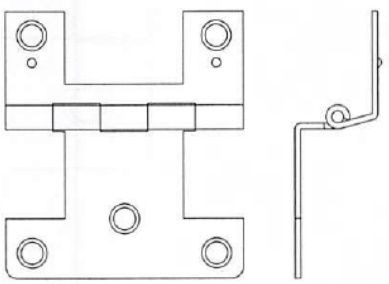
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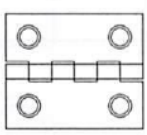
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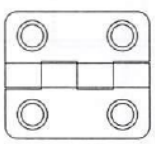
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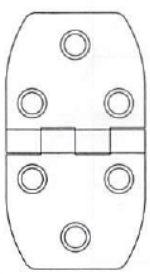
M0995
special order only



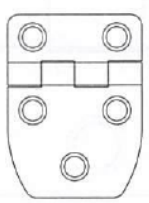
M0996
.035" thick with a Ø.091 pin



M0997



M0998



M0999

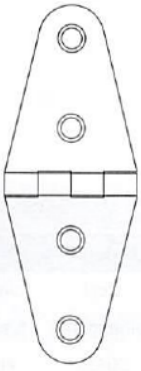
Part Number	Length	Open Width	Number of Holes	Holes Size
M0627	1.08	1.17	2	#8
M0827	1.13	3.60	2	#7
M0990	2.00	1.50	4	#8
M0991	2.00	1.75	4	#8
M0992	2.00	2.00	4	#8
M0993	3.00	2.00	6	#8
M0994	3.00	3.00	6	#10
M0995	2.50	2.76	5	#8
M0996	1.50	1.25	4	#5
M0997	1.50	1.31	4	#8
M0998	1.50	2.75	6	#8
M0999	1.50	2.03	5	#8
M1000	1.50	4.00	4	#8
M1001	1.50	6.00	6	#8
M1002	2.00	2.50	4	#8
M1003	2.00	2.75	4	#8
M1004	1.50	2.65	4	#8
M1005	1.50	2.03	5	#8
M1008	1.50	1.31	4	#8
M1009	1.50	1.31	4	#8
M1010	2.13	4.24	5	#8
M1012	1.06	4.00	4	#8
M1067	2.00	3.00	4	#9
M7203	3.44	1.19	4	#8

- tough, durable, rugged T302/304SS leaves and pin
- deep countersunk holes for heavy duty fastening strength
- electropolished to a high luster and passivated for superior corrosion resistance.
- all hinges shown on these pages are .060" thick, with Ø.120" pin, except where otherwise indicated

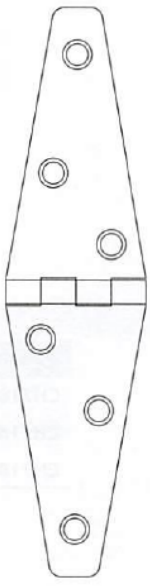
Stainless Steel Marine Specialty Hinges

continued from previous page
▸ see previous page for hinge details

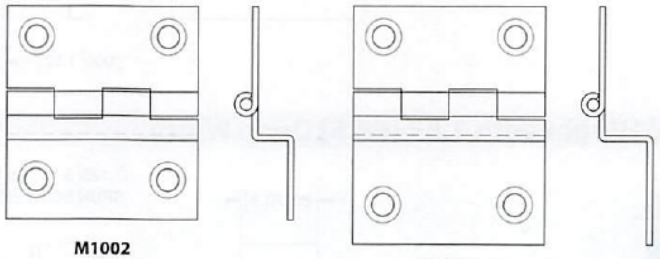
SCALE 1:2



M1000

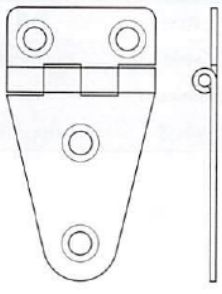


M1001

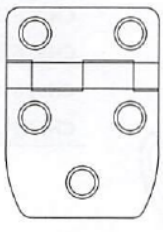


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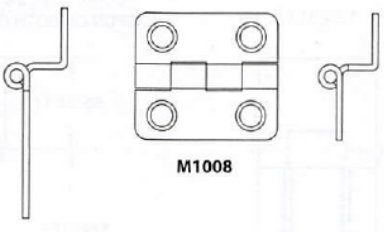
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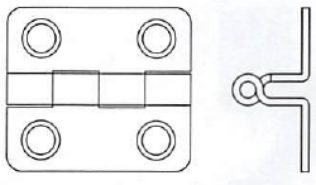
M1004



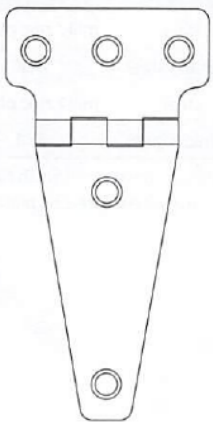
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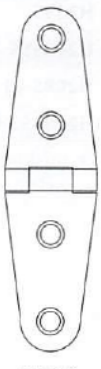
M1008



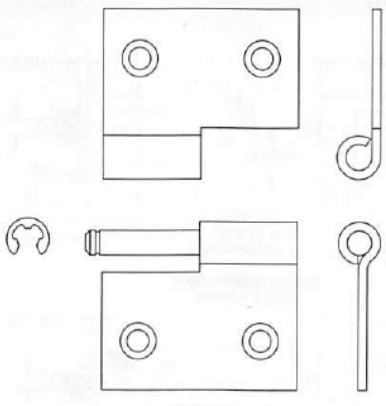
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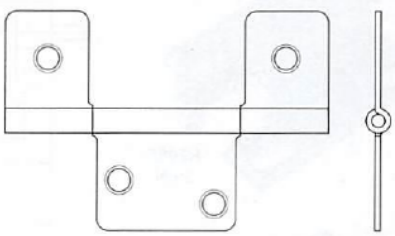
M1010



M1012



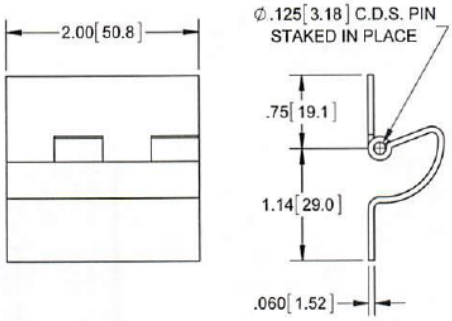
M1067
.090" thick with a Ø.250 pin



M7203
special order only

Concealed Hinge with 1.89 [48.0] Open Width

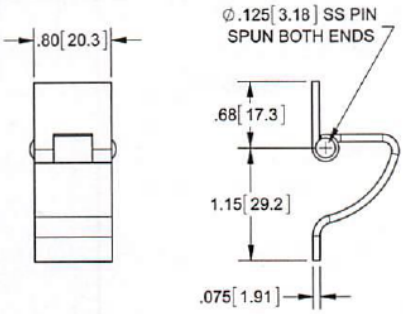




Part Number	Material	Finish
CH61820	steel	mill

Concealed Hinges with 1.83 [46.5] Open Width

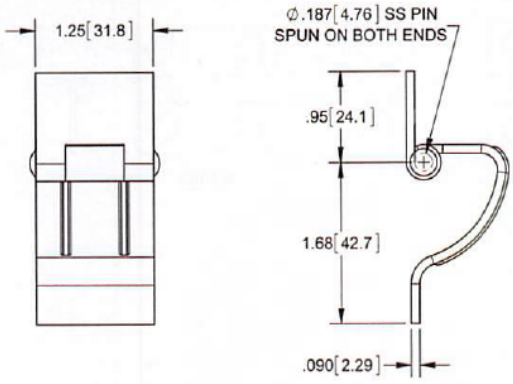




Part Number	Material	Finish
CH71808	steel	tumbled deburred
CH71808A	aluminum	tumbled deburred
CH71808SS	304SS	electropolished

Concealed Hinges with 1.63 [41.4] Open Width



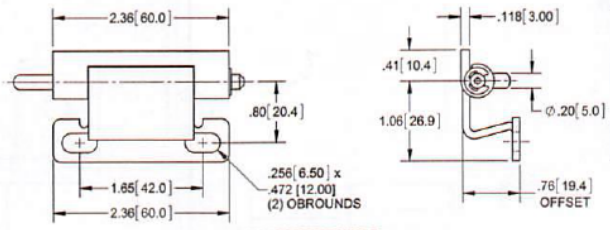


Part Number	Material	Finish
CH92612	steel	mill
CH92612ZN	steel	zinc plated
CH92612A	aluminum	mill
CH92612SS	304SS	electropolished

Concealed Hinges with Removable Pin



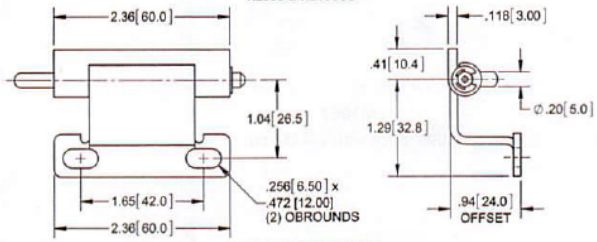
H2085
Steel



.79 [20.0] OFFSET HINGE
H2085 & H2085SS



H2085SS-01
stainless steel



.94 [24.0] OFFSET HINGE
H2085-01 & H2085SS-01

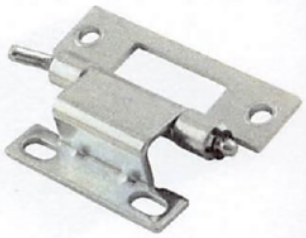
Part Number	Material	Finish
H2085	steel	mill / zinc plated
H2085SS	stainless steel	mill
H2085-01	steel	mill / zinc plated
H2085SS-01	stainless steel	mill

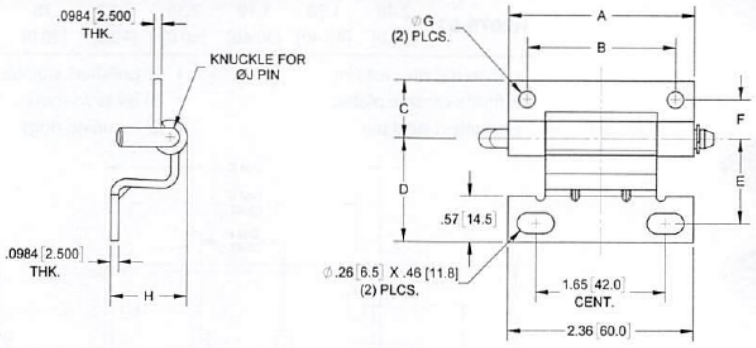
- small leaf of steel hinges have a mill finish for welding; all other components are zinc plated

Concealed Hinges with Removable Pin

Part No.	Dim A	Dim B	Dim C	Dim D	Dim E	Dim F	Dim G	Dim H	Dim J
H2283	3.15 [80.0]	2.598 [66.00]	1.04 [26.5]	1.14 [29.0]	.860 [21.84]	.61 [15.5]	coined holes Ø .260 [6.60]	.75 [19.0]	Ø .197 [5.00]
H2283-01	2.36 [60.0]	1.890 [48.00]	.72 [18.5]	1.29 [32.8]	1.05 [26.8]	.49 [12.5]	regular holes Ø.208 [5.30]	.95 [24.2]	Ø .236 [6.00]

- material: steel
- finish: zinc plated

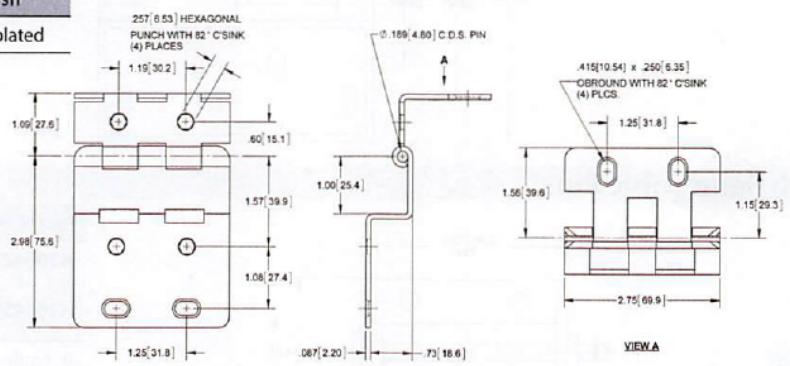


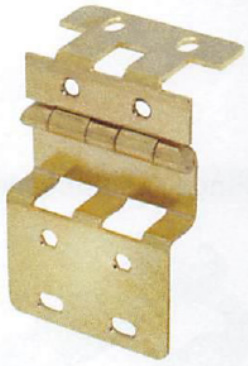


Institutional Hinge

Part Number	Material	Finish
J2083	steel	brass plated

- hospital tips

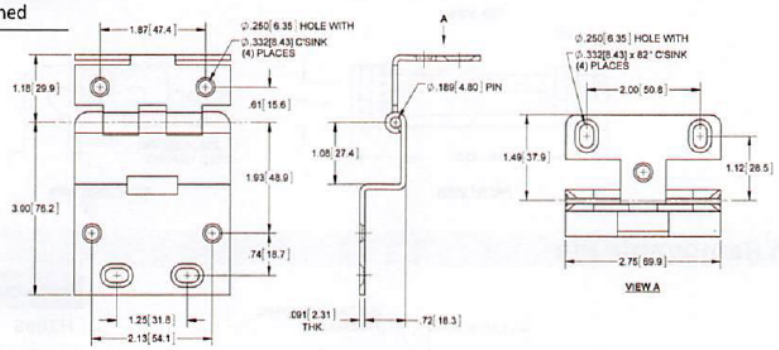




Institutional Hinge

Part Number	Material	Finish
H2018SS	304SS	brushed

- hospital tips

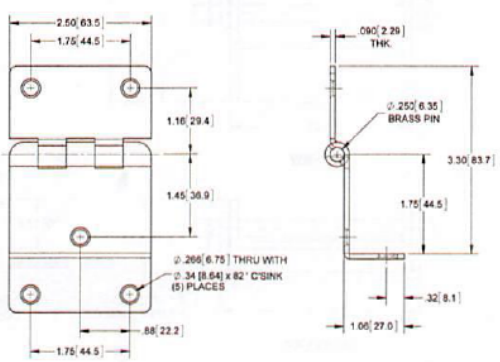




Institutional Hinge

Part Number	Material	Finish
J2093	steel	brass plated

- hospital tips
- brass pin





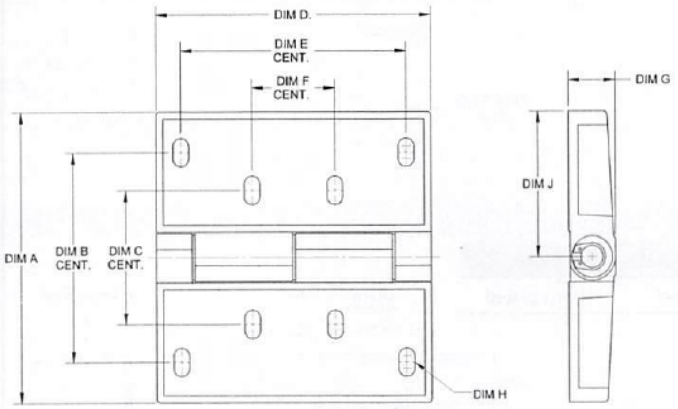
Cast Enclosure Hinges with Fastener Covers



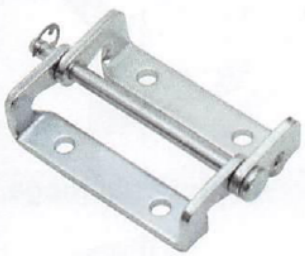


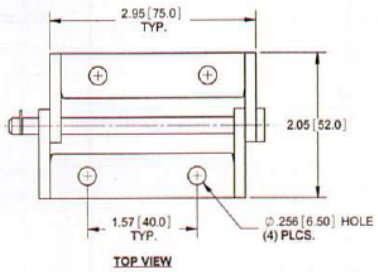
Part No.	Dim A	Dim B	Dim C	Dim D	Dim E	Dim F	Dim G	Dim H	Dim J
H2076	4.09 [104.0]	2.95 [75.0]	1.89 [48.0]	3.94 [100.0]	3.23 [82.0]	1.18 [30.0]	.67 [17.0]	Ø.224 [5.70] x .40 [10.2]	2.05 [52.0]
H2076-01	3.39 [86.0]	2.44 [62.0]	1.65 [42.0]	3.15 [80.0]	2.16 [55.0]	.98 [25.0]	.57 [14.5]	Ø.205 [5.20] x .31 [8.0]	1.69 [43.0]
H2076-02	2.48 [63.0]	1.78 [45.40]	1.19 [30.40]	2.36 [60.0]	1.57 [40.0]	.78 [20.0]	.45 [11.5]	Ø.165 [4.20] x .22 [5.5]	1.24 [31.5]

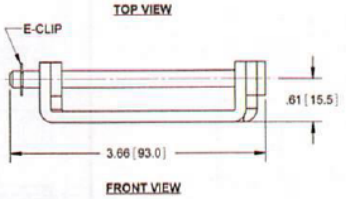
- material: die cast zinc
- finish: chrome plated
- stainless steel pin
- (2) polished, stainless steel covers
- (3) brass washers
- (2) retaining rings

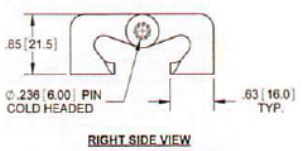


Hinge Assembly with Removable Pin





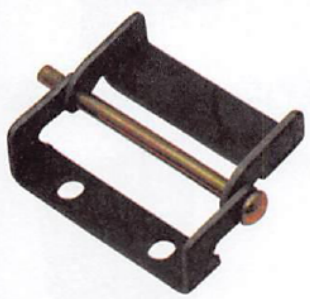


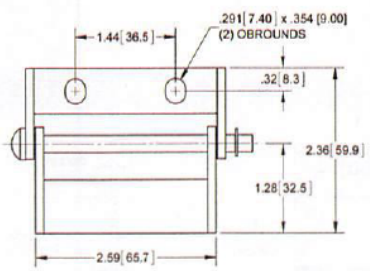


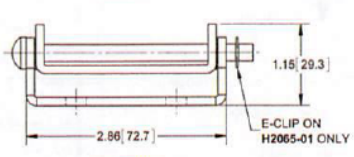
Part Number	Material	Finish
H2064ZN	steel	zinc plated
H2064SS	300 series stainless steel	passivated

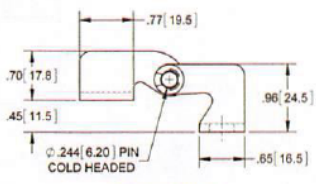
- hinge may be unassembled by removing e-clip and releasing the pin

Hinge Assembly with Removable Pin









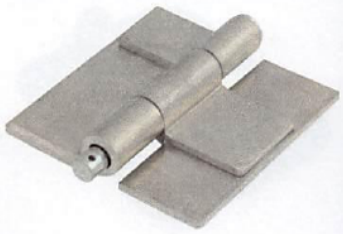
Part Number	E-clip	Material	Finish
H2065	no	steel	mill
H2065-01	yes	steel	mill

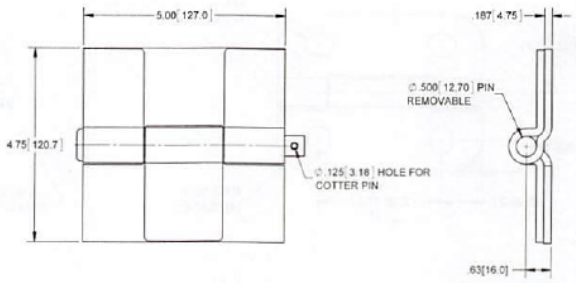
- pin is zinc plated with yellow chromate
- part no. **H2065-01** can be unassembled by removing e-clip and releasing the pin

Hinge Assembly with Removable Pin

Part Number	Material	Holes	Finish	Cotter Pin
H1008	aluminum	no	mill	not included
H100802	aluminum	no	mill	included

- hinge has a removable steel, zinc plated pin



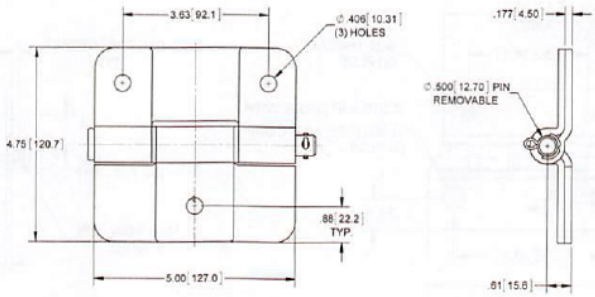


Hinge Assembly with Removable Pin

Part Number	Material	Holes	Finish	Cotter Pin
H1009	aluminum	yes	mill	included

- hinge has a removable steel, zinc plated pin
- includes stainless steel bushings & cotter pin

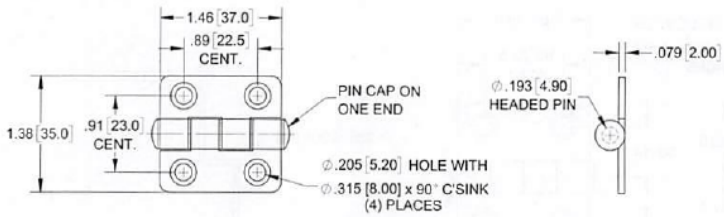




Stainless Steel Butt Hinge

Part No.	Material	Finish
H2285SS	304SS	brushed





Stainless Steel Butt Hinges

Part No.	Dim A	Dim B
H2271SS-01	1.378 [35.00]	1.00 [25.4]
H2271SS-02	1.870 [47.50]	1.43 [36.2]

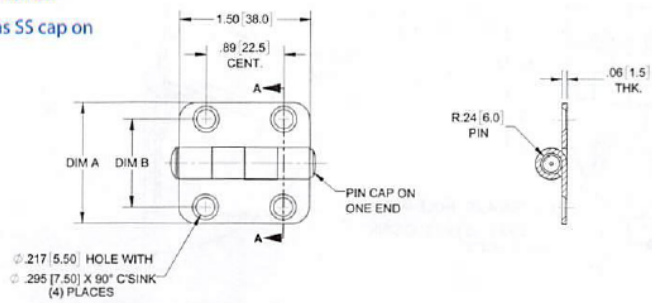
- material: 304SS
- finish: brushed
- pin is cold-headed on one end and has SS cap on the other



part no. **H2271SS-01**

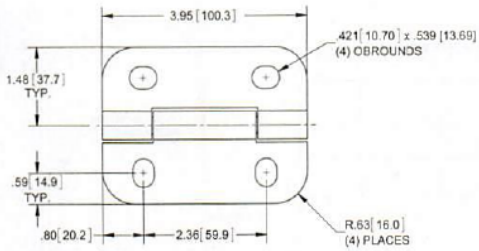


part no. **H2271SS-02**



Black Stainless Steel Butt Hinge



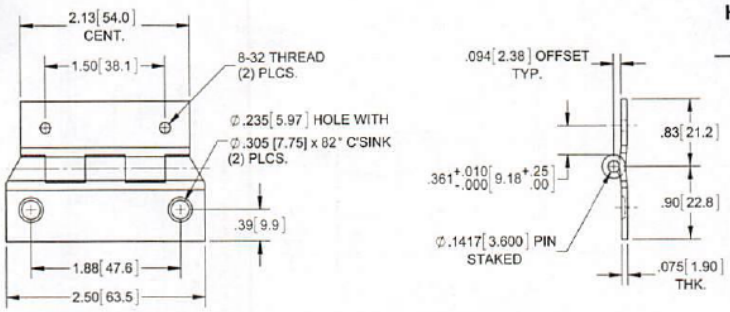


Part Number	Material	Finish
12SS30401BK	304SS	black powder

- obrounds on top leaf have a horizontal orientation and bottom obrounds have a vertical orientation

Stamped Butt Hinges

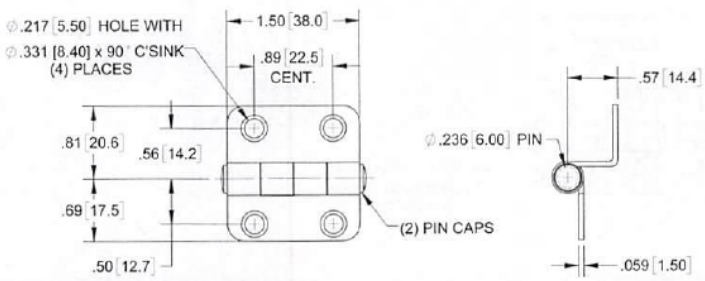




Part Number	Material	Finish
H2099NP	steel	nickel plated
H2099SS	304SS	satin
H2099BK	steel	zinc plated then black powder coated

Butt Hinge with Reverse Assembled Formed Leaf

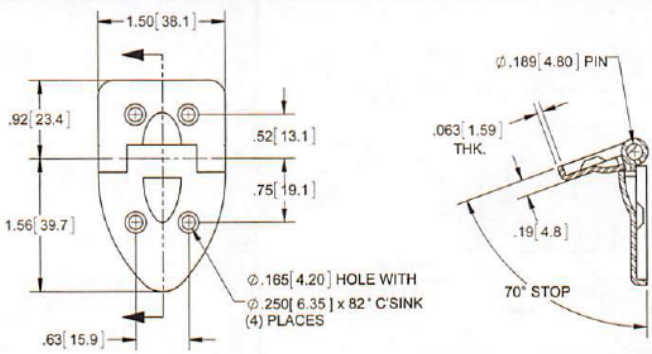




Part No.	Material	Finish
H2266SS	304SS	brushed

Stamped Butt Hinge

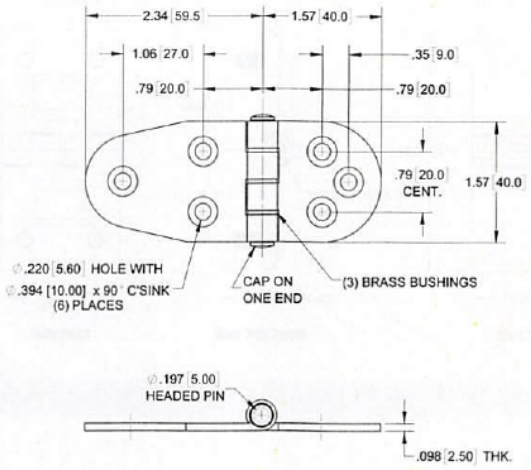


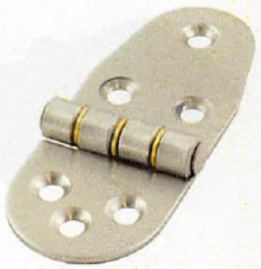


Part No.	Leaf Material	Pin Material
H2005	steel	nickel plated

Stainless Steel Butt Hinge

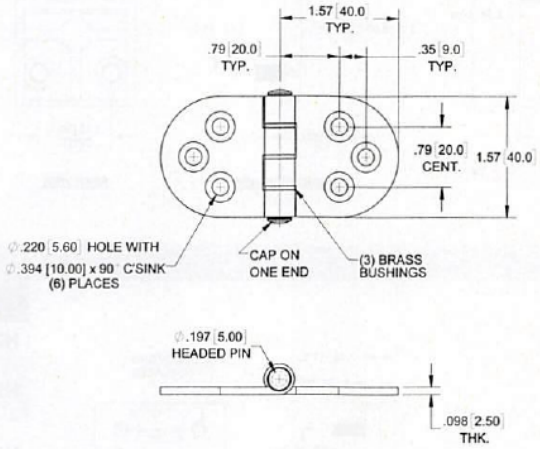
Part No.	Material	Finish
H2241SS-01	304SS	brushed

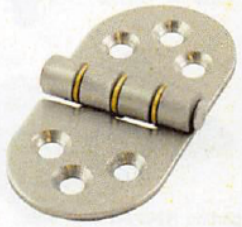




Stainless Steel Butt Hinge

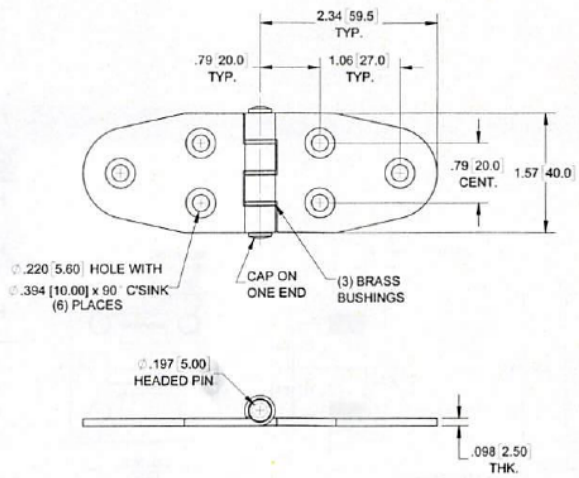
Part No.	Material	Finish
H2241SS-02	304SS	brushed

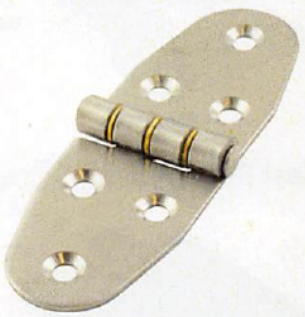




Stainless Steel Butt Hinge

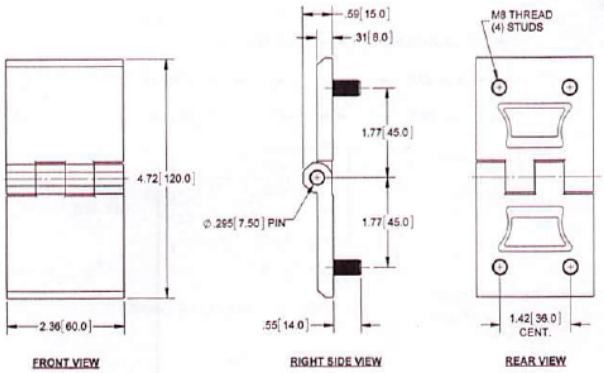
Part No.	Material	Finish
H2241SS-03	304SS	brushed





Die Cast Zinc Butt Hinge





Part Number	Material	Finish
H2082	die cast zinc	black powder coated

- stainless steel passivated M8 studs
- stainless steel, passivated pin

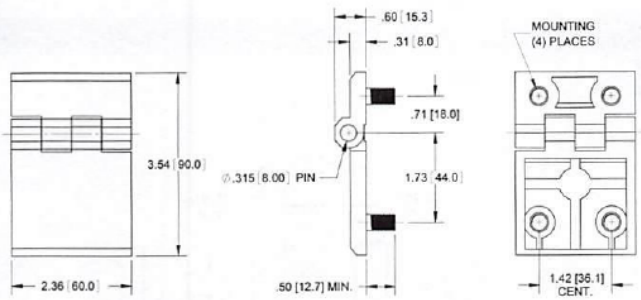
Die Cast Zinc Butt Hinges



part no. **H2072**



part no. **H2072-01**



Part Number	Mounting
H2072	M8 threaded studs
H2072-01	Ø8.40mm hole with Ø16.50mm x 90° c'sink

- material: die cast zinc
- finish: black powder coated
- steel, nickel plated pin & threaded studs

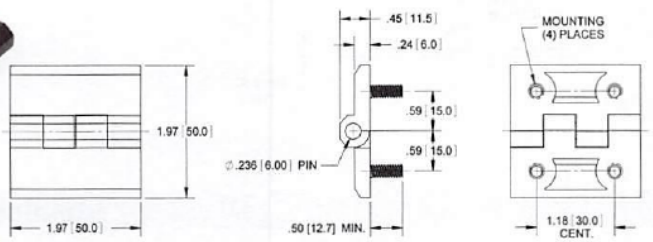
Cast Butt Hinges



part no. **H2073**



part no. **H2073SS-03**

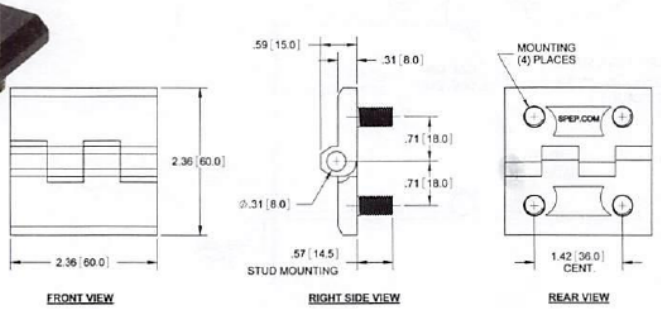


Part Number	Mounting	Finish
H2073	M6 threaded studs	black powder coated
H2073-03	Ø6.30mm hole with Ø12.50mm x 90° c'sink	
H2073SS-03*	Ø6.30mm hole with Ø12.50mm x 90° c'sink	brushed

- material: die cast zinc
- steel, nickel plated pin & threaded studs
- * **H2073SS-03** 304SS leaves & pin with brushed finish

Cast Butt Hinges





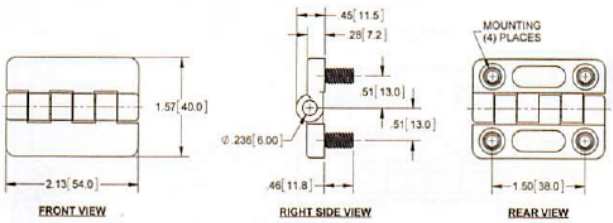
Part Number	Mounting	Finish
H2073-01	M8 threaded studs	black powder coated
H2073-04	Ø8.40mm hole with Ø16.50mm x 90° c'sink	
H2073SS-04*	Ø8.40mm hole with Ø16.50mm x 90° c'sink	brushed

- material: die cast zinc
- steel, nickel plated pin & threaded studs
- * **H2073SS-04** 304SS leaves & pin with brushed finish

Die Cast Zinc Butt Hinge

Part Number	Mounting	Finish
H2073-02	1/4-20 threaded studs	black powder coated

- material: die cast zinc
- steel, nickel plated threaded studs
- steel, nickel plated pin





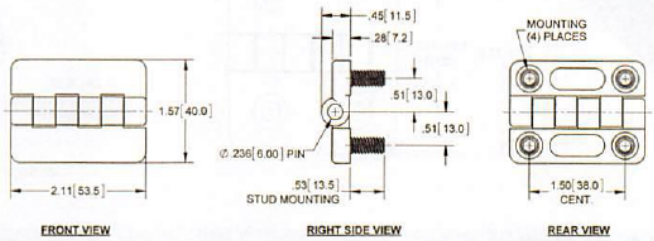
Die Cast Zinc Butt Hinges

Part Number	Mounting	Finish
H2081	M6 threaded studs	black powder coated
H2081CH*		bright chrome plated
H2081SC*		satin chrome
H2081-02	Ø6.30mm hole with Ø11.20mm x 90° c'sink	black powder coated
H2081CH-02		chrome plated
H2081SC-02		satin chrome

- material: die cast zinc
- stainless steel threaded studs
- stainless steel pin
- * **H2081CH** & **H2081SC** have .47 [12.0] long studs



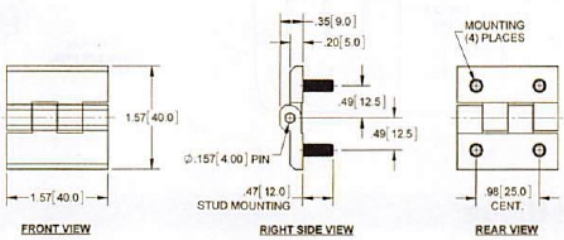




Cast Butt Hinges

Part Number	Mounting	Finish
H2080	M5 threaded studs	black powder coated
H2080-02	Ø5.30mm hole with Ø9.30mm x 90° c'sink	black powder coated
H2080SS-02*	Ø5.30mm hole with Ø9.30mm x 90° c'sink	brushed

- material: die cast zinc
- ***H2080SS-02** comes in stainless steel
- stainless steel threaded studs
- stainless steel pin





part no. **H2080**

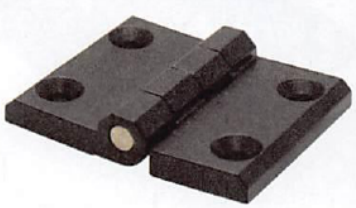


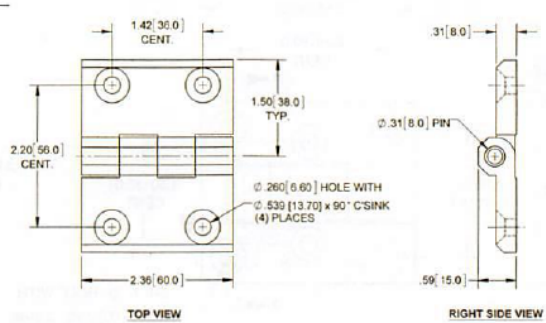
part no. **H2080SS-02**

Die Cast Zinc Butt Hinge

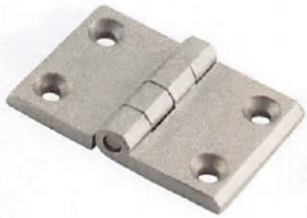
Part Number	Material	Finish
H2078	die cast zinc	black powder coated

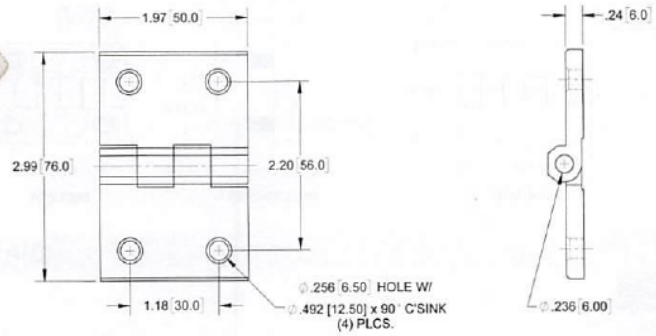
- stainless steel, passivated pin





Cast Butt Hinges

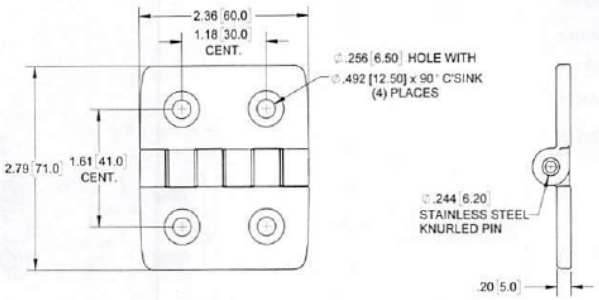




Part No.	Material	Finish
H2095	die cast zinc	black powder coated
H2095SS	cast 304SS	brushed

Cast Stainless Steel Butt Hinge

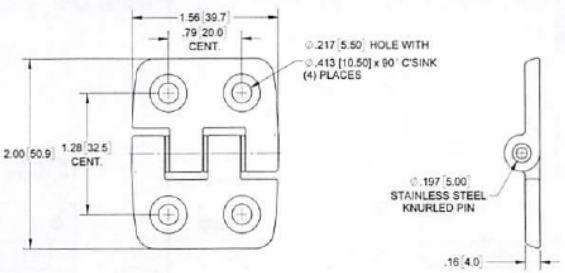




Part No.	Material	Finish
H2259SS	cast 304 SS	brushed

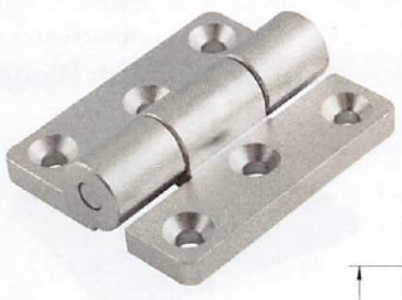
Cast Stainless Steel Butt Hinge

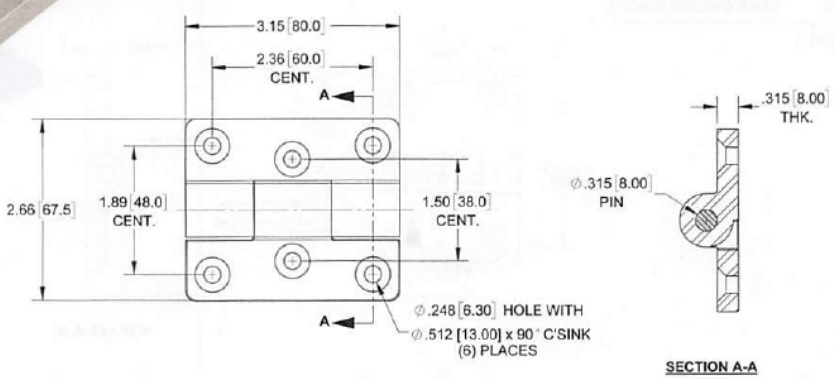




Part No.	Material	Finish
H2259SS-01	cast 304SS	brushed

Cast Stainless Steel Butt Hinge



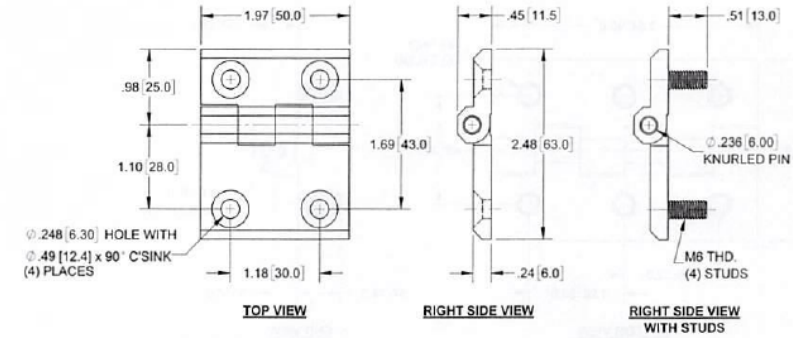


Part No.	Material	Finish
H2281SS	cast 304SS	electropolished

Die Cast Zinc Butt Hinges

Part No.	Material	Finish
H2279BK	die cast zinc	black powder coated
H2279BK-01	die cast zinc	black powder coated

- steel, nickel plated pin & studs





part no.
H2279BK



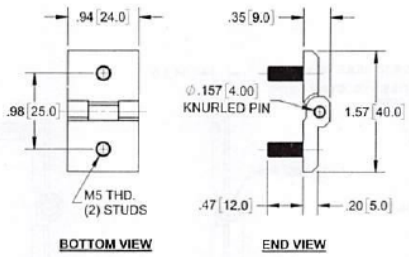
part no.
H2279BK-01

Die Cast Zinc Butt Hinge

Part No.	Material	Finish
H2256BK	die cast zinc	black powder coated

- steel, nickel plated pin
- stainless steel studs





Die Cast Zinc Butt Hinges

Part No.	Mounting
H2257BK	Ø6.30mm hole with Ø12.50mm x 90° c'sink
H2257BK-01	M6 threaded studs

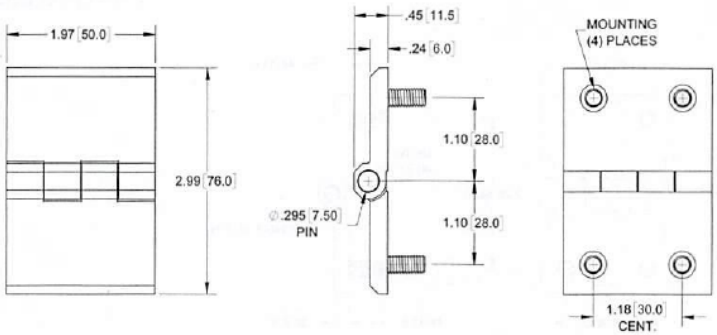
- material: die cast zinc
- finish: black powder coated
- steel, nickel plated studs



part no.
H2257BK-01



part no.
H2257BK

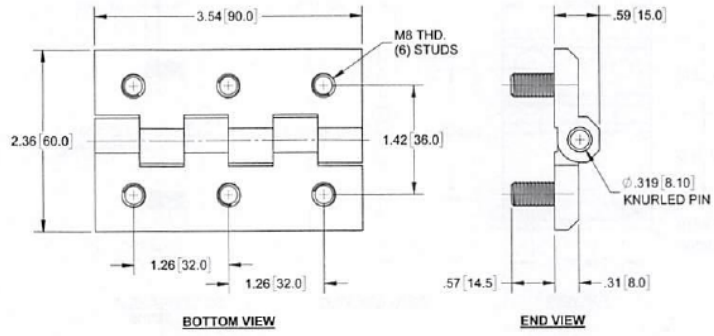


Die Cast Zinc Butt Hinge



Part No.	Material	Finish
H2280BK	die cast zinc	black powder coated

- steel, nickel plated pin & studs

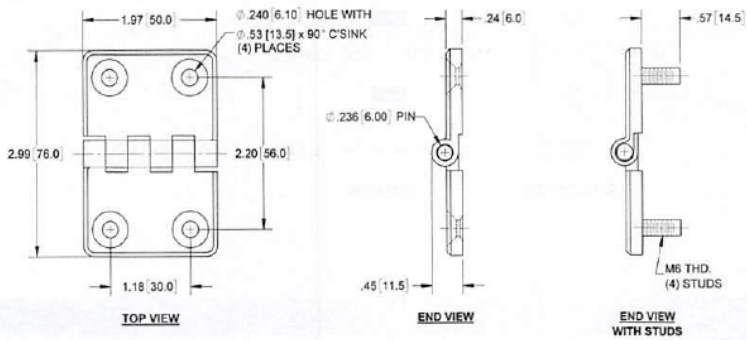


Die Cast Zinc Butt Hinges



Part No.	Mounting	Finish
H2282BK	M6 threaded studs	black powder coated
H2282BK-01	Ø6.10mm hole with Ø13.50mm x 90° c'sink	black powder coated

- material: die cast zinc
- steel, nickel plated pin & studs

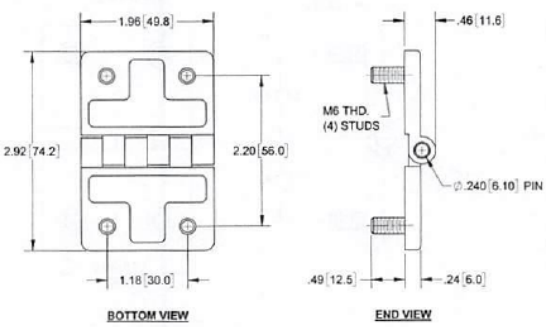


Die Cast Zinc Butt Hinge



Part No.	Material	Finish
H2275BK	die cast zinc	black powder coated

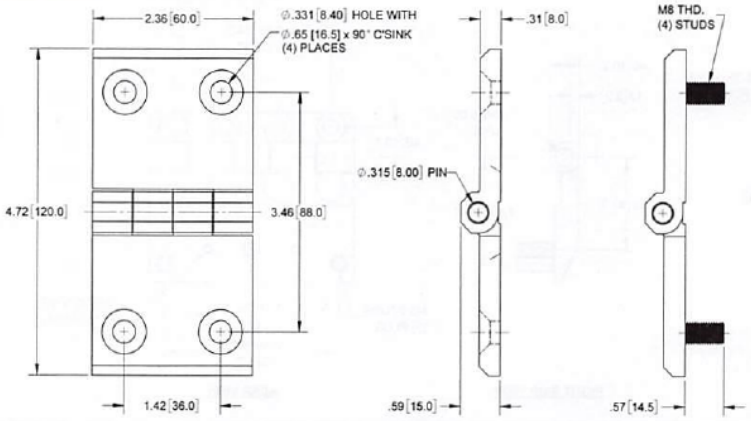
- steel, nickel plated pin
- steel, black powder coated studs



Die Cast Zinc Butt Hinges

Part No.	Mounting
H2269BK	Ø8.40mm hole with Ø16.50mm x 90° c'sink
H2269BK-01	M8 threaded studs

- steel, nickel plated pin
- steel, nickel plated studs





part no.
H2269BK

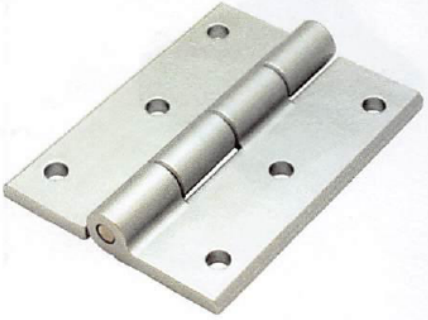


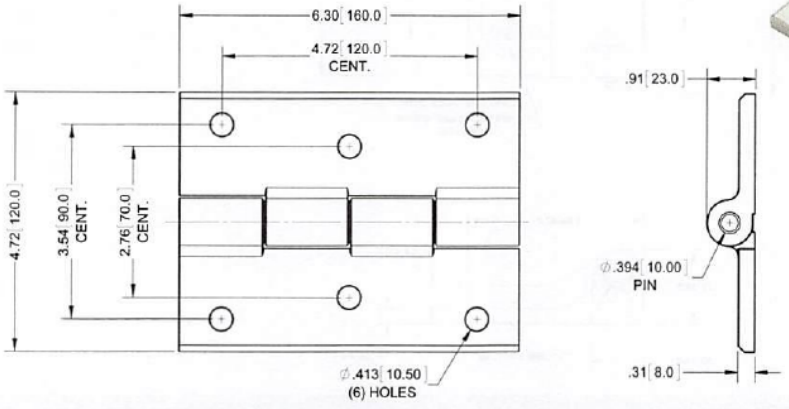
part no.
H2269BK-01

Heavy Duty Butt Hinges

Part Number	Material	Finish
H2219BK	cast steel	black painted
H2219G	cast steel	gray painted

- stainless steel pin



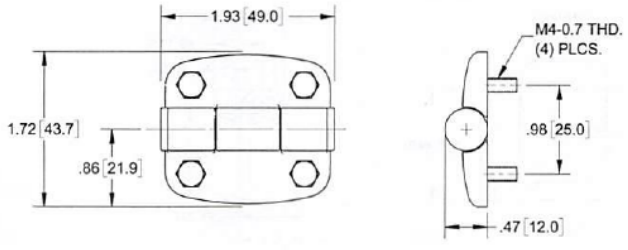


Die Cast Zinc Hinge with Screw Covers

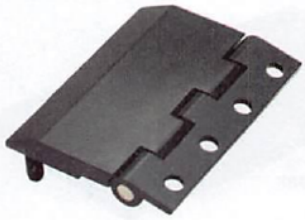
Part No.	Material	Finish
H2233	die cast zinc	matte black, lightly textured

- covers material: nylon
- steel, nickel plated pin
- includes (4) steel screws



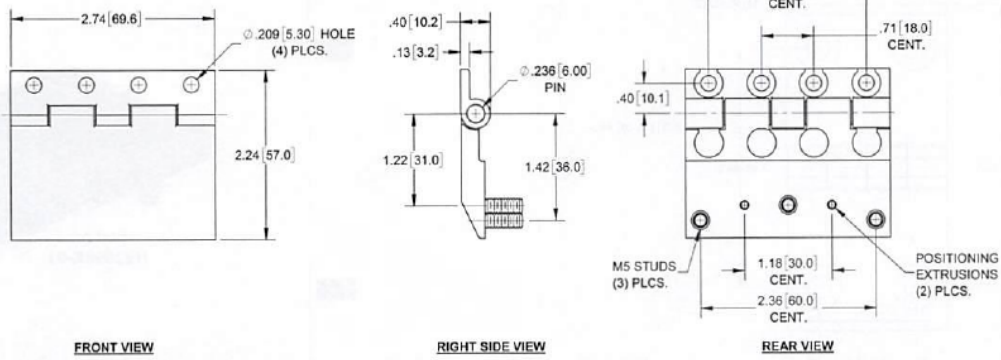


Enclosure Hinge



Part Number	Material	Finish
H2216	die cast zinc	smooth black powder coated

- pin: steel, nickel plated
- studs: stainless steel, black powder coated
- brass bushings



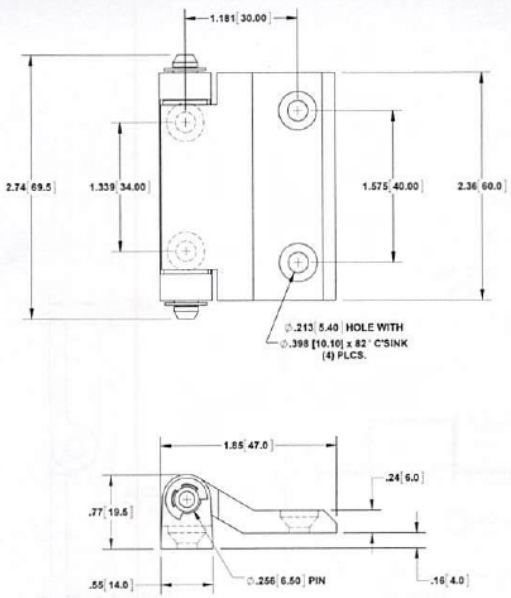
FRONT VIEW | RIGHT SIDE VIEW | REAR VIEW

Cast Hinge with Offset Leaves



Part No.	Material	Finish
H2079	die cast zinc	black textured

- stainless steel pin

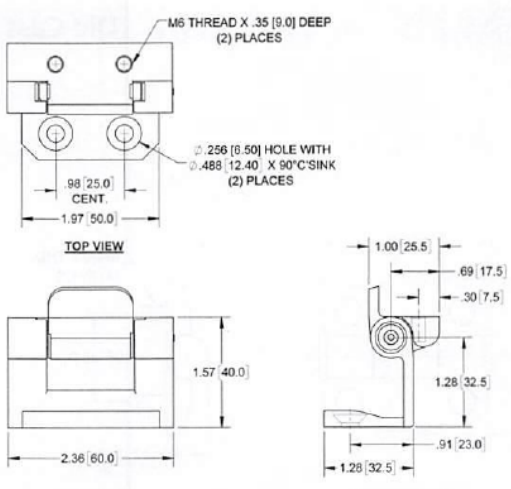


Die Cast Zinc Hinge



Part No.	Material	Finish
H2247BK	die cast zinc	matte black

- plastic pin

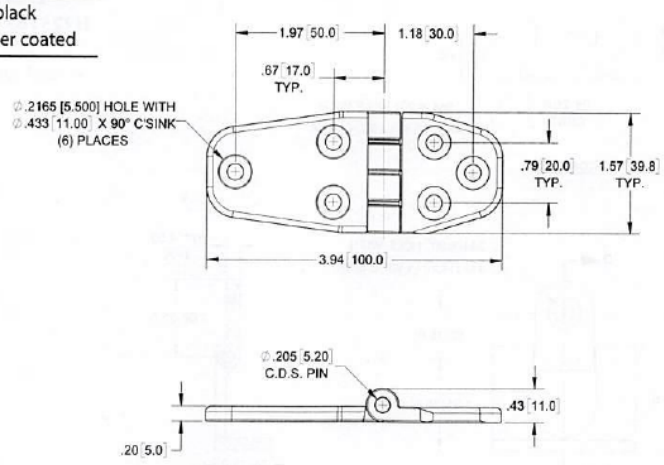


TOP VIEW | FRONT VIEW | RIGHT SIDE VIEW

Die Cast Zinc Butt Hinge

Part No.	Material	Finish
H2253BK-01	die cast zinc	black powder coated

- steel, nickel plated pin

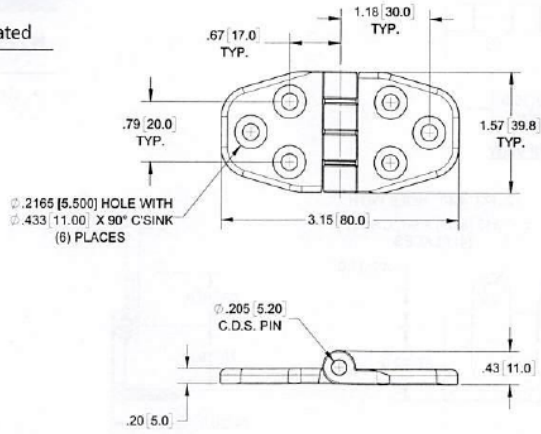




Die Cast Zinc Butt Hinge

Part No.	Material	Finish
H2253BK-02	die cast zinc	black powder coated

- steel, nickel plated pin

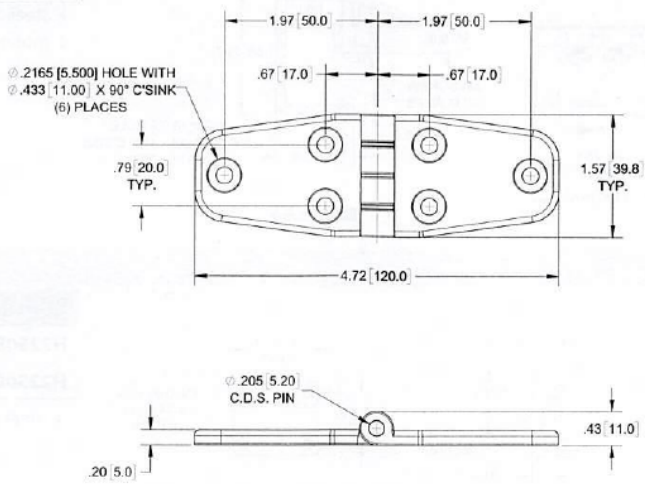




Die Cast Zinc Butt Hinge

Part No.	Material	Finish
H2253BK-03	die cast zinc	black powder coated

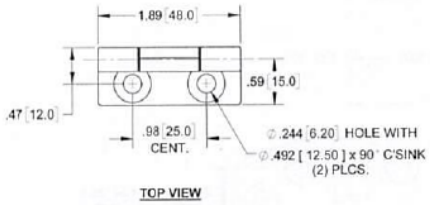
- steel, nickel plated pin



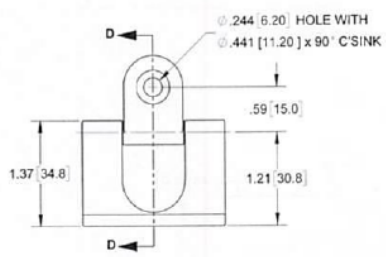


Die Cast Zinc Hinge

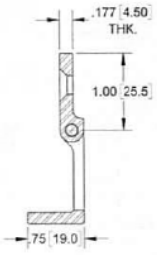




TOP VIEW



FRONT VIEW



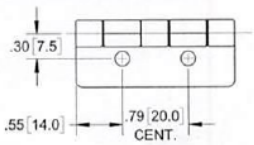
SECTION D-D

Part No.	Material	Finish
H2251BK	die cast zinc	black powder coated

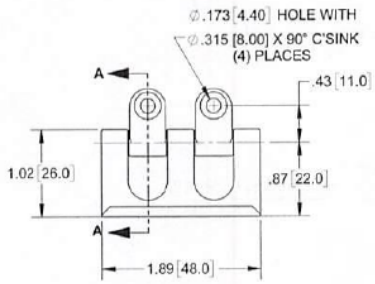
- steel, nickel plated pin

Die Cast Zinc Hinge

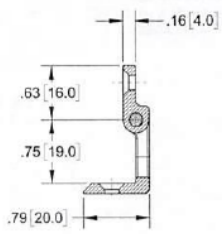




TOP VIEW



FRONT VIEW



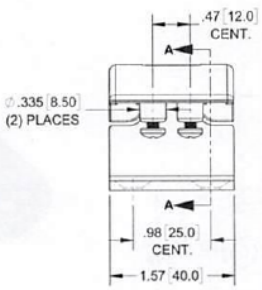
SECTION A-A

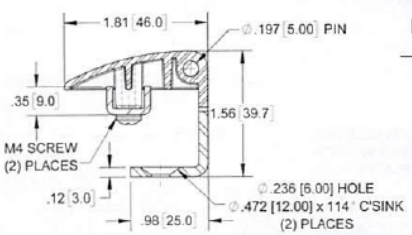
Part No.	Material	Finish
H2254CH	die cast zinc	textured chrome plated

- steel, nickel plated pin

Butt Hinge with One Formed Leaf







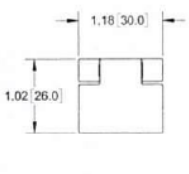
SECTION A-A

Part No.	Material	Finish
H2270BK	die cast zinc	black powder coated

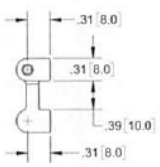
- steel, zinc plated pin, mounting bracket, and mounting screw

Die Cast Zinc Hinge

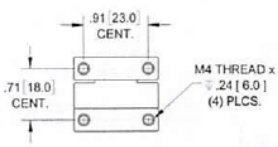




FRONT VIEW



RIGHT SIDE VIEW



REAR VIEW

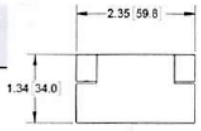
Part No.	Material	Finish
H2250BK	die cast zinc	black powder coated
H2250CH	die cast zinc	chrome plated

- steel, nickel plated pin

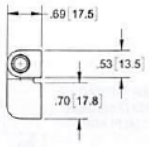
Die Cast Zinc Hinges

Part No.	Material	Finish
H2246BK-01	die cast zinc	black powder coated
H2246CH-01	die cast zinc	dull chrome plated

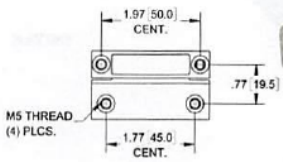
- pin & set screw: steel with nickel plated finish
- removable pin is kept in place by set screw



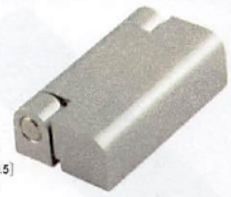
FRONT VIEW



RIGHT SIDE VIEW



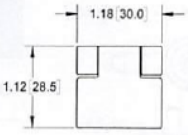
REAR VIEW



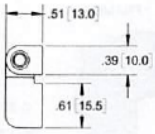
Die Cast Zinc Hinges

Part No.	Material	Finish
H2246BK-02	die cast zinc	black powder coated
H2246CH-02	die cast zinc	dull chrome plated

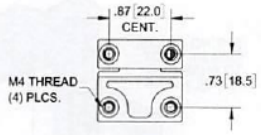
- steel, nickel plated pin



FRONT VIEW



RIGHT SIDE VIEW



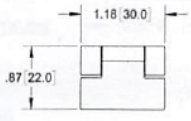
REAR VIEW



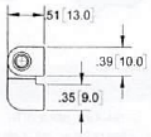
Die Cast Zinc Hinges

Part No.	Material	Finish
H2246BK-03	die cast zinc	black powder coated
H2246CH-03	die cast zinc	dull chrome plated

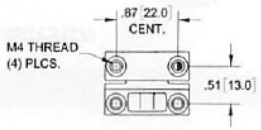
- steel, nickel plated pin



FRONT VIEW



RIGHT SIDE VIEW



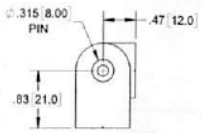
REAR VIEW



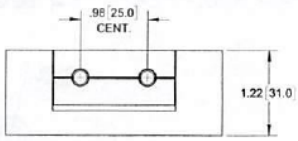
Aluminum Hinge Block

Part No.	Material	Finish
H2277BK	cast aluminum	black powder coated

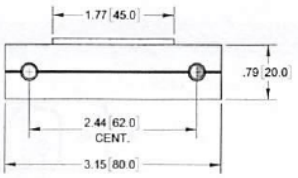
- steel, nickel plated pin



END VIEW



FRONT VIEW



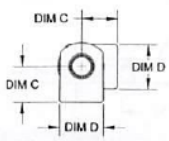
BOTTOM VIEW



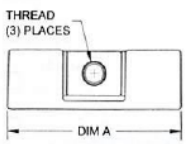
Die Cast Zinc Hinge Blocks

Part No.	Dim A	Dim B	Dim C	Dim D	Dim E	Thread
H2255BK-01	2.48 [63.0]	1.69 [43.0]	0.51 [13.0]	0.63 [16.0]	0.78 [19.8]	M8
H2255BK-02	1.77 [45.0]	1.26 [32.0]	0.46 [11.6]	0.55 [14.0]	0.59 [15.0]	M6

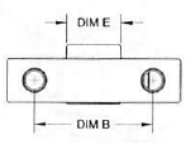
- material: die cast zinc
- finish: black powder coated
- steel, nickel plated pin



END VIEW



FRONT VIEW

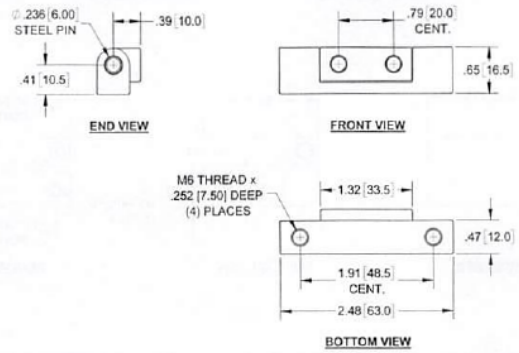


BOTTOM VIEW



Die Cast Zinc Hinge Block



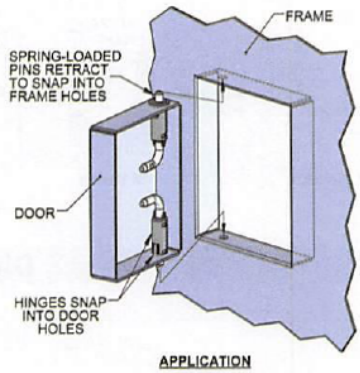


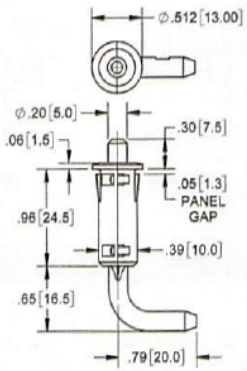
Part No.	Material	Finish
H2276BK	die cast zinc	black powder coated

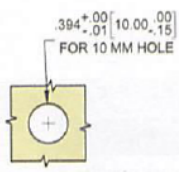
- steel pin with nickel plated finish

Concealed Hinge





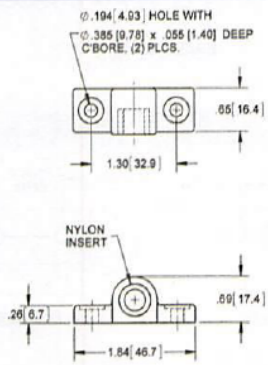




Part Number	Housing		Pin	
	Material	Finish	Material	Finish
D446	plastic	black	die cast zinc	zinc pated

Hinge Block



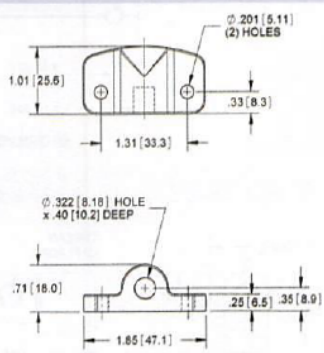


Part Number	Material	Finish
95SS	304SS	mill

- accepts a .313 [7.94] diameter rod

Plastic Hinge Block



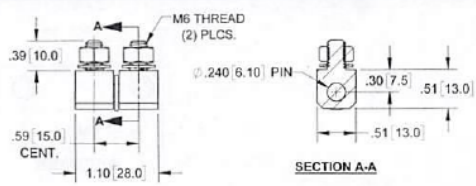


Part Number	Material	Finish
95P	plastic	natural

- accepts a .313 [7.94] diameter rod

Hinge Block

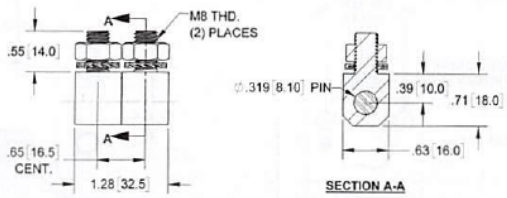




Part No.	Material	Finish
H2260	steel	zinc plated

Hinge Blocks

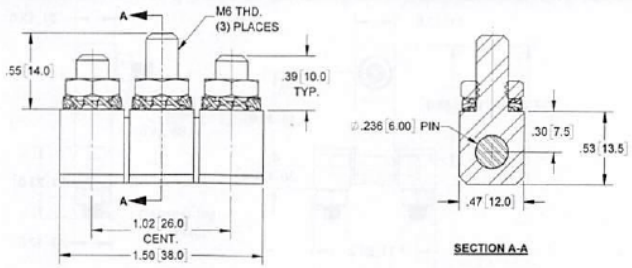
Part No.	Material	Finish
H2260-01	steel	zinc plated
H2260SS-01	304SS	mill





Hinge Block

Part No.	Material	Finish
H2003SS	304SS	brushed



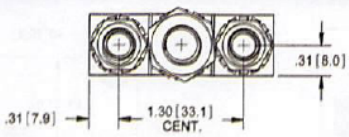


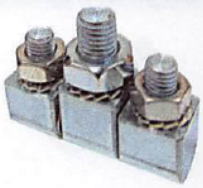
316SS

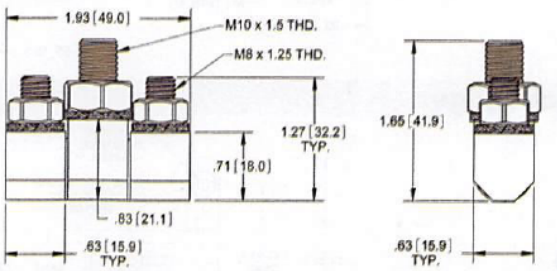
Hinge Block with Threaded Studs

Part Number	Material	Finish
H2004-01	steel	zinc plated
H2004-02*	316SS	electropolished

- * middle block is removable on part no. **H2004-02**

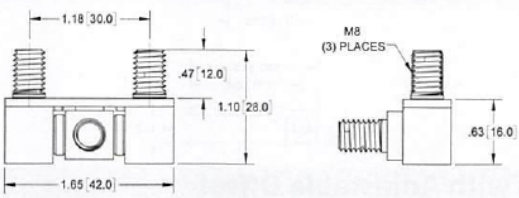






Steel Hinge Block

Part No.	Material	Finish
H2262	steel	chrome plated

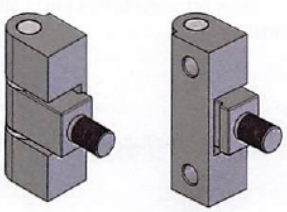


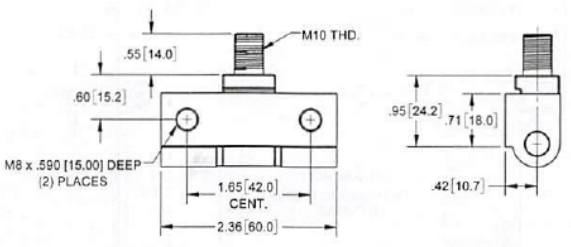


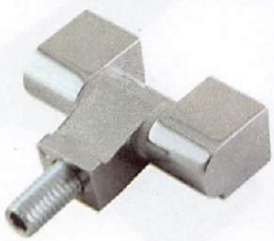
Hinge Block

Part No.	Description	Material
H2263CH-L	left hand	die cast zinc
H2263CH-R	right hand	die cast zinc

- finish: chrome plated
- steel,

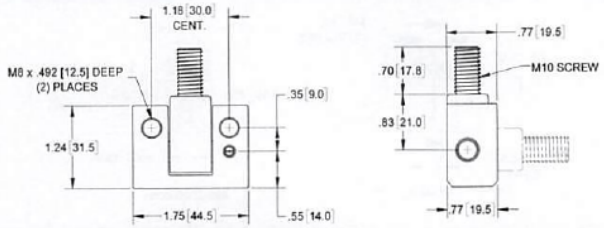






Hinge Block



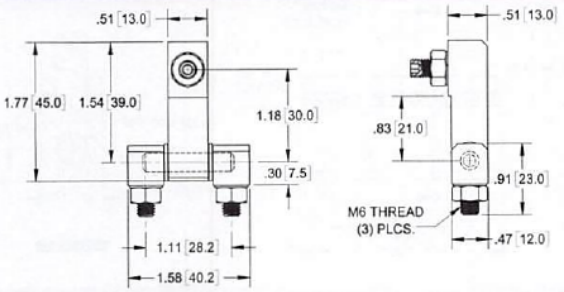


Part No.	Material	Finish
H2261CH	die cast zinc	chrome plated

- steel, nickel plated pin

Hinge Block

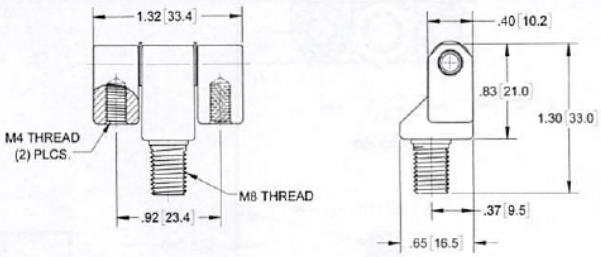




Part No.	Material	Finish
H2264	steel	zinc plated

Hinge Block



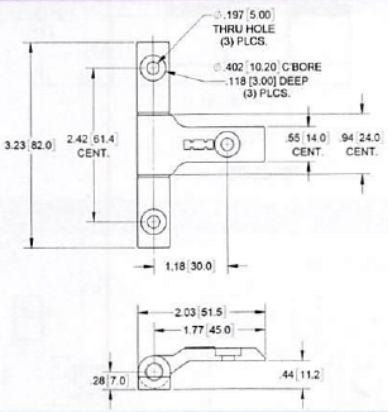


Part No.	Material	Finish
H2265BK	die cast zinc	black powder coated

- 180° rotation
- steel, nickel plated pin

Die Cast Zinc Strap Hinge



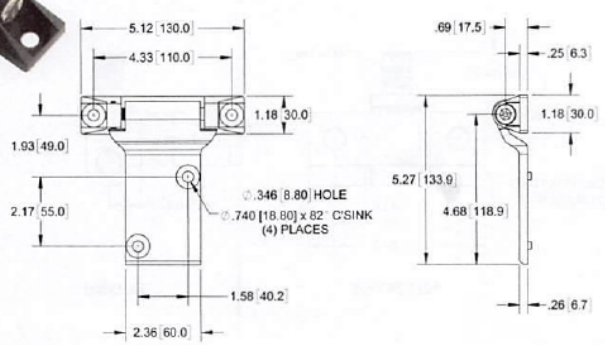


Part No.	Material	Finish
H2249BK	die cast zinc	black powder coated

- steel, nickel plated pin

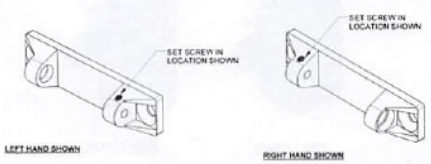
Die Cast Zinc Strap Hinges with Adjustable Offset





Part No.	Material	Description
H2258BK-LH	die cast zinc	left hand
NEW H2258BK-RH	die cast zinc	right hand

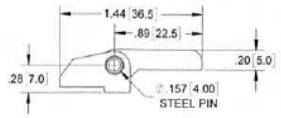
- finish: matte black
- stainless steel pin with passivated finish
- eccentric pin allows up/down & lateral in/out hinge adjustement
- includes set screw to lock pin in place after adjustment



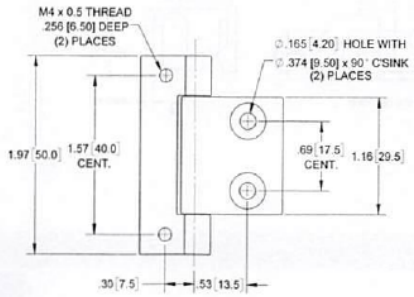
Die Cast Zinc Strap Hinge

Part No.	Material	Finish
H2248BK	die cast zinc	black powder coated

- steel, nickel plated pin



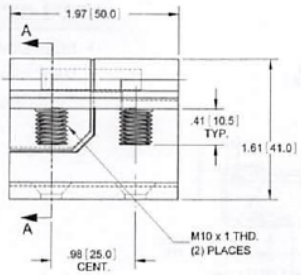




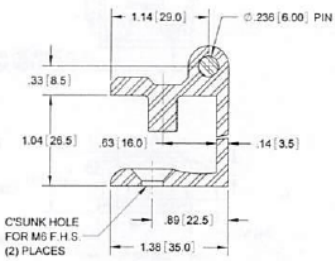
Cast Right Hand Lift-off Hinge with Threaded Studs

Part Number	Material	Finish
H2070RH	die cast zinc	black powder coated

- brass bushing
- steel, nickel plated pin



FRONT VIEW



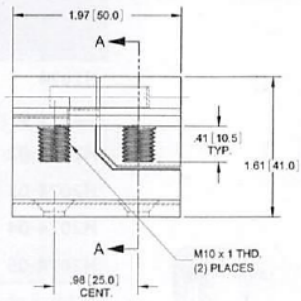
SECTION A-A



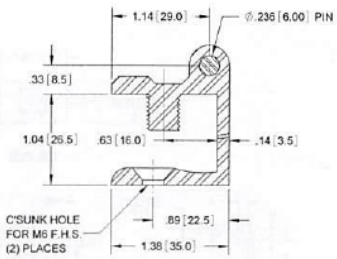
Cast Left Hand Lift-off Hinge with Threaded Studs

Part Number	Material	Finish
H2070LH	die cast zinc	black powder coated

- brass bushing
- steel, nickel plated pin



FRONT VIEW



SECTION A-A

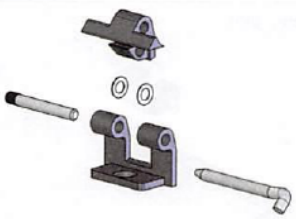


Cast Take-apart Enclosure Hinges

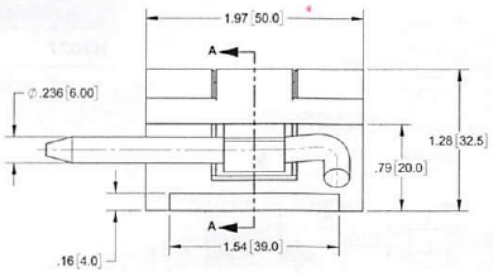
Part No.	Material	Door	Dim. A
H2089	die cast zinc	1.5-2mm thick	5mm
H2089-01	die cast zinc	2.5-3.2mm thick	6mm

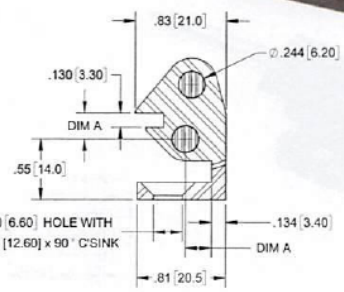
- finish: black powder coated leaves
- steel, zinc plated pin





EXPLODED VIEW

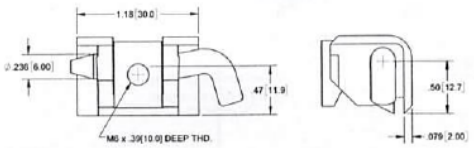




SECTION A-A

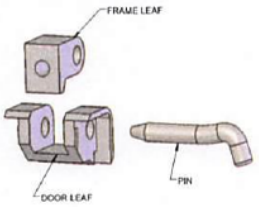
Enclosure Hinge





Part No.	Material	Finish	Door
H3537	die cast zinc	smooth black powder coated	1.5-2mm thick

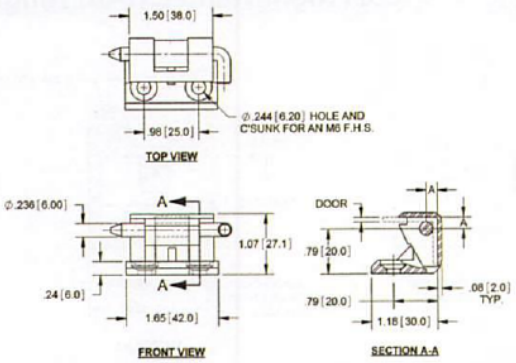
- components can be purchased separately



EXPLODED VIEW

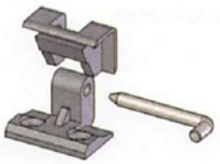
Cast Take-apart Enclosure Hinges





Part Number	Material	Door	Dim. A
H2071	die cast zinc	2mm thick	5.1mm
H2071-01*	die cast zinc	3mm thick	6.1mm

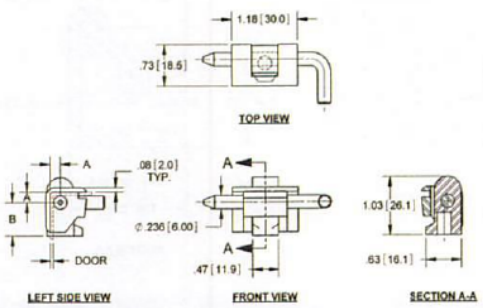
- black powder coated leaves
- steel, nickel plated pin
- * indicates non-stock items



EXPLODED VIEW

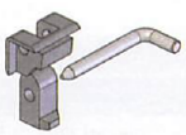
Cast Take-apart Enclosure Hinges





Part Number	Material	Door	Dim. A	Dim. B
H2074	die cast zinc	1.5mm thick	4.6mm	15mm
H2074-01	die cast zinc	2mm thick	5.1mm	15mm
H2074-02	die cast zinc	1.5mm thick	4.6mm	17mm
H2074-03	die cast zinc	2mm thick	5.1mm	17mm
H2074-04	die cast zinc	1.5mm thick	4.6mm	19mm
H2074-05	die cast zinc	2mm thick	5.1mm	19mm

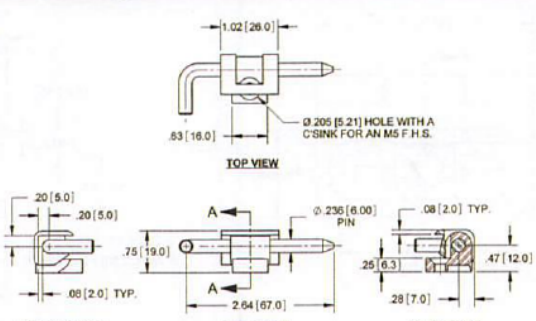
- black powder coated leaves
- steel, nickel plated pin



EXPLODED VIEW

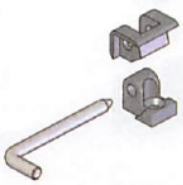
Cast Take-apart Enclosure Hinge





Part Number	Material	Finish
H2077	die cast zinc	black powder coated

- steel, nickel plated pins

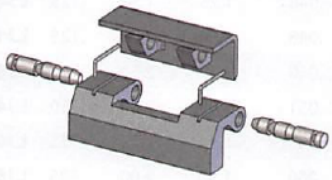


EXPLODED VIEW

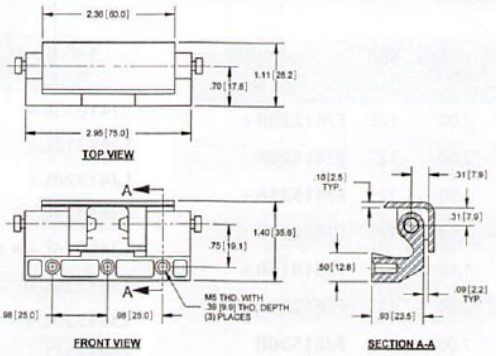
Cast Take-apart Enclosure Hinge

Part No.	Material	Finish
H2075	die cast zinc	black powder coated

- steel, zinc plated pins



EXPLODED VIEW

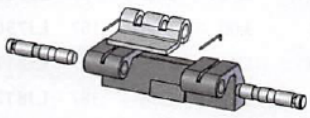




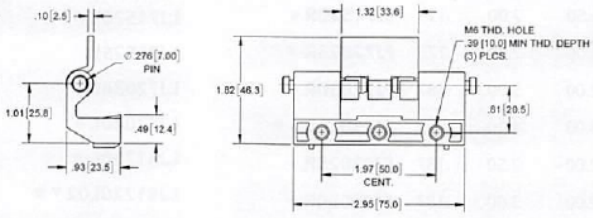
Take-apart Enclosure Hinge

Part Number	Base		Weld-on Leaf	
	Material	Finish	Material	Finish
H2086	die cast zinc	sand blasted	steel	zinc plated

- steel, zin



EXPLODED VIEW

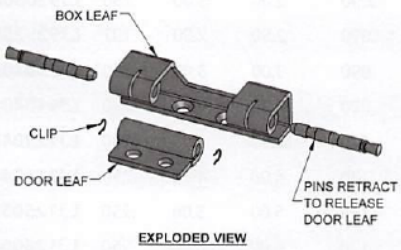




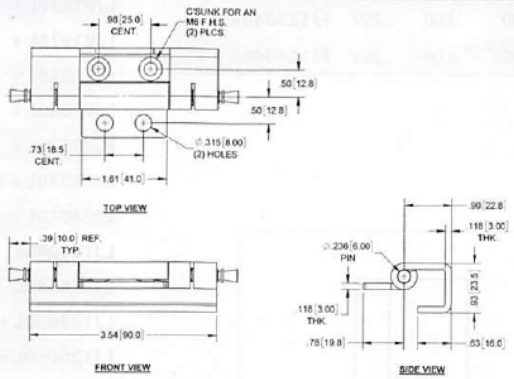
Enclosure Hinge

Part Number.	Material	Finish
H2267	steel	zinc plated

- steel clips and pins



EXPLODED VIEW

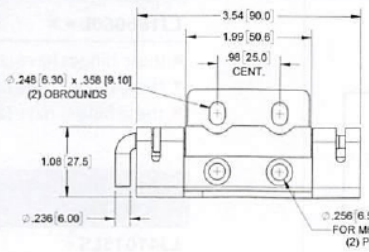


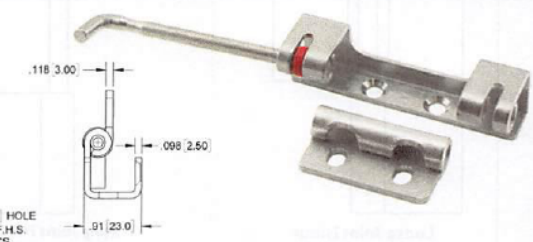


Heavy Duty Hinges with Quick Release Pin

Part Number	Material	Finish
J2188	steel	zinc plated
J2188SS	304SS	passivated

- includes: box leaf, lid leaf, pin, capture ring

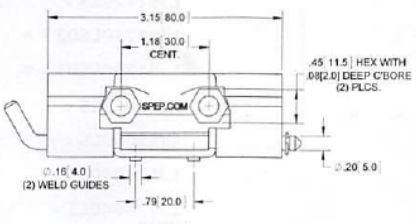


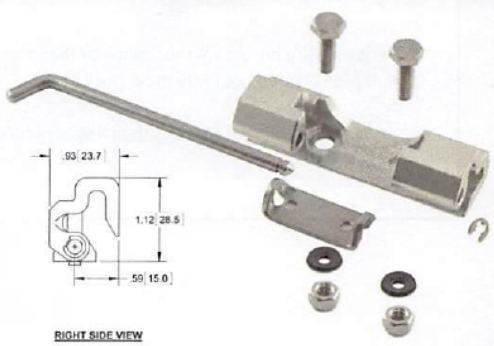


Enclosure Hinge Kits with Cast Box Leaves

Part Number	Box Leaf Material	Finish
J2130	die cast zinc	clear zinc
J2130SS	304SS	passivated

- includes: box leaf, lid leaf, pin, c-clip, (2) 1/4-20 screws, (2) sealing washers, (2) 1/4-20 nylon nuts

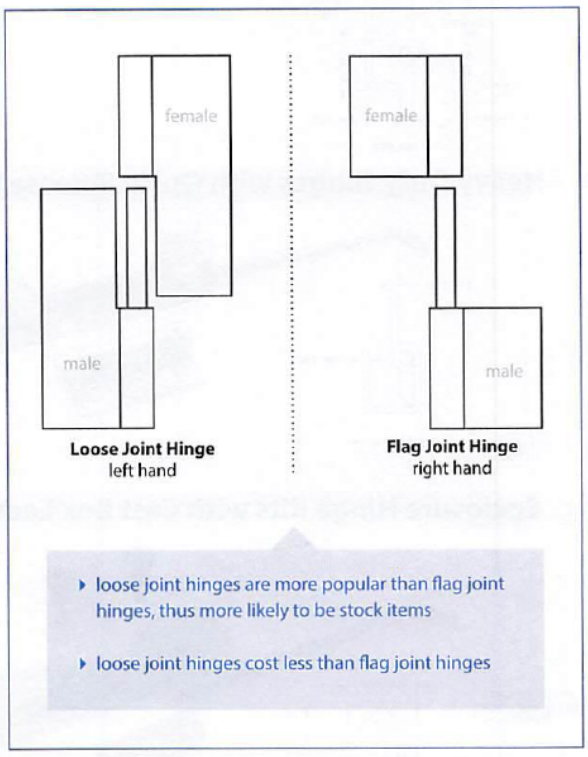




Lift-off Hinges

Steel Flag Joint Hinges

Left Hand Part No.	Material Thickness	Open Width	Length	Pin Dia.	Right Hand Part No.
FJ41220L ◆	.048	1.25	2.00	.125	FJ41220R ◆
FJ41520L	.048	1.50	2.00	.125	FJ41520R
FJ41525L ◆	.048	1.50	2.50	.125	FJ41525R ◆
FJ42030L ✸	.048	2.00	3.00	.125	FJ42030R ✸
FJ61015L ◆	.060	1.00	1.50	.125	FJ61015R ◆
FJ61220L	.060	1.25	2.00	.125	FJ61220R
FJ61520L	.060	1.50	2.00	.125	FJ61520R
FJ62020L ◆	.060	2.00	2.00	.125	FJ62020R ◆
FJ62025L ◆	.060	2.00	2.50	.125	FJ62025R ◆
FJ62030L	.060	2.00	3.00	.125	FJ62030R
FJ71520L ◆	.075	1.50	2.00	.125	FJ71520R ◆
FJ72025L ✸	.075	2.00	2.50	.125	FJ72025R ✸
FJ72030L ✸	.075	2.00	3.00	.187	FJ72030R ✸
FJ73040L ◆ ✸	.075	3.00	4.00	.187	FJ73040R ◆ ✸
FJ92025L ◆	.090	2.00	2.50	.187	FJ92025R ◆
FJ92030L ◆	.090	2.00	3.00	.187	FJ92030R ◆
FJ93030L	.090	3.00	3.00	.250	FJ93030R
FJ93040L	.090	3.00	4.00	.250	FJ93040R
FJ123040L ◆	.120	3.00	4.00	.250	FJ123040R ◆
FJ124040L ◆ ✸	.120	4.00	4.00	.250	FJ124040R ◆ ✸



Loose Joint Hinge
left hand

Flag Joint Hinge
right hand

- loose joint hinges are more popular than flag joint hinges, thus more likely to be stock items
- loose joint hinges cost less than flag joint hinges

Steel Loose Joint Hinges

Left Hand Part No.	Material Thickness	Open Width	Length	Pin Dia.	Right Hand Part No.
LJ41015L ◆	.048	1.00	1.50	.125	LJ41015R ◆
LJ41215L ◆	.048	1.25	1.50	.125	LJ41215R ◆
LJ41520L ◆	.048	1.50	2.00	.125	LJ41520R ◆
LJ41525L ◆	.048	1.50	2.50	.125	LJ41525R ◆
LJ42025L ◆ ■ ✸	.051	2.00	2.50	.250	LJ42025R ◆ ■ ✸
LJ61220L ✸	.060	1.25	2.00	.125	LJ61220R ✸
LJ61520L ◆ ✸	.060	1.50	2.00	.125	LJ61520R ◆ ✸
LJ61525L	.060	1.50	2.50	.125	LJ61525R
LJ62030L ◆	.060	2.00	3.00	.125	LJ62030R ◆
LJ63040L ◆	.060	3.00	4.00	.125	LJ63040R ◆
LJ62021L	.060	2.00	2.00	.187	LJ62021R
LJ71520L ◆	.074	1.50	2.00	.187	LJ71520R ◆
LJ71825L	.074	1.88	2.50	.187	LJ71825R ◆
LJ72030L ◆	.074	2.00	3.00	.187	LJ72030R ◆
LJ73040L ◆	.074	3.00	4.00	.187	LJ73040R ◆
LJ81720L ✸	.080	1.68	2.00	.187	LJ81720R ✸
LJ81720L02 ▼ ✸	.080	1.68	2.00	.187	LJ81720R02 ▼ ✸
LJ81720L03 × ✸	.080	1.68	2.00	.187	LJ81720R03 × ✸
LJ81520L	.080	1.50	2.00	.250	LJ81520R
LJ91520L ◆	.090	1.50	2.00	.187	LJ91520R ◆
LJ91525L ◆	.090	1.50	2.50	.187	LJ91525R ◆
LJ92025L ◆	.090	2.00	2.50	.187	LJ92025R ◆
LJ92030L ◆	.090	2.00	3.00	.250	LJ92030R ◆
LJ92525L ◆	.090	2.50	2.50	.187	LJ92525R ◆
LJ93030L ◆ ✸	.090	3.00	3.00	.250	LJ93030R ◆ ✸
LJ94040L ◆	.090	4.00	4.00	.250	LJ94040R ◆
LJ123040L	.120	3.00	4.00	.250	LJ123040R
LJ124040L	.120	4.00	4.00	.250	LJ124040R
LJ125050L ◆	.120	5.00	5.00	.250	LJ125050R ◆
LJ126060L ◆	.120	6.00	6.00	.250	LJ126060R ◆
LJ183040L	.180	3.00	4.00	.375	LJ183040R
LJ184050L ◆	.180	4.00	5.00	.375	LJ184050R ◆
LJ186060L ◆ ✸	.180	6.00	6.00	.375	LJ186060R ◆ ✸

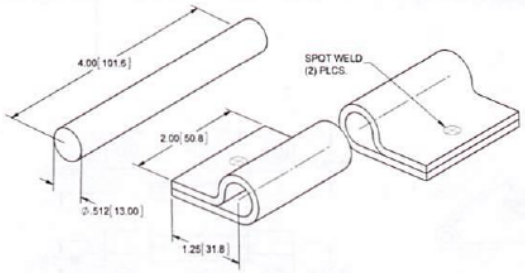
■ these hinges have (2) Ø.130 holes
▼ these hinges have (2) Ø.187 holes
× these hinges have (2) Ø.208 holes
◆ indicates stock items
✸ = money saver

300 Series Loose Joint Hinges

Left Hand Part No.	Material Thickness	Open Width	Length	Pin Dia.	Right Hand Part No.
LJ41015LS ◆	.048	1.00	1.50	.125	LJ41015RS ◆
LJ42025LS ◆ ■ ✸	.051	2.00	2.50	.250	LJ42025RS ◆ ■ ✸
LJ61220LS ✸	.060	1.25	2.00	.125	LJ61220RS ✸
LJ61520LS ◆ ✸	.060	1.50	2.00	.125	LJ61520RS ◆ ✸
LJ71520LS	.074	1.50	2.00	.187	LJ71520RS
LJ81720LS ✸	.080	1.68	2.00	.187	LJ81720RS ✸
LJ81720LS02 ▼ ✸	.080	1.68	2.00	.187	LJ81720RS02 ▼ ✸
LJ81720LS03 × ✸	.080	1.68	2.00	.187	LJ81720RS03 × ✸
LJ92025LS ◆	.090	2.00	2.50	.187	LJ92025RS ◆
LJ93030LS ◆ ✸	.090	3.00	3.00	.250	LJ93030RS ◆ ✸
LJ123040LS ◆	.120	3.00	4.00	.250	LJ123040RS ◆
LJ124040LS ◆	.120	4.00	4.00	.250	LJ124040RS ◆
LJ184050LS	.187	4.00	5.00	.375	LJ184050RS

Double Wrap Flag Joint Hinges

Part Number	Material	Finish
H1039	.120 [3.05] steel	mill
H1039ZN	.120 [3.05] steel	zinc plated
H1039SS	304SS	passivated

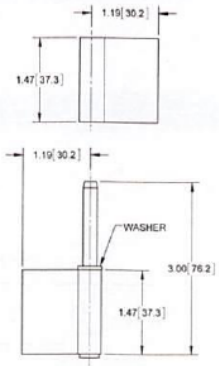




Stainless Steel Flag Joint Hinge

Part Number	Material	Finish
FJ71130L01	.079 [20.07] 304SS	tumbled

- pin: Ø.250 [6.35] cold headed pin
- both leaves half swaged
- washer welded to knuckle

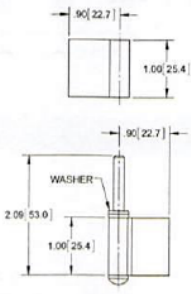


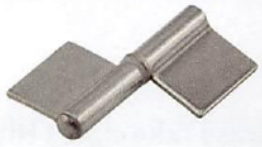


Stainless Steel Flag Joint Hinge

Part Number	Material	Finish
FJ61720SS	.079 [20.07] 304SS	tumbled

- pin: Ø.181 [4.60] cold headed pin
- both leaves half swaged
- includes stainless steel and nylon washer for needed application





Cold Rolled Steel Loose Joint Hinges

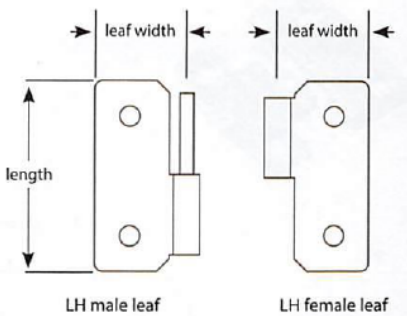
Part Number	Leaf Side	Hole Size	Pin Length	Gauge	Leaf Width	Length	Pin Dia.
BH8150 ▲	LH male	.161 [4.09]	.500 [12.70]				
BH8150NH ▲	LH male	no holes	.500 [12.70]				
BH8152 ●	LH male	.161 [4.09]	.625 [15.88]				
BH8152NH ●	LH male	no holes	.625 [15.88]				
BH8154	LH female	.161 [4.09]	n/a				
BH8154NH	LH female	no holes	n/a	.050 [1.27]	.719 [18.26]	1.500 [38.10]	.120 [3.05]
BH8160	RH female	.161 [4.09]	n/a				
BH8160NH	RH female	no holes	n/a				
BH8162 ▲	RH male	.161 [4.09]	.500 [12.70]				
BH8162NH ▲	RH male	no holes	.500 [12.70]				
BH8164 ●	RH male	.161 [4.09]	.625 [15.88]				
BH8164NH ●	RH male	no holes	.625 [15.88]				

- all part numbers are mill finish (call for finish availability)

▲ short pin

● long pin

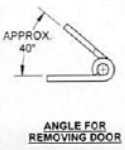


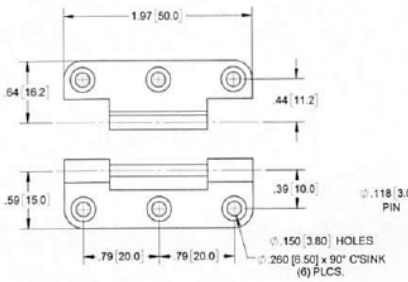


Brass Take-apart Hinge

Part No.	Material	Finish
H2242N	brass	nickel plated



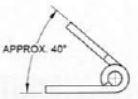


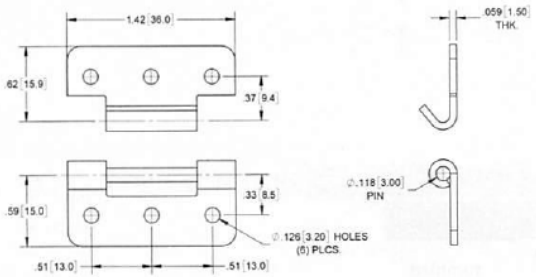


Brass Take-apart Hinge

Part No.	Material	Finish
H2243N	brass	nickel plated

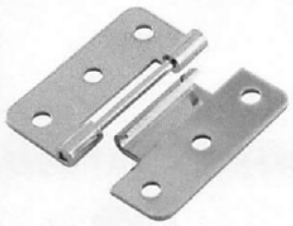


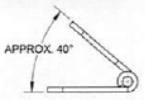


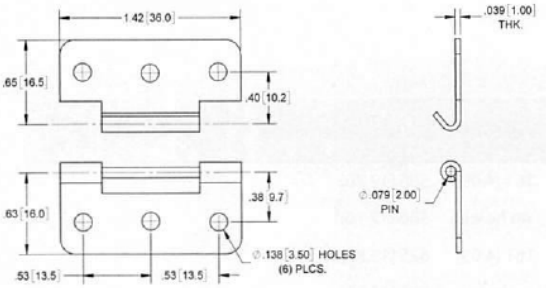


Brass Take-apart Hinge

Part No.	Material	Finish
H2244N	brass	nickel plated



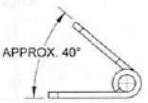


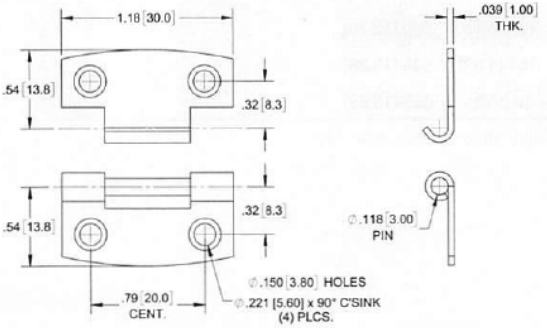


Brass Take-apart Hinge

Part No.	Material	Finish
H2245N	brass	nickel plated



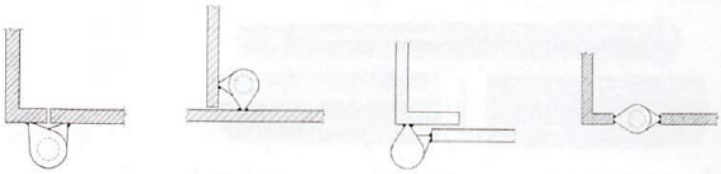




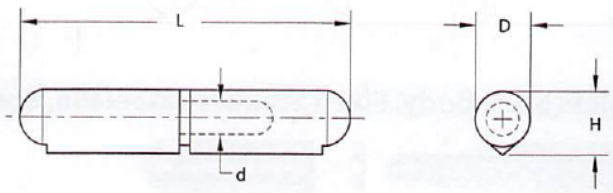
Weld-on Hinges

Steel Body, Fixed Steel Pin, Brass Bushing

Part Number	Length (L)	Body Dia . (D)	Thickness (H)	Pin Dia. (d)
W100	1.57 [40]	.31 [8]	.37 [9.6]	.20 [5]
W110	1.97 [50]	.31 [8]	.37 [9.6]	.20 [5]
W120	2.36 [60]	.39 [10]	.47 [12]	.24 [6]
W130	2.76 [70]	.45 [11.5]	.52 [13.2]	.24 [6]
W140	3.15 [80]	.51 [13]	.61 [15.4]	.31 [8]
W160	3.94 [100]	.63 [16]	.77 [19.5]	.39 [10]
W170	4.72 [120]	.63 [16]	.77 [19.5]	.39 [10]
W180	5.31 [135]	.71 [18]	.90 [22.9]	.50 [13]
W190	5.91 [150]	.79 [20]	.99 [25.2]	.50 [13]
W200	7.09 [180]	.79 [20]	.99 [25.2]	.55 [14]
W210	7.87 [200]	.91 [23]	1.11 [28.3]	.63 [16]
W220	10.24 [260]	1.10 [28]	1.46 [37]	.75 [19]



welding details



▸ additional brass grease fittings and bushings may be purchased separately

Steel Body, Fixed Brass Pin, Brass Bushing

Part Number	Length (L)	Body Dia. (D)	Thickness (H)	Pin Dia. (d)
W100-01	1.57 [40]	.31 [8]	.37 [9.6]	.20 [5]
W110-01	1.97 [50]	.31 [8]	.37 [9.6]	.20 [5]
W120-01	2.36 [60]	.39 [10]	.47 [12]	.24 [6]
W130-01	2.76 [70]	.45 [11.5]	.52 [13.2]	.24 [6]
W140-01	3.15 [80]	.51 [13]	.61 [15.4]	.31 [8]
W160-01	3.94 [100]	.63 [16]	.77 [19.5]	.39 [10]
W170-01	4.72 [120]	.63 [16]	.77 [19.5]	.39 [10]
W180-01	5.31 [135]	.71 [18]	.90 [22.9]	.50 [13]
W190-01	5.91 [150]	.79 [20]	.99 [25.2]	.50 [13]
W200-01	7.09 [180]	.79 [20]	.99 [25.2]	.55 [14]
W210-01	7.87 [200]	.91 [23]	1.11 [28.3]	.63 [16]
W220-01	10.24 [260]	1.10 [28]	1.46 [37]	.75 [19]



DUE TO TIGHT FIT TOLERANCES, WE DO NOT RECOMMEND SEPARATING PAIRED MALE & FEMALE ASSEMBLIES AS SUPPLIED. SOME MALE BARRELS MAY NOT FIT WITH OTHER FEMALE BARRELS.

Weld-on Hinges with Grease Fitting

Steel Body, Fixed Steel Pin,Brass Bushing, Grease Fitting

Part Number	Length (L)	Body Dia. (D)	Thickness (H)	Pin Dia. (d)
W140-02	3.15 [80]	.51 [13]	.61 [15.4]	.31 [8]
W160-02	3.94 [100]	.63 [16]	.77 [19.5]	.39 [10]
W170-02	4.72 [120]	.63 [16]	.77 [19.5]	.39 [10]
W190-02	5.91 [150]	.79 [20]	.99 [25.2]	.50 [13]
W200-02	7.09 [180]	.79 [20]	.99 [25.2]	.55 [14]
W210-02	7.87 [200]	.91 [23]	1.11 [28.3]	.63 [16]
W220-02	10.24 [260]	1.10 [28]	1.46 [37]	.75 [19]



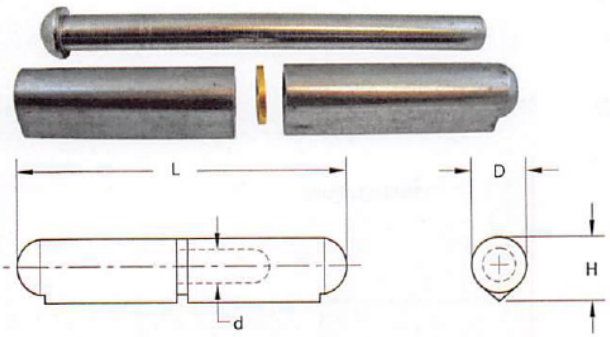
Steel Body, Fixed Brass Pin, Brass Bushing, Grease Fitting

Part Number	Length (L)	Body Dia. (D)	Thickness (H)	Pin Dia. (d)
W140-01GF	3.15 [80]	.51 [13]	.61 [15.4]	.31 [8]
W160-01GF	3.94 [100]	.63 [16]	.77 [19.5]	.39 [10]
W170-01GF	4.72 [120]	.63 [16]	.77 [19.5]	.39 [10]
W190-01GF	5.91 [150]	.79 [20]	.99 [25.2]	.47 [12]
W200-01GF	7.09 [180]	.79 [20]	.99 [25.2]	.55 [14]
W210-01GF	7.87 [200]	.91 [23]	1.11 [28.3]	.63 [16]



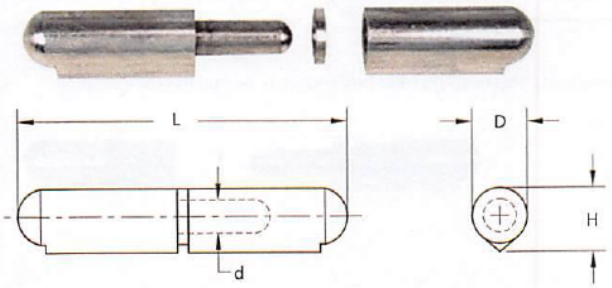
DUE TO TIGHT FIT TOLERANCES, WE DO NOT RECOMMEND SEPARATING PAIRED MALE & FEMALE ASSEMBLIES AS SUPPLIED. SOME MALE BARRELS MAY NOT FIT WITH OTHER FEMALE BARRELS.

Steel Body, Removable Steel Pin, Brass Bushing



Part Number	Length (L)	Body Dia. (D)	Thickness (H)	Pin Dia. (d)
W110-03	1.97 [50]	.31 [8]	.37 [9.6]	.20 [5]
W140-03	3.15 [80]	.51 [13]	.61 [15.4]	.31 [8]
W160-03	3.94 [100]	.63 [16]	.77 [19.5]	.39 [10]
W190-03	5.91 [150]	.79 [20]	.99 [25.2]	.50 [13]
W210-03	7.87 [200]	.91 [23]	1.11 [28.3]	.63 [16]

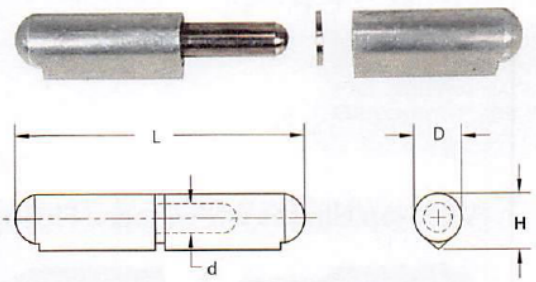
Stainless Steel Body, Fixed Stainless Steel Pin, Stainless Steel Bushing



DUE TO TIGHT FIT TOLERANCES, WE DO NOT RECOMMEND SEPARATING PAIRED MALE & FEMALE ASSEMBLIES AS SUPPLIED. SOME MALE BARRELS MAY NOT FIT WITH OTHER FEMALE BARRELS.

Part Number	Length (L)	Body Dia. (D)	Thickness (H)	Pin Dia. (d)
W100-10	1.57 [40]	.31 [8]	.37 [9.6]	.20 [5]
W110-10	1.97 [50]	.31 [8]	.37 [9.6]	.20 [5]
W120-10	2.36 [60]	.39 [10]	.47 [12]	.24 [6]
W130-10	2.76 [70]	.45 [11.5]	.52 [13.2]	.24 [6]
W140-10	3.15 [80]	.51 [13]	.61 [15.4]	.31 [8]
W160-10	3.94 [100]	.63 [16]	.77 [19.5]	.39 [10]
W170-10	4.72 [120]	.63 [16]	.77 [19.5]	.39 [10]
W180-10	5.31 [135]	.71 [18]	.90 [22.9]	.50 [13]
W190-10	5.91 [150]	.79 [20]	.99 [25.2]	.50 [13]
W210-10	7.87 [200]	.91 [23]	1.11 [28.3]	.63 [16]

Aluminum Body, Fixed Stainless Steel Pin, Stainless Steel Bushing



DUE TO TIGHT FIT TOLERANCES, WE DO NOT RECOMMEND SEPARATING PAIRED MALE & FEMALE ASSEMBLIES AS SUPPLIED. SOME MALE BARRELS MAY NOT FIT WITH OTHER FEMALE BARRELS.

Part Number	Length (L)	Body Dia. (D)	Thickness (H)	Pin Dia. (d)
W100-20	1.57 [40]	.31 [8]	.37 [9.6]	.20 [5]
W110-20	1.97 [50]	.31 [8]	.37 [9.6]	.20 [5]
W120-20	2.36 [60]	.39 [10]	.47 [12]	.24 [6]
W130-20	2.76 [70]	.45 [11.5]	.52 [13.2]	.24 [6]
W140-20	3.15 [80]	.51 [13]	.61 [15.4]	.31 [8]
W160-20	3.94 [100]	.63 [16]	.77 [19.5]	.39 [10]
W180-20	5.31 [135]	.71 [18]	.90 [22.9]	.50 [13]
W190-20	5.91 [150]	.79 [20]	.99 [25.2]	.50 [13]
W200-20	7.09 [180]	.79 [20]	.99 [25.2]	.55 [14]
W210-20	7.87 [200]	.91 [23]	1.11 [28.3]	.63 [16]

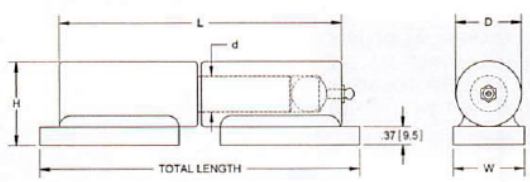
Steel Body, Fixed Steel Pin with Grease Fitting



with weld base



without weld base

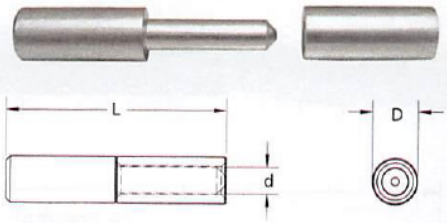


Part Number	Length (L)	Body Dia. (D)	Pin Dia. (d)	Height (H)	Width (W)	Total Length
W432	4.09 [103.9]	.98 [24.9]	.63 [16.0]	1.36 [34.5]	1.06 [26.9]	4.92 [125.0]
NEW W432-01	4.09 [103.9]	.98 [24.9]	.63 [16.0]	without weld base		
W431	5.94 [150.9]	1.38 [35.1]	.75 [19.1]	1.75 [44.5]	1.50 [38.10]	6.73 [170.9]
NEW W431-01	5.94 [150.9]	1.38 [35.1]	.75 [19.1]	without weld base		

- finish: clear coated
- includes:
  - 1/4" grease fitting
  - chrome plated hardened steel ball bearing
  - high temperature lithium grease

Stainless Steel Barrel Hinge with Stainless Steel Pin

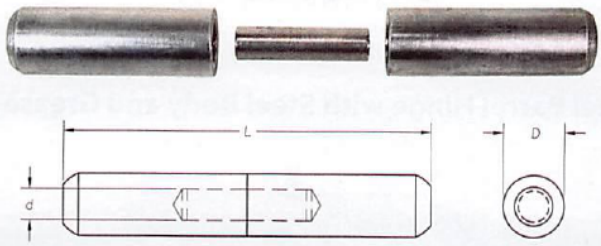
Part Number	Length (L)	Body Dia. (D)	Pin Dia. (d)
W420	3.00 [76.2]	.625 [15.9]	.36 [9.1]



Steel Barrel Hinge with Steel Pin

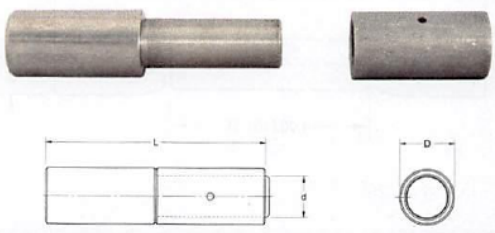
Part Number	Length (L)	Body Dia. (D)	Pin Dia. (d)
W405	6.00 [152.4]	1.000 [25.4]	.50 [12.7]

- pin not fixed



Steel Barrel Hinge with Steel Pin

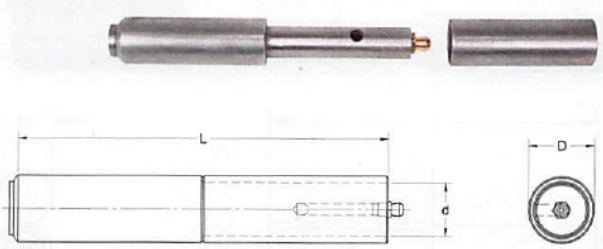
Part Number	Length (L)	Body Dia. (D)	Pin Dia. (d)
W426	4.00 [101.6]	1.00 [25.4]	.74 [18.8]



Steel Barrel Hinge with Steel Pin and Grease Fitting

Part Number	Length (L)	Body Dia. (D)	Pin Dia. (d)	Grease Fitting Material
W400	4.50 [114.3]	.750 [19.1]	.50 [12.7]	brass
W401	6.50 [165.1]	.750 [19.1]	.50 [12.7]	brass
W425	7.00 [177.8]	1.250 [31.8]	1.00 [25.4]	brass
W430	4.00 [101.6]	1.00 [25.4]	.75 [19.1]	steel

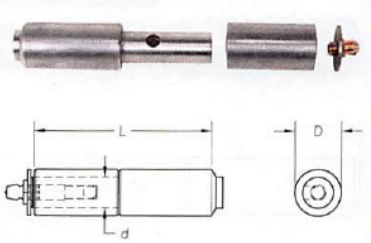
- additional ¼" grease fittings may be purchased separately



Steel Barrel Hinge with Steel Pin and Accessories

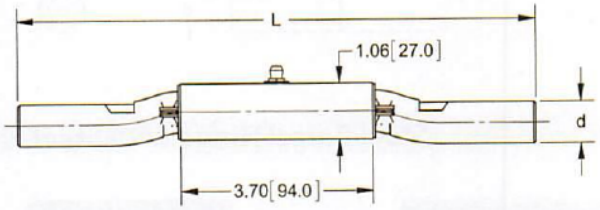
Part Number	Length (L)	Body Dia. (D)	Pin Dia. (d)
W400-02	2.88 [73.2]	.750 [19.1]	.50 [12.7]

- ¼" grease fitting
- grease fitting and washer hold hinge together
- additional ¼" grease fittings may be purchased separately



Steel Barrel Hinge with Steel Body and Grease Fitting



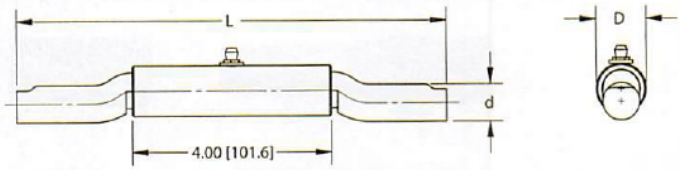


Part Number	Length (L)	Body Dia. (D)	Pin Dia. (d)
W427	10.00 [254.0]	1.063 [27.00]	.787 [20.00]

- the sheet metal tear-drop housing is specially shaped for easier welding
- ¼" grease fitting

Steel Barrel Hinge with Steel Body and Grease Fitting



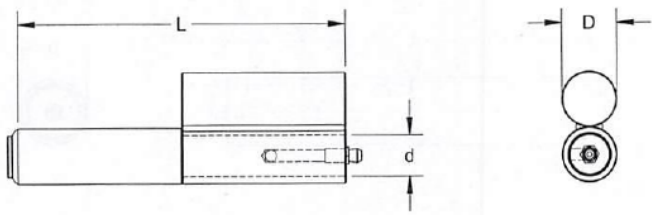


Part Number	Length (L)	Body Dia. (D)	Pin Dia. (d)
W429	8.63 [219.2]	1.000 [25.40]	.738 [18.75]

- ¼" grease fitting

Steel Barrel Hinge with Grease Fitting and Welded Bar



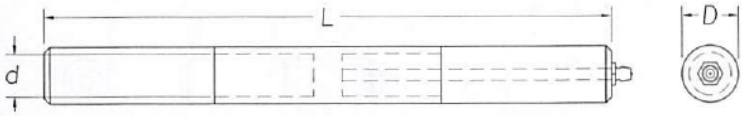


Part Number	Length (L)	Body Dia. (D)	Pin Dia. (d)
W422	6.00 [152.4]	1.00 [25.4]	.75 [19.1]

- ¼" grease fitting

Three Piece Barrel Hinge PAT.





Part Number	Length (L)	Body Dia. (D)	Pin Dia. (d)	Material
W412-A01	10.00 [254.0]	.969 [24.61]	.75 [19.1]	aluminum

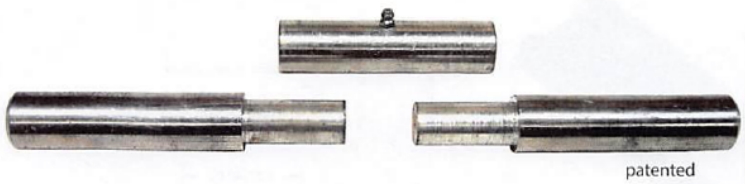
- ¼" grease fitting

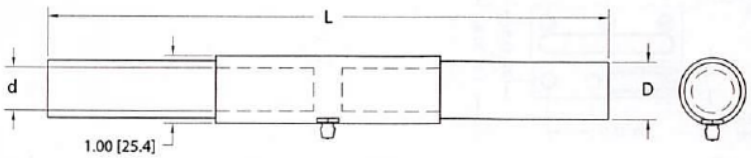
Download 3D MODELS @ www.spep.com

PAT. Three Piece Barrel Hinges

Part Number	Material	Length (L)	Body Dia. (D)	Pin Dia. (d)
W412	steel	10.00 [254.0]	.969 [24.61]	.75 [19.0]
W412-A	aluminum	10.00 [254.0]		.75 [19.0]
W413	steel	12.00 [304.8]		.75 [19.0]
W413-A	aluminum	12.00 [304.8]		.69 [17.5]

- ¼" grease fitting in the middle





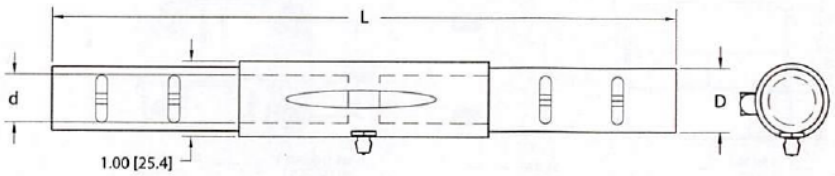
PAT. Barrel Hinges with Weld Guides

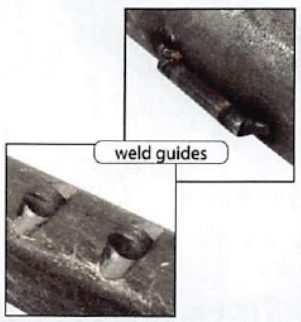
Three Piece Barrel Hinges with Weld Guides

Part Number	Material	Length (L)	Body Dia. (D)	Pin Dia. (d)
W412SK	steel	10.00 [254.0]	.969 [24.6]	.75 [19.1]
W413SK	steel	12.00 [304.8]		

- ¼" grease fitting in the middle
- weld guides assist for positioning and alignment





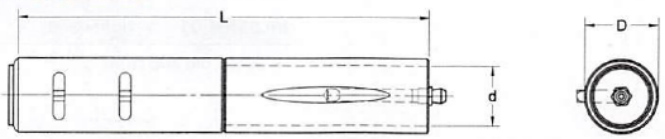


Barrel Hinges with Weld Guides

Part Number	Material	Weld Guides	Length (L)	Body Dia. (D)	Pin Dia. (d)
W430SK	steel	yes	4.00 [101.6]	1.00 [25.4]	.75 [19.1]

- ¼" grease fitting
- weld guides assist for positioning and alignment
- part no. **W430SK** is also available without weld guides. see part no. **W430** on pg. 279



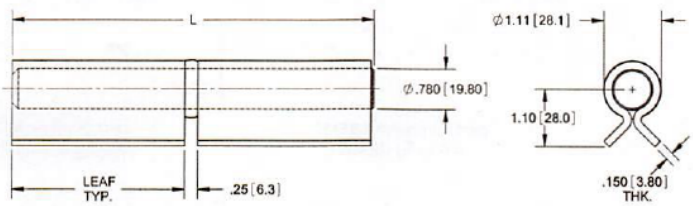


Winged Barrel Hinge

Part Number	Material	Finish	Length (L)	Leaf
W435	steel	clear coated	7.0 [177.8]	3.35 [85.1]
W436	steel	clear coated	3.5 [88.9]	1.57 [39.9]

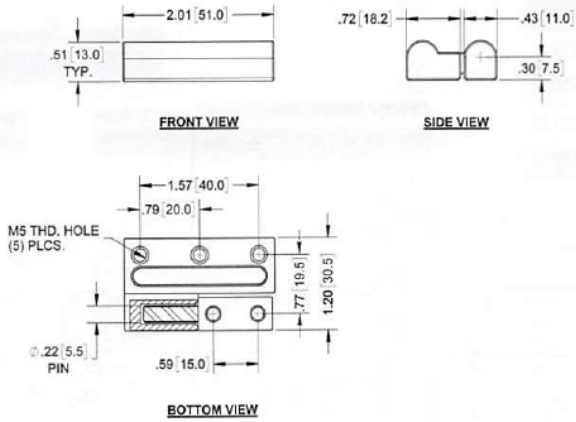
- 304SS axial ball bearing





Die Cast Zinc Offset Lift-off Hinge





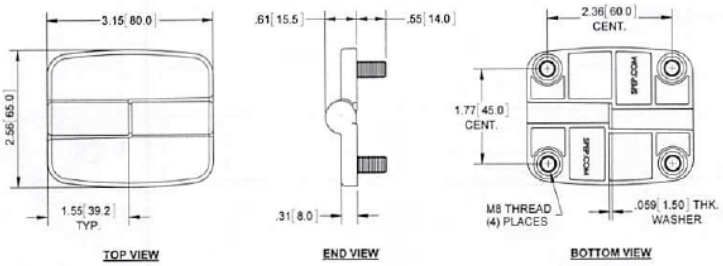
Part No.	Material	Finish
H2273BK	die cast zinc	black powder coated

Die Cast Zinc Lift-off Hinges

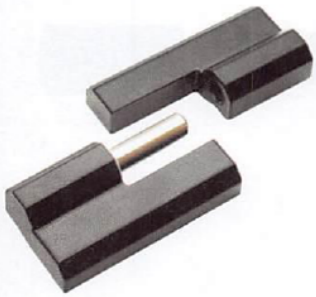


Part Number	Description	Material	Finish
ML51LH	left hand	die cast zinc	textured black powder coat
ML51RH	right hand	die cast zinc	textured black powder coat

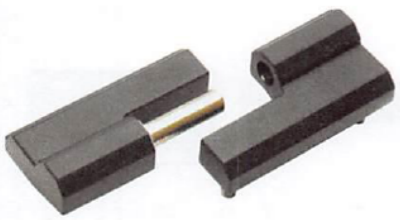
- 304SS pin, studs and washer



2.50 [63.5] Offset Lift-off Hinges with Threaded Holes or Studs



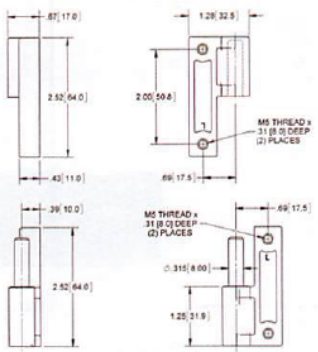
part number: **ML55LH**
left hand shown



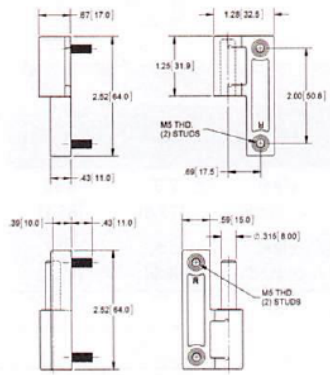
part number: **ML55RH-01**
right hand shown

Part Number	Description	Leaves Material	Leaves Finish	Thread Size
ML55LH	left hand	die cast zinc	matte black powder coat	M5
ML55RH	right hand			
ML55LH-01	left hand	die cast zinc	matte black powder coat	M5 studs
ML55RH-01	right hand			

- 304SS pin and studs



part number: **ML55LH**
left hand shown



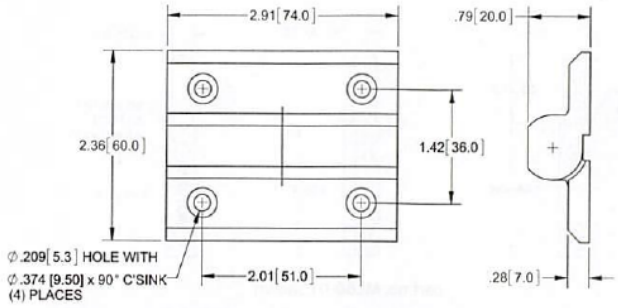
part number: **ML55RH-01**
right hand shown

Plastic Lift-off Hinges

Part Number	Description	Material	Finish
ML50LH	left hand	reinforced plastic	black
ML50RH	right hand	reinforced plastic	black

- 304SS pin



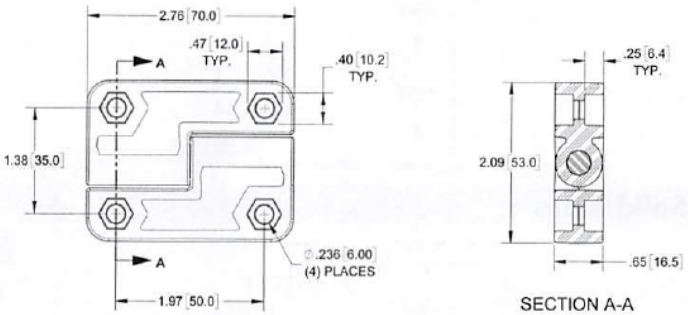


Die Cast Zinc Lift-off Hinge

Part No.	Material	Finish
H2252BK	die cast zinc	matte black

- steel, nickel plated pin
- bi-directional
- can be mounted for left-hand or right-hand operation



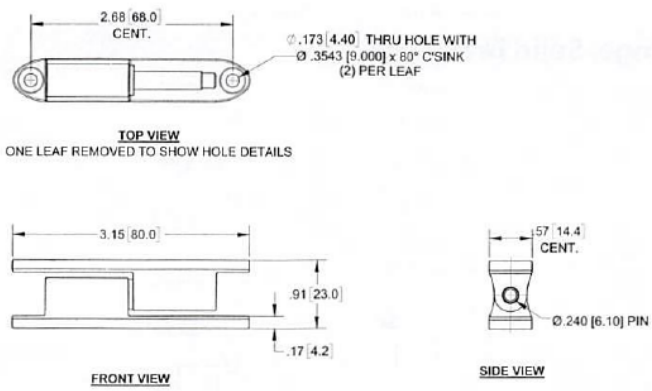


Lift-off Hinge

Part No.	Material	Finish
H2278CH	die cast zinc	chrome plated

- steel, nickel plated pin
- brass bushing

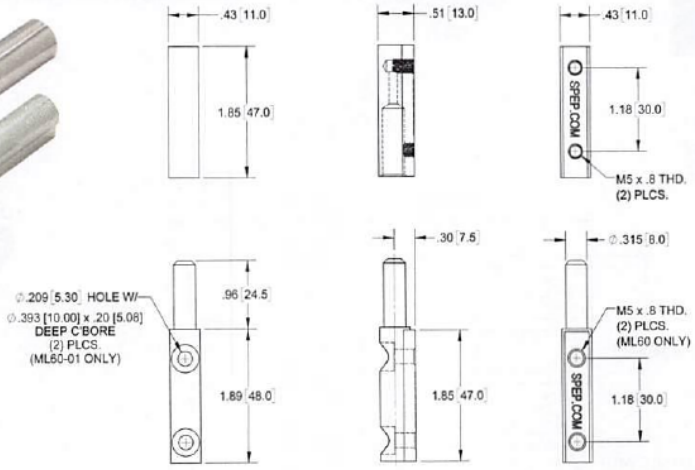




3.74 [95.0] Lift-off Hinges with Covers



ML60-01
front mount



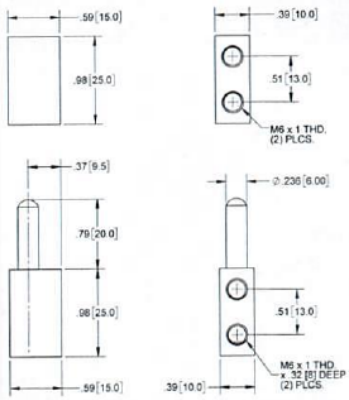
part no. **ML60-01** shown

Part No.	Material	Finish	Holes
ML60	steel	zinc plated	blind mount
ML60-01	steel	zinc plated	front mount

- cover material: 304SS
- cover finish: mirror polished
- only the male leaf has blind or front mount option, female leaf is blind mount only

1.96 [49.8] Lift-off Hinge, Solid Brass



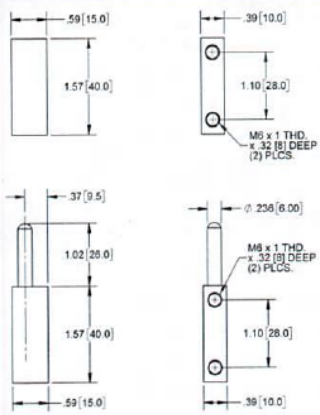


Part No.	Material	Finish
ML11CH	solid brass	chrome plated

- includes (4) nickel plated M6x1 mounting screws
- 304SS pin

3.15 [80.0] Lift-off Hinge, Solid Brass



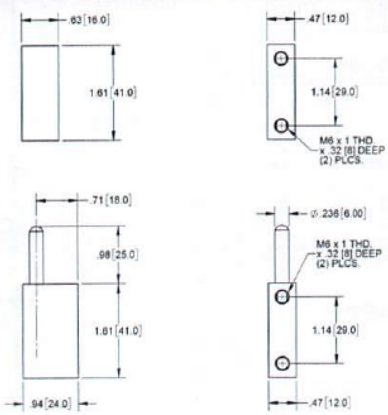


Part No.	Material	Finish
ML13CH	solid brass	chrome plated
ML13CH-01*	solid brass	chrome plated

- includes (4) nickel plated M6x1 mounting screws
- 304SS pin
- part no. **MLCH13-01** does **not** include fasteners

3.23 [82.0] Offset Lift-off Hinge, Solid Brass





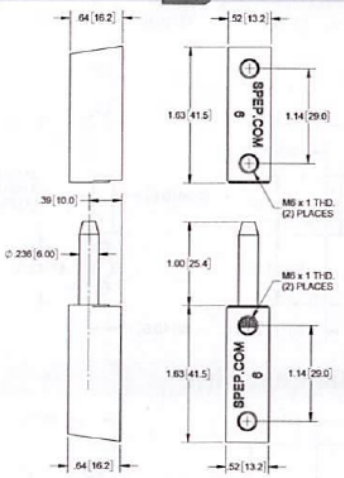
Part No.	Material	Finish
ML15CH	solid brass	chrome plated

- includes (4) nickel plated M6x1 mounting screws
- 304SS pin

316SS 3.27 [83.0] Lift-off Hinges, Stainless Steel

Part Number	Material	Finish
ML16SS	316SS	mirror polished
ML16SS-01	304SS	mirror polished

- 316SS pin

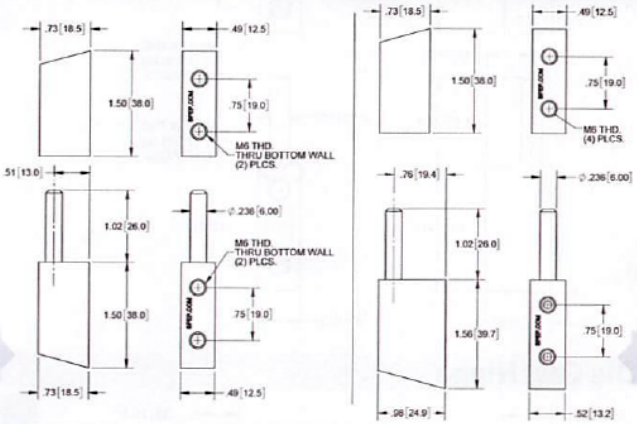




316SS 3.00 [76.0] Lift-off Hinges, Stainless Steel

Part Number	Material	Finish
ML17SST-01	316SS	brushed
ML17SST-02*	316SS	brushed

- * male leaf for part no. **ML17SST-02** has a .25[6.4] offset



part number: **ML17SST-01**

part number: **ML17SST-02**

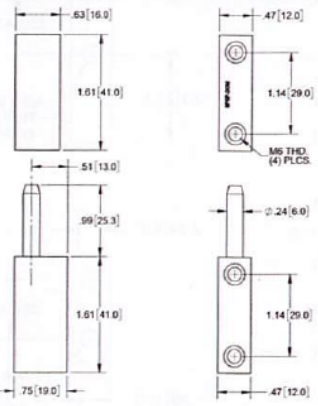


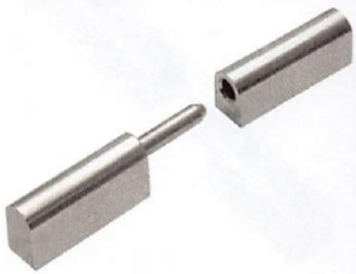
ML17SST-02
male leaf with offset

3.23 [82.0] Offset Lift-off Hinge, Stainless Steel

Part Number	Material	Finish
ML18SS	304SS	mirror polished

- male leaf has .12 [3.0] offset
- 304SS pin, mill finish

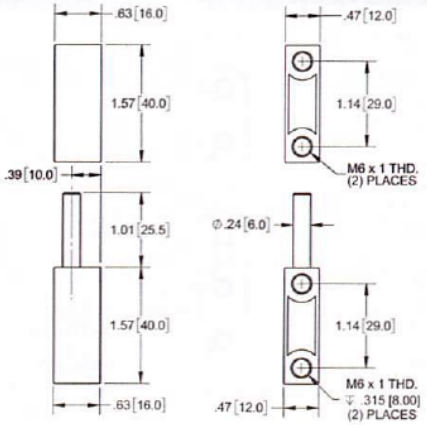




3.15 [80.0] Lift-off Hinge, Die Cast Zinc

Part No.	Material	Finish
ML38	die cast zinc	black powder coated

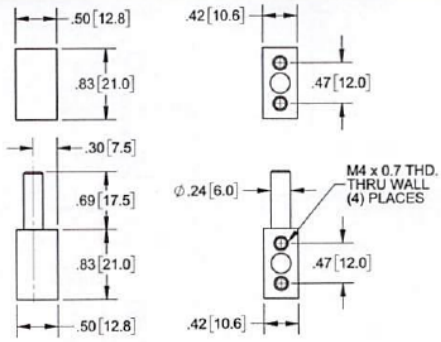
- steel, nickel plated pin





1.65 [42.0] Lift-off Hinge, Die Cast Zinc



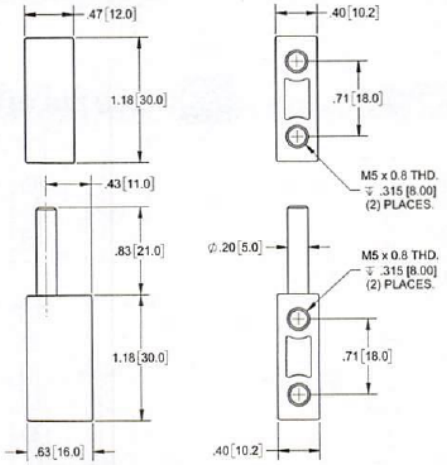


Part No.	Material	Finish
ML39	die cast zinc	matte black

- steel, zinc plated pin

2.36 [60.0] Offset Lift-off Hinge, Die Cast Zinc



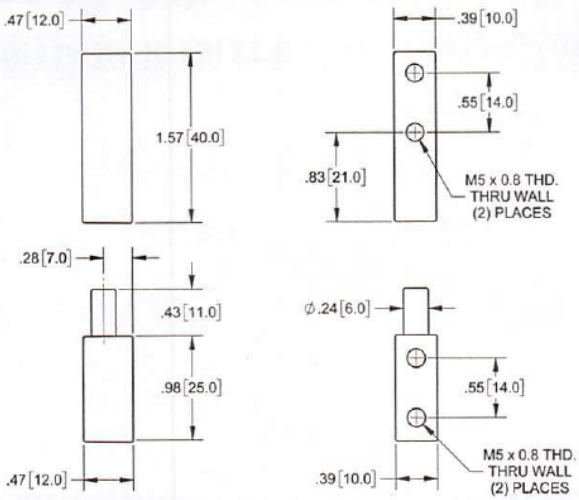


Part No.	Material	Finish
ML14CH	die cast zinc	bright chrome plated

- steel, nickel plated pin

2.56 [65.0] Lift-off Hinge, Die Cast Hinge



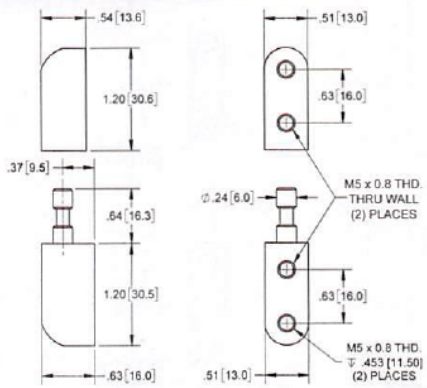


Part No.	Material	Finish
ML47CH	die cast zinc	bright chrome plated

- pin & body are one solid piece

2.41 [61.1] Offset Lift-off Hinge, Die Cast Zinc





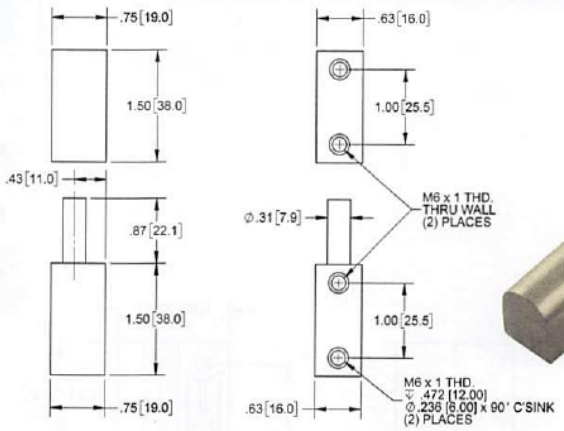
Part No.	Material	Finish
ML48CH	die cast zinc	bright chrome plated

- pin & body are one solid piece

3.00 [76.0] Lift-off Hinge, Stainless Steel

Part No.	Material	Finish
ML49SS	stainless steel	mill

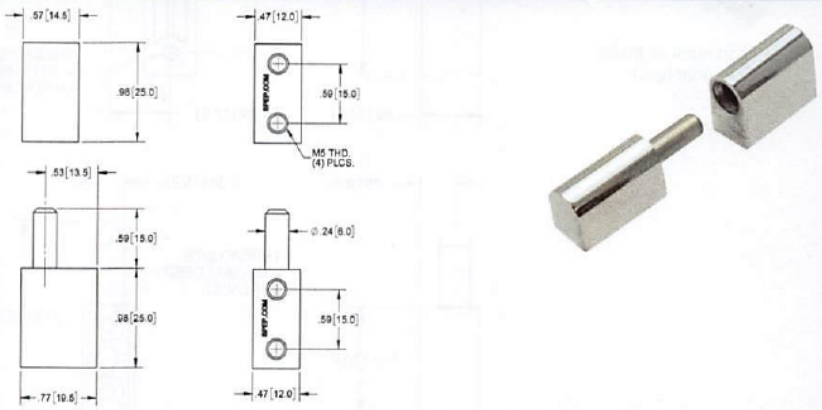
- removable 304SS pin



1.97 [50.0] Offset Lift-off Hinge, Die Cast Zinc

Part Number	Material	Finish
ML19CH	die cast zinc	polished chrome plated

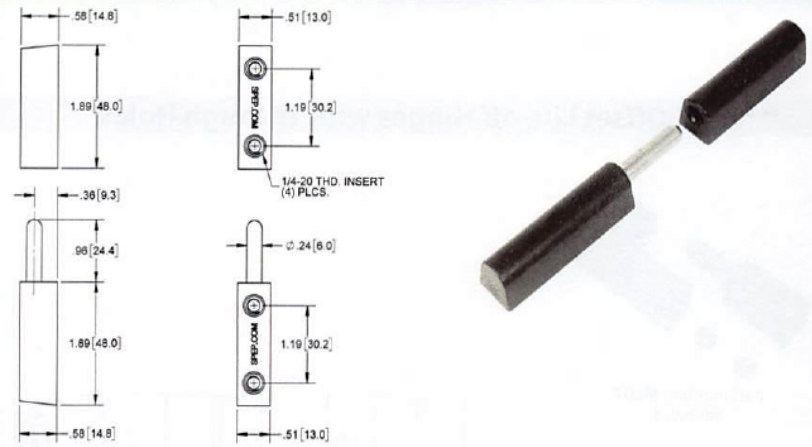
- male leaf has .20 [5.0] offset
- removable 304SS pin



3.78 [96.0] Plastic Lift-off Hinge

Part Number	Material	Finish
ML20P	ABS	black

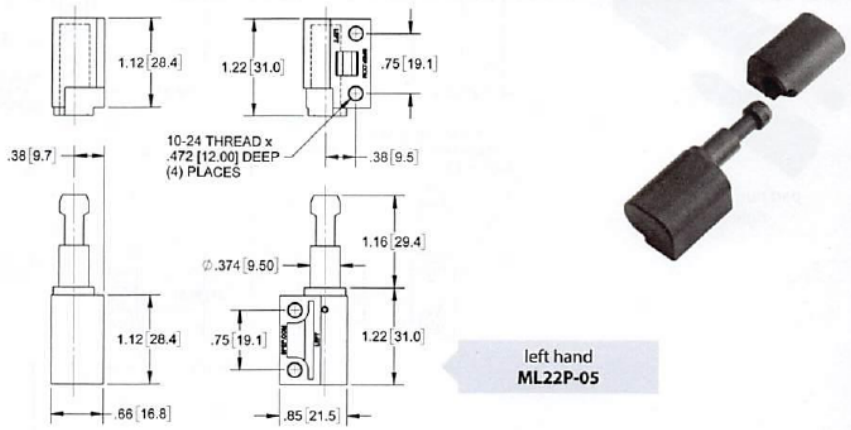
- 304SS pin



2.44 [62.0] Plastic Lift-off Hinges with Clip Retention

Part Number	Description	Material	Finish
ML22P-05	left hand	glass reinforced nylon	black
ML23P-05	right hand	glass reinforced nylon	black

- nylon pin
- includes plastic clip & rubber insert for pin retention to female leaf



left hand
ML22P-05

2.50 [63.5] Offset Lift-off Hinges with Threaded Holes



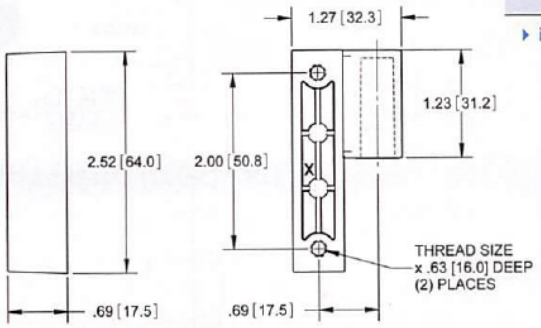
part number: **ML05**
left hand

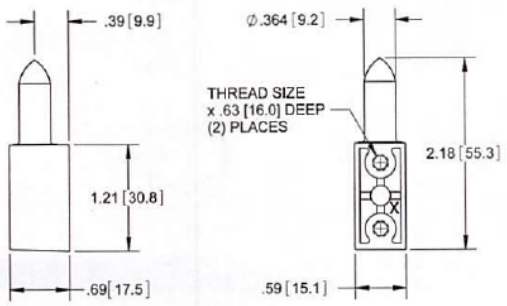


part number: **ML06**
right hand

Part Number	Description	Material	Finish	Thread Size
ML05	left hand	die cast zinc	matte black powder coat	10-32
ML06	right hand	die cast zinc	matte black powder coat	10-32
ML05-01	left hand	die cast zinc	matte black powder coat	M5
ML06-01	right hand	die cast zinc	matte black powder coat	M5

- includes Delrin washer





2.50 [63.5] Offset Lift-off Hinges with Through Holes



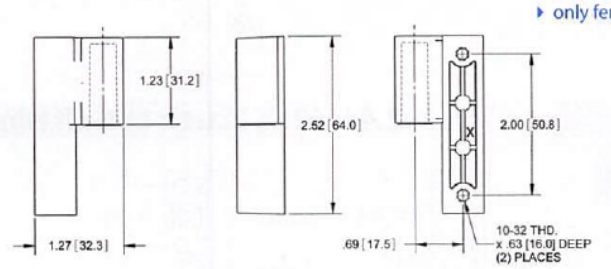
part number: **ML07**
left hand

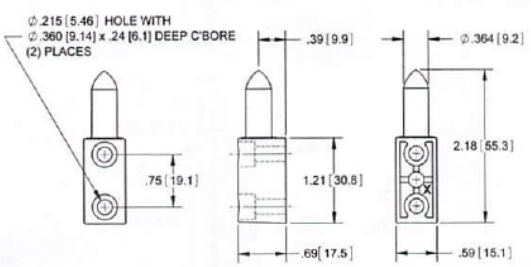


part number: **ML08**
right hand

Part Number	Description	Material	Finish
ML07	left hand	die cast zinc	matte black powder coat
ML08	right hand	die cast zinc	matte black powder coat

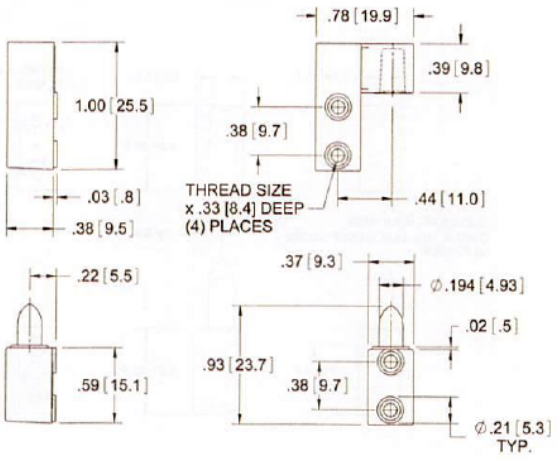
- includes Delrin washer
- (2) rubber caps (part no. **ML30-C**)
- only female leaf has through holes





Mini 1.00 [25.4] Offset Lift-off Hinges

Part Number	Description	Material	Finish	Thread Size
ML45	left hand	die cast zinc	matte black powder coat	6-32
ML45-01	left hand	die cast zinc	matte black powder coat	M4 x .7
ML46	right hand	die cast zinc	matte black powder coat	6-32
ML46-01	right hand	die cast zinc	matte black powder coat	M4 x .7





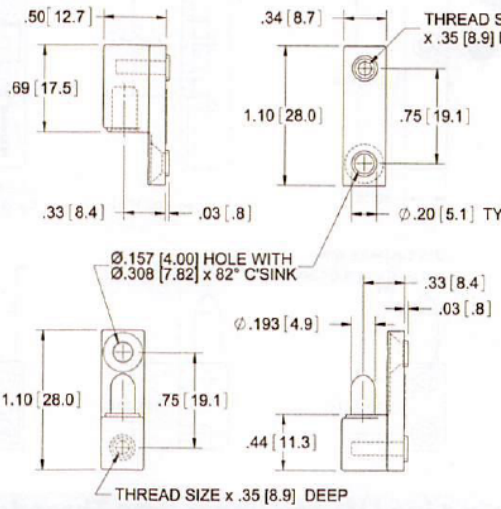
part number: **ML45**
left hand



part number: **ML46**
right hand

Mini 1.13 [28.6] In-Line Lift-off Hinges

Part Number	Material	Finish	Thread Size
ML42	die cast zinc	matte black powder coat	6-32
ML42-01	die cast zinc	matte black powder coat	M4 x .7

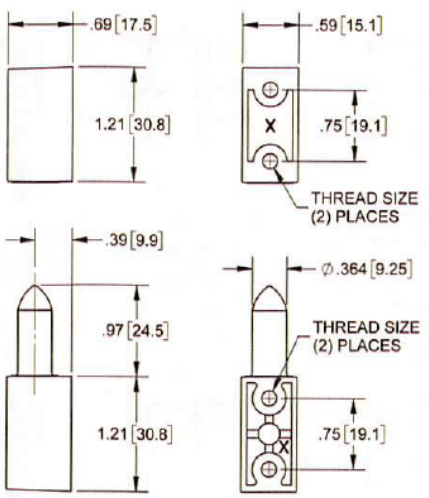




2.50 [63.5] Lift-off Hinges

Part Number	Material	Finish	Thread Size
ML02	die cast zinc	matte black powder coat	10-32
ML02-02	die cast zinc	matte black powder coat	M5
ML02-02SS	304SS	passivated	M5
ML02-03	die cast zinc	matte black powder coat	Ø.172 plain holes

- includes Delrin washer
- **ML02** components may be purchased separately
- gaskets available separately as part no. **ML02G**



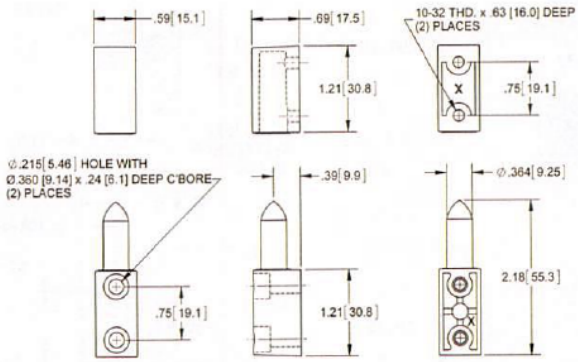


2.50 [63.5] Lift-off Hinges with Through Holes



Part Number	Material	Finish	Caps
ML32	die cast zinc	matte black powder coat	yes
ML32-01	die cast zinc	matte black powder coat	no

- includes Delrin washer
- (2) rubber caps (part no. **ML30-C**)
- only female leaf has through holes



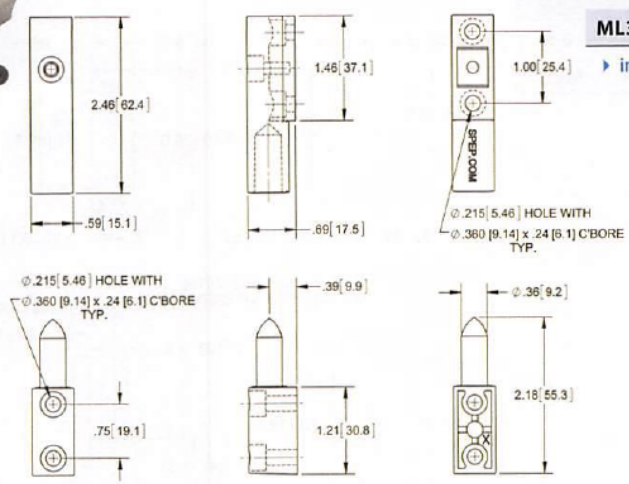
3.72 [94.4] Adjustable In-Line Lift-off Hinges with Caps and Through Holes

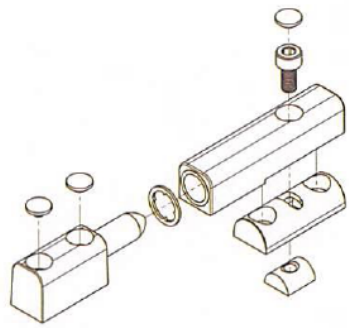
316SS



Part Number	Material	Finish
ML35	die cast zinc	matte black powder coat
ML35SST	316SS	brushed

- includes Delrin washer



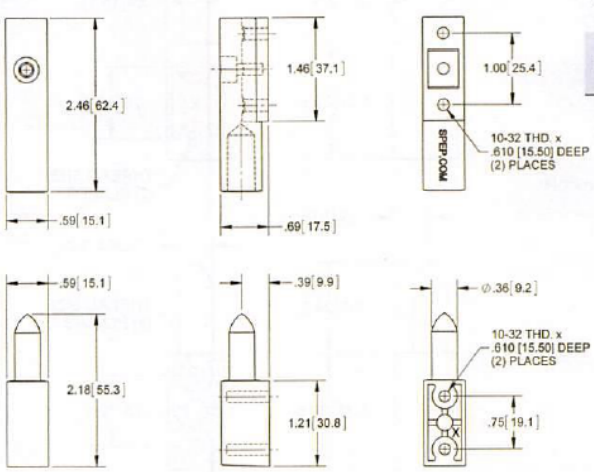


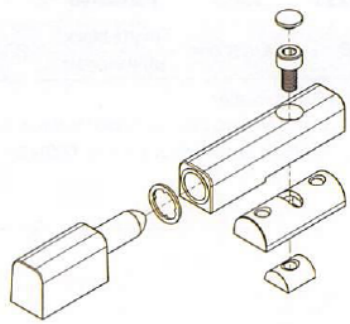
3.72 [94.4] Adjustable In-Line Lift-off Hinges with Threaded Holes



Part Number	Material	Finish	Thread Size
ML36	die cast zinc	matte black powder coat	10-32
ML37	die cast zinc	matte black powder coat	M5

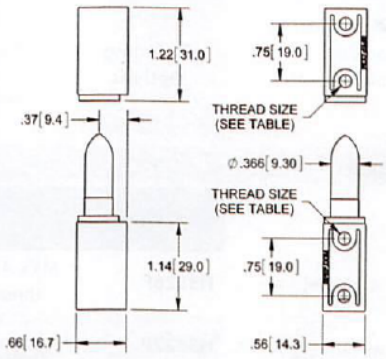
- includes Delrin washer





2.44 [62.0] Plastic Lift-off Hinges with Threaded Holes

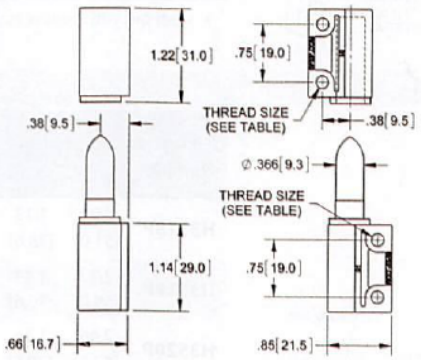
Part Number	Thread Size	Material	Finish
ML21P	M5	glass reinforced nylon	black
ML21P-01	10-24	glass reinforced nylon	black





2.44 [62.0] Plastic Offset Lift-off Hinges with Threaded Holes

Part Number	Description	Thread Size	Material	Finish
ML22P	left hand	M5	glass reinforced nylon	black
ML23P	right hand	M5	glass reinforced nylon	black
ML22P-01	left hand	10-24	glass reinforced nylon	black
ML23P-01	right hand	10-24	glass reinforced nylon	black





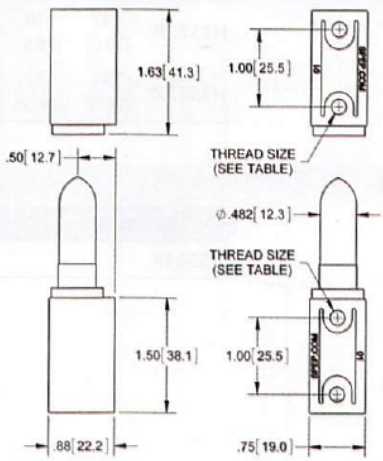
part number: **ML23P**
right hand



part number: **ML22P**
left hand

3.25 [82.6] Plastic Lift-off Hinges with Threaded Holes

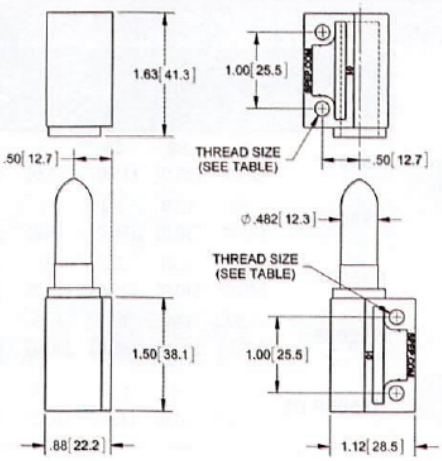
Part Number	Thread Size	Material	Finish
ML26P	M6	glass reinforced nylon	black
ML26P-01	1/4-20	glass reinforced nylon	black





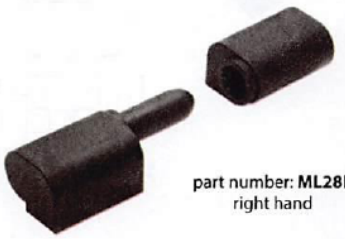
3.25 [82.6] Plastic Offset Lift-off Hinges with Threaded Holes

Part Number	Description	Thread Size	Material	Finish
ML27P	left hand	M6	glass reinforced nylon	black
ML28P	right hand	M6	glass reinforced nylon	black
ML27P-01	left hand	1/4-20	glass reinforced nylon	black
ML28P-01	right hand	1/4-20	glass reinforced nylon	black





part number: **ML27P**
left hand



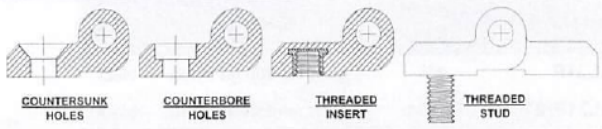
part number: **ML28P**
right hand

Plastic Hinges UV

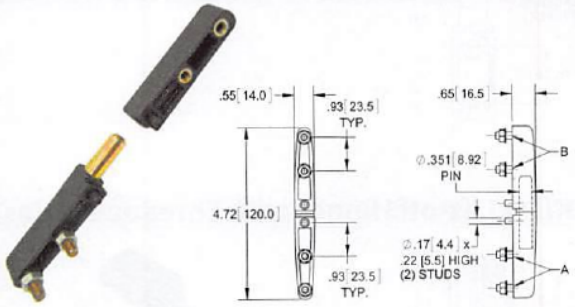
Plastic Hinges Through Page 295

- include 304SS pins unless otherwise specified
- some include threaded studs and/or inserts that are either brass or nickel plated steel
- include UV stabilizers

Fastening Options



4.72 [120.0] Plastic Lift-off Hinges

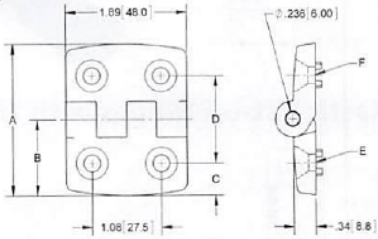


Part Number	A	B	Radial Working Load (lb)	Axial Working Load (lb)
H3526P	M5 x .47 [12.0] long threaded studs	M5 x .47 [12.0] long threaded studs	200	110
H3527P	M5 threaded inserts	M5 threaded inserts	200	110
H3528P	M5 threaded inserts	M5 x .47 [12.0] long threaded studs	200	110

- steel pin with yellow zinc plated finish
- includes mounting screws

Plastic Hinges

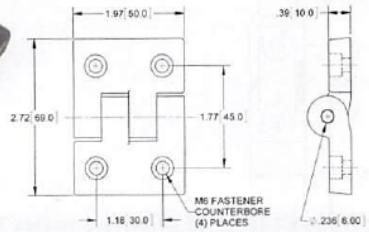




Part Number	A	B	C	D	E	F	Radial Working Load (lb)	Axial Working Load (lb)
H3518P	2.01 [51.0]	1.13 [28.6]	.41 [10.4]	1.14 [29.0]	**M4** fastener countersinks	**M4** fastener countersinks	200	150
H3519P	2.32 [59.0]	1.44 [36.6]	.41 [10.4]	1.38 [35.0]	**M4** fastener countersinks	**M6** fastener countersinks	200	170
H3520P	2.46 [67.5]	1.16 [29.5]	.49 [12.5]	1.57 [40.0]	**M4** fastener countersinks	**M6** fastener countersinks	200	150
H3521P	1.69 [43.0]	.81 [20.6]	.41 [10.4]	.95 [24.0]	**M4** fastener countersinks	**M4** fastener countersinks	200	170
H3522P	2.32 [59.0]	1.16 [29.5	.49 [12.5]	1.34 [34.0]	**M6** fastener countersinks	**M6** fastener countersinks	200	150
H3523P	2.99 [76.0]	1.50 [38.0]	.59 [15.0]	1.81 [46.0]	**M6** fastener countersinks	**M6** fastener countersinks	200	150

Plastic Hinge with Counterbores

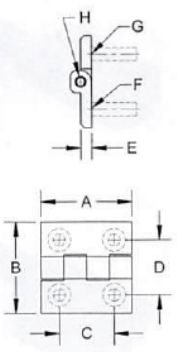




Part Number	Radial Working Load (lb)	Axial Working Load (lb)
H3504P	200	120

Plastic Hinges



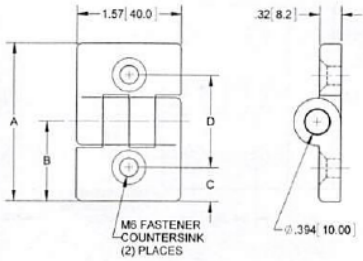


Part Number	A	B	C	D	E	F	G	H	Radial Working Load (lb)	Axial Working Load (lb)
H3500P	.98 [25.0]	.98 [25.0]	.59 [15.0]	.59 [15.0]	.12 [3.0]	**M3** fastener countersinks	**M3** fastener countersinks	Ø.118 [3.00]	50	40
H3501P	.98 [25.0]	1.18 [30.0]	.59 [15.0]	.71 [18.0]	.12 [3.0]	**M4** fastener countersinks	**M4** fastener countersinks	Ø.118 [3.00]	50	35
H3502P	1.58 [40.0]	1.58 [40.0]	.98 [25.0]	.98 [25.0]	.20 [5.0]	**M5** fastener countersinks	**M5** fastener countersinks	Ø.157 [4.00]	120	70
H3503P	1.97 [50.0]	1.97 [50.0]	1.18 [30.0]	1.18 [30.0]	.24 [6.0]	**M6** fastener countersinks	**M6** fastener countersinks	Ø.236 [6.00]	150	90
H3503P-01	1.97 [50.0]	1.97 [50.0]	1.18 [30.0]	1.18 [30.0]	.24 [6.0]	**M6** x .59 [15.0] long threaded studs	**M6** x .59 [15.0] long threaded studs	Ø.236 [6.00]	150	100

Plastic Hinges

Part Number	A	B	C	D	Radial Working Load (lb)	Axial Working Load (lb)
H3512P	2.34 [59.5]	1.18 [30.0]	.49 [12.5]	1.38 [35.0]	150	80
H3513P	2.58 [65.5]	1.16 [29.5]	.49 [12.5]	1.57 [40.0]	150	65
H3514P	2.95 [75.0]	1.26 [32.0]	.51 [13.0]	1.69 [43.0]	150	60
H3515P	2.83 [72.0]	1.42 [36.0]	.51 [13.0]	1.81 [46.0]	150	65
H3516P	3.54 [90.0]	1.77 [45.0]	.78 [19.7]	1.99 [50.6]	150	60
H3517P	3.19 [81.0]	1.42 [36.0]	.51 [13.0]	1.89 [48.0]	150	60

refer to page 292 for material information

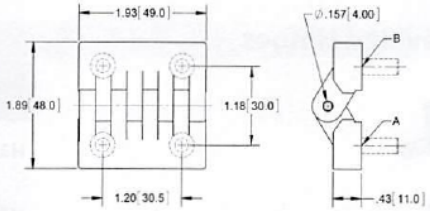




Plastic Hinges

Part Number	A	B	Radial Working Load (lb)	Axial Working Load (lb)
H3511P	**M5** fastener counterbores	**M5** fastener counterbores	250	150
H3511P-01	**M6** x .55 [14.0] long threaded studs	**M6** x .55 [14.0] long threaded studs	250	150
H3511P-02	**M6** threaded inserts	**M6** x .55 [14.0] long threaded studs	250	150
H3511P-03	**M5** fastener counterbores	**M6** x .55 [14.0] long threaded studs	250	150
H3511P-04	**M5** fastener counterbores	**M6** threaded inserts	250	150
H3511P-05	**M6** threaded inserts	**M6** threaded inserts	250	150

refer to page 292 for material information

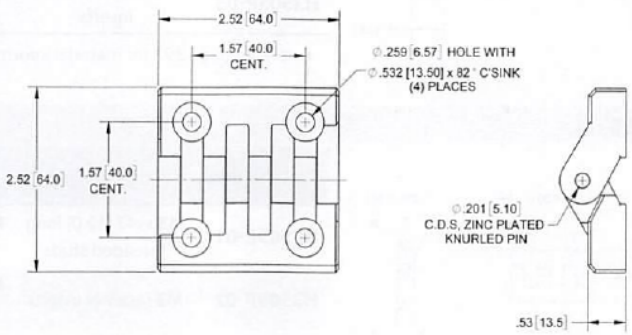




Hinge

Part No.	Material	Finish
H3539P	plastic	matte black

refer to page 292 for material information

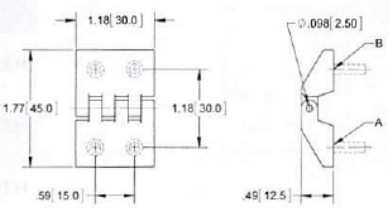




Plastic Beveled Hinges

Part Number	A	B	Radial Working Load (lb)	Axial Working Load (lb)
H3506P	**M4** fastener counterbores	**M4** fastener counterbores	100	100
H3506P-01	**M4** x .47 [12.0] long threaded studs	**M4** x .47 [12.0] long threaded studs	100	100
H3506P-03	**M4** fastener counterbores	**M4** x .47 [12.0] long threaded studs	100	100
H3506P-05	**M4** threaded inserts	**M4** threaded inserts	100	100

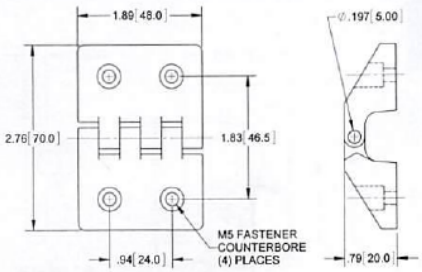
refer to page 292 for material information





Plastic Beveled Hinge with Counterbores



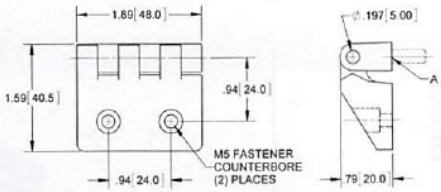


Part Number	Radial Working Load (lb)	Axial Working Load (lb)
H3507P	200	100

refer to page 292 for material information

Plastic Partial Beveled Hinges



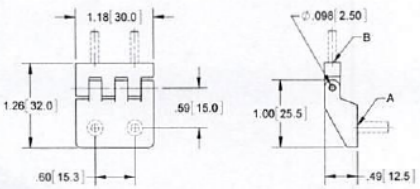


Part Number	A	Radial Working Load (lb)	Axial Working Load (lb)
H3508P-03	**M5** x .51 [13.0] long threaded studs	200	100
H3508P-04	**M5** fastener inserts	200	100

refer to page 292 for material information

Plastic Partial Beveled Hinges

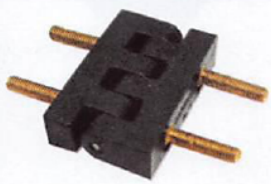


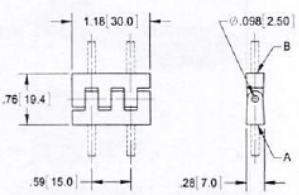


Part Number	A	B	Radial Working Load (lb)	Axial Working Load (lb)
H3505P-01	**M4** x .47 [12.0] long threaded studs	**M3** x .47 [12.0] long threaded studs	100	100
H3505P-02	**M4** threaded inserts	**M3** x .47 [12.0] long threaded studs	100	100
H3505P-03	**M4** fastener counterbores	**M3** x .47 [12.0] long threaded studs	100	100
H3505P-04	**M4** fastener counterbores	**M3** threaded inserts	100	100
H3505P-05	**M4** threaded inserts	**M3** threaded inserts	100	100

refer to page 292 for material information

Plastic 90° Angle Hinges



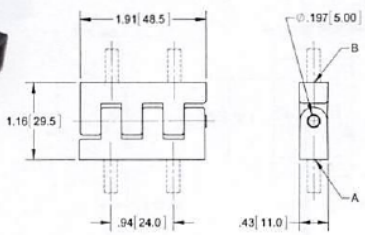


Part Number	A	B	Radial Working Load (lb)	Axial Working Load (lb)
H3509P-01	**M3** x .47 [12.0] long threaded studs	**M3** x .47 [12.0] long threaded studs	100	100
H3509P-02	**M3** fastener inserts	**M3** x .47 [12.0] long threaded studs	100	100
H3509P-05	**M3** fastener inserts	**M3** fastener inserts	100	100

refer to page 292 for material information

Plastic 90° Angle Hinges





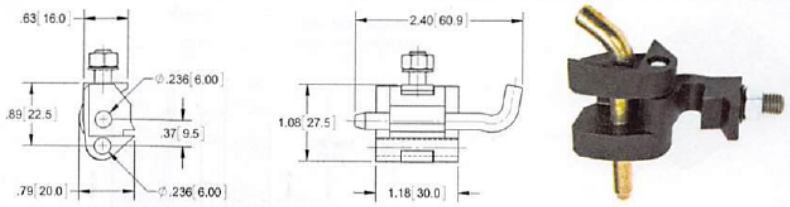
Part Number	A	B	Radial Working Load (lb)	Axial Working Load (lb)
H3510P-01	**M5** x .51 [13.0] long threaded studs	**M5** x .51 [13.0] long threaded studs	200	200
H3510P-02	**M5** threaded inserts	**M5** x .51 [13.0] long threaded studs	200	200
H3510P-05	**M5** threaded inserts	**M5** threaded inserts	200	200

refer to page 292 for material information

Plastic Take-apart Hinge

Part Number	Radial Working Load (lb)	Axial Working Load (lb)	Pin Material and Finish
H3530P	150	25	steel w/ yellow zinc plated finish

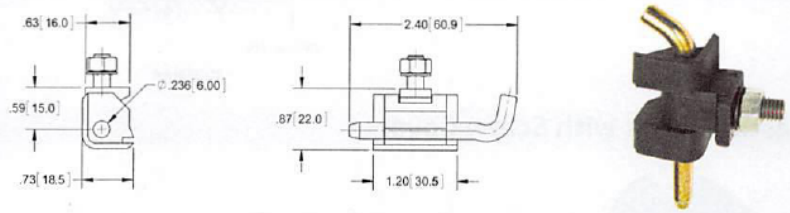
refer to page 292 for material information



Plastic Take-apart Hinge

Part Number	Radial Working Load (lb)	Axial Working Load (lb)	Pin Material and Finish
H3531P	120	150	steel w/ yellow zinc plated finish

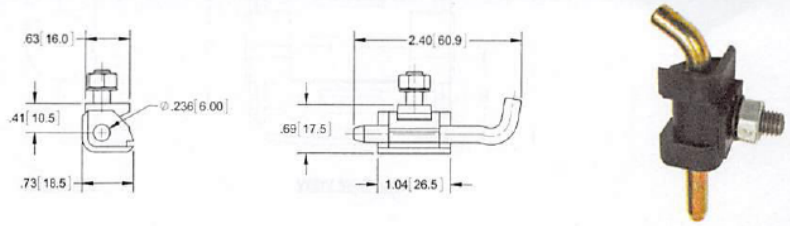
refer to page 292 for material information



Plastic Take-apart Hinge

Part Number	Radial Working Load (lb)	Axial Working Load (lb)	Pin Material and Finish
H3532P	120	150	steel w/ yellow zinc plated finish

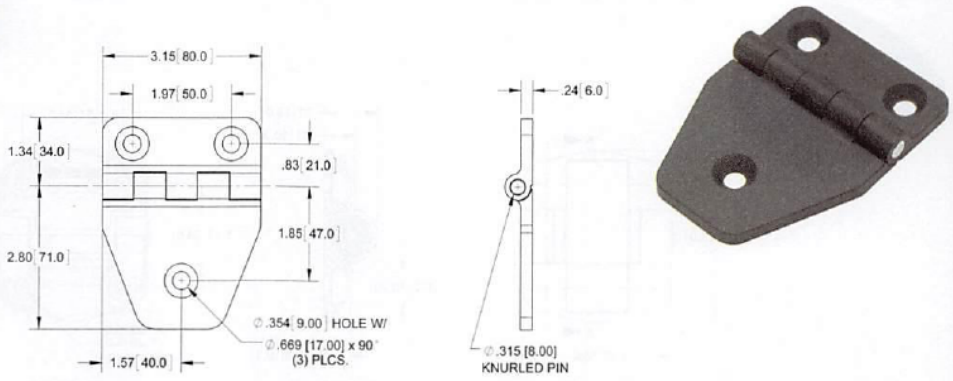
refer to page 292 for material information



Plastic Hinge with Countersunk Holes

Part Number	Material	Finish	Pin
H2229P	plastic	black	steel, zinc plated

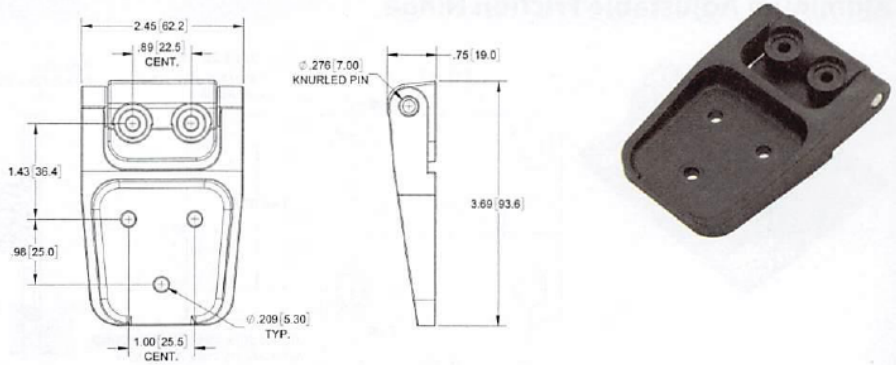
refer to page 292 for material information



Plastic Hinge with Plain Holes

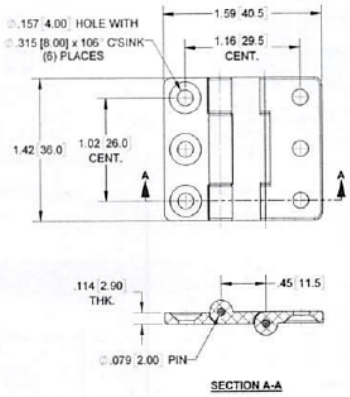
Part Number	Material	Finish	Pin
H2230P	glass reinforced plastic	black textured	steel, zinc plated

refer to page 292 for material information



Plastic Hinge with Double Pin Construction



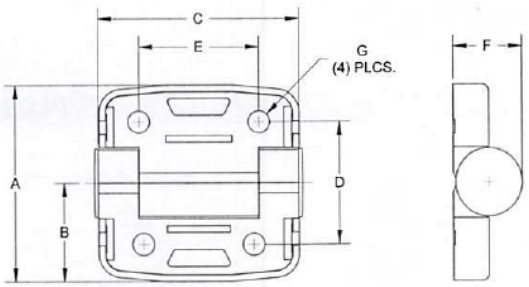


Part No.	Material	Finish
H2284WTP	plastic	white

- steel, zinc plated pins
- double hinged

Plastic Hinges with Screw Covers





Part No.	A	B	C	D	E	F	G
H2232P-01	2.28 [58.0]	1.14 [29.0]	2.36 [60.0]	1.42 [36.0]	1.42 [36.0]	.82 [20.8]	Ø .256 [6.50]
H2232P-02	1.61 [41.0]	.81 [20.5]	1.69 [43.0]	.98 [25.0]	.95 [24.0]	.57 [14.5]	Ø .177 [4.50]

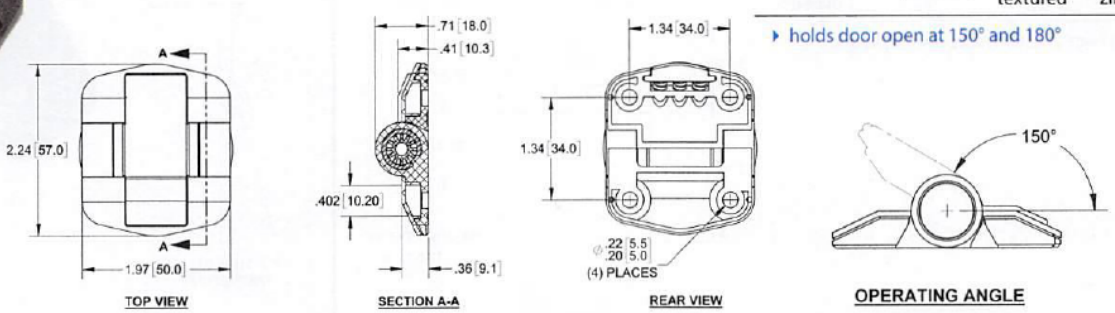
- material: plastic
- finish: black

Plastic Door Positioning Hinge

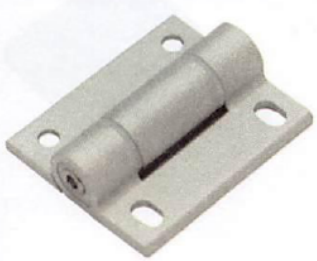


Part Number	Material	Finish	Pin
H2231P	plastic	black textured	steel, zinc plated

- holds door open at 150° and 180°

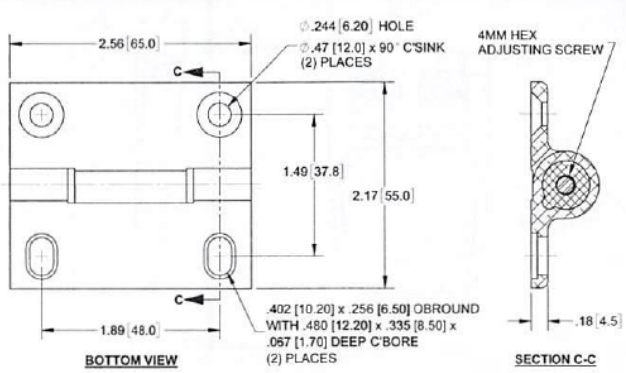


Aluminum Adjustable Friction Hinge

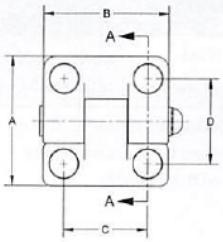


Part Number	Material	Finish
H2217	aluminum	brushed

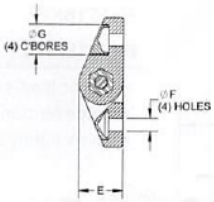
- 304SS adjusting screw



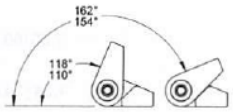
PAT. Plastic Adjustable Friction Hinges



TOP VIEW



SECTION A-A



FH150BKP10 • ONLY — ALL OTHER PLASTIC HINGES

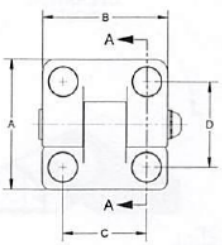

Patented

Part Number	Color	Dimensions							Max Prevailing Torque	Radial Tensile Load Strength	Axial Load Strength	Recommended Screw Size
		A	B	C	D	E	F	G				
FH100BKP	black	1.45 [36.8]	1.78 [45.2]	1.25 [31.8]	1.00 [25.4]	.52 [13.2]	Ø.167 [4.24]	Ø.365 [9.27]	7 in lb.	working 100 lb. ultimate 400 lb.	working 80 lb. ultimate 200 lb.	#8 round head screw
FH100WTP	white											
FH150BKP	black	2.04 [51.8]	2.00 [50.8]	1.34 [34.0]	1.34 [34.0]	.70 [17.8]	Ø.205 [5.21]	Ø.475 [12.07]	25 in lb.	working 100 lb. ultimate 575 lb.	working 100 lb. ultimate 400 lb.	#10 round or pan head screw
FH150WTP	white											
FH150BKP10 •	black											
FH200BKP	black	2.255 [57.2]	2.70 [68.6]	1.88 [47.8]	1.50 [38.1]	.78 [19.8]	Ø.265 [6.73]	Ø.575 [14.61]	35 in lb.	working 150 lb. ultimate 700 lb.	working 120 lb. ultimate 450 lb.	1/4" round or pan head screw
FH200WTP	white											

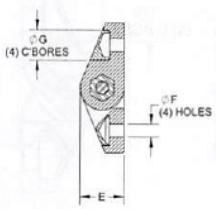
- plastic leaves with 300 series stainless steel components
- hinge tension can be set by adjusting screw
- finish: lightly textured matte finish

• based on a 180° flat surface installation, part number **FH150BKP10** has an operating angle rotation of 110°/118°. All other hinges are 154°/162°.

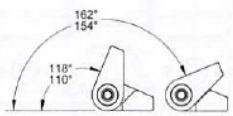
PAT. Non-Friction Plastic Hinges



TOP VIEW



SECTION A-A



FH150BKP10 • ONLY — ALL OTHER PLASTIC HINGES


Patented

Part Number	Color	Dimensions							Radial Tensile Load Strength	Axial Load Strength	Recommended Screw Size
		A	B	C	D	E	F	G			
H1100BK	black	1.45 [36.8]	1.78 [45.2]	1.25 [31.8]	1.00 [25.4]	.52 [13.2]	Ø.167 [4.24]	Ø.365 [9.27]	working 100 lb. ultimate 400 lb.	working 80 lb. ultimate 200 lb.	#8 round head screw
H1100WT	white										

- plastic leaves with 300 series stainless steel components
- finish: lightly textured matte finish

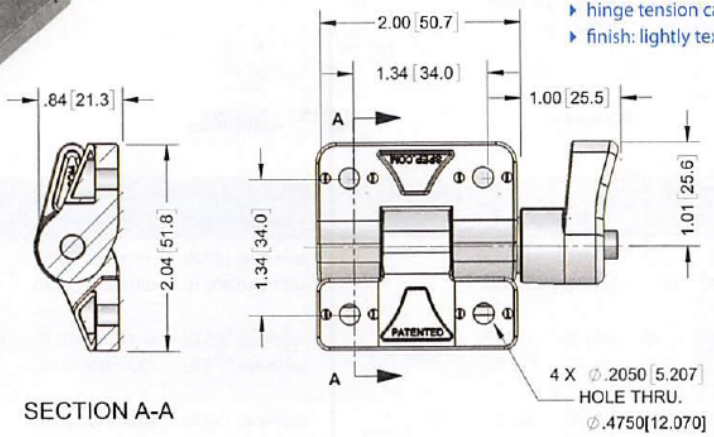
Medium Friction Hinges with Lever

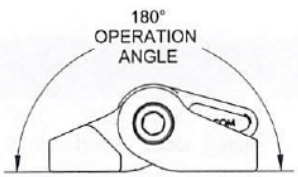
NEW PRODUCT FAMILY



Part Number	Finish	Radial Tensile Load Strength	Axial Load Strength
FH151BKPL	black	working 100 lbs. ultimate 575 lb.	working 100 lbs. ultimate 400 lbs.
FH151WTPL	white		

- plastic leaves with 300 series stainless steel components
- hinge tension can be set by adjusting screw
- finish: lightly textured matte finish

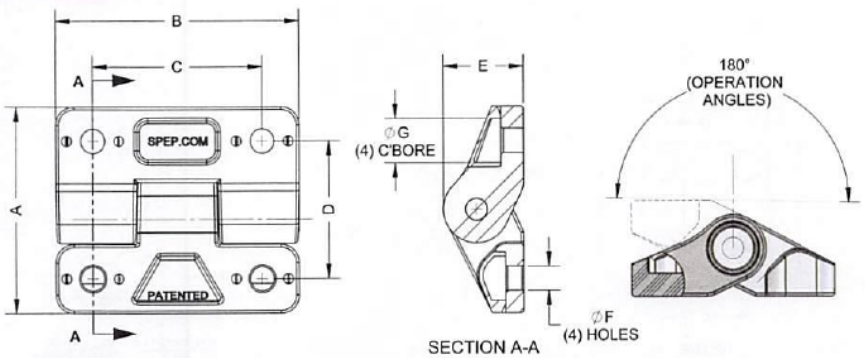




Non-Friction Plastic Hinges

NEW PRODUCT FAMILY





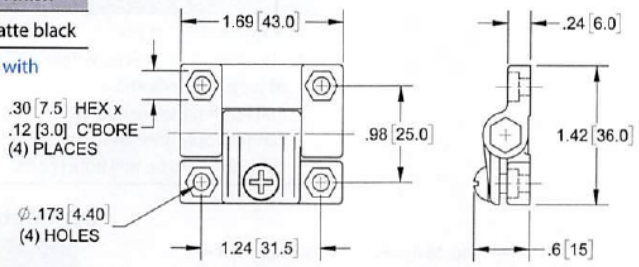
Part Number	Finish	Dimensions							Radial Load Strength	Axial Load Strength	Recommended Screw Size
		A	B	C	D	E	F	G			
H1151BK	black	2.04 [51.8]	2.00 [50.7]	1.34 [34.0]	1.34 [34.0]	0.81 [20.6]	Ø 0.250 [5.21]	Ø 0.475 [12.07]	working 100 lbs. ultimate 575 lbs.	working 100 lbs. ultimate 400 lbs.	#10 round or pan head screw
H1151WT	white										
H1200BK	black	2.25 [57.2]	2.700 [68.6]	1.88 [47.8]	1.50 [38.1]	0.89 [22.5]	Ø 0.265 [6.73]	Ø 0.575 [14.61]	working 150 lbs. ultimate 700 lbs.	working 120 lbs. ultimate 450 lbs.	1/4" round or pan head screw
H1200WT	black										

- plastic leaves with 300 series stainless steel components
- hinge tension can be set by adjusting screw
- finish: lightly textured matte finish

Plastic Adjustable Friction Hinges

Part Number	Material	Finish
FH100BKP50	plastic	matte black

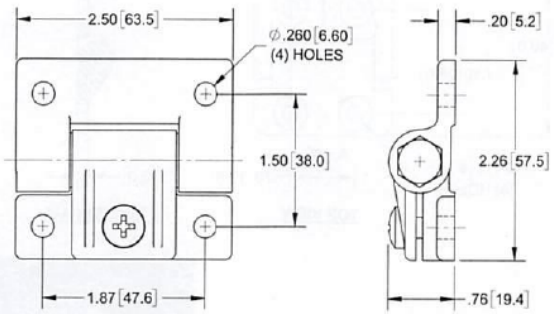
- adjustment screw and nut: 304SS with mill finish





Part Number	Material	Finish
FH200BKP50	plastic	matte black

- adjustment screw and nut: 304SS with mill finish





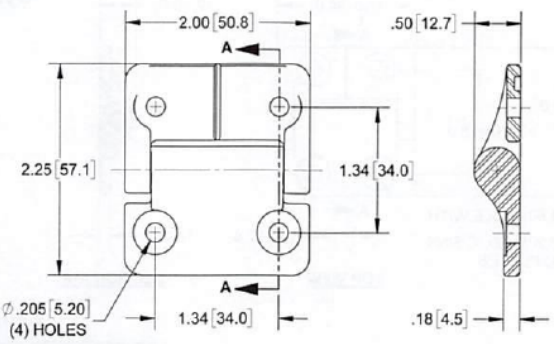
Large Constant Torque Hinges

Features	
material: die cast zinc	radial working load: 35 lbs.
life cycle: 25,000 cycles within ±20% of torque specification	radial ultimate load: 675 lbs.
	axial working load: 35 lbs.
mill finish parts are non-stock	axial ultimate load: 360 lbs.
cannot apply finishes that require curing/baking on mill finish parts	operating tempature range: -4°F - 150°F (-20°C - 65°C)



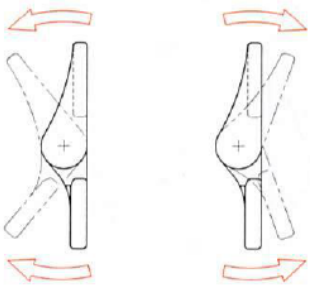
Symmetric Torque with Plain Holes

Finish		Torque in - LBF[Nm]
Mill	Black	
CT501	CT501BK	0.0 [0.0]
CT502	CT502BK	8.0 [0.9]
CT503	CT503BK	15.9 [1.8]
CT504	CT504BK	20.4 [2.3]
CT505	CT505BK	30.1 [3.4]



Asymmetric Torque with Plain Holes

Finish		Closing Torque in - LBF[Nm]	Opening Torque in - LBF[Nm]
Mill	Black		
CT510	CT510BK	20.4 [2.3]	12.4 [1.4]
CT520	CT520BK	30.1 [3.4]	17.7 [2.0]
CT530	CT530BK	39.8 [4.5]	23.9 [2.7]
CT540	CT540BK	12.4 [1.4]	20.4 [2.3]
CT550	CT550BK	17.7 [2.0]	30.1 [3.4]
CT560	CT560BK	23.9 [2.7]	39.8 [4.5]



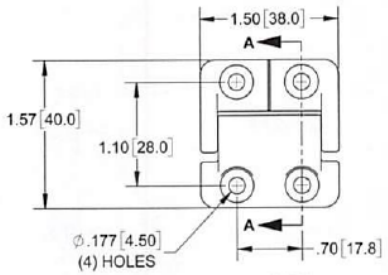
no need for any adjustment

Medium Constant Torque Hinges

Features

- material: die cast zinc
- life cycle: 25,000 cycles within ±20% of torque specification
- mill finish parts are non-stock
- cannot apply finishes that require curing/baking on mill finish parts
- radial working load: 35 lbs.
- radial ultimate load: 675 lbs.
- axial working load: 35 lbs.
- axial ultimate load: 360 lbs.
- operating tempature range: -4°F - 150°F (-20°C - 65°C)





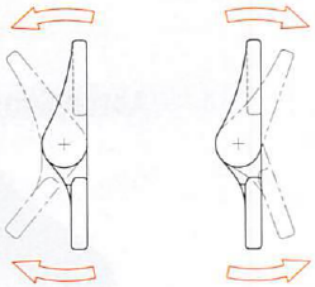
TOP VIEW SECTION A-A

Symmetric Torque with Plain Holes

Finish		Torque in - LBF[Nm]
Mill	Black	
CT001	CT001BK	0.0 [0.0]
CT002	CT002BK	8.0 [0.9]
CT003	CT003BK	12.4 [1.4]
CT004	CT004BK	15.9 [1.8]
CT005	CT005BK	20.4 [2.3]
CT006	CT006BK	23.9 [2.7]

Asymmetric Torque with Plain Holes

no need for any adjustment

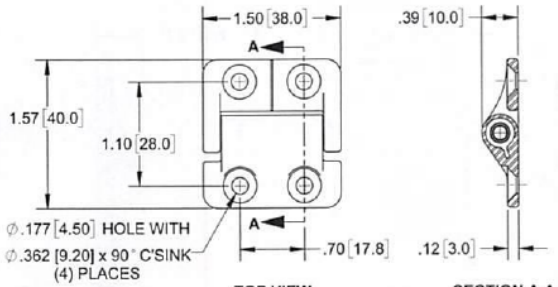


CLOSING ROTATION OPENING ROTATION

Finish		Closing Torque in - LBF[Nm]	Opening Torque in - LBF[Nm]
Mill	Black		
CT010	CT010BK	12.4 [1.4]	7.1 [0.8]
CT020	CT020BK	15.9 [1.8]	9.7 [1.1]
CT030	CT030BK	20.4 [2.3]	12.4 [1.4]
CT040	CT040BK	23.9 [2.7]	14.2 [1.6]
CT050	CT050BK	30.1 [3.4]	17.7 [2.0]
CT060	CT060BK	7.1 [0.8]	12.4 [1.4]
CT070	CT070BK	9.7 [1.1]	15.9 [1.8]
CT080	CT080BK	12.4 [1.4]	20.4 [2.3]
CT090	CT090BK	14.2 [1.6]	23.9 [2.7]
CT095	CT095BK	17.7 [2.0]	30.1 [3.4]

Symmetric Torque with Countersunk Holes



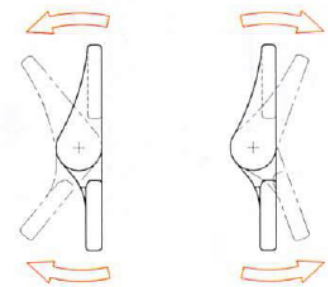


TOP VIEW SECTION A-A

Finish		Torque in - LBF[Nm]
Mill	Black	
CT101	CT101BK	0.0 [0.0]
CT102	CT102BK	8.0 [0.9]
CT103	CT103BK	12.4 [1.4]
CT104	CT104BK	15.9 [1.8]
CT105	CT105BK	20.4 [2.3]
CT106	CT106BK	23.9 [2.7]

Asymmetric Torque with Countersunk Holes

no need for any adjustment



CLOSING ROTATION OPENING ROTATION

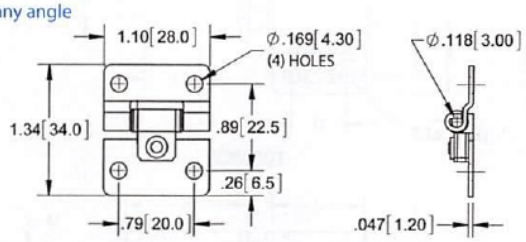
Finish		Closing Torque in - LBF[Nm]	Opening Torque in - LBF[Nm]
Mill	Black		
CT110	CT110BK	12.4 [1.4]	7.1 [0.8]
CT120	CT120BK	15.9 [1.8]	9.7 [1.1]
CT130	CT130BK	20.4 [2.3]	12.4 [1.4]
CT140	CT140BK	23.9 [2.7]	14.2 [1.6]
CT150	CT150BK	30.1 [3.4]	17.7 [2.0]
CT160	CT160BK	7.1 [0.8]	12.4 [1.4]
CT170	CT170BK	9.7 [1.1]	15.9 [1.8]
CT180	CT180BK	12.4 [1.4]	20.4 [2.3]
CT190	CT190BK	14.2 [1.6]	23.9 [2.7]
CT195	CT195BK	17.7 [2.0]	30.1 [3.4]

Small Stainless Steel Friction Hinge

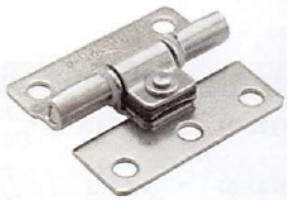
Part Number	Material	Finish	Torque Range
FH010SS	304SS	barrel polished	3.0 - 3.9 in lbs.

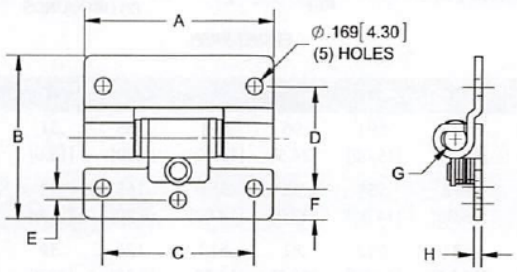
- provides constant resistance to keep hinge open at any angle





Large Stainless Steel Friction Hinge





Part Number	Torque Range	A	B	C	D	E	F	G	H
FH0150SS	6.1 - 7.9 in lbs.	1.57 [40.0]	1.38 [35.0]	1.181 [30.00]	.984 [25.00]	.000 [0.00]	.20 [5.0]	Ø.157 [4.00]	.047 [1.20]
FH0125SS	12.1 - 15.6 in lbs.	1.97 [50.0]	1.67 [42.5]	1.575 [40.00]	1.043 [26.50]	.118 [3.00]	.32 [8.00]	Ø.236 [6.00]	.079 [2.00]

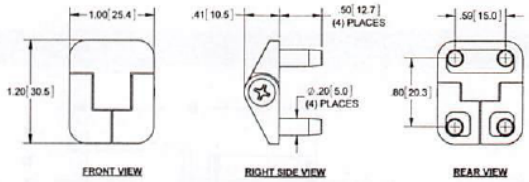
- material: 304SS
- finish: barrel polished
- provides constant resistance to keep hinge open at any angle

Small Plastic Friction Hinges

Part Number	Color	Material	Finish
FH050BK	black	glass reinforced plastic	lightly textured
FH050WT	white		

- radial tensile strength working load: 80 lbs.
- axial strength working load: 80 lbs.
- includes (4) self-tapping mounting nuts





Mini Plastic Friction Hinges

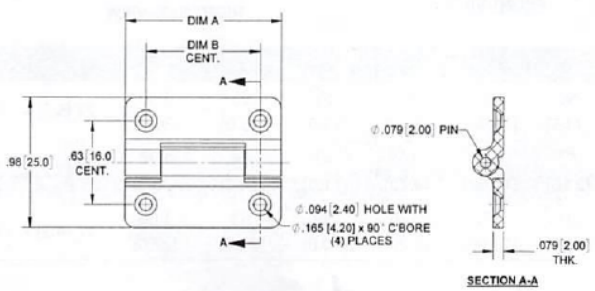
Part Number	Material	Finish	Torque LBF-FT (N-m)	Dim A	Dim B
FH005BK	plastic	black	.059 ± .015 [.08 ±.02]	0.79 [20.0]	.047 [12.0]
FH005WT	plastic	white	.059 ± .015 [.08 ±.02]	0.79 [20.0]	.047 [12.0]
FH006BK	plastic	black	.103 ±.037 [.14 ±.05]	1.18 [30.0]	0.87 [22.0]
FH006WT	plastic	white	.103 ±.037 [.14 ±.05]	1.18 [30.0]	0.87 [22.0]



part no. **FH005WT**

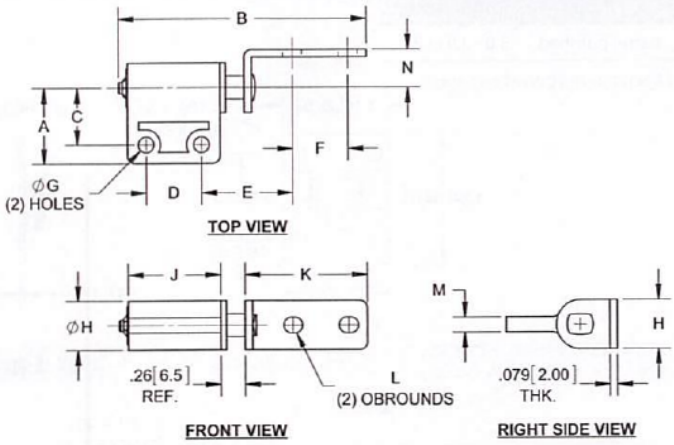


part no. **FH006BK**



Plastic Case Friction Hinges



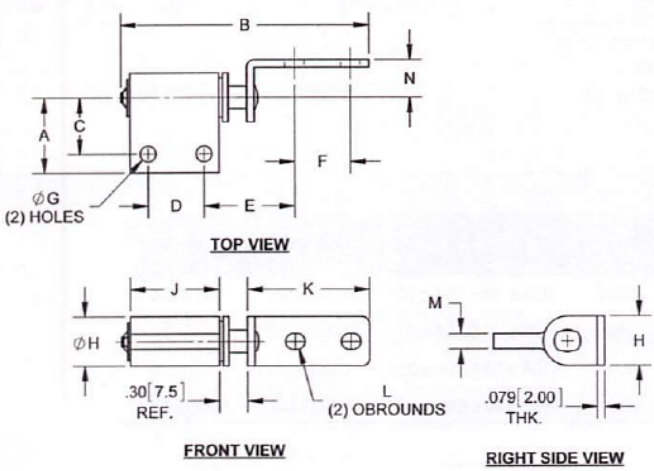


Part Number	Torque (in lbs.)	A	B	C	D	E	F	G	H	J	K	L	M	N
FH122-01	12.1 ±1.8	.79 [20.0]	2.54 [64.5]	.591 [15.00]	.591 [15.00]	.96 [24.5]	.591 [15.00]	.165 [4.20]	.51 [13.0]	.98 [25.0]	1.30 [33.0]	.21 [5.2] x .17 [4.2]	.16 [4.0]	.39 [10.0]
FH122-02	9.5 ±1.3	.71 [18.0]	2.40 [61.0]	.512 [13.00]	.551 [14.00]	.91 [23.0]	.551 [14.00]	.165 [4.20]	.43 [11.0]	.94 [24.0]	1.20 [30.5]	.21 [5.2] x .17 [4.2]	.16 [4.0]	.39 [10.0]
FH122-03	6.1 ±0.9	.59 [15.0]	2.15 [54.5]	.433 [11.00]	.512 [13.00]	.81 [20.5]	.512 [13.00]	.126 [3.20]	.39 [10.0]	.83 [21.0]	1.06 [27.0]	.17 [4.2] x .13 [3.2]	.12 [3.0]	.31 [8.0]
FH122-04	3.0 ±0.4	.43 [11.0]	1.85 [47.0]	.295 [7.50]	.394 [10.00]	.75 [19.0]	.394 [10.00]	.126 [3.20]	.31 [8.0]	.71 [18.0]	.89 [22.5]	.17 [4.2] x .13 [3.2]	.12 [3.0]	.31 [8.0]
FH134-01	12.1 ±1.8	.79 [20.0]	2.63 [66.9]	.591 [15.00]	.591 [15.00]	.96 [24.5]	.591 [15.00]	.165 [4.20]	.51 [13.0]	.98 [25.0]	1.30 [33.0]	.21 [5.2] x .17 [4.2]	.16 [4.0]	.39 [10.0]
FH134-02	9.5 ±1.3	.71 [18.0]	2.48 [63.1]	.512 [13.00]	.551 [14.00]	.91 [23.0]	.551 [14.00]	.165 [4.20]	.43 [11.0]	.94 [24.0]	1.20 [30.5]	.21 [5.2] x .17 [4.2]	.16 [4.0]	.39 [10.0]
FH134-03	6.1 ±0.9	.59 [15.0]	2.22 [56.3]	.433 [11.00]	.512 [13.00]	.81 [20.5]	.512 [13.00]	.126 [3.20]	.39 [10.0]	.83 [21.0]	1.06 [27.0]	.17 [4.2] x .13 [3.2]	.12 [3.0]	.31 [8.0]
FH134-04	3.0 ±0.4	.43 [11.0]	1.92 [48.8]	.295 [7.50]	.394 [10.00]	.75 [19.0]	.394 [10.00]	.126 [3.20]	.31 [8.0]	.71 [18.0]	.89 [22.5]	.17 [4.2] x .13 [3.2]	.12 [3.0]	.31 [8.0]

- material: black plastic case with stainless steel shaft and bracket

Aluminum Case Friction Hinges





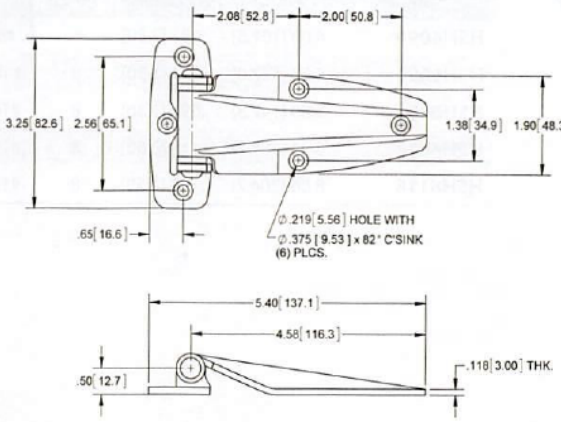
Part Number	Torque (in lbs.)	A	B	C	D	E	F	G	H	J	K	L	M	N
FH144-01	12.1 ±1.8	.79 [20.0]	2.54 [64.5]	.591 [15.00]	.591 [15.00]	.96 [24.5]	.591 [15.00]	.165 [4.20]	.51 [13.0]	.98 [25.0]	1.30 [33.0]	.21 [5.2] x .17 [4.2]	.16 [4.0]	.39 [10.0]
FH144-02	9.5 ±1.3	.71 [18.0]	2.40 [61.0]	.512 [13.00]	.551 [14.00]	.91 [23.0]	.551 [14.00]	.165 [4.20]	.43 [11.0]	.94 [24.0]	1.20 [30.5]	.21 [5.2] x .17 [4.2]	.16 [4.0]	.39 [10.0]
FH144-03	6.1 ±0.9	.59 [15.0]	2.15 [54.5]	.433 [11.00]	.512 [13.00]	.81 [20.5]	.512 [13.00]	.126 [3.20]	.39 [10.0]	.83 [21.0]	1.06 [27.0]	.17 [4.2] x .13 [3.2]	.12 [3.0]	.31 [8.0]

- material: aluminum case with stainless steel shaft and bracket

PAT. Stamped Stainless Steel Flush Hinges

Part Number	Material	Finish
1001SS	304SS	electropolished
1001SSBK	304SS	matte black powder coat

- 304SS pin and washers

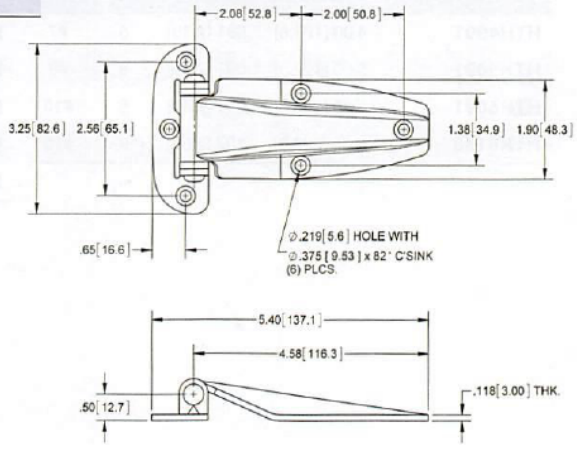


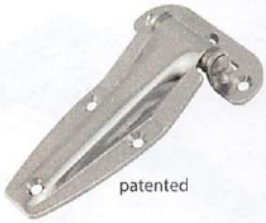


PAT. Stamped Stainless Steel Flush Hinges

Part Number	Material	Finish
1005SS	304SS	electropolished
1005SSBK	304SS	black e-coat

- 304SS pin and washers

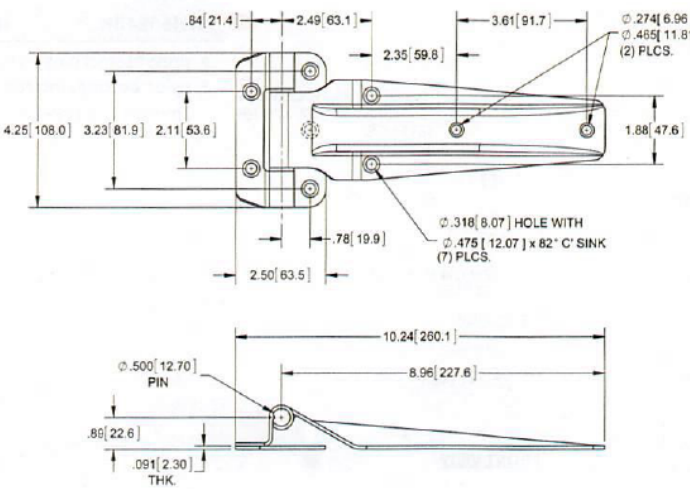


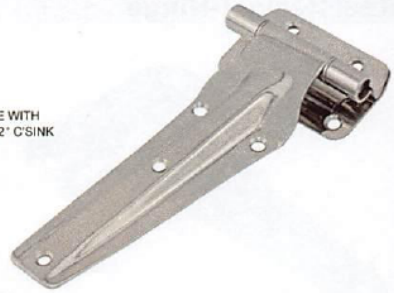


Stamped Stainless Steel Flush Hinge

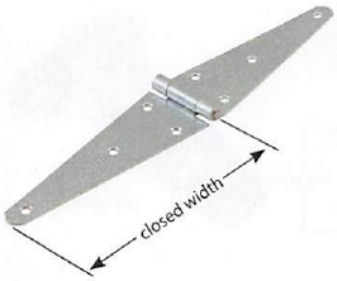
Part Number	Material	Finish
1008SS	304SS	passivated and polished

- 304SS pin and washers





Steel, Zinc Plated Strap Hinges



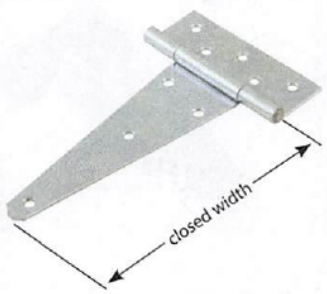
Heavy Strap Hinges

Part Number	Closed Width	Material Thickness	No. of Holes	Screw Size
HSH4091	4.00 [101.6]	.091 [2.30]	6	#8
HSH5091	5.00 [127.0]	.091 [2.30]	8	#10
HSH6091	5.80 [147.3]	.091 [2.30]	8	#10
HSH6012	5.94 [151.0]	.118 [3.00]	8	#10
HSH8118	8.06 [204.7]	.102 [2.59]	8	#10

Light Strap Hinges

Part Number	Closed Width	Material Thickness	No. of Holes	Screw Size
LSH2055	2.00 [50.8]	.055 [1.40]	6	#5
LSH3055	2.94 [74.7]	.055 [1.40]	6	#5
LSH4055	3.88 [98.6]	.055 [1.40]	6	#6
LSH4160	4.04 [102.5]	.059 [1.50]	6	#6
LSH5063	5.00 [127.0]	.071 [1.80]	8	#6
LSH6063	6.00 [152.4]	.060 [1.50]	8	#6
LSH8079	8.13 [206.5]	.079 [2.00]	8	#8

Steel, Zinc Plated T-Hinges



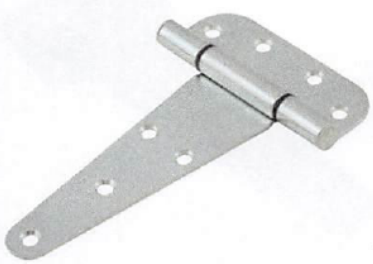
Heavy T-Hinges

Part Number	Closed Width	Material Thickness	No. of Holes	Screw Size
HTH4091	4.00 [101.6]	.091 [2.30]	6	#7
HTH5091	5.00 [127.0]	.091 [2.30]	8	#9
HTH6091	5.85 [148.6]	.091 [2.30]	8	#10
HTH8188	8.00 [203.2]	.102 [2.60]	9	#10

Light T-Hinges

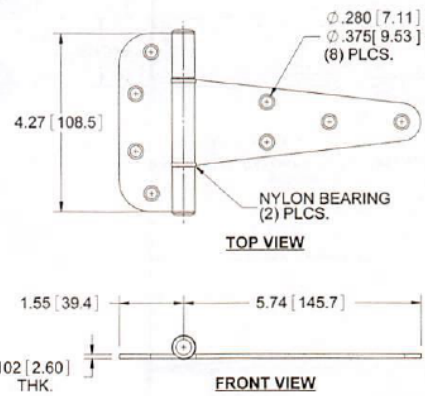
Part Number	Closed Width	Material Thickness	No. of Holes	Screw Size
LTH2055	2.00 [50.8]	.055 [1.40]	6	#6
LTH3055	3.00 [76.2]	.055 [1.40]	6	#6
LTH4055	4.00 [101.6]	.055 [1.40]	6	#6
LTH5063	5.20 [132.1]	.065 [1.65]	7	#6
LTH6063	6.00 [152.4]	.063 [1.60]	7	#7

Steel Heavy T-Hinge



Part Number	Material	Finish
HTH6094	steel	zinc plated
NEW HTH6094BK	steel	black e-coated

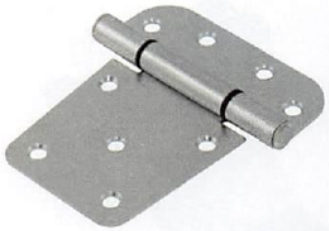
- press fit steel pins on both ends
- nylon bearings increase life expectancy and ensures smooth, quiet operation

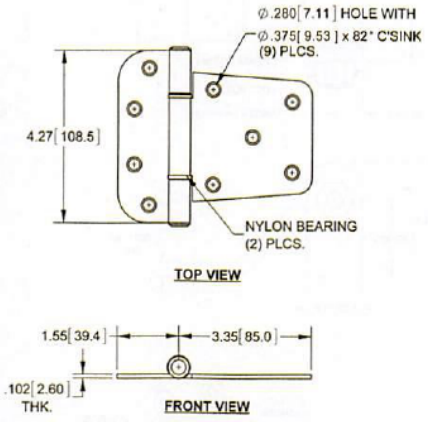


Heavy T-Hinges

Part Number	Material	Finish
HTH3590	steel	zinc plated
HTH3590BK	steel	zinc plated then black powder coated semi-gloss
HTH3590SS	304SS	deburred and passivated

- 304SS pin and washers
- nylon bearings increase life expectancy and ensures smooth, quiet operation



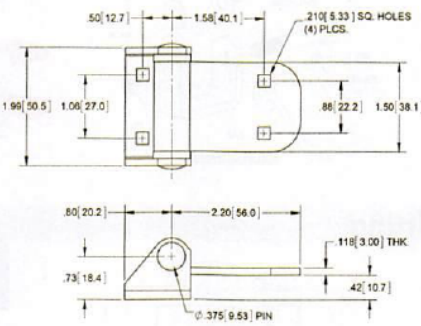


Stainless Steel Offset Strap Hinge

Product Number	Material	Finish
H1043	304SS	electropolished

- 304SS pin and washers

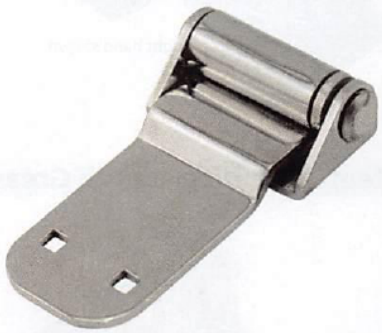


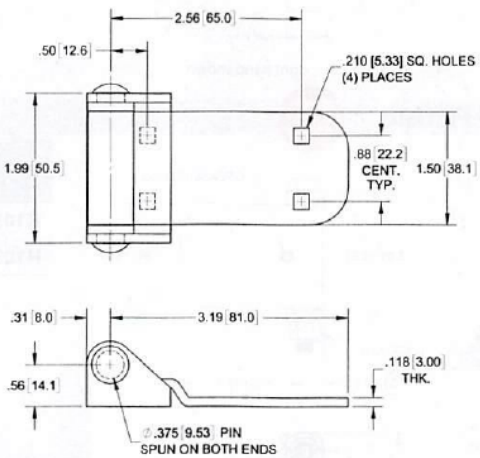


Stainless Steel Offset Strap Hinge

Product Number	Material	Finish
H1081SS	304SS	electropolished

- 304SS pin and washers

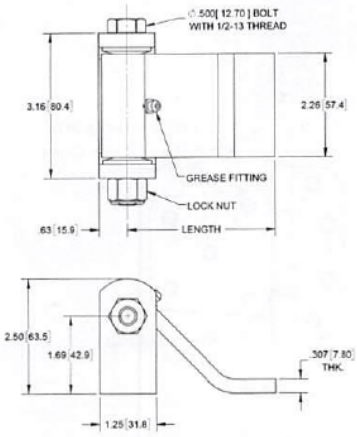




Steel Strap Hinges with Grease Fitting



left hand shown

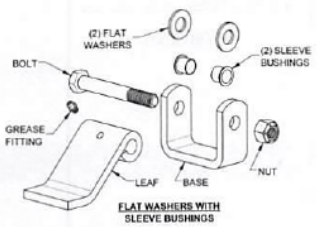


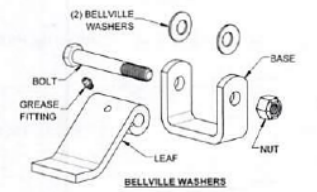
Short Leaf

Part Number	Description	Length	Type of Washers	Finish
H1032LH	left hand	3.28 [83.2]	Belleville	zinc plated
H1032RH	right hand	3.28 [83.2]	Belleville	zinc plated
H1032LH-01	left hand	3.28 [83.2]	Belleville	mill
H1032RH-01	right hand	3.28 [83.2]	Belleville	mill
H1032LH-03	left hand	3.28 [83.2]	flat with bushings	mill
H1032RH-03	right hand	3.28 [83.2]	flat with bushings	mill



left hand shown





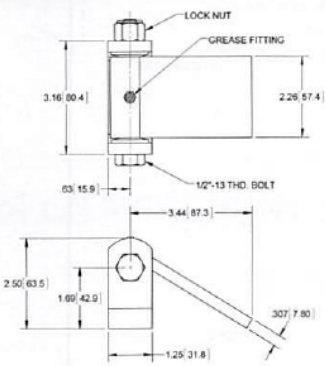
Long Leaf

Part Number	Description	Length	Type of Washers	Finish
H1032LH-10	left hand	5.25 [133.2]	Belleville	mill
H1032RH-10	right hand	5.25 [133.2]	Belleville	mill
NEW **H1032LH-15**	left hand	5.25 [133.2]	flat with bushings	mill
NEW **H1032RH-15**	right hand	5.25 [133.2]	flat with bushings	mill

Steel Strap Hinges with Grease Fitting



right hand shown



right hand shown

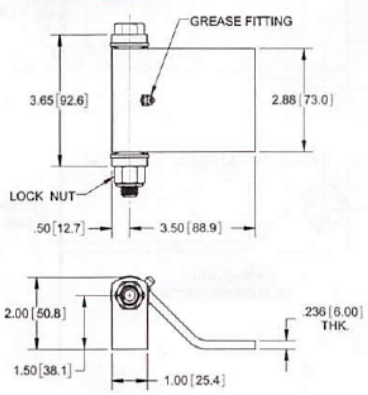
Part No.	Description	Type of Washers	Finish
H1032LH-02	left hand	Belleville	mill
H1032RH-02	right hand	Belleville	mill

Steel Strap Hinges with Grease Fitting

NEW PRODUCT FAMILY



right hand shown

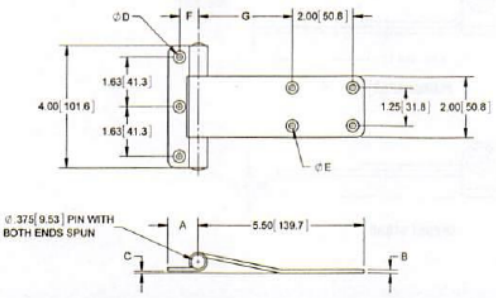


Part No.	Description	Type of Washers	Material	Finish
H1032LH-05	left hand	flat, brass	steel	mill
H1032RH-05	right hand	flat, brass	steel	mill

Stainless Steel Strap Hinges

Part Number	A	B	C	D	E	F	G
H1020	1.00 [25.4]	.120 [3.05]	.062 [1.57]	Ø.196 [5.00] with 82° c'sink	Ø.196 [5.00] with 82° c'sink	.63 [16.0]	3.13 [79.5]
H1021	1.31 [33.3]	.180 [4.57]	.062 [1.57]	Ø.275 [7.00] with 82° c'sink	Ø.275 [7.00] with 82° c'sink	.81 [20.6]	3.19 [81.0]
H1021-01	1.31 [33.3]	.180 [4.57]	flush	Ø.275 [7.00] with no c'sink	Ø.275 [7.00] with no c'sink	.81 [20.6]	3.19 [81.0]

- material: 304SS
- brushed finish





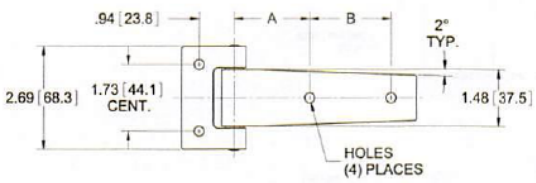
formed leaf with c'sunk holes
part no. **H1020**
part no. **H1021**

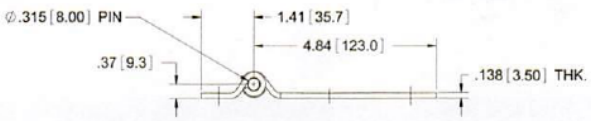


flat leaf with standard holes
part no. **H1021-01**

Stainless Steel Strap Hinges

Part Number	Finish	Material	A	B	Holes
H2035	polished	304SS	2.00 [50.8]	2.17 [55.1]	.252 [6.40] dia.
H2035-01	polished	304SS	1.25 [31.8]	2.92 [74.2]	.264 [6.70] sq.







round holes
part no. **H2035**

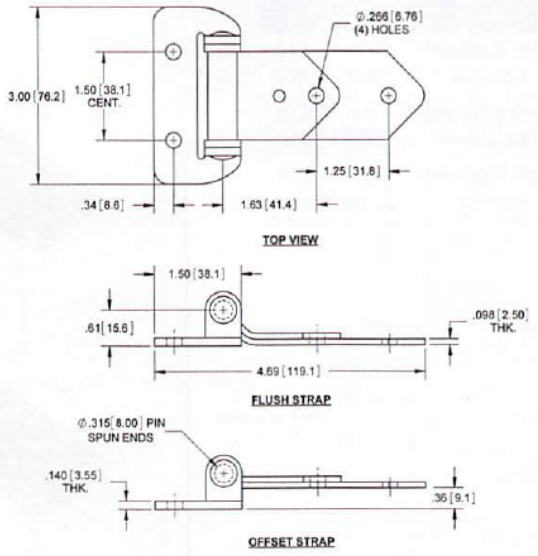


square holes
part no. **H2035-01**

Stainless Steel Strap Hinges





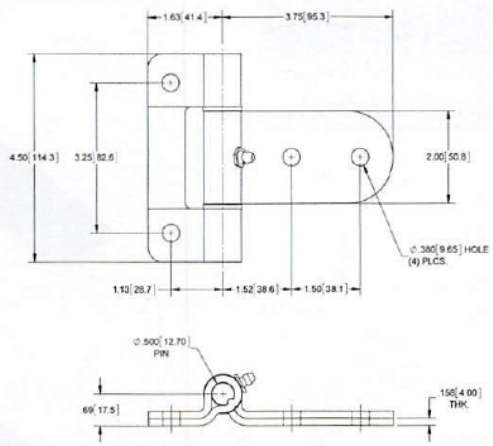


Part Number	Description	Finish
H1034SS-01	flush strap	mirror hand polish
H1034SS-02	offset strap	mirror hand polish

- material: 304SS
- nylon bushings

Steel Strap Hinge with Grease Fitting



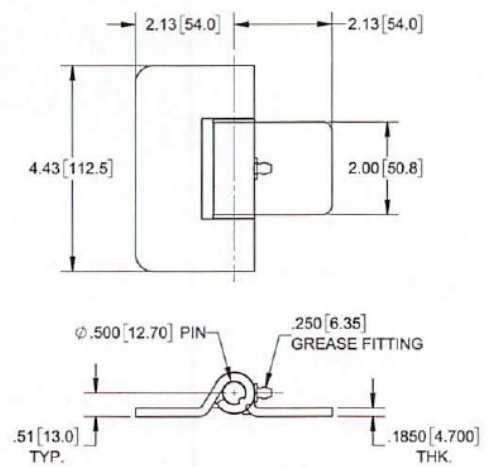


Part Number	Finish	Pin
H1015	zinc plated	non-removable, steel pin

- steel washers

Steel Strap Hinge with Grease Fitting



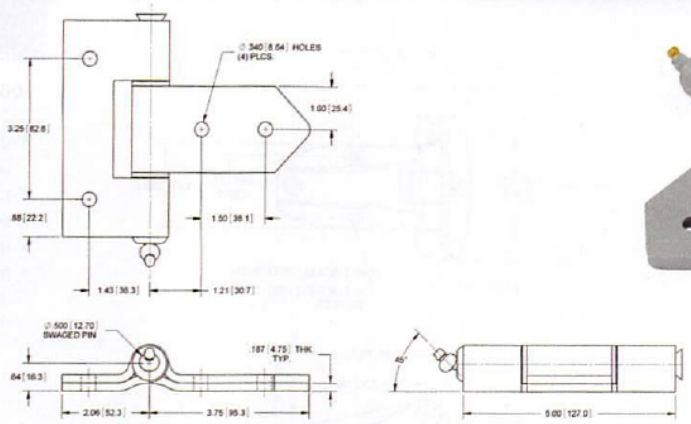


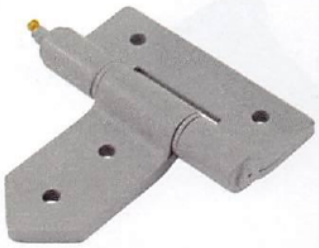
Part Number	Finish	Pin
H3180	zinc plated	non-removable, steel pin

Steel Strap Hinge with Grease Fitting

Part No.	Finish	Pin
H1086LH	gray powder coated	non-removable, brass pin

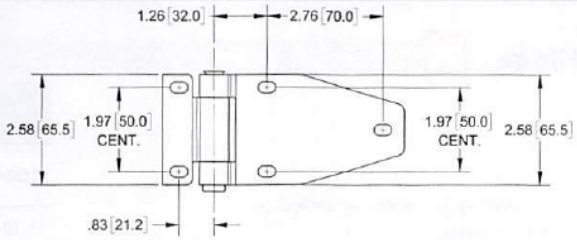
- steel washers

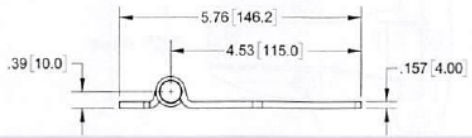




Stainless Steel Strap Hinge

Part Number	Material	Finish
HSH4516SS	304SS	tumbled deburred



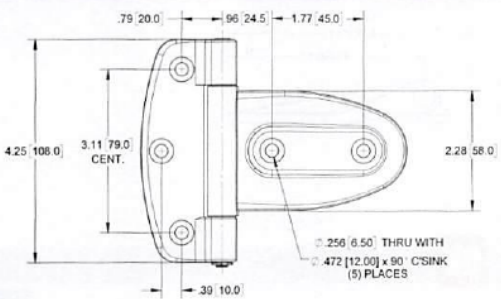


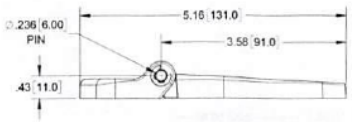


Plastic Strap Hinge

Part No.	Material	Finish
1009P	plastic	matte black

- 304SS pin with passivated finish



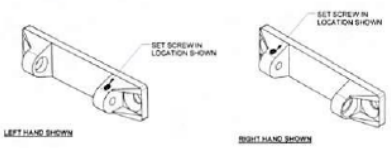


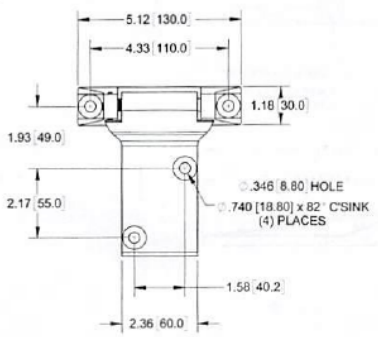


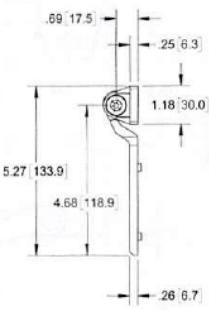
Die Cast Zinc Strap Hinges with Adjustable Offset

Part No.	Material	Description
H2258BK-LH	die cast zinc	left hand
NEW H2258BK-RH	die cast zinc	right hand

- finish: matte black
- stainless steel pin with passivated finish
- eccentric pin allows up/down & lateral in/out hinge adjustement



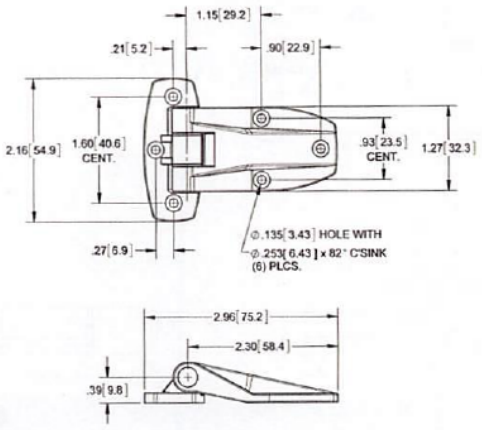






Small Thermoplastic Flush Hinge UV



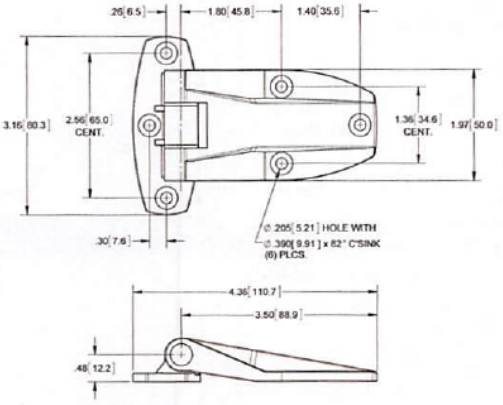


Part Number	Finish	Pin
1004P02	black, smooth	non-removable, glass reinforced thermoplastic

- glass reinforced thermoplastic (weather grade for outdoor exposure)
- rust proof
- self lubricating washers
- reinforced ribs on underside for added strength
- maximum loads:
  - axial: 100 lbs.
  - radial: 200 lbs.

Medium Thermoplastic Flush Hinge UV



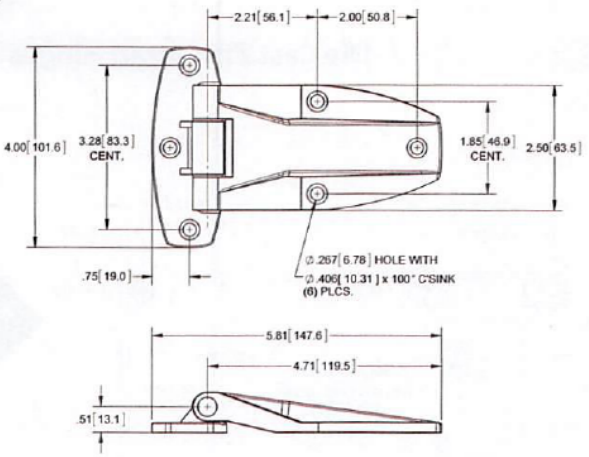


Part Number	Finish	Pin
1004P01	black, smooth	non-removable, glass reinforced thermoplastic

- glass reinforced thermoplastic (weather grade for outdoor exposure)
- rust proof
- self lubricating washers
- reinforced ribs on underside for added strength
- maximum loads:
  - axial: 150 lbs.
  - radial: 300 lbs.

Large Thermoplastic Flush Hinge UV



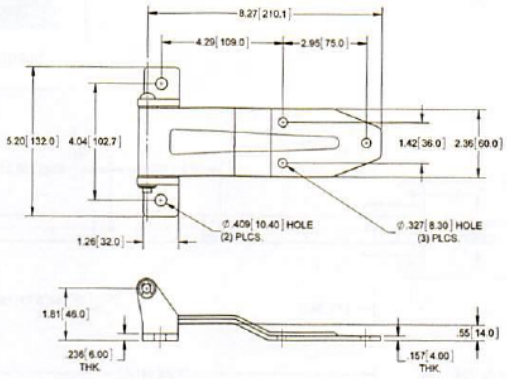


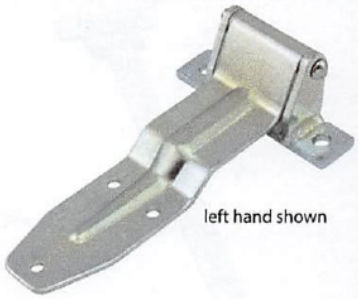
Part Number	Finish	Pin
1004P	black, smooth	non-removable, glass reinforced thermoplastic

- glass reinforced thermoplastic (weather grade for outdoor exposure)
- rust proof
- self lubricating washers
- reinforced ribs on underside for added strength
- maximum loads:
  - axial: 200 lbs.
  - radial: 400 lbs.

Steel Strap Hinges

Part Number	Description	Material	Finish
H1017	left hand	steel	zinc plated
H1018	right hand	steel	zinc plated



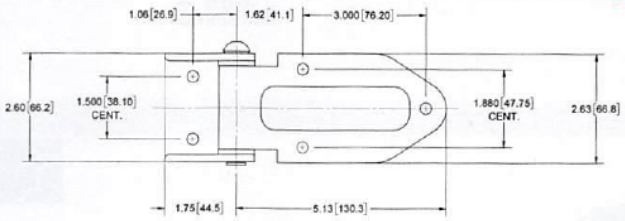


NEW

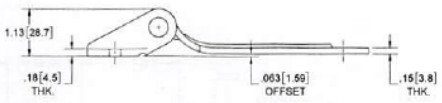
Steel Strap Hinge

Part Number	Material	Finish
H1022	steel	zinc plated

- nylon bushings increase life expectancy and ensures smooth, quiet operation



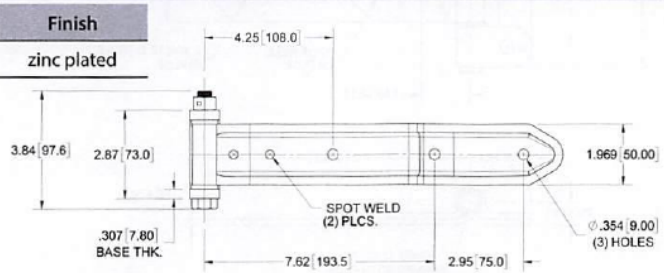




NEW

Strap Hinge

Part Number	Material	Finish
H1088	steel	zinc plated

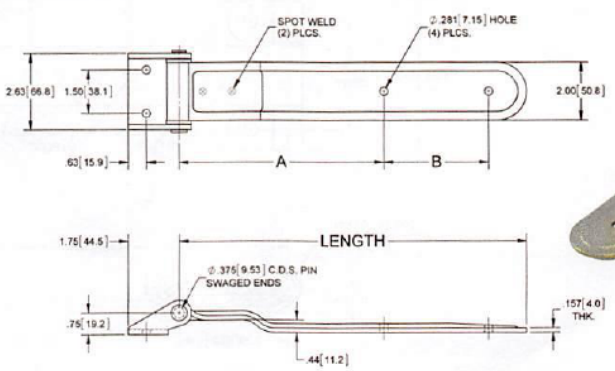




Steel Strap Hinge

Part Number	Finish	A	B	Length
H1082ZN	zinc plated	3.42 [86.9]	3.31 [84.1]	8.00 [203.2]
H1083ZN	zinc plated	7.08 [179.8]	3.63 [92.2]	12.00 [304.8]

- self lubricating plastic bushings

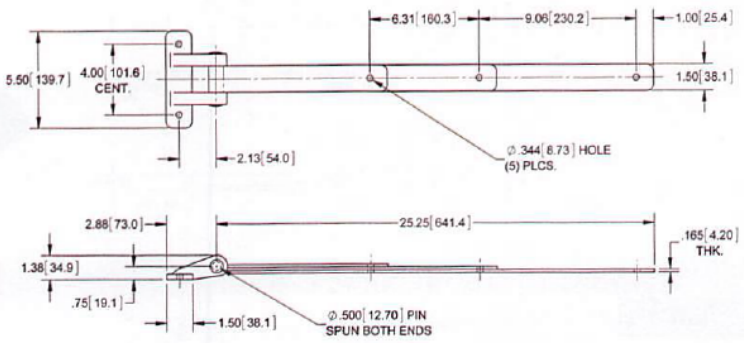




Steel Strap Hinge

Part Number	Material	Finish
H4000	steel strap and pin, cast iron base	clear zinc plated



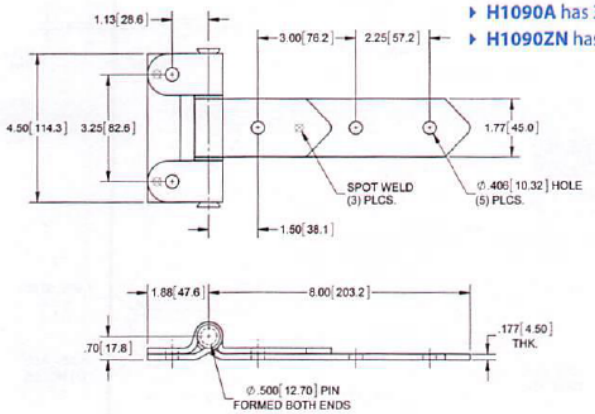


Strap Hinges

Part Number	Material	Finish	Pin
H1090A	aluminum	mill	non-removable, 304SS
H1090ZN	steel	zinc plated	non-removable, steel

- **H1090A** has 304SS washers
- **H1090ZN** has grease fitting

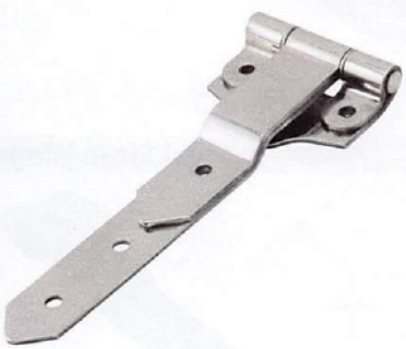


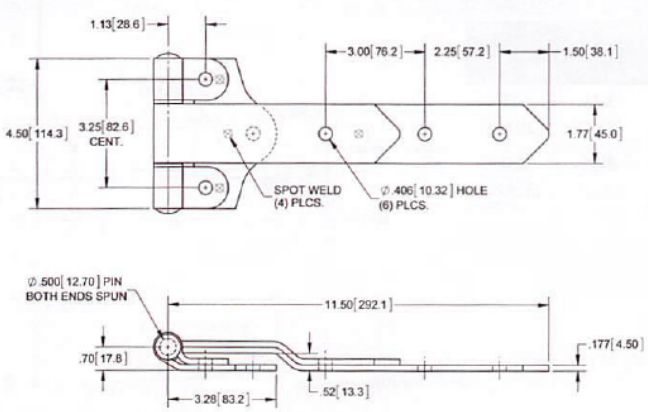


316SS Strap Hinge 316SS

Part Number	Material	Finish	Pin
H3170SST	316SS	electropolished	non-removable, 316SS

- 316SS washers

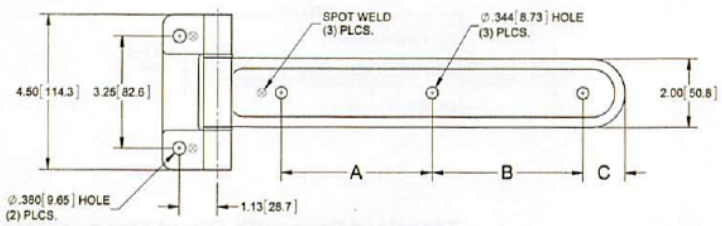


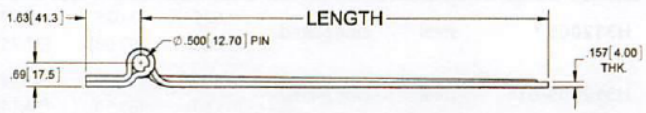


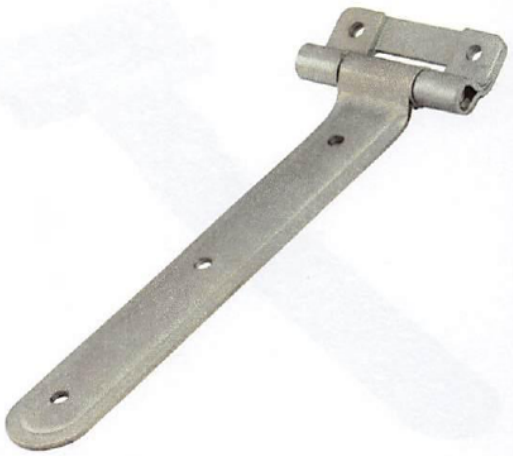
Standard Base with Standard Strap - (5) Holes

Part Number	Material	Finish	A	B	C	Length
H308004	steel	zinc plated	2.438 [61.63]	2.438 [61.63]	1.250 [31.75]	8.00 [203.2]
H308004SS *	304SS	mill				
H308004A *	aluminum	mill				
H312004	steel	zinc plated	4.438 [112.73]	4.438 [112.73]	1.250 [31.75]	12.00 [304.8]
H312004SS	304SS	mill				
H312004A	aluminum	mill				
H314004	steel	zinc plated	4.438 [112.73]	4.438 [112.73]	1.250 [31.75]	14.00 [355.6]
H314004SS	304SS	mill				
H314004A	aluminum	mill				
H316004	steel	zinc plated	6.438 [163.53]	6.438 [163.53]	1.250 [31.75]	16.00 [406.4]
H316004SS	304SS	mill				
H316004A *	aluminum	mill				

- aluminum hinges have stainless steel pins and washers
- * these hinges are stock items







Custom Options	
general options	▸ custom hole pattern ▸ square holes ▸ grease fittings
steel (**500** piece minimum order)	▸ powder coated ▸ stainless steel pin and washers ▸ brass pin and washers
aluminum (**250** piece minimum order)	▸ polished ▸ anodized
stainless steel (**250** piece minimum order)	▸ hand polished ▸ electropolished ▸ passivated

- minimum order quantity will apply for these custom options

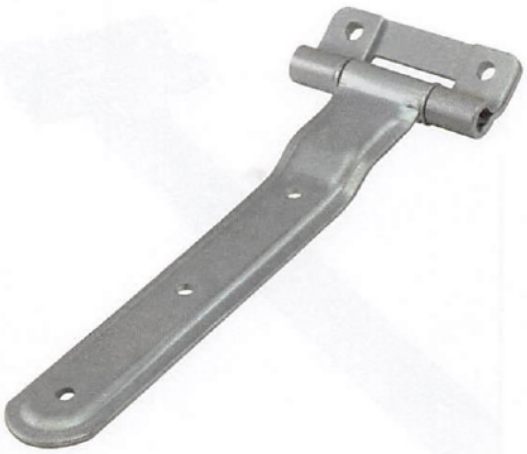
Shims



Part Number	Material	Finish
H3-03	steel	blue zinc
H3-03SS	304SS	mill
H3-03A	aluminum	mill

- material thickness: .125 [3.18]

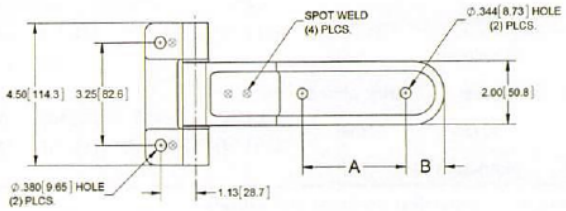
Strap Hinges

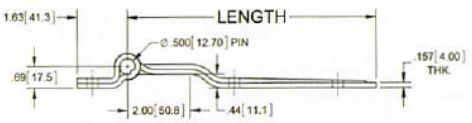


Standard Base with Offset Strap - (4) Holes

Part Number	Material	Finish	A	B	Length
H308005	steel	zinc plated	3.313 [84.15]	1.250 [31.75]	8.00 [203.2]
H308005SS	304SS	mill			
H308005A *	aluminum	mill			

- aluminum hinges have stainless steel pins and washers
- * these hinges are stock items

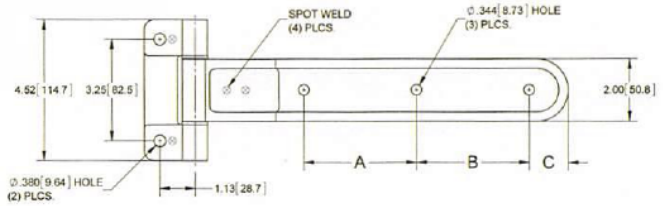


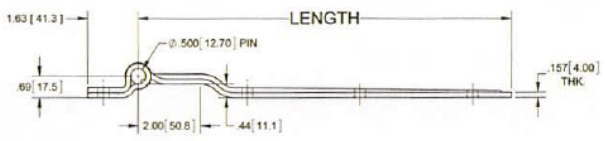


Standard Base with Offset Strap - (5) Holes

Part Number	Material	Finish	A	B	C	Length
H312005 *	steel	zinc plated	3.625 [92.08]	3.625 [92.08]	1.250 [31.75]	12.00 [304.8]
H312005-01*	steel	zinc plated	2.500 [63.50]	2.500 [63.50]	1.344 [34.14]	12.00 [304.8]
H312005SS	304SS	mill	3.625 [92.08]	3.625 [92.08]	1.250 [31.75]	12.00 [304.8]
H312005A	aluminum	mill				
H314005	steel	zinc plated	3.625 [92.08]	3.625 [92.08]	1.250 [31.75]	14.00 [355.6]
H314005SS	304SS	mill				
H314005A	aluminum	mill				
H316005 *	steel	zinc plated	5.625 [142.88]	5.625 [142.88]	1.250 [31.75]	16.00 [406.4]
H316005SS *	304SS	mill				
H316005A	aluminum	mill				

- p/n **H312005-01** has a longer offset dimension of 3.50 [88.9] instead of 2.00 [50.8]
- aluminum hinges have stainless steel pins and washers
- * these hinges are stock items





Custom Options	
general options	▸ custom hole pattern ▸ square holes ▸ grease fittings
steel (**500** piece minimum order)	▸ powder coated ▸ stainless steel pin and washers ▸ brass pin and washers
aluminum (**250** piece minimum order)	▸ polished ▸ anodized
stainless steel (**250** piece minimum order)	▸ hand polished ▸ electropolished ▸ passivated

- minimum order quantity will apply for these custom options

Shims



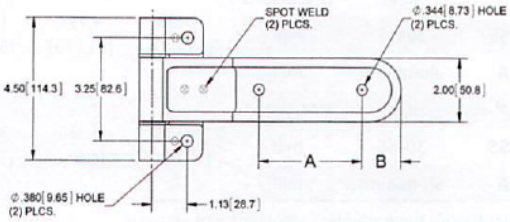
Part Number	Material	Finish
H3-03	steel	blue zinc
H3-03SS	304SS	mill
H3-03A	aluminum	mill

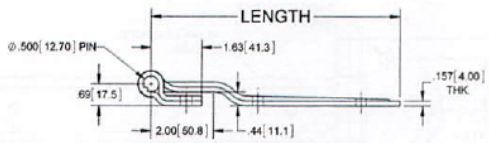
- material thickness: .125 [3.18]

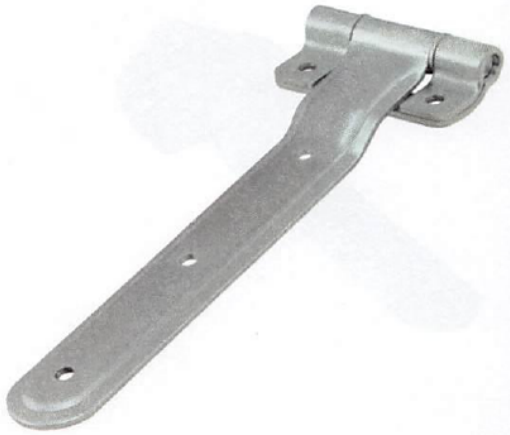
Reverse Base with Offset Strap - (4) Holes

Part Number	Material	Finish	A	B	Length
H308003 *	steel	zinc plated	3.313 [84.15]	1.250 [31.75]	8.00 [203.2]
H308003SS	304SS	mill			
H308003A	aluminum	mill			
H312003-01*	steel	zinc plated	3.625 [92.08]	1.250 [31.75]	12.00 [204.8]

- aluminum hinges have stainless steel pins and washers
- * these hinges are stock items



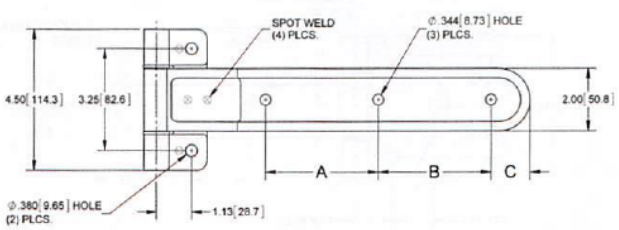


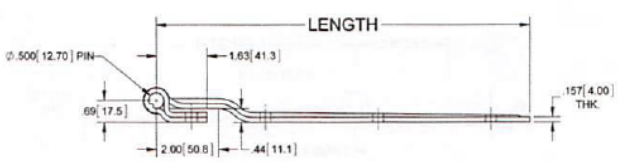


Reverse Base with Offset Strap - (5) Holes

Part Number	Material	Finish	A	B	C	Length
H312003 *	steel	zinc plated	3.625 [92.08]	3.625 [92.08]	1.250 [31.75]	12.00 [304.8]
H312003SS	304SS	mill				
H312003SS-01	304SS	passivated				
H312003A	aluminum	mill				
H314003 *	steel	zinc plated	3.625 [92.08]	3.625 [92.08]	1.250 [31.75]	14.00 [355.6]
H314003SS*	304SS	mill				
H314003A	aluminum	mill				
H316003 *	steel	zinc plated	5.625 [142.88]	5.625 [142.88]	1.250 [31.75]	16.00 [406.4]
H316003SS	304SS	mill				
H316003A *	aluminum	mill				

- aluminum hinges have stainless steel pins and washers
- * these hinges are stock items





Custom Options	
general options	▸ custom hole pattern ▸ square holes ▸ grease fittings
steel (**500** piece minimum order)	▸ powder coated ▸ stainless steel pin and washers ▸ brass pin and washers
aluminum (**250** piece minimum order)	▸ polished ▸ anodized
stainless steel (**250** piece minimum order)	▸ hand polished ▸ electropolished ▸ passivated

- minimum order quantity will apply for these custom options

Shims



Part Number	Material	Finish
H3-03	steel	blue zinc
H3-03SS	304SS	mill
H3-03A	aluminum	mill

- material thickness: .125 [3.18]

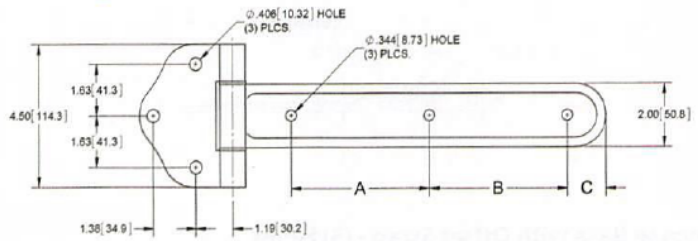
Strap Hinges

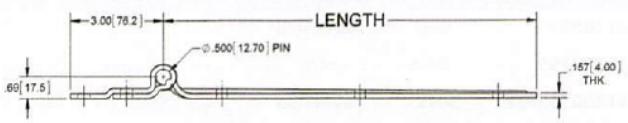


Tri-shaped Base with Standard Strap - (6) Holes

Part Number	Material	Finish	A	B	C	Length
H308000 *	steel	zinc plated	2.438 [61.90]	2.438 [61.90]	1.250 [31.75]	8.00 [203.2]
H308000SS	304SS	mill				
H308000A	aluminum	mill				
H312000 *	steel	zinc plated	4.438 [112.73]	4.438 [112.73]	1.250 [31.75]	12.00 [304.8]
H312000SS	304SS	mill				
H312000A	aluminum	mill				
H314000 *	steel	zinc plated	4.438 [112.73]	4.438 [112.73]	1.250 [31.75]	14.00 [355.6]
H314000SS	304SS	mill				
H314000A	aluminum	mill				
H316000 *	steel	zinc plated	6.438 [163.50]	6.438 [163.50]	1.250 [31.75]	16.00 [406.4]
H316000SS	304SS	mill				
H316000A	aluminum	mill				

- aluminum hinges have stainless steel pins and washers
- * these hinges are stock items





Custom Options	
general options	▸ custom hole pattern ▸ square holes ▸ grease fittings
steel (**500** piece minimum order)	▸ powder coated ▸ stainless steel pin and washers ▸ brass pin and washers
aluminum (**250** piece minimum order)	▸ polished ▸ anodized
stainless steel (**250** piece minimum order)	▸ hand polished ▸ electropolished ▸ passivated

- minimum order quantity will apply for these custom options

Shims



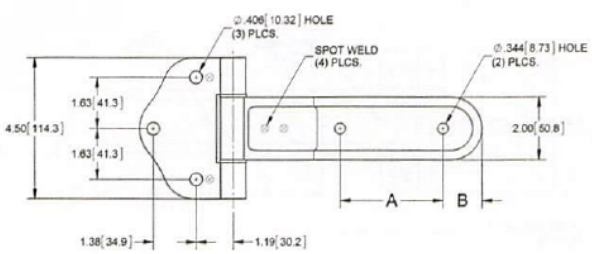
Part Number	Material	Finish
H3-01	steel	blue zinc
H3-01SS	304SS	mill
H3-01A	aluminum	mill

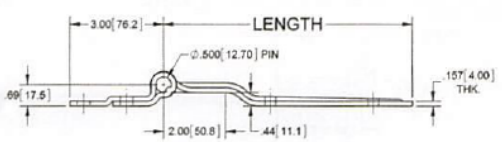
- material thickness: .125 [3.18]

Tri-shaped Base with Offset Strap - (5) Holes

Part Number	Material	Finish	A	B	Length
H308001 *	steel	zinc plated	3.313 [84.15]	1.250 [31.75]	8.00 [203.2]
H308001SS	304SS	mill			
H308001SS-01	304SS	passivated			
H308001A	aluminum	mill			

- aluminum hinges have stainless steel pins and washers
- * these hinges are stock items



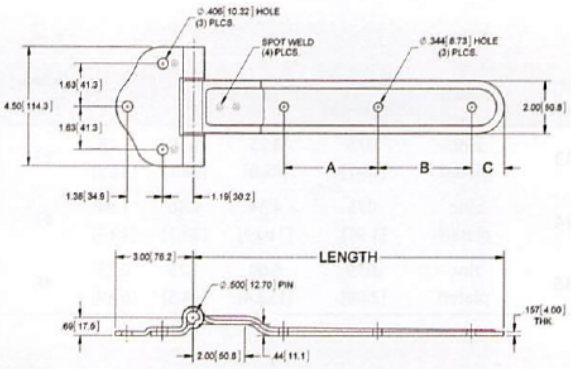


Strap Hinges

Tri-shaped Base with Offset Strap - (6) Holes

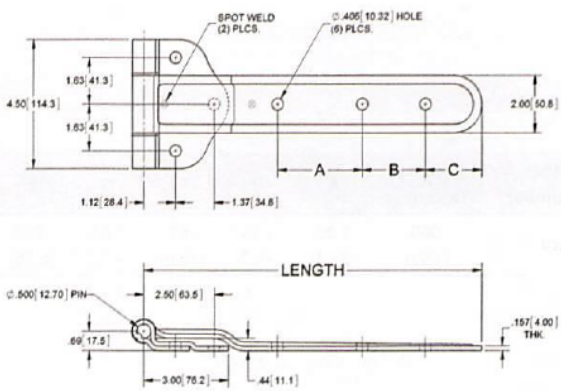
Part Number	Material	Finish	A	B	C	Length
H312001 *	steel	zinc plated	3.625 [92.08]	3.625 [92.08]	1.250 [31.75]	12.00 [304.8]
H312001SS *	304SS	mill				
H312001SS-01 *	304SS	passivated				
H312001A	aluminum	mill				
H314001 *	steel	zinc plated	3.625 [92.08]	3.625 [92.08]	1.250 [31.75]	14.00 [355.6]
H314001SS *	304SS	mill				
H314001A	aluminum	mill				
H316001 *	steel	zinc plated	5.625 [142.88]	5.625 [142.88]	1.250 [31.75]	16.00 [406.4]
H316001SS	304SS	mill				
H316001SS-01	304SS	passivated				
H316001A	aluminum	mill				

- aluminum hinges have stainless steel pins and washers
- * these hinges are stock items



Reverse Tri-shaped Base with Offset Strap - (6) Holes

Part Number	Material	Finish	A	B	C	Length
H312002	steel	zinc plated	3.00 [76.2]	2.25 [57.2]	2.00 [50.8]	12.00 [304.8]

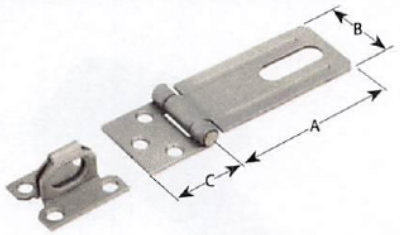




Custom Options	
general options	▸ custom hole pattern ▸ square holes ▸ grease fittings
steel (**500** piece minimum order)	▸ powder coated ▸ stainless steel pin and washers ▸ brass pin and washers
aluminum (**250** piece minimum order)	▸ polished ▸ anodized
stainless steel (**250** piece minimum order)	▸ hand polished ▸ electropolished ▸ passivated

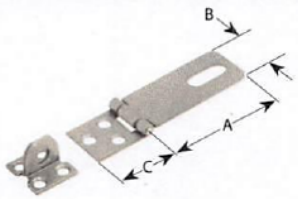
- minimum order quantity will apply for these custom options

Safety Hasp & Staple (Steel)



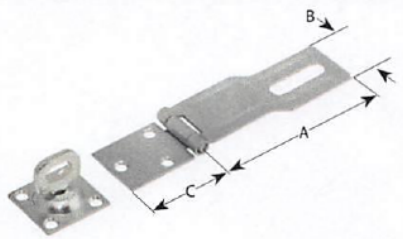
Part Number	Finish	Material Thickness	A	B	C	Screw Size
2803	zinc plated	.080 [2.03]	3.30 [83.8]	1.50 [38.1]	1.31 [33.3]	#6
2803PL	mill	.080 [2.03]	3.30 [83.8]	1.50 [38.1]	1.31 [33.3]	#6
2804	zinc plated	.080 [2.03]	4.43 [112.5]	1.50 [38.1]	1.97 [50.0]	#7
2804PL	mill	.080 [2.03]	4.43 [112.5]	1.50 [38.1]	1.97 [50.0]	#7
2806	zinc plated	.080 [2.03]	6.00 [152.4]	1.75 [44.5]	2.71 [68.8]	#8
2806PL	mill	.080 [2.03]	6.00 [152.4]	1.75 [44.5]	2.71 [68.8]	#8

Safety Hasp & Staple (Steel)



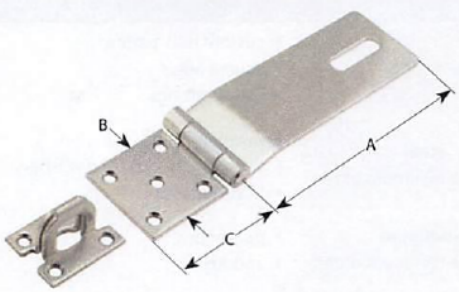
Part Number	Finish	Material Thickness	A	B	C	Screw Size
2812	zinc plated	.067 [1.70]	2.50 [63.5]	1.00 [25.4]	1.125 [28.58]	#5
2812PL	mill	.067 [1.70]	2.50 [63.5]	1.00 [25.4]	1.125 [28.58]	#5

Swivel Safety Hasp & Staple (Steel)



Part Number	Finish	Material Thickness	A	B	C	Screw Size	Staple Part No.
2833	zinc plated	.075 [1.91]	3.25 [82.6]	1.50 [38.1]	1.28 [32.5]	#7	**283S**
2834	zinc plated	.075 [1.91]	4.34 [110.2]	1.50 [38.1]	1.94 [49.3]	#7	
2836	zinc plated	.079 [2.00]	6.00 [152.4]	1.75 [44.5]	2.75 [69.9]	#8	

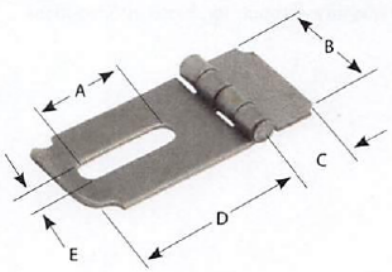
Large Safety Hasp & Staple (Steel)



Part Number	Finish	Material Thickness	A	B	C	Screw Size
2817	zinc plated	.157 [4.00]	7.00 [177.8]	2.50 [63.5]	2.75 [69.9]	#10

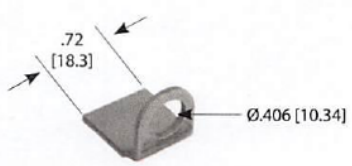
▸ this part is non-stock

Light Duty Hasp & Staple (Steel)



Hasp

Part Number	Material Thickness	A	B	C	D	E	Finish
2884	.060 [1.52]	1.00 [25.4]	1.13 [28.7]	.63 [16.0]	1.86 [47.2]	.250 [6.35]	mill

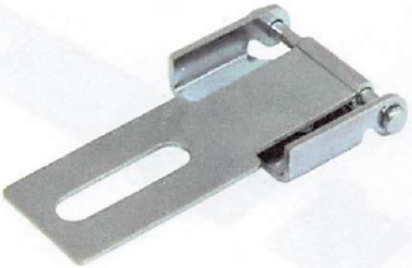


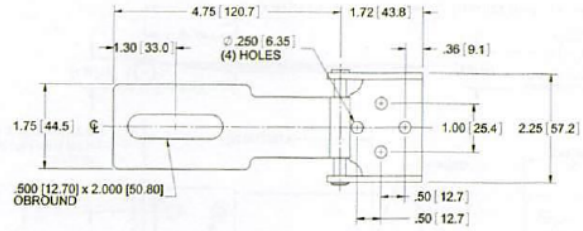
Staple

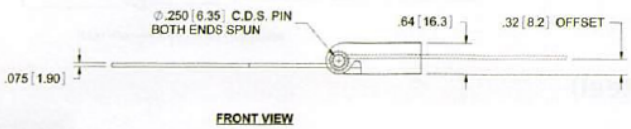
Part Number	Material Thickness	Finish
2883	.079 [2.00]	mill

Stamped Hasp (Steel)

Part Number	Finish
2830ZN	zinc plated



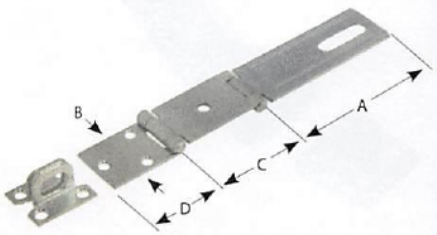




Double Hinge Safety Hasp and Staple Kit (Steel)

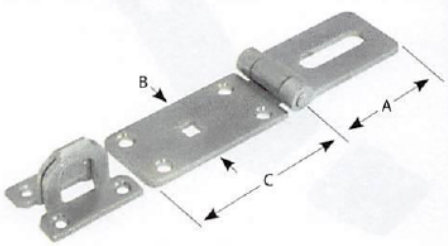
Part Number	A	B	C	D	Screw Size	Hasp Thickness	Finish
2853	3.25 [82.6]	1.50 [38.1]	2.50 [63.5]	1.31 [33.3]	#7	.080 [2.00]	zinc plated
2854	4.50 [114.3]	1.50 [38.1]	2.50 [63.5]	2.00 [50.8]	#7	.080 [2.00]	zinc plated

▸ these parts are non-stock

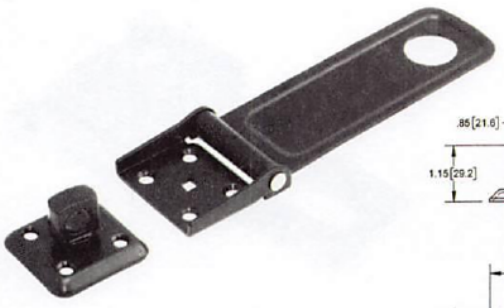


Heavy Duty Hasp & Case Hardened Staple (Steel)

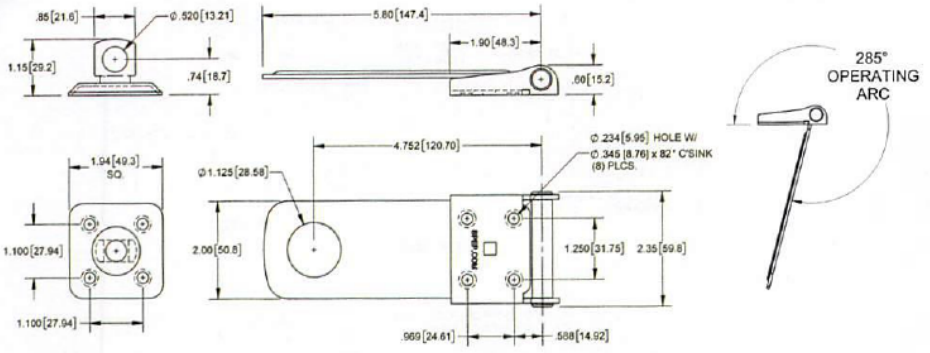
Part Number	Finish	Material Thickness	A	B	C	Screw Size
2847	zinc plated	.15 [3.8]	3.25 [82.6]	1.88 [47.6]	4.00 [101.6]	#10
2847PL	mill	.15 [3.8]	3.25 [82.6]	1.88 [47.6]	4.00 [101.6]	#10



6.00" Hasp and Swivel Staple Kits (Steel)



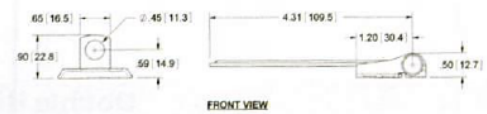
Part Number	Finish
2966ZN	zinc plated
2966BK	black powder coated



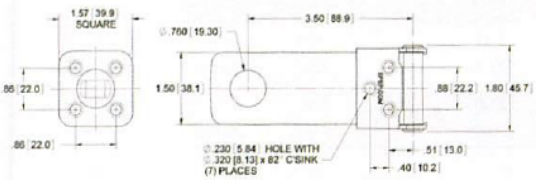
4.50" Hasp and Swivel Staple Kits (Steel)



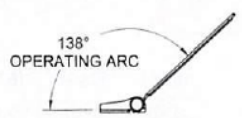
Part Number	Finish
2965ZN	zinc plated
2965BK	black powder coated



FRONT VIEW



BOTTOM VIEW



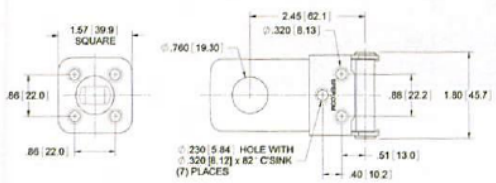
3.50" Hasp and Swivel Staple Kits (Steel)



Part Number	Finish
2964ZN	zinc plated
2964BK	black powder coated



FRONT VIEW



BOTTOM VIEW



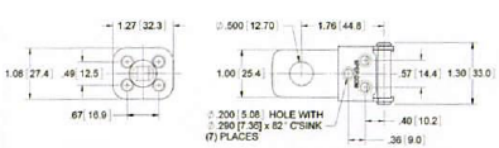
2.50" Hasp and Swivel Staple Kits (Steel)



Part Number	Finish
2963ZN	zinc plated
2963BK	black powder coated



FRONT VIEW

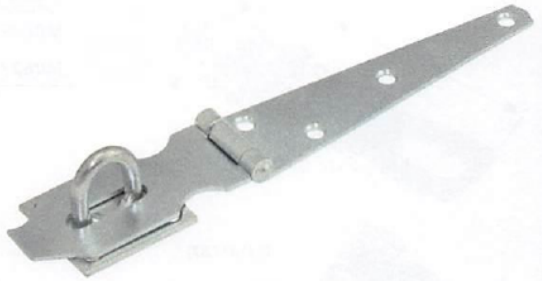


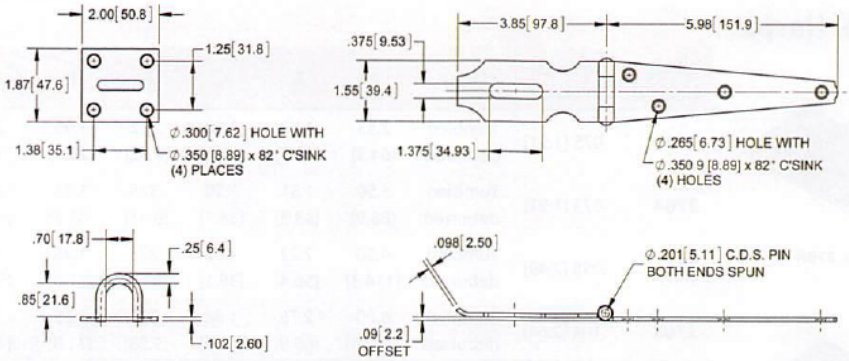
BOTTOM VIEW



Strap Hasp and Staple (Steel)

Part Number	Finish
2862	zinc plated

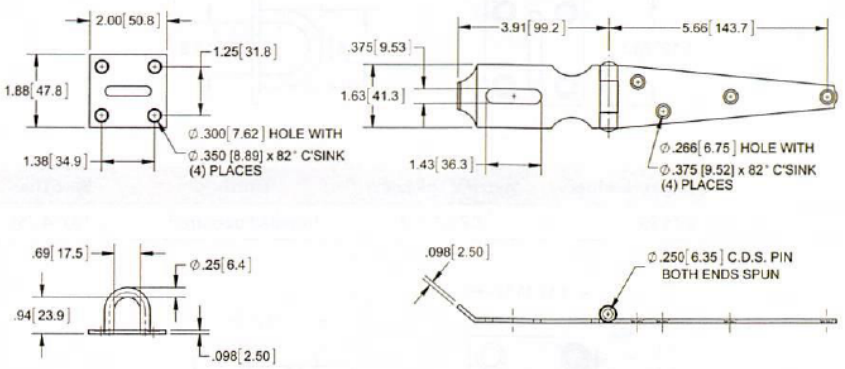




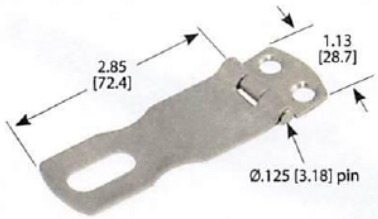
Strap Hasp and Staple (Steel)

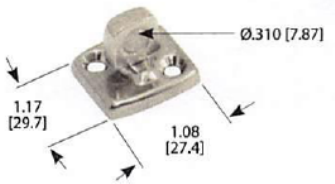
Part Number	Finish
2876	zinc plated





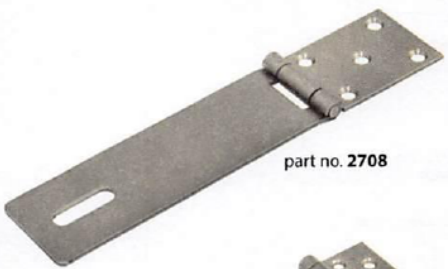
300 Series Stainless Steel Marine Hasp and Swivel Staple





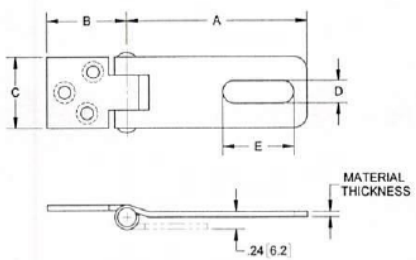
Part Number	Description	Material Thickness	Finish	Screw Size
M0827	hasp	.060 [1.52]	electropolished	#8
M0627	swivel staple	.060 [1.52]	electropolished	#8

300 Series Stainless Steel Hasps





Part Number	Material Thickness	Finish	A	B	C	D	E	F	Screw Size	Mounting Holes
2702	.075 [1.91]	tumbled deburred	2.53 [64.3]	1.12 [28.5]	1.00 [25.4]	.312 [7.92]	1.00 [25.4]	.25 [6.4]	#6	3
2704	.075 [1.91]	tumbled deburred	3.50 [88.9]	1.31 [33.3]	1.50 [38.1]	.375 [9.53]	1.25 [31.8]	.25 [6.4]	#8	3
2706	.098 [2.49]	tumbled deburred	4.50 [114.3]	2.22 [56.4]	1.50 [38.1]	.375 [9.53]	1.25 [31.8]	.25 [6.4]	#8	3
2708	.104 [2.64]	tumbled deburred	6.00 [152.4]	2.75 [69.9]	1.88 [47.6]	.375 [9.53]	1.25 [31.8]	.31 [7.9]	#10	5

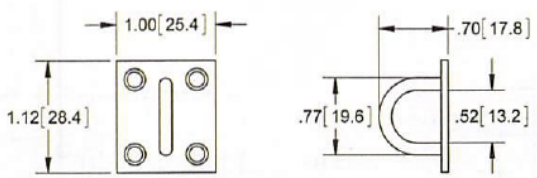


300 Series Stainless Steel Staples



Small Staple

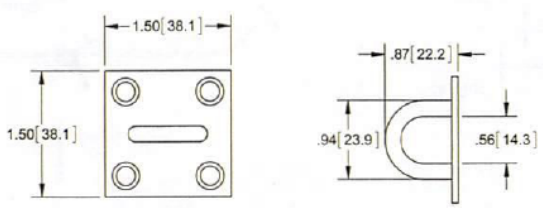
Part Number	Material Thickness	Finish	Wire Dia.	Screw Size
272SS	.072 [1.83]	tumbled deburred	.125 [3.18]	#6



Large Staple

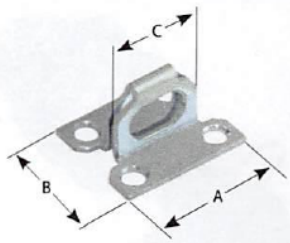


Part Number	Material Thickness	Finish	Wire Dia.	Screw Size
274SS	.072 [1.83]	tumbled deburred	.187 [4.75]	#8



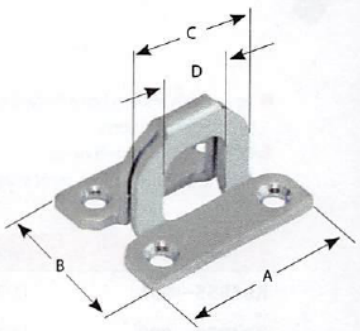
Standard Stamped Staples (Steel)

Part Number	Plate Thickness	Staple Thickness	A	B	C	Screw Size	Finish
280S	.079 [2.01]	.25 [6.35]	1.63 [41.4]	1.36 [34.5]	1.13 [28.7]	#7	zinc plated
280T-01*	.039 [1.00]	.16 [4.06]	1.00 [25.4]	.69 [17.5]	.69 [17.5]	#4	zinc plated
280U	.067 [1.70]	.16 [4.06]	1.20 [30.5]	1.08 [27.4]	.90 [22.9]	#6	zinc plated



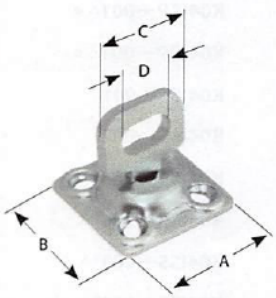
Large Stamped Staple (Steel)

Part Number	Plate Thickness	Staple Dia./ Thickness	A	B	C	D	Screw Size	Finish
281U	.152 [3.86]	.365 [9.27]	2.26 [57.4]	1.86 [47.2]	1.57 [39.9]	.85 [21.6]	#9	zinc plated



Swivel Staple (Steel)

Part Number	Plate Thickness	Staple Dia./ Thickness	A	B	C	D	Screw Size	Finish
283S	.079 [2.00]	1.77 [4.50]	1.50 [38.1]	1.50 [38.1]	1.06 [26.9]	.63 [16.0]	#7	zinc plated

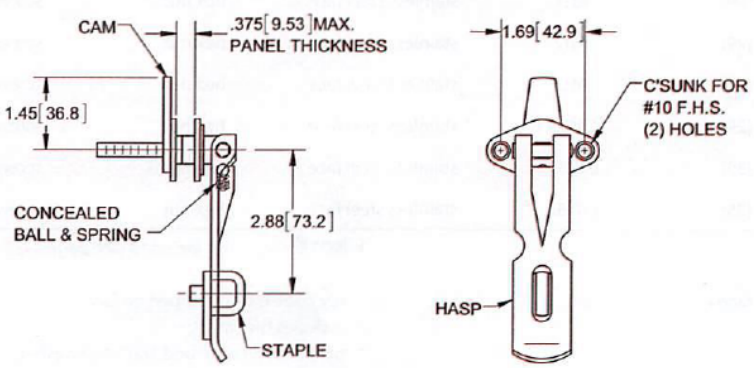


Single Point Padlock Type Hasp Latch (Steel)

Part Number	Material	Finish
295	steel	zinc plated

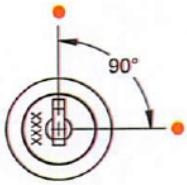
- concealed ball and spring prevent hasp disengaging from staple when padlock is not attached
- accommodates lock shackles of up to Ø.312 [7.92]
- for doors up to .38 [9.5] thick

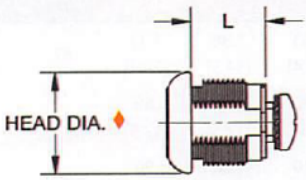


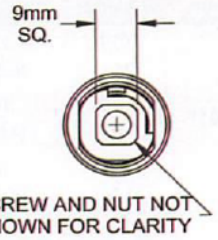


Cam Locks

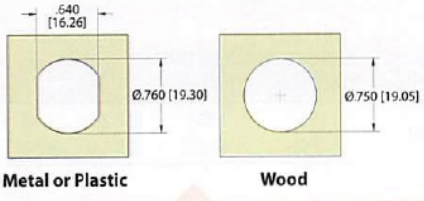








● key removable in both locked and unlocked positions
♦ Ø.86 [21.8] = plated head
♦ Ø.89 [22.6] = stainless steel scalped head



recommended cut-out for cam locks, unless otherwise illustrated.

Part Number	Length L	Key Code	Finish	Body Mounting	Cam Fastener	Rotation
K04BSS---001	11/32 [9]	CH751	stainless steel face	hex nut	spun-on	90°
K04BSS---002	11/32 [9]	C415A	stainless steel face	hex nut	spun-on	90°
K04ESS---001	7/16 [11]	CH751	stainless steel face	hex nut	spun-on	90°
K04ESS---002	7/16 [11]	C415A	stainless steel face	hex nut	spun-on	90°
K04ICP---001^ «	5/8 [16]	C413A	chrome	hex nut	screw-on	90°
K04IBP---001^ «	5/8 [16]	C413A	bright brass	hex nut	screw-on	90°
K04ISS---001	5/8 [16]	CH751	stainless steel face	hex nut	screw-on	90°
K04ISS---002	5/8 [16]	C415A	stainless steel face	hex nut	screw-on	90°
K04ISS---003	5/8 [16]	CAT60	stainless steel face	hex nut	screw-on	90°
K04ISS---004*^	5/8 [16]	AH1	stainless steel face	hex nut	screw-on	90°/180°
K04ISS---005*^	5/8 [16]	AH2	stainless steel face	hex nut	screw-on	90°/180°
K04ISS---006*^	5/8 [16]	AH3	stainless steel face	hex nut	screw-on	90°/180°
K04ISS---007*^	5/8 [16]	AH4	stainless steel face	hex nut	screw-on	90°/180°
K04OSS---001	7/8 [22]	CH751	stainless steel face	hex nut	screw-on	90°
K04OSS---002	7/8 [22]	C415A	stainless steel face	hex nut	screw-on	90°
K04TCP---001^ «	1-1/8 [29]	C413A	chrome	hex nut	screw-on	90°
K04TBP---001^ «	1-1/8 [29]	C413A	bright brass	hex nut	screw-on	90°
K04TSS---001	1-1/8 [29]	CH751	stainless steel face	hex nut	screw-on	90°
K04TSS---002	1-1/8 [29]	C415A	stainless steel face	hex nut	screw-on	90°
K04TSS---003*	1-1/8 [29]	AH1	stainless steel face	hex nut	screw-on	90°/180°
K04TSS---004*	1-1/8 [29]	AH2	stainless steel face	hex nut	screw-on	90°/180°
K04TSS---005*	1-1/8 [29]	AH3	stainless steel face	hex nut	screw-on	90°/180°
K04TSS---006	1-1/8 [29]	C413A	stainless steel face	hex nut	screw-on	90°
K04YSS---001	1-3/8 [35]	CH751	stainless steel face	hex nut	screw-on	90°
K04YSS---002	1-3/8 [35]	C415A	stainless steel face	hex nut	screw-on	90°

- material: die cast zinc
- locks have (5) wafers
- key code stamped on keys and face
- includes:
  - cam mounting screw
  - body nut
  - (2) keys per lock

- **NOTE:** cam is not included (see pages 334-335 for cam selection)

^ key code is not stamped on face
« includes trim ring
* locks include a 90° and 180° stop washer. (locks are packaged unassembled inside a sealed polybag)

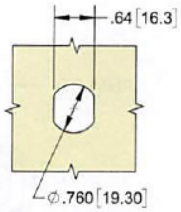
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Sealed Cam Lock

Base Part Number	Length	Key Code	Options			
			Finish	Body Mounting	Rotation	Cam Fastener
K04JSS---001	.63 [16]	CH751	chrome	hex nut or spring clip	any, see page 333	screw-on or spun-on
K04JSS---002	.63 [16]	C415A	chrome			

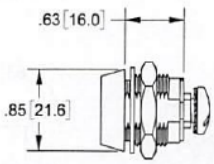
- **NOTE:** cam is not included
- see page 334-335 for cam selection
- includes internal o-ring, gasket, and dust shi
- material: die cast zinc





MOUNTING DIMENSIONS





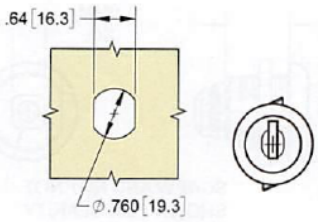


Snap-in Cam Lock

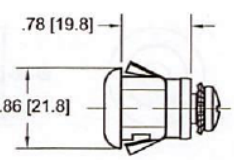
Base Part Number	Length	Options			
		Finish	Body Mounting	Rotation	Cam Fastener
K30L	.78 [20]	chrome	built-in spring clip	any, see page 333	screw-on or spun-on

- **NOTE:** cam is not included
- see page 334-335 for cam selection
- recommended material thickness for mounting cam lock is .025 [.64] to .050 [1.27]
- material: die cast zinc





MOUNTING DIMENSIONS



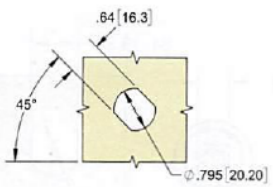


Cam Lock with Capped Cylinder

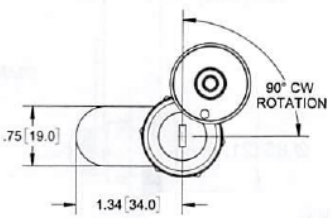
Part No.	Material	Finish	
		Lock	Housing
K03PCP09	die cast zinc	mill	chrome plated

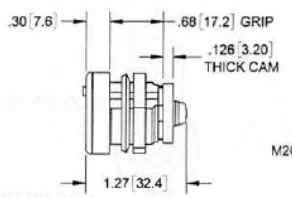
- cap is 304SS with barrel polished finish
- includes cam

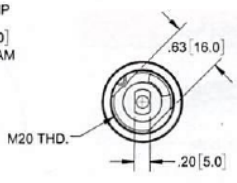




MOUNTING DIMENSIONS





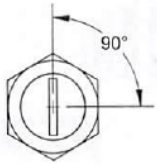


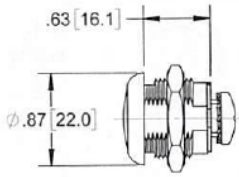
Slotted Cam Latch



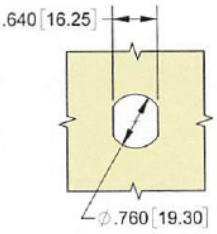
Base Part Number	Length	Finish	Body Mounting	Rotation	Cam Style	Cam Fastener	Stock
K09ICP---001	5/8 [16]	chrome	hex nut	90° CW	any, see pages 334-335	screw-on	stock

- **NOTE**: cam is not included
- contact sales for custom options
- material: die cast zinc









MOUNTING DIMENSIONS

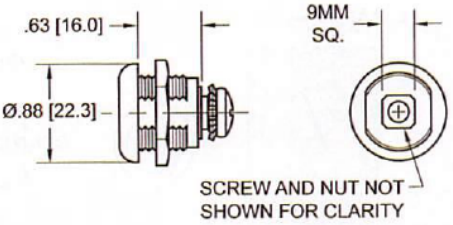
Allen Wrench Cam Lock

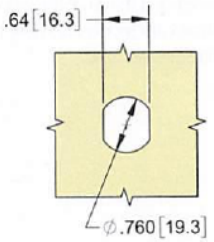


Base Part Number	Length	Keying	Options			
			Finish	Body Mounting	Rotation	Cam Fastener
K06I	.63 [16]	1/4 [6.4] Allen Wrench	chrome	hex nut or spring clip	any, see page 333	screw-on or spun-on

- **NOTE**: cam is not included
- see page 334-335 for cam selection
- key available separately as part no. **KB105**
- material: die cast zinc







MOUNTING DIMENSIONS

Bellcore Style Cam Latch



Base Part Number	Length L	Finish	Body Mounting	Rotation	Cam Style	Cam Fastener	Stock
K40ICP01	5/8 [16]	black electro-painted	hex nut	90°	for additional cam styles see pages 334-335	screw-on	stock

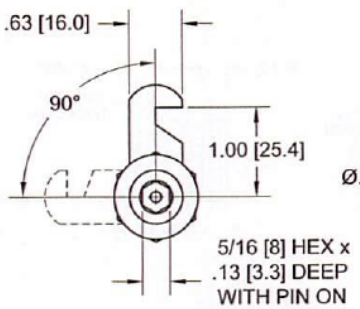
- material: die cast zinc
- hook cam included

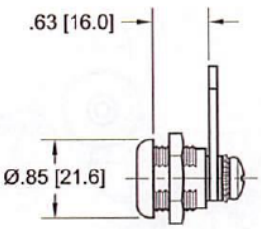
Hex Tool Key

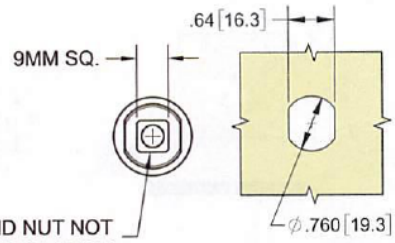


part number	392-K

- sold separately







MOUNTING DIMENSIONS

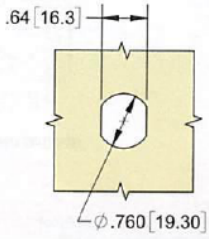
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Thumb-turn Cam Latch

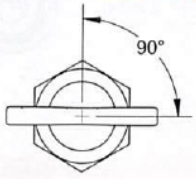
Base Part Number	Length	Finish	Body Mounting	Rotation	Cam Style	Cam Fastener	Stock
K10ICP---001	5/8 [16]	chrome	hex nut	90°	any, see pages 334-335	screw-on	stock
K10OCP---001	7/8 [22]	chrome	hex nut	90°	any, see pages 334-335	screw-on	stock
K10TCP---001	1-1/8 [29]	chrome	hex nut	90°	any, see pages 334-335	screw-on	stock

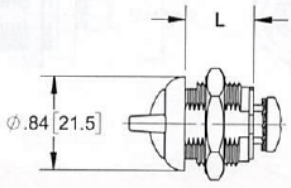


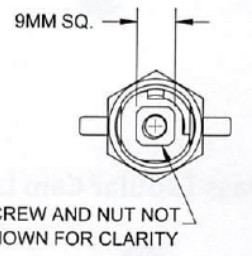
- **NOTE:** cam is not included
- material: die cast zinc
- contact sales for custom options



MOUNTING DIMENSIONS





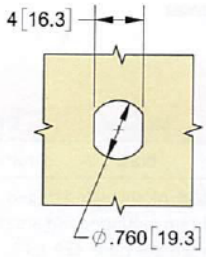


Thumb-turn Cam Latch

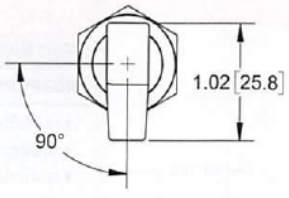
Base Part Number	Length L	Finish	Body Mounting	Rotation	Cam Style	Cam Fastener	Stock
K50ICP---001	5/8	chrome	hex nut	90°	any, see pages 334-335	screw-on	stock
K50IBK---001	5/8	black electro-plated	hex nut	90°	any, see pages 334-335	screw-on	stock

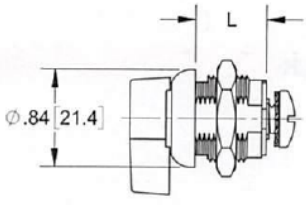


- **NOTE:** cam is not included
- contact sales for custom options
- material: die cast zinc



MOUNTING DIMENSIONS





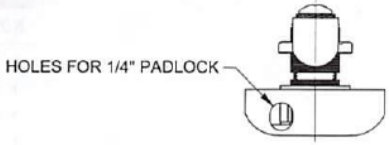


Padlockable Thumb-turn Cam Latch

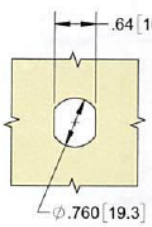
Base Part Number	Length L	Finish	Body Mounting	Rotation	Cam Style	Cam Fastener	Stock
K17LBK01	20mm	black powder coated	hex nut	90°	includes cam. receiver only accepts 8mm cams	screw-on	stock



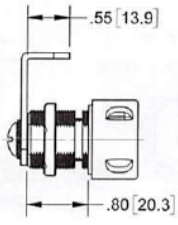
- material: die cast zinc



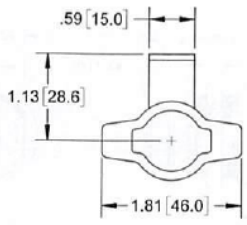
TOP VIEW



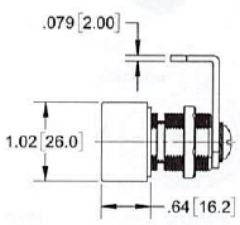
MOUNTING DIMENSIONS



LEFT SIDE VIEW



FRONT VIEW

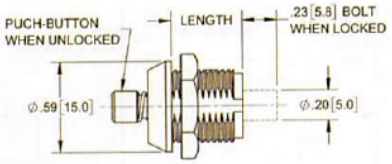


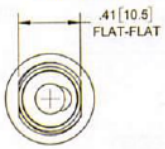
RIGHT SIDE VIEW

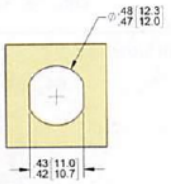
Mini Tubular Push Locks











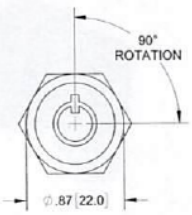
MOUNTING DIMENSIONS

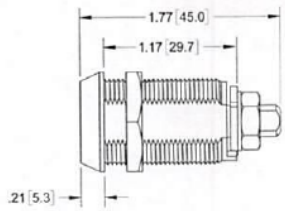
Part Number	Material	Finish	Pin Tumblers	Length
K206CP01	die cast zinc	chrome	4 pins	10.0
K206CP02	die cast zinc	chrome	7 pins	12.0

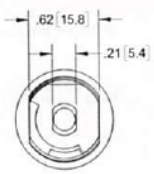
- 360° rotation
- used for ad or display cases

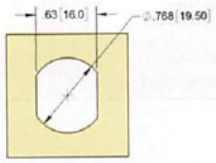
Brass Tubular Cam Lock











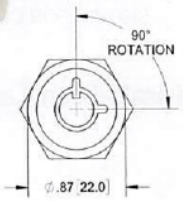
MOUNTING DIMENSIONS

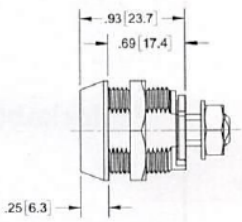
Part Number	Material	Finish	Key Code
K03PCP04	brass	chrome plated	K1161

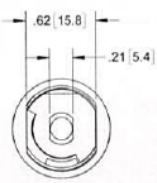
- includes (2) steel, nickel plated ringed keys
- body nut and cam mounting nut are steel with zinc plated finish
- key removable in locked position only
- cam not included, see page 329 for cam selection

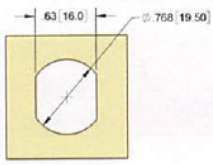
Brass Tubular Cam Lock











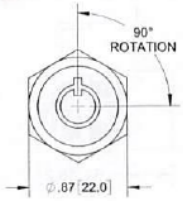
MOUNTING DIMENSIONS

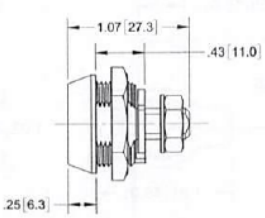
Part Number	Material	Finish	Key Code
K03PCP05	brass	chrome plated	1127B

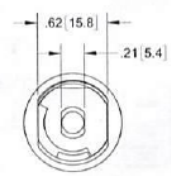
- includes (2) steel, nickel plated ringed tubular keys
- body nut and cam mounting nut are steel with zinc plated finish
- cam not included, see page 329 for cam selection

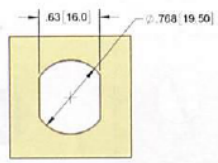
Brass Tubular Cam Lock











MOUNTING DIMENSIONS

Part Number	Material	Finish	Key Code
K03PCP06	brass	chrome plated	1127A

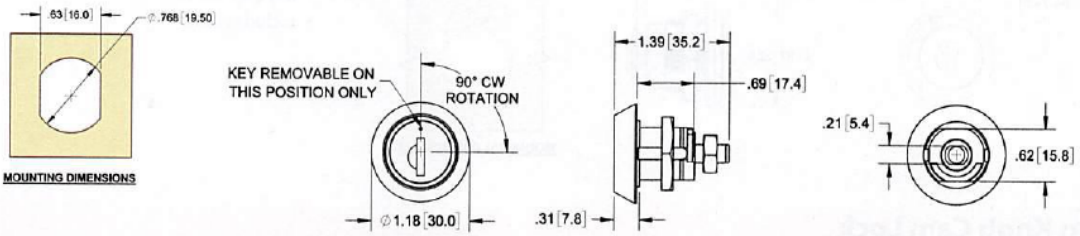
- includes (2) steel, nickel plated ringed tubular keys
- body nut and cam mounting nut are steel with zinc plated finish
- key removable in locked position only
- short body for limited spaces
- cam not included, see page 329 for cam selection

Cam Lock

Part Number	Material	Finish
K03PCP08	brass	chrome plated

- key removable in locked position only
- cam not included, see page 329 for cam selection

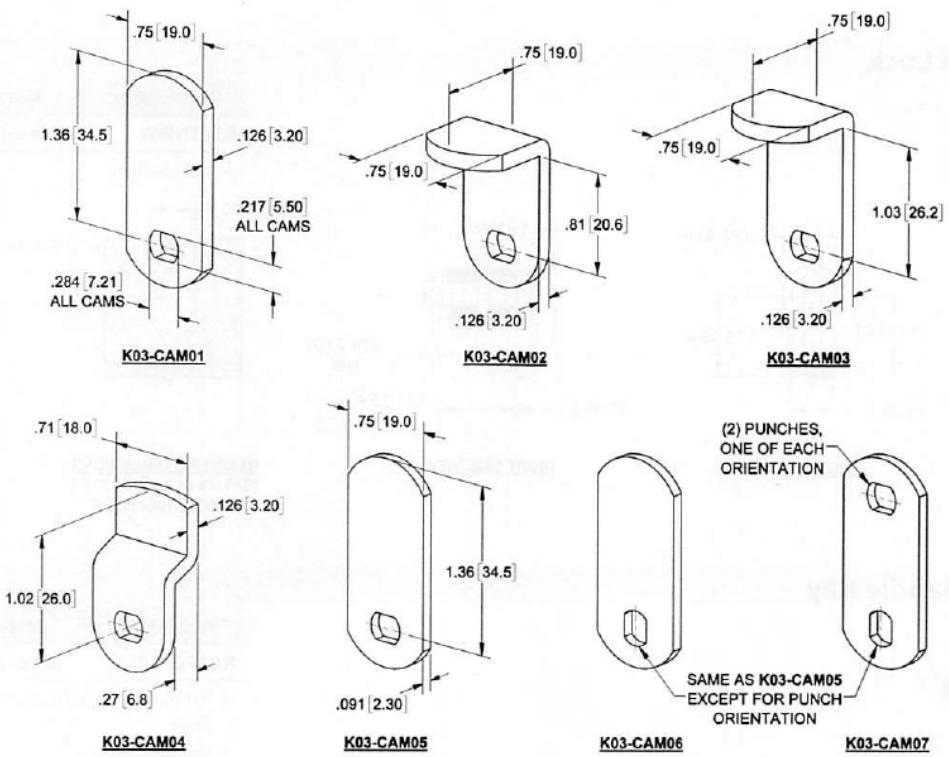




Cams

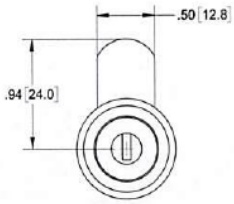
Part Number	Material	Finish
K03-CAM01	steel	zinc plated
K03-CAM02	steel	zinc plated
K03-CAM03	steel	zinc plated
K03-CAM04	steel	zinc plated
K03-CAM05	steel	zinc plated
K03-CAM06	steel	zinc plated
K03-CAM07	steel	zinc plated





Cam Locks





MOUNTING DIMENSIONS

Part Number	Material	Finish
K201CP	die cast zinc	chrome
K201BK	die cast zinc	black textured powder coat

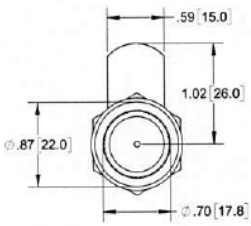
- key code 2233
- includes cam

Push and Turn Knob Cam Lock

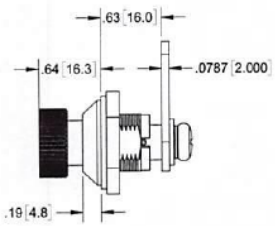


Part Number	Material	Finish
K05ICP50	die cast zinc	chrome plated

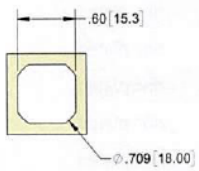
- includes cam



FRONT VIEW



RIGHT SIDE VIEW



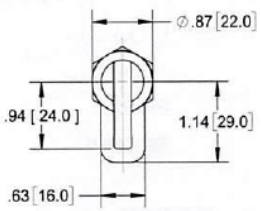
MOUNTING DIMENSIONS
PANEL THICKNESS
FOR .04[1.0] - .16[4.0]

Thumb Turn Cam Lock

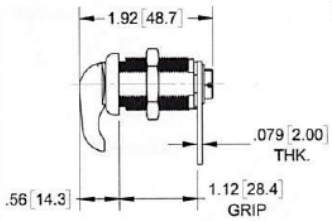


Part Number	Material	Finish
K21TNP01	die cast zinc	nickel plated

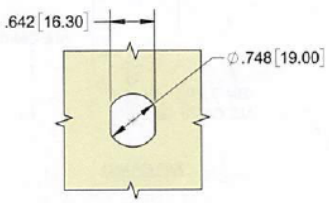
- includes cam



FRONT VIEW



RIGHT SIDE VIEW



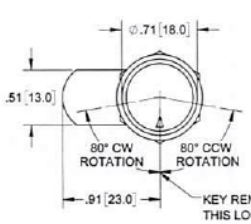
MOUNTING DIMENSIONS
FOR .04 [1.0] -.79 [20.0]
PANEL THICKNESS

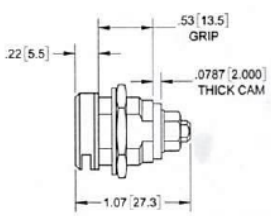
Cam Lock with Handle Key

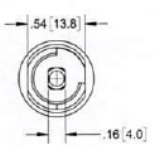


Part Number	Material	Finish
K03PCP10	die cast zinc	chrome plated

- handle key material: die cast zinc with nickel plated finish
- includes cam
- key removable in locked position only



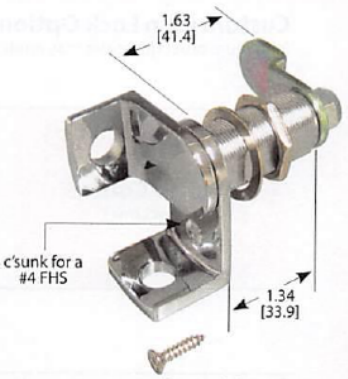




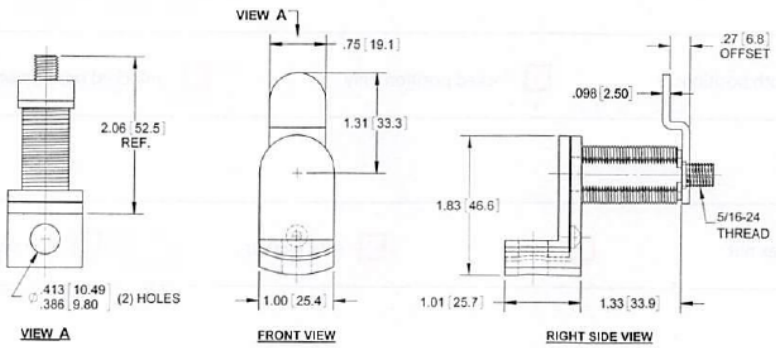
Padlocking Cylinder Latches

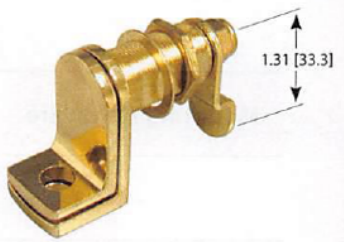
Part Number	Material	Finish
5901	die cast zinc	brass & lacquer
5902	die cast zinc	chrome
5903	die cast zinc	black e-coat

- padlock hole is Ø.406"
- polybagged kit includes:
  - cylinder
  - offset cam
  - nylon lock nut
  - body nut
  - body washer



opened position





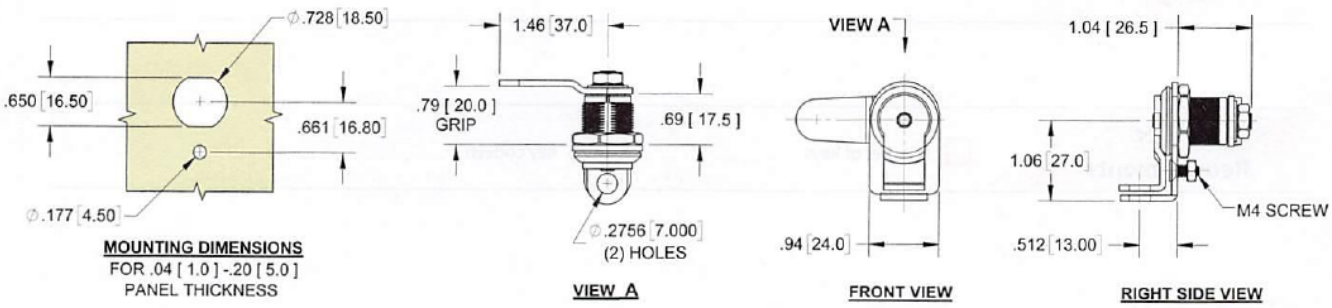
closed position

Padlockable Cam Lock

Part Number	Material	Finish
K04OCH50	die cast zinc	chrome plated

- accepts up to 1/4" padlock
- includes cam, m4 mounting screw and nut





Special Order Cam Locks

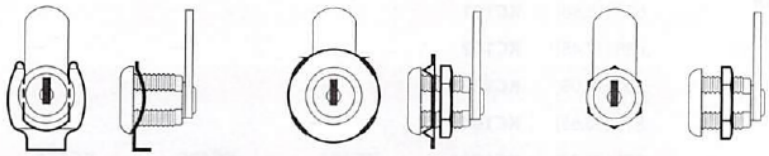
Custom Cam Lock Options to Keep in Mind When Ordering
(minimum order quantities may apply)

Finish Codes (select one)	☐ **BK** black painted	☐ **CP** chrome plated	☐ **SD** stainless steel head with dust shutter
	☐ **BL** black chrome	☐ **EC** e-coated	☐ **SS** stainless steel head
	☐ **BP** brass plated	☐ **NP** nickel plated	☐ **ZP** zinc plated
Key Removable In:	☐ both positions	☐ locked position only	☐ unlocked position only
Mounting Hardware	☐ hex nut	☐ clip	☐ spur washer ☐ trim ring
Rotation (see pg. 333 for options)	select a letter from A to Z _____		
Cam Style and Size	custom cam configurations available by special order see cam style and size on pages 334 - 335 _____		
Cam Attachment (see pg. 333)	☐ screw-on	☐ spun-on	
Other Requirements	☐ number of keys _____	☐ key code(s) _____	

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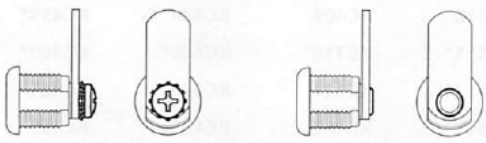
Standard Hardware Definitions

Mounting Hardware



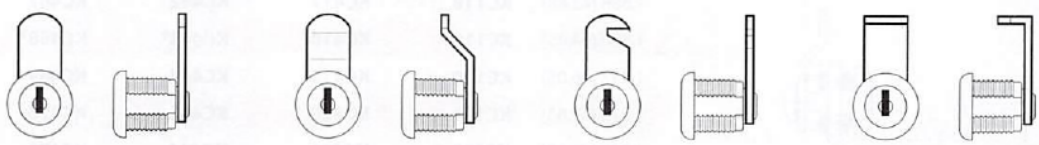
spring clip | hex nut and spur washer | hex nut without spur washer

Cam Attachments



screwed-on cam | spun-on cam (fixed)

Cam Styles



straight cam | offset cam | hook cam | 90° bent cam

› combinations of styles available by special order

Cam Rotation Options

Standard Cams

Key Removable in Locked and Unlocked Position				Key Removable in Locked Position Only	
A	B	C	D	S*	T
E	F	G	H	U*	V
J	K	L	M	W*	X
N	P	Q	R	Y*	Z

*These rotations are non-standard

Hook Cams

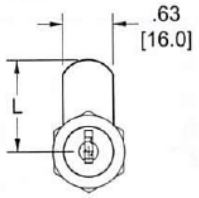
Key Removable in Locked and Unlocked Position				Key Removable in Locked Position Only	
A	B	C	D	S*	T
E	F	G	H	U*	V
J	K	L	M	W*	X
N	P	Q	R	Y*	Z

*These rotations are non-standard

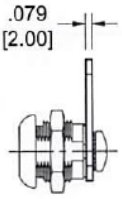
› **NOTE:** illustrations assume key inserted with teeth pointing upward with flats on lock body at the sides

9mm Straight and Offset Cams

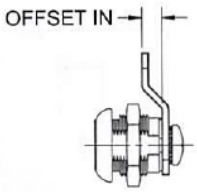
Front View



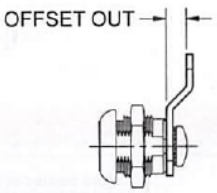
Straight Cam



Offset In Cam



Offset Out Cam



Dimension L	Straight	Offset Dimensions				
		.063 [1.60]	.125 [3.18]	.188 [4.76]	.250 [6.35]	.375 [9.53]
.563 [14.30]	KC100	---	---	---	---	---
.625 [15.88]	KC101	---	---	---	---	---
.688 [17.48]	KC102	---	---	---	---	---
.750 [19.05]	KC103*	---	---	---	---	---
.813 [20.65]	KC104	---	---	---	---	---
.875 [22.23]	KC105*	KC404	KC429	KC454	KC479*	---
.938 [23.83]	KC106	KC405*	KC430	KC455	KC480	---
1.000 [25.40]	KC107*	KC406	KC431	KC456*	KC481*	---
1.063 [27.00]	KC108	KC407	KC432	KC457	KC482	KC147
1.125 [28.58]	KC109*	KC408	KC433	KC458	KC483	KC148
1.188 [30.18]	KC110*	KC409	KC434	KC459*	KC484	KC149
1.250 [31.75]	KC111*	KC410*	KC435*	KC460*	KC485*	KC150*
1.313 [33.35]	KC112	KC411	KC436	KC461	KC486	KC151
1.375 [34.93]	KC113	KC412	KC437	KC462	KC487	KC152*
1.438 [36.53]	KC114	KC413	KC438	KC463	KC488	KC153
1.500 [38.10]	KC115*	KC414*	KC439*	KC464*	KC489*	KC154*
1.563 [39.70]	KC116	KC415	KC440	KC465*	KC490	KC155
1.625 [41.28]	KC117	KC416	KC441	KC466	KC491	KC156
1.688 [42.88]	KC118	KC417	KC442	KC467	KC492	KC157
1.750 [44.45]	KC119*	KC418*	KC443*	KC468*	KC493*	KC158*
1.813 [46.05]	KC120	KC419	KC444	KC469	KC494	KC159
1.875 [47.63]	KC121	KC420	KC445	KC470	KC495	KC160
1.938 [49.23]	KC122	KC421	KC446	KC471	KC496	KC161
2.000 [50.80]	KC123*	KC422*	KC447*	KC472*	KC497*	KC162*
2.063 [52.40]	KC124*	---	---	---	---	---
2.125 [53.98]	KC125	---	---	---	---	---
2.188 [55.58]	KC126	---	---	---	---	---
2.250 [57.15]	KC127*	---	---	---	---	---
2.313 [58.75]	KC128	---	---	---	---	---
2.375 [60.33]	KC129	---	---	---	---	---
2.438 [61.93]	KC130	---	---	---	---	---
2.500 [63.50]	KC131*	---	---	---	---	---

- steel, zinc plated
- may have a square or star punch

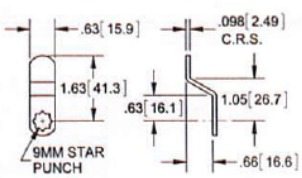
- * these cams are stock items

Miscellaneous Cams

Part Number	Material	Finish
KC010*	steel	zinc plated

Offset Cam

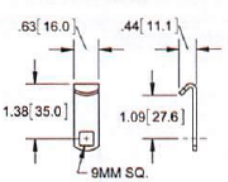




Part Number	Material	Finish
KC030	steel	zinc plated

Bent Cam

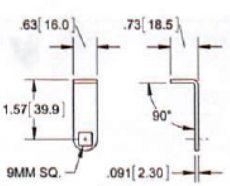




Part Number	Material	Finish
KC900	steel	zinc plated

Bent Cam

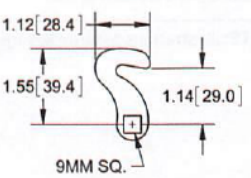




Part Number	Material	Finish
KC006*	.118 [3] steel	zinc plated

Hook Cam Straight





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9mm Straight and Offset Cams

Hook Right - Part Numbers By Length and Offset

Dimension H	Straight	Offset Dimensions									
		.063 [1.60]		.125 [3.18]		.188 [4.76]		.250 [6.35]		.375 [9.53]	
		In	Out	In	Out	In	Out	In	Out	In	Out
.625 [15.88]	KC201*	---	---	---	---	---	---	---	---	---	---
.688 [17.48]	KC202	KC601	KC801	---	---	---	---	---	---	---	---
.750 [19.05]	KC203	KC602	KC802	KC627	KC827	---	---	---	---	---	---
.813 [20.65]	KC204	KC603	KC803	KC628	KC828	KC653	KC853	KC678	KC878	---	---
.875 [22.23]	KC205	KC604	KC804	KC629	KC829	KC654	KC854	KC679	KC879	---	---
.938 [23.83]	KC206	KC605	KC805	KC630	KC830	KC655	KC855	KC680	KC880	---	---
1.000 [25.40]	KC207*	KC606	KC806	KC631	KC831*	KC656	KC856	KC681	KC881	KC246	KC346
1.063 [27.00]	KC208	KC607	KC807	KC632	KC832	KC657	KC857	KC682	KC882	KC247	KC347
1.125 [28.58]	KC209*	KC608	KC808	KC633	KC833	KC658	KC858	KC683	KC883	KC248	KC348
1.188 [30.18]	KC210	KC609	KC809	KC634	KC834	KC659	KC859	KC684	KC884	KC249	KC349
1.250 [31.75]	KC211*	KC610	KC810	KC635	KC835	KC660	KC860	KC685	KC885	KC250	KC350
1.313 [33.35]	KC212	KC611	KC811	KC636	KC836	KC661*	KC861*	KC686	KC886	KC251	KC351
1.375 [34.93]	KC213	KC612	KC812	KC637*	KC837	KC662	KC862	KC687	KC887	KC252	KC352
1.438 [36.53]	KC214	KC613	KC813	KC638	KC838	KC663	KC863	KC688	KC888	KC253	KC353
1.500 [38.10]	KC215*	KC614	KC814	KC639	KC839	KC664	KC864	KC689	KC889	KC254	KC354
1.563 [39.70]	KC216*	KC615	KC815	KC640	KC840	KC665	KC865	KC690	KC890	KC255	KC355
1.625 [41.28]	KC217	KC616	KC816	KC641	KC841	KC666	KC866	KC691	KC891	KC256	KC356
1.688 [42.88]	KC218	KC617	KC817	KC642	KC842	KC667	KC867	KC692	KC892	KC257	KC357
1.750 [44.45]	KC219	KC618	KC818	KC643	KC843	KC668	KC868	KC693	KC893	KC258	KC358

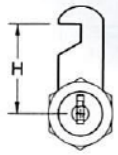
- * these cams are stock items
- straight cams are reversible

Hook Left - Part Numbers By Length and Offset

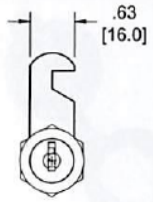
Dimension H	Straight	Offset Dimensions									
		.063 [1.60]		.125 [3.18]		.188 [4.76]		.250 [6.35]		.375 [9.53]	
		In	Out	In	Out	In	Out	In	Out	In	Out
.625 [15.88]	KC301	---	---	---	---	---	---	---	---	---	---
.688 [17.48]	KC302	KC801	KC601	---	---	---	---	---	---	---	---
.750 [19.05]	KC303*	KC802	KC602	KC827	KC627	---	---	---	---	---	---
.813 [20.65]	KC304	KC803	KC603	KC828	KC628	KC853	KC653	KC878	KC678	---	---
.875 [22.23]	KC305	KC804	KC604	KC829	KC629	KC854	KC654	KC879	KC679	---	---
.938 [23.83]	KC306	KC805	KC605	KC830	KC630	KC855	KC655	KC880	KC680	---	---
1.000 [25.40]	KC307	KC806	KC606	KC831*	KC631	KC856	KC656	KC881	KC681	KC346	KC246
1.063 [27.00]	KC308	KC807	KC607	KC832	KC632	KC857	KC657	KC882	KC682	KC347	KC247
1.125 [28.58]	KC309	KC808	KC608	KC833	KC633	KC858	KC658	KC883	KC683	KC348	KC248
1.188 [30.18]	KC310	KC809	KC609	KC834	KC634	KC859	KC659	KC884	KC684	KC349	KC249
1.250 [31.75]	KC311	KC810	KC610	KC835	KC635	KC860	KC660	KC885	KC685	KC350	KC250
1.313 [33.35]	KC312	KC811	KC611	KC836	KC636	KC861*	KC661*	KC886	KC686	KC351	KC251
1.375 [34.93]	KC313	KC812	KC612	KC837	KC637*	KC862	KC662	KC887	KC687	KC352	KC252
1.438 [36.53]	KC314	KC813	KC613	KC838	KC638	KC863	KC663	KC888	KC688	KC353	KC253
1.500 [38.10]	KC315	KC814	KC614	KC839	KC639	KC864	KC664	KC889	KC689	KC354	KC254
1.563 [39.70]	KC316	KC815	KC615	KC840	KC640	KC865	KC665	KC890	KC690	KC355	KC255
1.625 [41.28]	KC317	KC816	KC616	KC841	KC641	KC866	KC666	KC891	KC691	KC356	KC256
1.688 [42.88]	KC318	KC817	KC617	KC842	KC642	KC867	KC667	KC892	KC692	KC357	KC257
1.750 [44.45]	KC319	KC818	KC618	KC843	KC643	KC868	KC668	KC893	KC693	KC358	KC258

- * these cams are stock items
- straight cams are reversible

Front View - Hook Left



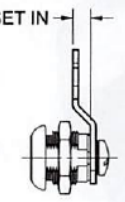
Front View - Hook Right



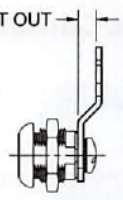
Straight Cam



Offset In Cam



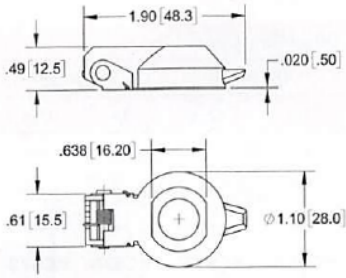
Offset Out Cam



- steel, zinc plated
- may have a square or star punch

Cam Lock Dust Cover



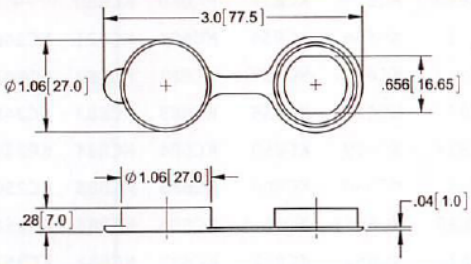


Part Number	Finish
K220	chrome

- protects cam lock from dirt and water
- spring loaded lid keeps itself closed
- stamped stainless steel/zinc die cast construction

Plastic Cam Lock Dust Cover



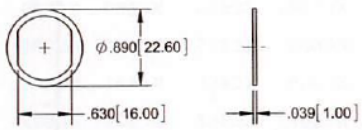


Part Number	Finish
K221	black

- durable thermoplastic

Neoprene Gasket

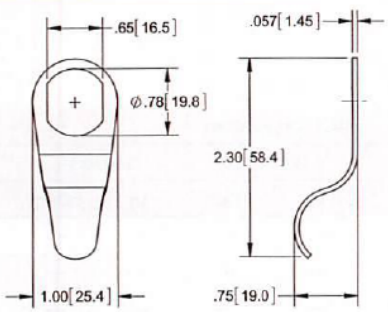




Part Number	Finish
K04G	black

Cam Lock Finger Pull

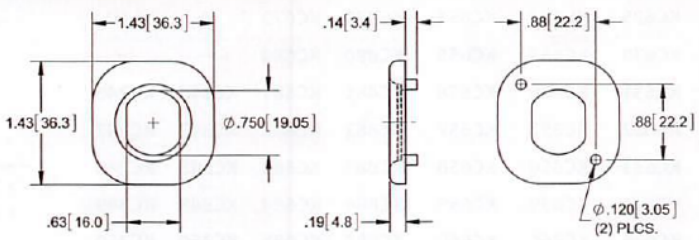




Part Number	Material	Finish
KH34SS	304SS	tumbled

Plastic Cam Lock Base UV

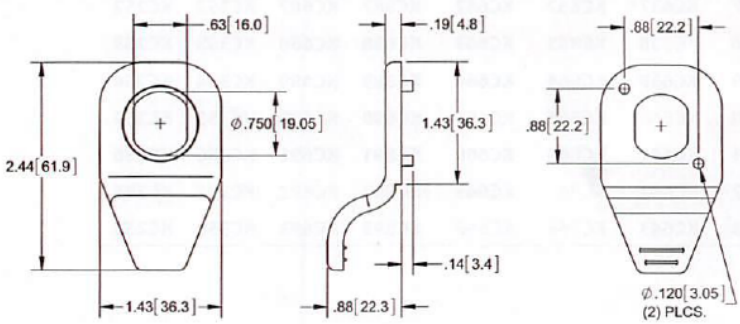




Part Number	Material	Finish
KH36PW	UV stable polycarbonate	polar white
KH36NW	UV stable polycarbonate	new white

Plastic Cam Lock Finger Pull UV





Part Number	Material	Finish
KH35PW	UV stable polycarbonate	polar white
KH35NW	UV stable polycarbonate	new white

Trim Ring

Part Number	Material	Outside Dia.	Height	Finish
KH02NP	steel	1.13 [28.6]	.087 [2.21]	nickel plated
KH02CP	steel	1.13 [28.6]	.087 [2.21]	chrome plated
KH02BP	steel	1.13 [28.6]	.087 [2.21]	brass plated
KH02SS	304SS	1.13 [28.6]	.087 [2.21]	tumbled & polished

- fits behind head of standard 3/4 [19] diameter lock



Mounting Clip

Part Number	Material	Finish
KH20	spring steel	nickel plated

- holds lock in place instead of a hex nut for quicker installation
- for standard cam locks



Washer

Part Number	Material	Outside Dia.	Thickness	Finish
KH04	steel	1.05 [26.6]	.031 [.79]	zinc plated

- fits standard 3/4 [19] diameter lock with two flats



Mounting Clip

Part Number	Material	Finish
KH23	spring steel	zinc plated

- holds lock in place instead of a hex nut for quicker installation
- for standard cam locks
- low profile



Stainless Steel 4-Prong Spur Washer

Part Number	Material	Outside Dia.	Thickness	Finish
KH31SS	304SS	1.00 [25.4]	.051 [1.19]	mill

- fits standard 3/4 [19] diameter lock with two flats
- recommended for wood applications



90° Reversible Stop Washer

Part Number	Finish
KH40	zinc plated

- reverses for clockwise or counterclockwise operation



4-Prong Spur Washer

Part Number	Material	Outside Dia.	Thickness	Finish
KH32	steel	1.31 [33.3]	.03 [.79]	clear zinc

- fits standard 3/4 [19] diameter lock with two flats
- recommended for wood applications



180° Reversible Stop Washer

Part Number	Finish
KH42	zinc plated

- reverses for clockwise or counterclockwise operation



Body Nuts

Part Number	Wrench Size	Thickness	Finish
KH10	.88 [22.2]	.172 [4.37]	nickel plated
KH11	1.00 [25.4]	.359 [9.13]	nickel plated
KH12	.88 [22.2]	.141 [3.57]	zinc plated

- material: die cast zinc
- fits standard 3/4 [19] diameter locks
- 3/4" - 24 thread



Cam Mounting Screw

Part Number	Finish
KH50	zinc plated

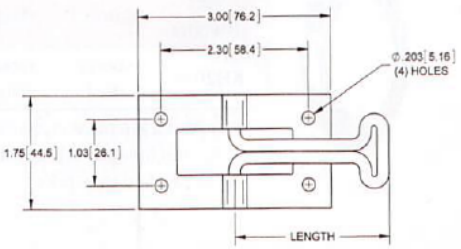
- for locks with screw-on cam
- 1/4-20 UNC thread
- .23 [6.0] long
- Phillips head



Wire Door Holders



female dimensions are the same as male overall dimensions.



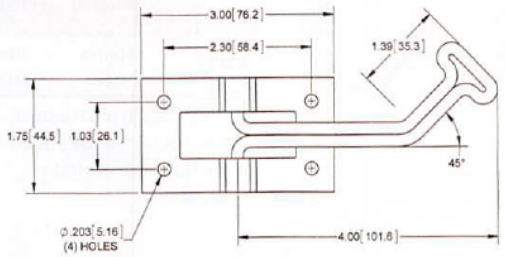
Part Number	Length	Material	Finish
601SS03	2.5 [64]	304SS	electropolished
601	4 [102]	steel	zinc plated
601SS	4 [102]	304SS	electropolished
609ZN	6 [152]	steel	zinc plated
609SS	6 [152]	304SS	electropolished

- parts include female receiver

45° Wire Door Holders



female dimensions are the same as male overall dimensions.



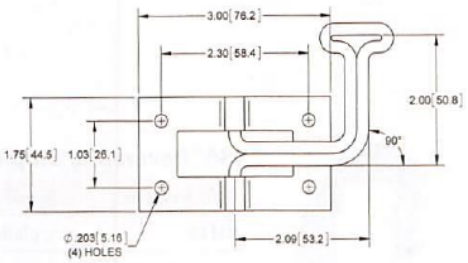
Part Number	Length	Material	Finish
60202	4 [102]	steel	zinc plated

- part includes female receiver

90° Wire Door Holders



female dimensions are the same as male overall dimensions.



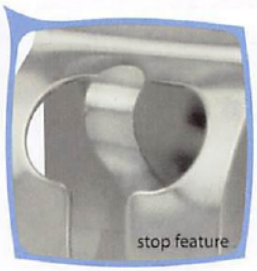
Part Number	Length	Material	Finish
602	2 [51]	steel	zinc plated
602SS	2 [51]	304SS	electropolished

- parts include female receiver

Wire Door Holder and Female Keeper with Stop Feature



NOTE: part dimensions are the same as part no. **601SS** above.



female dimensions are the same as male overall dimensions.



Plastic Base
part no. **P1016**

Part Number	Length	Material	Finish
603SS	4 [102]	304SS	electropolished

- part includes female receiver
- stop feature holds the wire bail in the female receiver; bail cannot pop out without being manually released

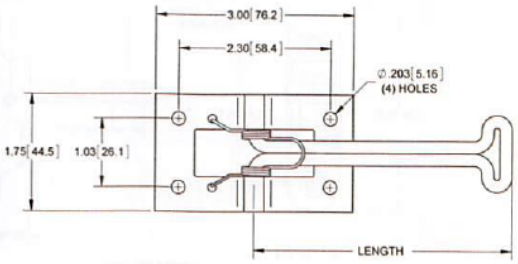
Plastic Base

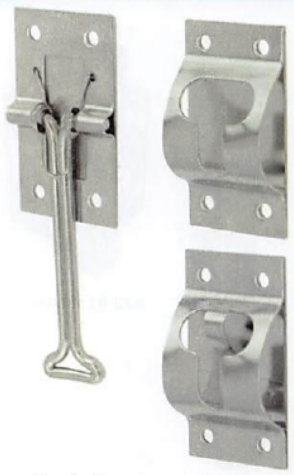
Part Number	Description
P1016	plastic base for all male and female wire door holders

Spring Loaded Wire Door Holders

Part No.	Length	Material	Finish
60101*	4 [102]	steel	zinc plated
601SS01	4 [102]	304SS	electropolished
603SS01	4 [102]	304SS includes female receiver with stop feature	electropolished
603SS02	6 [152]	304SS includes female receiver with stop feature	electropolished

- parts include female receiver
- female receiver with stop feature may be purchased separately as part no. **603SS03**; see pg. 338 for close-up
- spring loaded bail to prevent rattle
- * non-stock



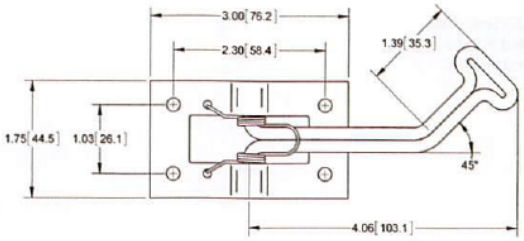


female dimensions are the same as male overall dimensions.

Spring Loaded 45° Wire Door Holders

Part Number	Length	Material	Finish
60202SS01	4 [102]	304SS	electropolished

- part includes female receiver
- spring loaded bail to prevent rattle



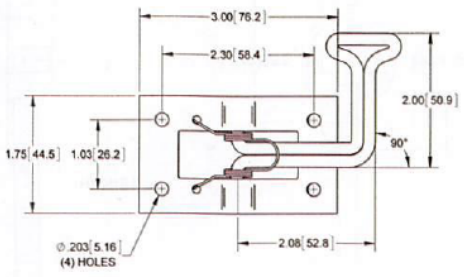


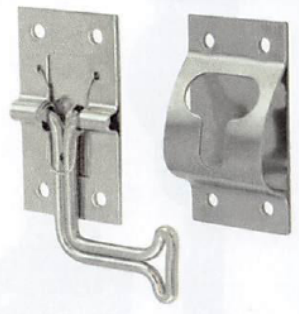
female dimensions are the same as male overall dimensions.

Spring Loaded 90° Wire Door Holders

Part Number	Length	Material	Finish
60201*	2 [51]	steel	zinc plated
602SS01	2 [51]	304SS	electropolished

- parts include female receiver
- spring loaded bail to prevent rattle
- * non-stock



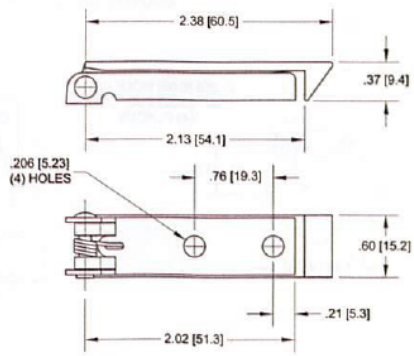


female dimensions are the same as male overall dimensions.

Baggage Door Catch

Part Number	Description	Finish
625	die cast zinc pull	silver paint
	18 gauge 304SS base	mill

- spring loaded (stainless steel spring)

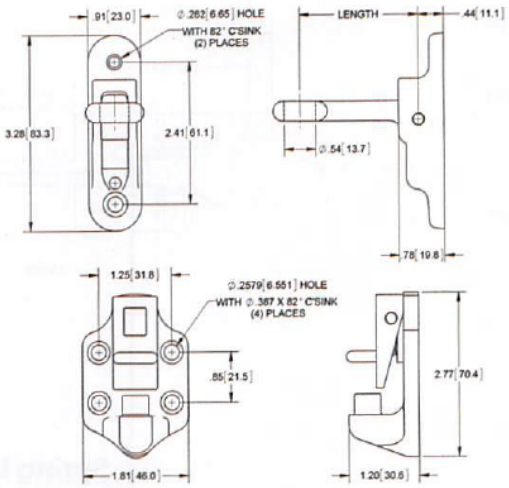




Two-Piece Aluminum Door Hold-Backs



620-01 shown





NOTE: the 622-Series has a spring loaded arm to keep it from rattling

No Spring Kits

Part Number	Length	Finish
620	2.00 [50.8]	tumbled polished
620-01	4.00 [101.6]	tumbled polished
620-03	6.00 [152.4]	tumbled polished
620-07	10.00 [254.0]	tumbled polished
620BK	2.00 [50.8]	black e-coated
620BK-01	4.00 [101.6]	black e-coated
620BK-03	6.00 [152.4]	black e-coated
620BK-07	10.00 [254.0]	black e-coated

- two-piece kits are packaged inside a sealed polybag
- 300 series stainless steel pins

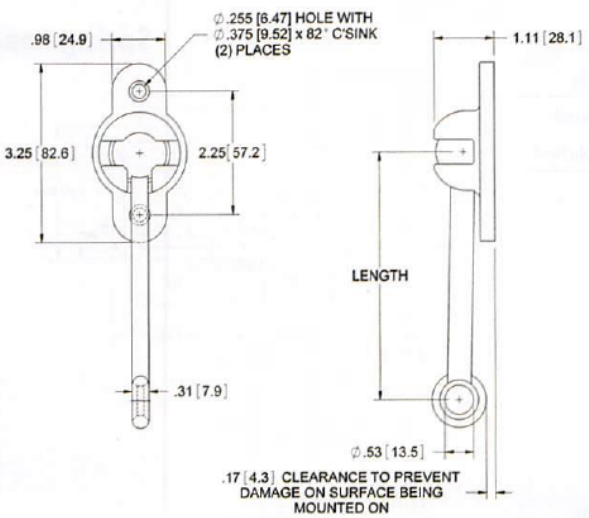
Spring Loaded Kits

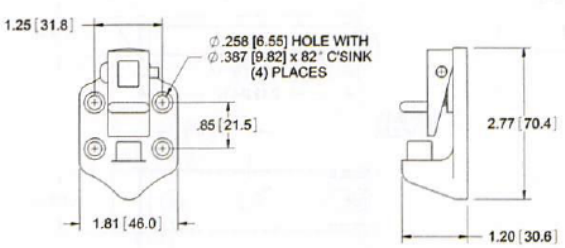
Part Number	Length	Finish
622	2.00 [50.8]	tumbled polished
622-01	4.00 [101.6]	tumbled polished
622-03	6.00 [152.4]	tumbled polished
622-07	10.00 [254.0]	tumbled polished

Three-Piece Aluminum Ball and Socket Door Hold-Backs



621-01 shown





Part Number	Length	Finish
621	2.00 [50.8]	black e-coated
621P	2.00 [50.8]	tumbled polished
621-01	4.50 [114.3]	black e-coated
621P-01	4.50 [114.3]	tumbled polished
621-03	6.00 [152.4]	black e-coated
621P-03	6.00 [152.4]	tumbled polished
621-07	10.00 [254.0]	black e-coated
621P-07	10.00 [254.0]	tumbled polished

- three-piece kits are packaged inside a sealed polybag
- 300 series stainless steel pins

UV Plastic Door Holders

Features
▸ made of UV resistant high impact flexible plastic
▸ will not damage surface when mounted

3.50 [88.9] Door Holders

Part Number	Length	Color
624BK	3.50 [88.9]	black
624G	3.50 [88.9]	gray
NEW 624PW	3.50 [88.9]	pure white

5.50 [139.7] Door Holders

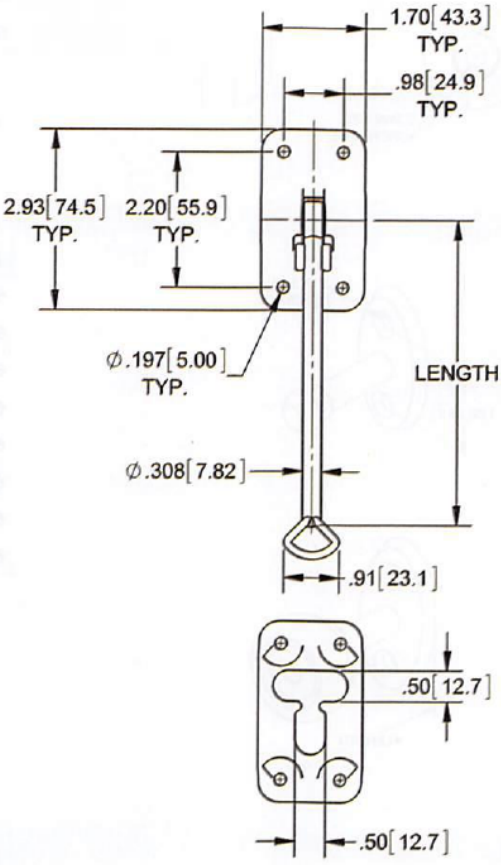
Part Number	Length	Color
626BK	5.50 [139.7]	black
626G	5.50 [139.7]	gray
NEW 626PW	5.50 [139.7]	pure white

7.50 [190.5] Door Holders

Part Number	Length	Color
628BK	7.50 [190.5]	black
628G	7.50 [190.5]	gray
NEW 628PW	7.50 [190.5]	pure white

9.50 [241.3] Door Holders

Part Number	Length	Color
630BK	9.50 [241.3]	black
630G	9.50 [241.3]	gray
630W	9.50 [241.3]	white



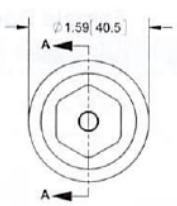


Plunger & Socket Door Holder

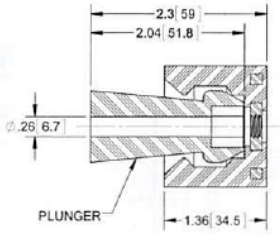
Part Number	Plunger Material	Socket Material
639	black plastic	black rubber with steel insert

- adjustable socket increases holding capacity by tightening mounting screw
- screw not included

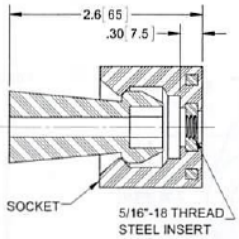




TOP VIEW



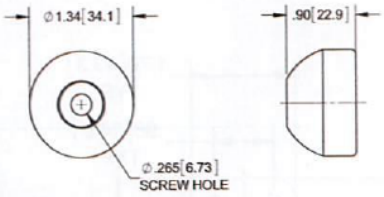
SECTION A-A
ALL THE WAY IN



SECTION A-A
JUST IN

Female Door Sockets



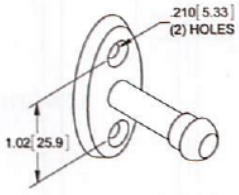


Part Number	Description	Finish
600	nylon socket insert	white
600BK	nylon socket insert	black

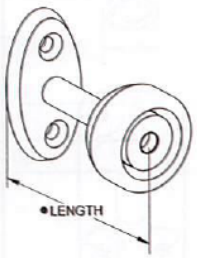
- adjustable socket increases holding capacity by tightening mounting screw
- screw not included

Male Door Holders







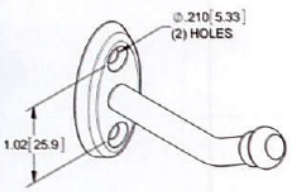


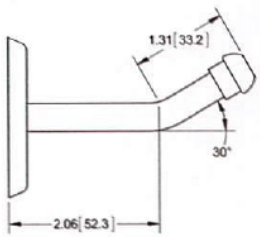
Part Number	Description	Finish
604ZN	1.5 [38.1] steel	zinc plated
604SS	1.5 [38.1] 304SS	polished
605ZN	2.5 [63.5] steel	zinc plated
605SS	2.5 [63.5] 304SS	polished
606ZN	3.5 [88.9] steel	zinc plated
606SS	3.5 [88.9] 304SS	polished
607ZN	4.5 [114.3] steel	zinc plated
607SS	4.5 [114.3] 304SS	polished

- male holder and female socket sold separately
- length determined in assembled state

Male Door Holders with 30° Offset





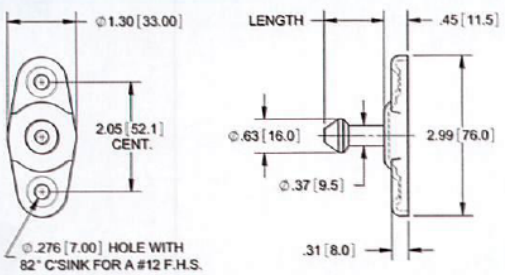


Part Number	Description	Finish
611SS	3.5 [88.9] 304SS with 30° offset	polished

- length determined in assembled state

Plunger & Socket Door Holder

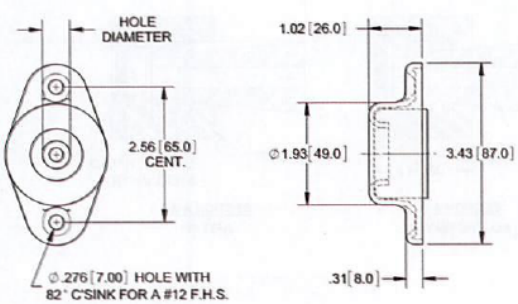




Male Door Holder Plungers

Part No.	Description	Length	Finish
613ZN	1-5/8" steel	1.14 [29.0]	zinc plated
614ZN	2-1/8" steel	1.65 [41.9]	zinc plated
615ZN	2-5/8" steel	2.24 [56.9]	zinc plated
616ZN	3-1/8" steel	2.72 [69.1]	zinc plated





Female Door Holder Socket

Part No.	Description	Length	Finish
619	tight fit socket	.528 [13.41]	zinc plated

Tie Down Information

Load capacities are based upon testing under controlled laboratory conditions at room temperature and when the product is new. Unusual conditions such as extreme high and low temperatures, chemical exposure, constant exposure to salt water, etc. need to be considered in your selection and may necessitate a reduction of the Working Load Limit. It is the user's responsibility to determine suitability of a product for any particular use with the information that is provided.

Working Load Limit is the maximum load which should ever be applied to a product. The Federal D.O.T. requires the Working Load Limit not to exceed 1/3 of the Rated Load Capacity. You should never exceed the Working Load Limit!

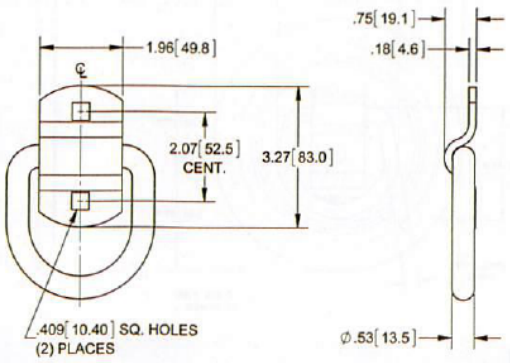
Breaking Load Capacity, also known as **Breaking Strength Capacity** or **Rated Load Capacity**, is the minimum load a complete assembly can withstand before failure in a laboratory pull test when the product is new. Do not use Breaking Strength Capacity or Breaking Load Capacity as a criterion for service or design purposes. Refer to the Working Load Limit.

For adequate safety protection, components to be attached to product must be of equal or greater strength. Avoid side loading. Load should be applied uniformly as a straight line pull only.

Forged Tie Downs

Part Number	Description	Finish	Working Load Limit
866	forged steel	mill	4,000 lb.
866ZN	forged steel	zinc plated	4,000 lb.

▸ parts shipped unassembled inside a sealed polybag

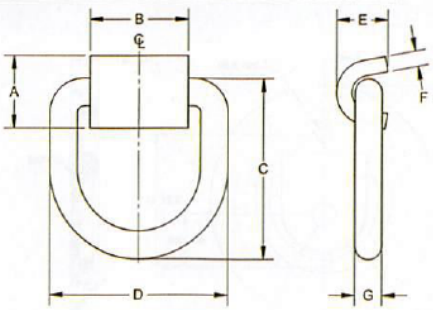




Forged Tie Downs

Part Number	A	B	C	D	E	F	G	Working Load Limit	Material	Finish
NEW 866-10	1.33 [33.8]	1.80 [45.7]	3.48 [88.5]	3.37 [85.7]	.95 [24.1]	.30 [7.6]	Ø.51 [13.0]	4,000 lb.	forged steel	mill
867	1.75 [44.5]	2.40 [61.0]	4.34 [110.2]	4.35 [110.5]	1.26 [32.0]	.374 [9.50]	Ø.67 [17.0]	6,000 lb.	forged steel	mill
868	1.75 [44.5]	2.40 [61.0]	4.47 [113.5]	4.46 [113.3]	1.26 [32.0]	.374 [9.50]	Ø.77 [19.6]	9,000 lb.	forged steel	mill
869	1.97 [50.0]	2.40 [61.0]	4.91 [124.7]	4.93 [125.2]	1.46 [37.1]	.374 [9.50]	Ø.96 [24.4]	15,500 lb.	forged steel	mill
870	1.97 [50.0]	2.40 [61.0]	5.89 [149.6]	4.90 [124.5]	1.46 [37.1]	.374 [9.50]	Ø.96 [24.4]	15,500 lb.	forged steel	mill

▸ parts shipped unassembled inside a sealed polybag

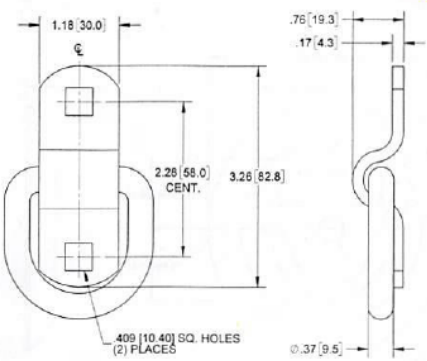




NEW Stainless Steel Tie Down

Part Number	Material	Finish	Working Load Limit
864SS	stainless steel	mill	1,700 lb.

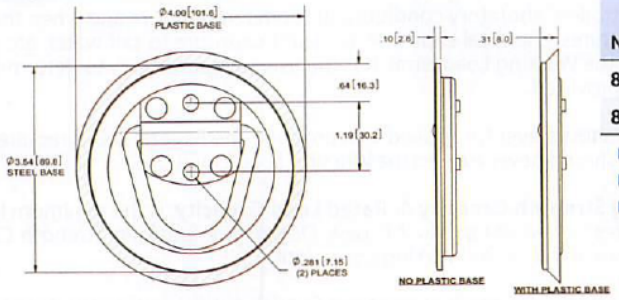
▸ shipped unassembled inside a sealed polybag





1,200 lb. Tie Down Rings



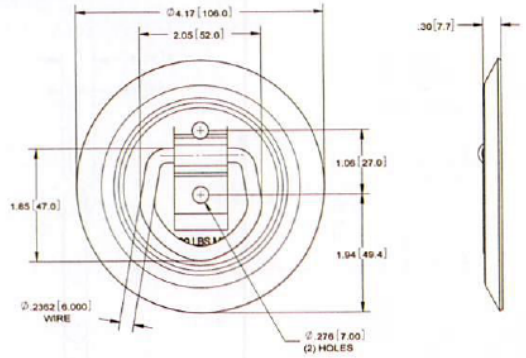


Part Number	Material	Finish	Plastic Base	Breaking Load Capacity
858	steel	zinc plated	yes	1,200 lb.
858-01	steel	zinc plated	no	1,200 lb.

- black plastic base is not included with part no. **858-01**
- Ø.250 [6.35] steel D-ring
- .063 [1.60] thick base and D-ring holder

1,200 lb. Tie Down Ring



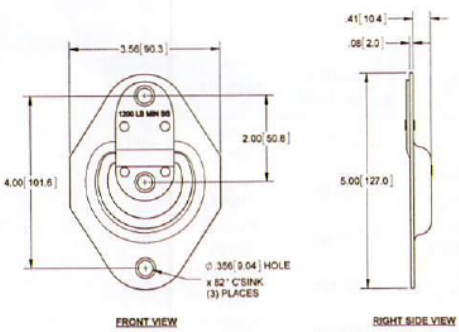


Part Number	Material	Finish	Breaking Load Capacity
863ZN	steel	zinc plated	1,200 lb.

- .059 [1.50] thick base

1,200 lb. Tie Down Ring

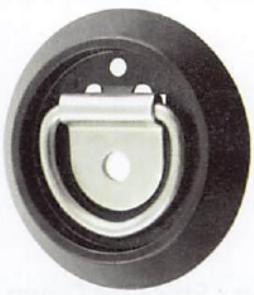


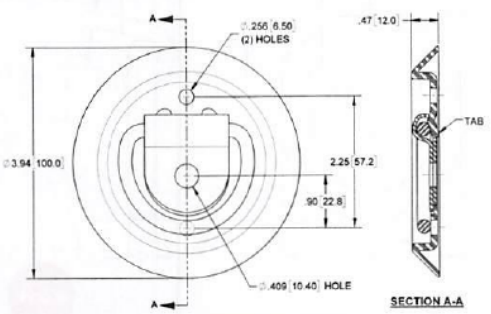


Part Number	Material	Finish	Breaking Load Capacity
856	steel	zinc plated	1,200 lb.

- Ø.236 [6.00] wire
- .079 [2.00] thick base and wire holder

1,200 lb. Tie Down Ring



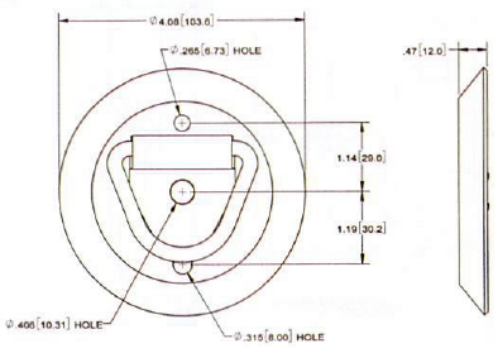


Part Number	Material	Finish	Breaking Load Capacity
858-05	steel	zinc plated	1,200 lb.

- black plastic base
- tab on plastic base provides a snug fit that prevents ring from rattling and holds it in place at any position
- Ø.236[6.00] steel D-ring
- .059[1.50] thick D-ring holder

1,500 lb. Tie Down Ring





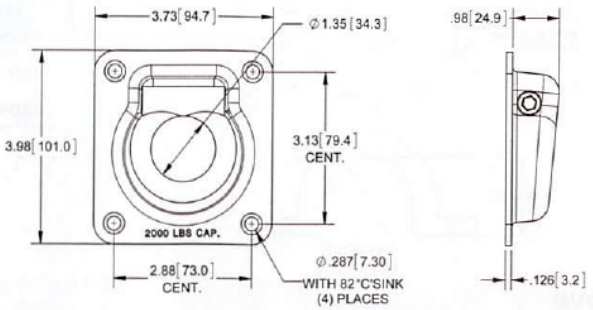
Part Number	Material	Finish	Breaking Load Capacity
857	steel/plastic	zinc plated	1,500 lb.

- black plastic base
- Ø.250 [6.35] steel D-ring
- .059 [1.50] thick D-ring holder
- D-ring assembly can be purchased separately as part number **857-01**

2,000 lb. Tie Down Rings

Part Number	Material	Finish	Breaking Load Capacity
891ZN	steel	zinc plated	2,000 lb.
891SS	304SS	mill	2,000 lb.
891M	steel	mill	2,000 lb.

- Ø.433 [11.00] thick ring
- .126 [3.20] thick base





6,000 lb. Tie Down Rings

Part Number	Material	Finish	Holes
890ZN	steel	zinc plated	Ø.406 [10.31]
890ZN-01	steel	zinc plated	.391 [9.93] sq.
890SS-01	304SS	passivated	.391 [9.93] sq.

- Ø.433 [11.00] thick ring
- .118 [3.00] thick base
- 6,000 lb. breaking load capacity

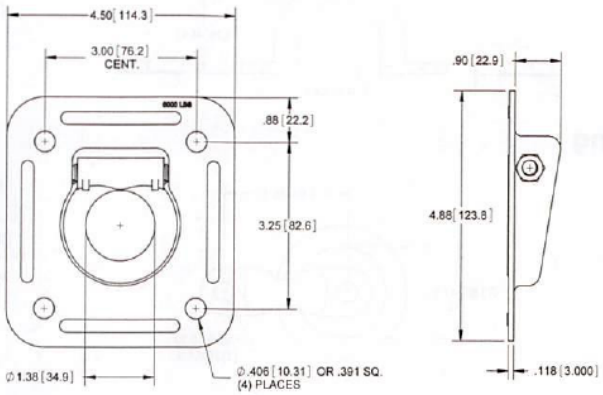
Back Support Plate

Part No. 890BP

back support for:
890ZN and **890ZN-01**



- material: steel
- finish: zinc plated
- size:
  6.50 [165.1] sq. x .098 [2.50] thick.





round holes
part no. **890ZN**

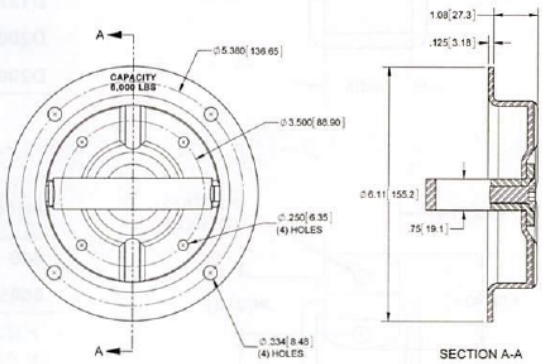


sq. holes
part no. **890ZN-01**

6,000 lb. Tie Down Rings

Part Number	Material	Finish	Breaking Load Capacity
895	steel	zinc plated	6,000 lb.
895SS	304SS	electropolished	6,000 lb.
895M*	steel	mill (pan only)	6,000 lb.
NEW **895M-01***	steel	mill	6,000 lb.

- .250 [6.35] thick ring
- .125 [3.18] thick base
- *parts no. **895M** and **895M-01** do not have holes

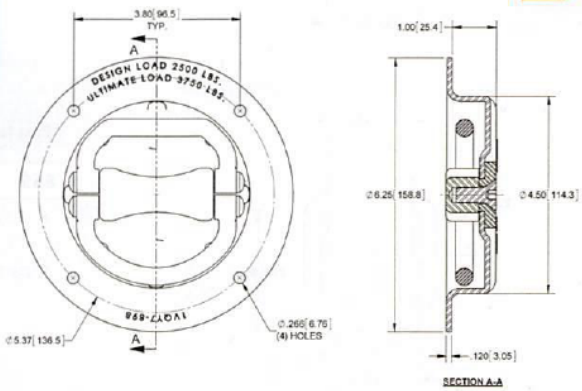


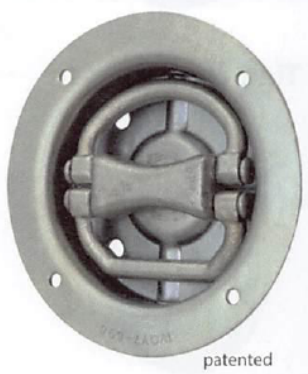


PAT. 3,750 lb. Tie Down Ring

Part Number	Material	Finish	Breaking Load Capacity Per Ring
898	steel	zinc plated	3,750 lb.

- Ø.400 [10.16] thick forged rings
- .120 [3.05] thick base

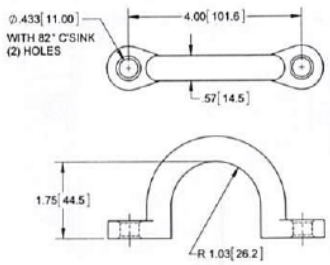




patented

Tie Off Rings

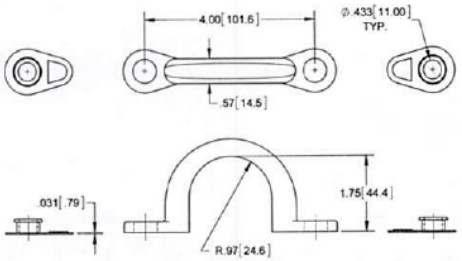




Part Number	Material	Finish	Breaking Load Capacity
880	aluminum casting	tumbled	1,300 lb.
880-01	aluminum casting	polished	1,300 lb.

Tie Off Rings with Groove



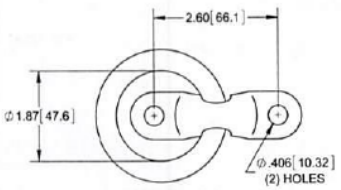


Part Number	Material	Finish	Breaking Load Capacity
880SS-02	304SS	tumbled	3,500 lb.
880SS*	304SS	tumbled	3,500 lb.

- part no. **880SS-02** is shipped with (2) rubber gaskets
- * part no. **880SS** does not include gaskets

Two Piece Tie Off Ring



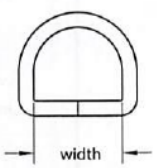


Part Number	Material	Finish	Breaking Load Capacity
885-01	aluminum	polished	1,000 lb.

- Ø.438 [11.13] ring thickness

D-Rings

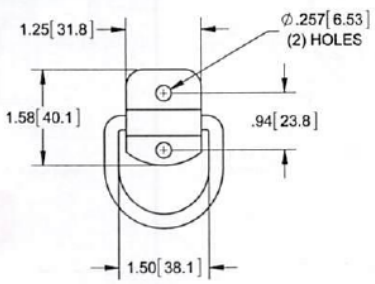




Part Number	Wire Dia.	Width	Material	Finish
D127	.236 [6.00]	1.50 [38.1]	steel	nickel
D200	.236 [6.00]	2.17 [55.1]	steel	nickel
D200SS	.236 [6.00]	2.13 [54.1]	304SS	electropolished

Tie Downs



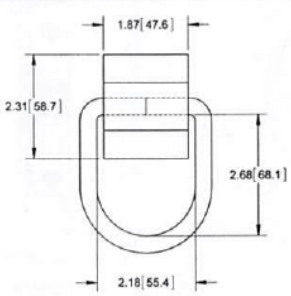


Part Number	Material	Finish	Breaking Load Capacity
860	steel	zinc plated	1,000 lb.
860SS	304SS	electropolished	1,500 lb.

- Ø.236 [6.00] steel D-ring
- .074 [1.88] thick D-ring holder
- parts shipped unassembled inside a sealed polybag

Tie Down





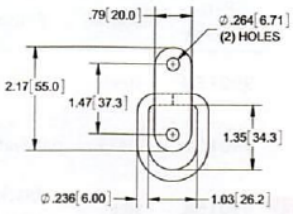
Part Number	Material	Finish	Breaking Load Capacity
859	steel	zinc plated	3,000 lb.

- Ø.375 [9.53] steel D-ring
- .135 [3.43] thick D-ring holder
- part shipped unassembled inside a sealed polybag

Tie Downs

Part Number	Material	Finish	Breaking Load Capacity
861	steel	zinc plated	3,500 lb.
861SS	304SS	electropolished	3,500 lb.

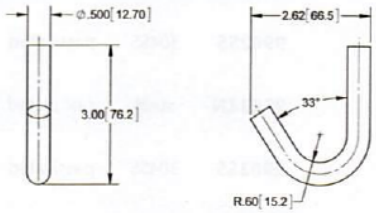
- Ø.236 [6.00] steel D-ring
- .138 [3.50] thick D-ring holder
- parts shipped unassembled inside a sealed polybag





Steel J Hook

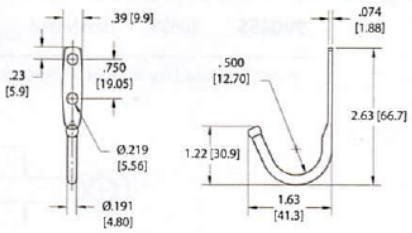
Part Number	Material	Finish
807	steel	mill





Locker Hook

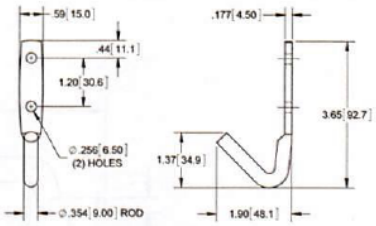
Part Number	Material	Finish
804	steel	zinc plated





Locker Hook

Part Number	Material	Finish
805	steel	zinc plated

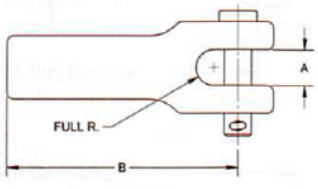




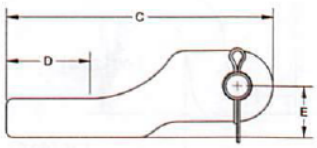
Forged Chain Retainers

Part No.	Chain Size	Breaking Load Capacity	A	B	C	D	E	F	G	H
D387	5/16 [8.0]	10,000 lb.	.50 [12.7]	3.25 [82.6]	3.75 [95.3]	1.18 [30.0]	.72 [18.3]	Ø.39 [9.9]	1.28 [32.5]	1.22 [31.0]
D388	3/8 [9.5]	25,000 lb.	.60 [15.2]	3.59 [91.2]	4.16 [105.7]	1.30 [33.0]	.75 [19.1]	Ø.47 [11.9]	1.57 [39.9]	1.32 [33.5]
D388-01	1/2 [12.7]	32,000 lb.	.73 [18.5]	3.82 [97.2]	4.50 [114.3]	1.30 [33.0]	.90 [23.2]	Ø.70 [17.0]	1.77 [45.0]	1.59 [40.3]

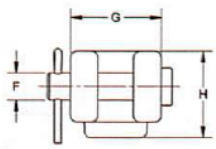
- aids for replacement of damaged or worn safety chains quickly and easily
- finish: mill with zinc plated components
- see pg. 343 for working load limit information



TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW

5/16" retainer part no. **D387**



3/8" retainer part no. **D388**



1/2" retainer part no. **D388-01**

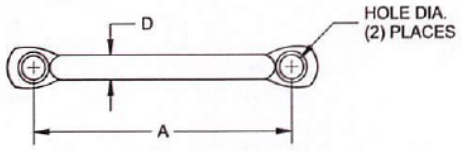


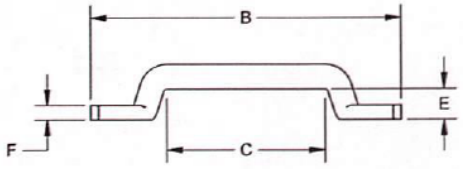
Footman Loops



Part Number	Material	Finish	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Dim. F	Hole Dia.
9901ZN	steel	zinc plated	2.13 [54.0]	2.67 [67.8]	1.12 [28.4]	Ø.28 [7.0]	.25 [6.4]	.15 [3.7]	Ø.20 [5.2] x 82° c'sink
9901SS	304SS	passivated	2.13 [54.0]	2.67 [67.8]	1.12 [28.4]	Ø.28 [7.0]	.25 [6.4]	.15 [3.7]	Ø.20 [5.2] x 82° c'sink
NEW **9901BK**	steel	black e-coated	2.13 [54.0]	2.67 [67.8]	1.12 [28.4]	Ø.28 [7.0]	.25 [6.4]	.15 [3.7]	Ø.20 [5.2] x 82° c'sink
9902ZN	steel	zinc plated	2.24 [57.0]	2.79 [70.8]	1.37 [34.8]	Ø.28 [7.0]	.25 [6.4]	.15 [3.7]	Ø.24 [6.2] x 82° c'sink
9902SS	304SS	passivated	2.24 [57.0]	2.79 [70.8]	1.37 [34.8]	Ø.28 [7.0]	.25 [6.4]	.15 [3.7]	Ø.24 [6.2] x 82° c'sink
9903ZN	steel	zinc plated	2.63 [66.8]	3.17 [80.5]	1.61 [41.0]	Ø.28 [7.0]	.31 [7.8]	.15 [3.7]	Ø.24 [6.2] x 82° c'sink
9903SS	304SS	passivated	2.63 [66.8]	3.17 [80.5]	1.61 [41.0]	Ø.28 [7.0]	.31 [7.8]	.15 [3.7]	Ø.24 [6.2] x 82° c'sink
9904ZN	steel	zinc plated	3.09 [78.5]	3.64 [92.5]	2.09 [53.0]	Ø.28 [7.0]	.31 [7.8]	.16 [4.0]	Ø.24 [6.2] x 82° c'sink
9904SS	304SS	passivated	3.09 [78.5]	3.64 [92.5]	2.09 [53.0]	Ø.28 [7.0]	.31 [7.8]	.16 [4.0]	Ø.24 [6.2] x 82° c'sink

▸ not intended for load bearing applications



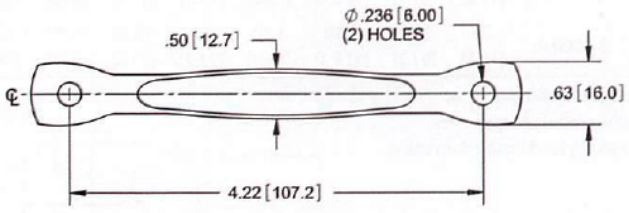


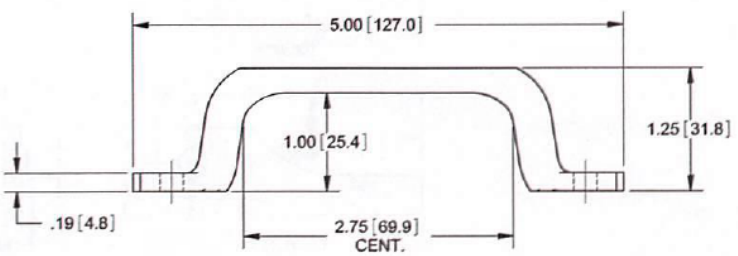
Large Footman Loop



Part Number	Material	Finish
9905ZN	steel	zinc plated

▸ not intended for load bearing applications





CUSTOM HARDWARE SPECIALISTS

Much of **Sierra Pacific's** revenues come from parts **not** shown in this catalog. These are proprietary items made to customer specifications.



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ENGINEERING AND PRODUCTS

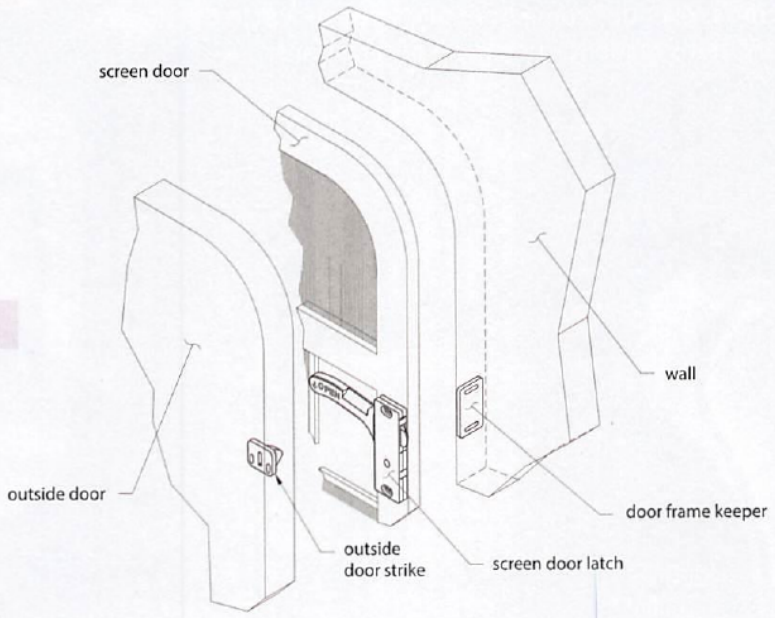
800.433.5554 order@spep.com

RV Screen Door Latches

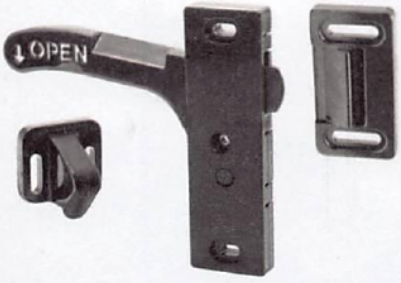
RV Screen Door Latches

- mounting screws not included
- high impact plastics
- stainless steel spring

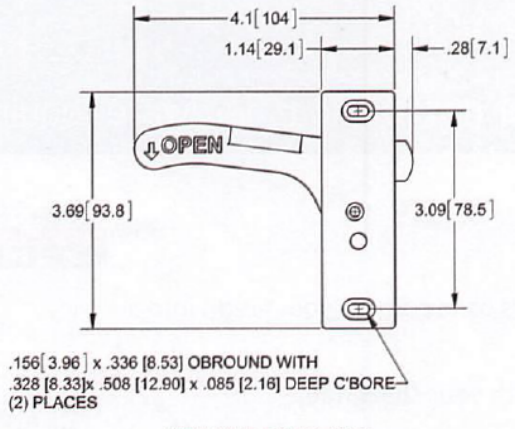
installation view



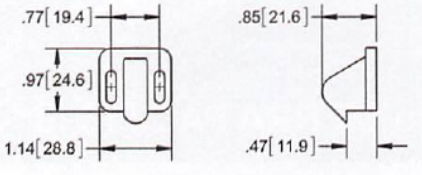
Left and Right Hand Latches with 3.09 [78.5] Mounting Centers



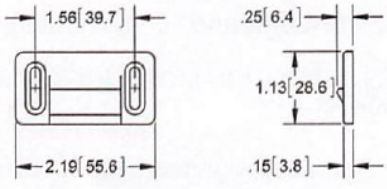
Part Number	Description
1170-01	left hand latch, strike & keeper
1171-01	right hand latch, strike & keeper
1170	left hand door latch
1171	right hand door latch
1172	outside door strike
1173	door frame keeper



LEFT HAND DOOR LATCH



OUTSIDE DOOR STRIKER

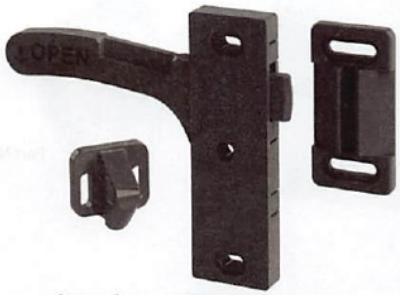


DOOR FRAME KEEPER

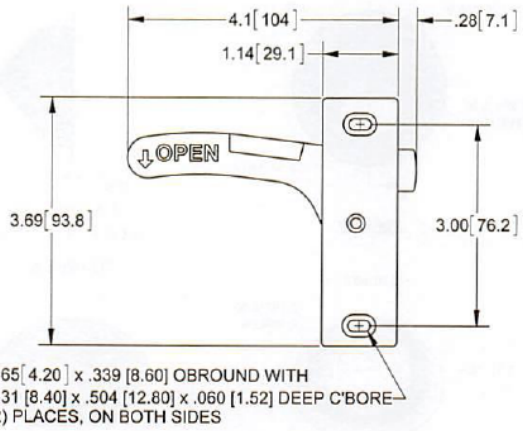
PAT. Bidirectional Latch with 3.00 [76.2] Mounting Centers

Part Number	Description
1136	latch, strike & keeper
1135	door latch
1135S	outside door strike
1135K	door frame keeper

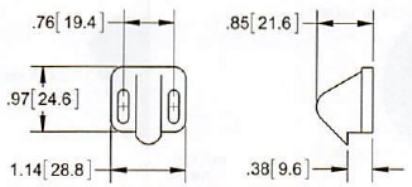
- may be used for a left or right hand door



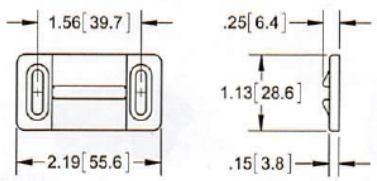
patented



DOOR LATCH



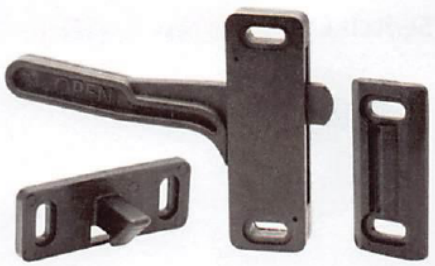
OUTSIDE DOOR STRIKER

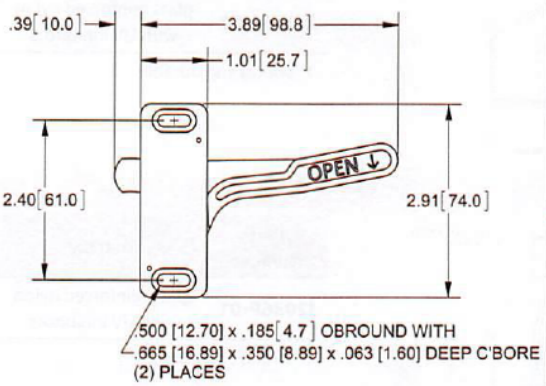


DOOR FRAME KEEPER

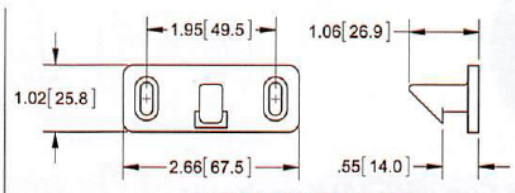
Economy Latch with 2.40 [61.0] Mounting Centers

Part Number	Description
1131LH	left hand door latch
1131RH	right hand door latch
1131S	outside door strike
1131K	door frame keeper
1132LH	left hand polybagged kit with latch, strike & keeper
1132RH	right hand polybagged kit with latch, strike & keeper

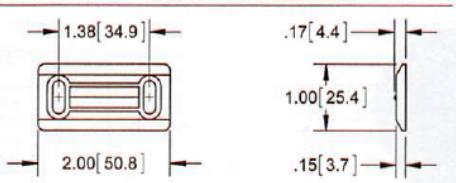




RIGHT HAND DOOR LATCH



OUTSIDE DOOR STRIKER



DOOR FRAME KEEPER

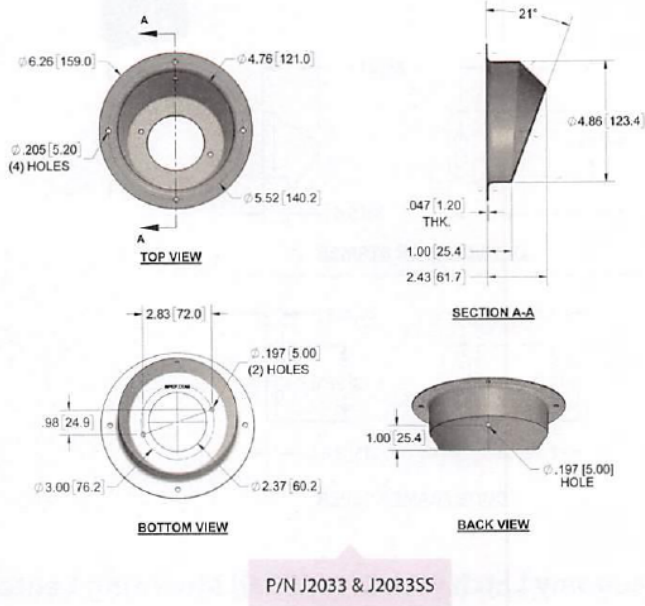
Fuel Fill Dishes

NEW PRODUCT FAMILY

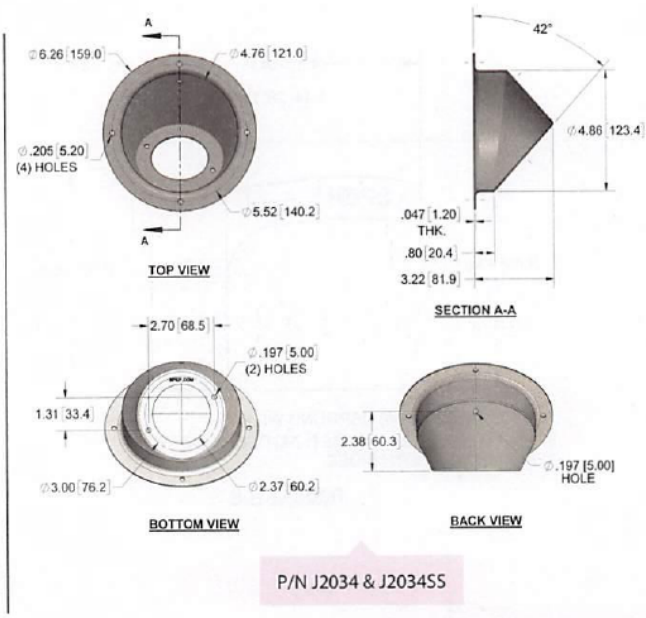


Part No. J2033

Part No.	Material	Finish	Description
J2033	steel	zinc plated	21° forming
J2033SS	304SS	hand polished (top flange only)	21° forming
J2034	steel	zinc plated	42° forming
J2034SS	304SS	hand polished (top flange only)	42° forming



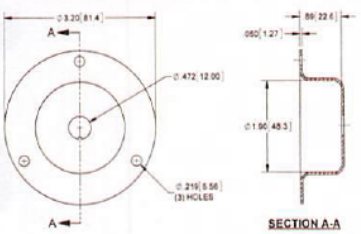
P/N J2033 & J2033SS



P/N J2034 & J2034SS

Switch Cup

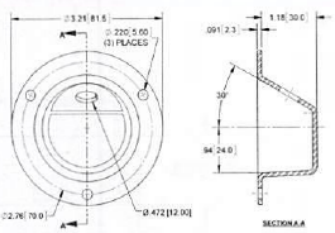




Part Number	Material	Finish
J2036	aluminum	tumbled smooth

Plastic Switch Cup UV



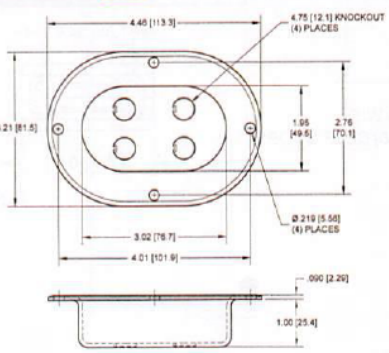


Part Number	Material	Finish
J2036P-02	glass reinforced nylon with UV inhibitors	black with top surfaces textured

- strong and durable

Plastic Switch Cup with (4) Knockouts UV





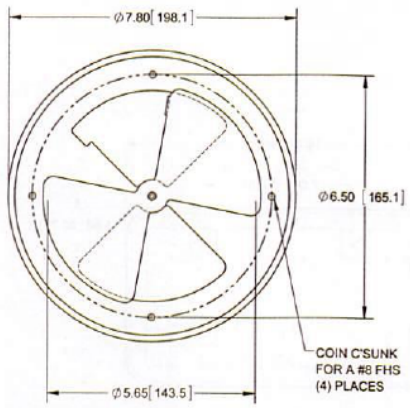
Part Number	Material	Finish
J2036P-01	glass reinforced nylon with UV inhibitors	black with top surfaces textured

- strong and durable

Aluminum Vent

Part No.	Material	Finish
J6020	aluminum	brushed

- gasket available separately as part no. J6020-G

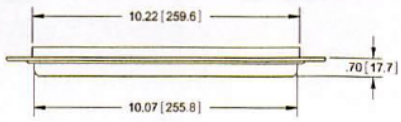


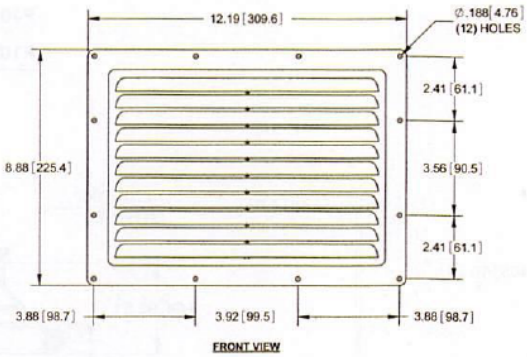


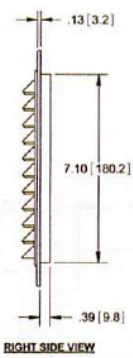


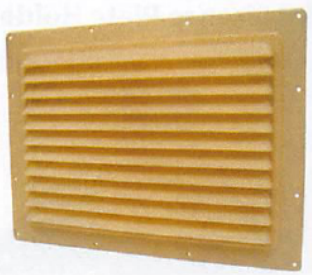
ABS Plastic Vent

Part No.	Material	Finish
P1020	ABS	natural, smooth
P1020BK	ABS	black, smooth



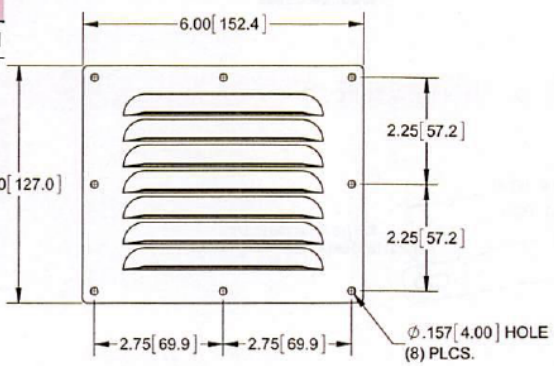


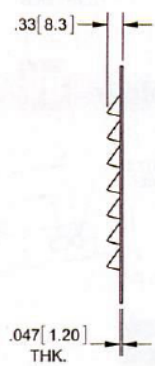




Louvered Vent

Part No.	Material	Finish
J6022SS	304SS	electropolished

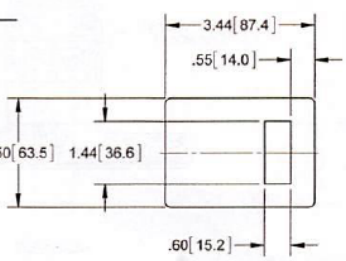


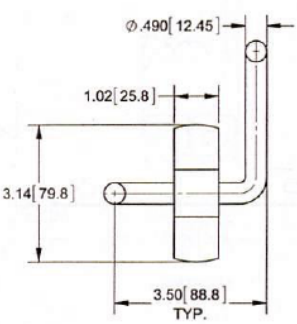




Gate Latch

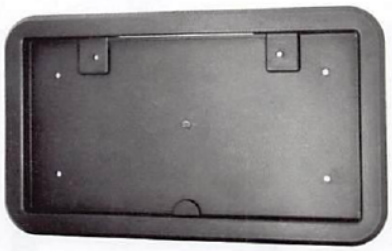
Part No.	Material	Finish
D379	steel	mill





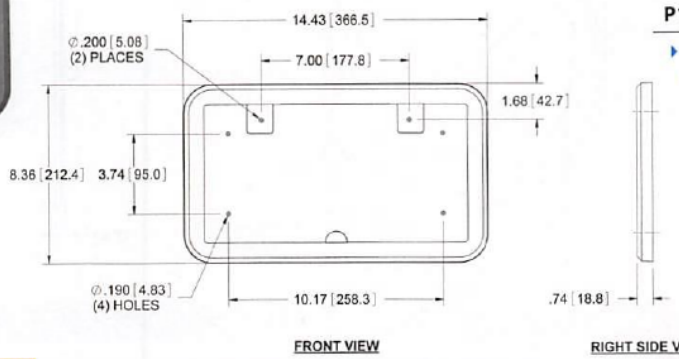


Full License Plate Holder UV



Part Number	Color	Material
P1050BK	black	UV resistant plastic with smooth finish
P1050G	gray	
P1050W	white	

- (2) stainless steel license plate mounting screws included



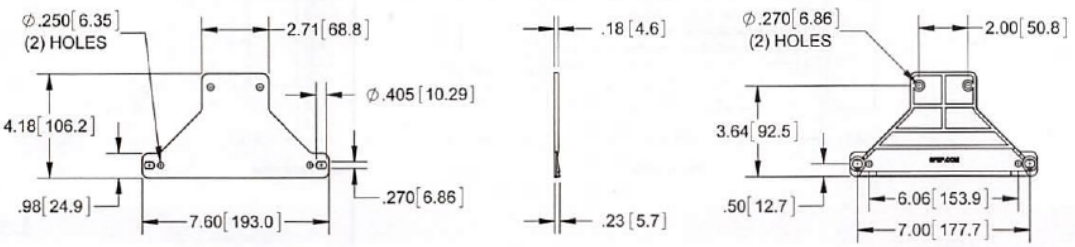
FRONT VIEW

RIGHT SIDE VIEW

Flat License Plate Holder UV



Part Number	Color	Material
P1051BK	black	UV resistant plastic with smooth finish
P1051G	gray	
P1051W	white	

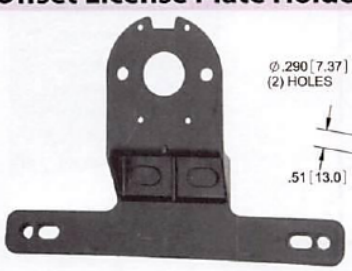


FRONT VIEW

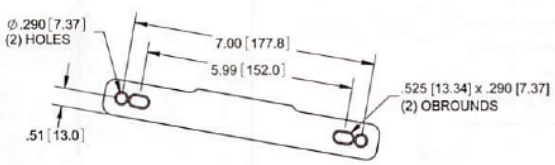
RIGHT SIDE VIEW

REAR VIEW

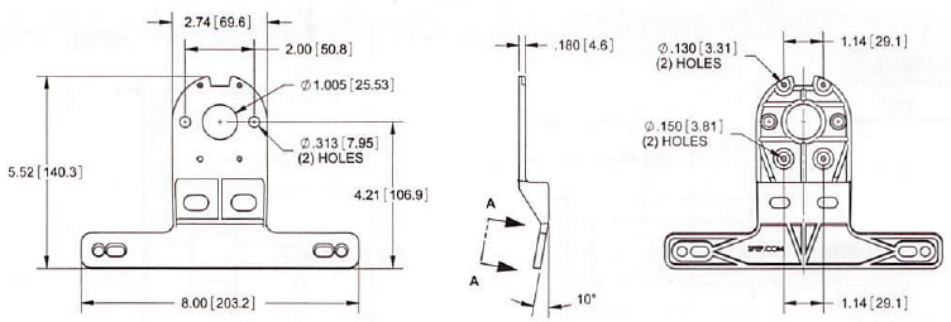
Offset License Plate Holder UV



Part Number	Color	Material
P1052BK	black	UV resistant plastic with smooth finish
P1052G	gray	
P1052W	white	



SECTION A-A



FRONT VIEW

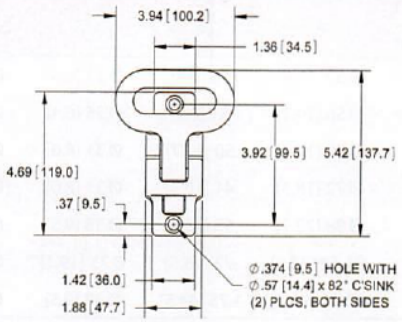
RIGHT SIDE VIEW

REAR VIEW

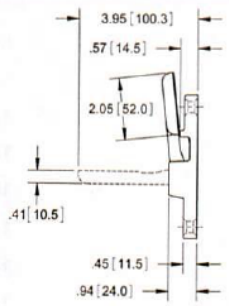
Small Folding Steps

Part Number	Material	Finish
875SS	304SS	electro-polished
875ZN	cast steel	zinc plated
875BK	cast steel	black e-coated

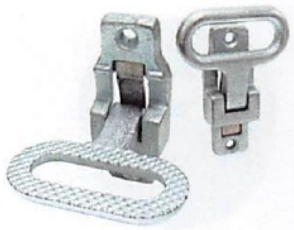
- meets or exceeds 49 CFR Section 399 FMCSA for serrated step surface slip resistant design and min. static working load requirement of 204kg/450lbs



FRONT VIEW



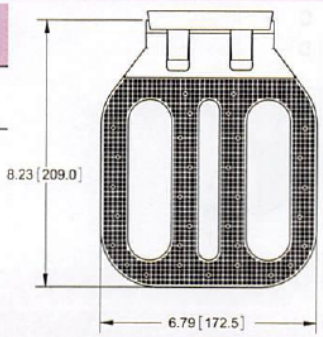
RIGHT SIDE VIEW



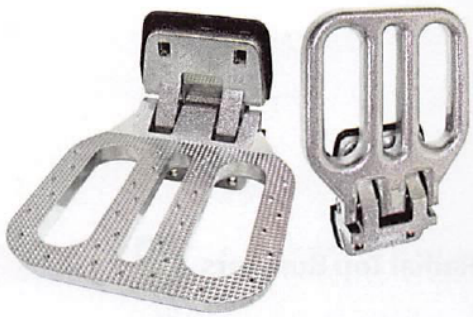
Large Folding Step with Gasket

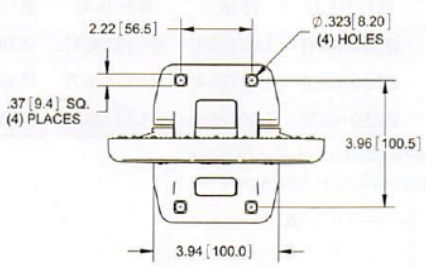
Part Number	Material	Finish
874CH	die cast zinc	textured chrome

- includes gasket
- meets or exceeds 49 CFR Section 399 FMCSA for serrated step surface slip resistant design and min. static working load requirement of 204kg/450lbs

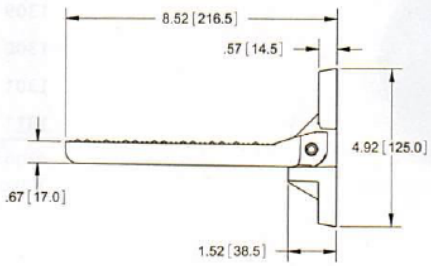


TOP VIEW





FRONT VIEW



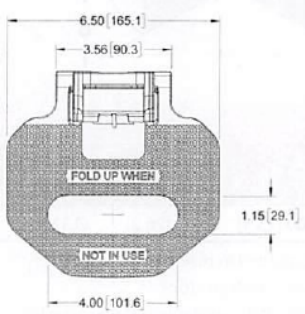
RIGHT SIDE VIEW

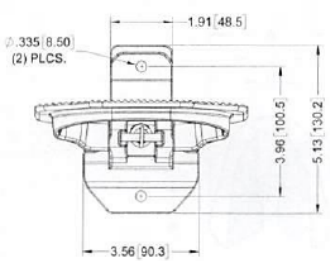
NEW Large Folding Step

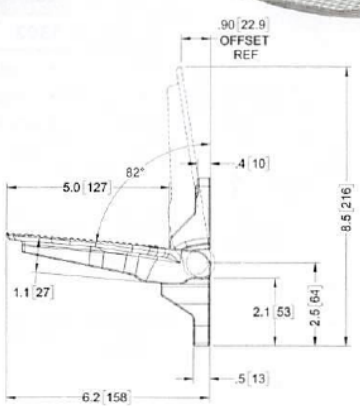
Part Number	Material	Finish
876ZN	steel	zinc plated

- meets or exceeds 49 CFR Section 399 FMCSA for serrated step surface slip resistant design and min. static working load requirement of 204kg/450lbs







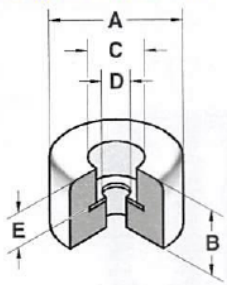


Flat Top Bumpers



Part Number	A	B	C	D	E	Color	Material
1304	Ø.50 [12.7]	.25 [6.4]	Ø.23 [6.0]	Ø.13 [3.2]	.15 [3.8]	black	SBR
1305	Ø.56 [14.3]	.31 [8.0]	Ø.25 [6.4]	Ø.13 [3.2]	.11 [2.8]	black	SBR
1303	Ø.66 [16.7]	.50 [12.7]	Ø.31 [8.0]	Ø.16 [4.0]	.25 [6.4]	black	SBR
1306	Ø.72 [18.3]	.41 [10.3]	Ø.31 [8.0]	Ø.19 [4.8]	.19 [4.8]	black	SBR
1307	Ø.88 [22.2]	.53 [13.5]	Ø.38 [9.5]	Ø.19 [4.8]	.28 [7.1]	black	SBR
1308	Ø1.52 [38.5]	.73 [18.6]	Ø.75 [19.1]	Ø.25 [6.4]	.39 [9.9]	black	SBR
1310	Ø1.00 [25.4]	1.75 [44.5]	Ø.38 [9.5]	Ø.19 [4.8]	.50 [12.7]	black	SBR

- steel washer molded in bumper
- typically applied as door stops



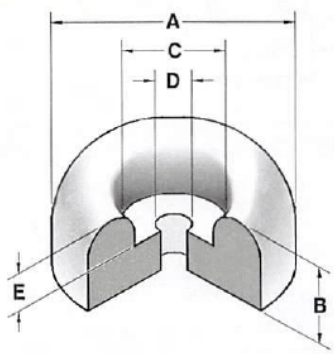
Radial Top Bumpers

Saver



Part Number	A	B	C	D	E	Color	Material
1309	Ø.75 [19.1]	.25 [6.4]	Ø.25 [6.4]	Ø.13 [3.3]	.13 [3.3]	black	SBR
1300	Ø2.50 [63.5]	1.00 [25.4]	Ø1.13 [28.7]	Ø.38 [9.7]	.50 [12.7]	black	EPDM
1301	Ø2.50 [63.5]	1.00 [25.4]	Ø1.13 [28.7]	Ø.38 [9.7]	.50 [12.7]	white	EPDM
1311	Ø2.50 [63.5]	1.00 [25.4]	Ø1.13 [28.7]	Ø.38 [9.7]	.50 [12.7]	black	SBR

- no steel washer molded in bumper
- typically applied as door stops

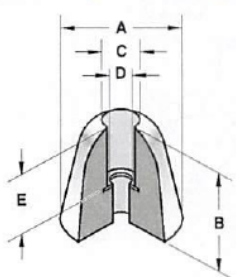


Dome Top Bumper



Part Number	A	B	C	D	E	Color	Material
1302	Ø1.00 [25.4]	1.03 [26.2]	Ø.31 [8.0]	Ø.19 [4.8]	.63 [16.0]	black	SBR

- steel washer molded in bumper
- typically applied as door stops
- other sizes and styles available by special order

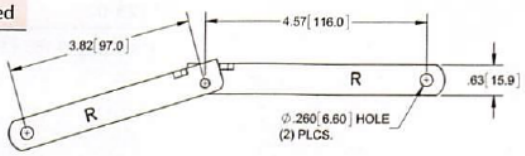


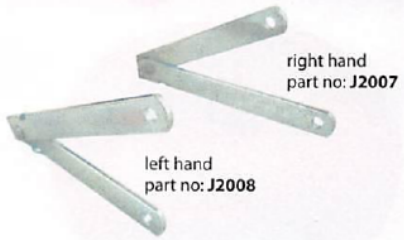
Download 3D MODELS @ www.spep.com

Lid Stays

Part Number	Description	Material	Finish
J2007	right hand	steel	zinc plated
J2008	left hand	steel	zinc plated

- .122 [3.10] thick steel



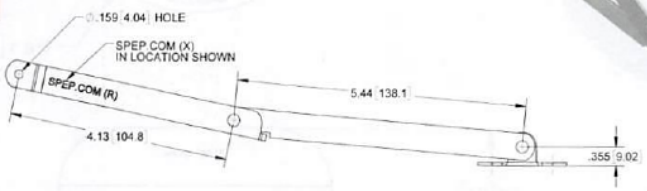


Lid Stays with Mounting Brackets

Part Number	Description	Material	Finish
J2005 ‡	right hand	steel	brass plated & lacquered
NEW J2005ZN	right hand	steel	zinc plated
J2006 ‡	left hand	steel	brass plated & lacquered
NEW J2006ZN	left hand	steel	zinc plated

- .059 [1.50] thick steel
- parts no. **J2005** & **J2006** do not have spep.com logo stamp

‡ these parts are non-stock





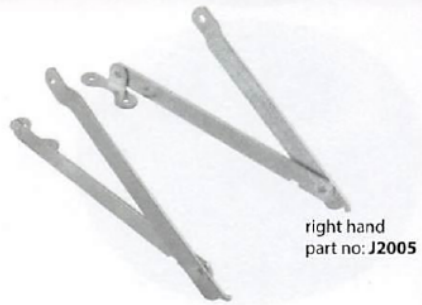
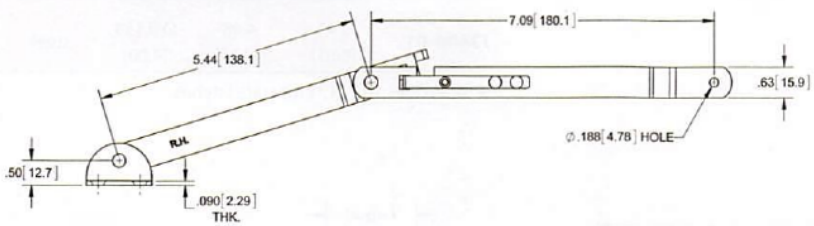


Table Braces

Part Number	Description	Material	Finish
J2003	right hand	steel	zinc plated
J2004	left hand	steel	zinc plated

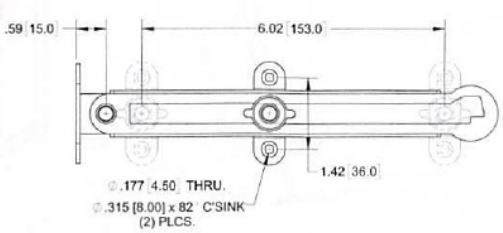


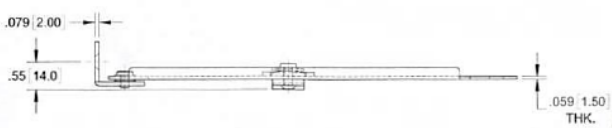




Lid Stays

Part Number	Description	Material	Finish
TM-81-2R	right hand	304SS	barrel polished
TM-81-2L	left hand	304SS	barrel polished







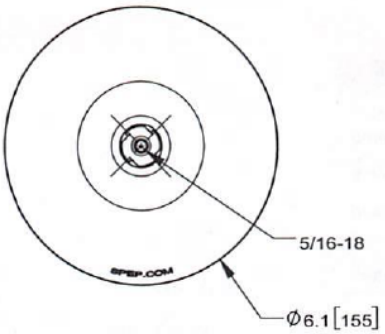
Pallet Cushions

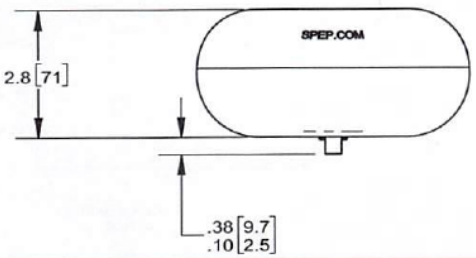
NEW PRODUCT FAMILY



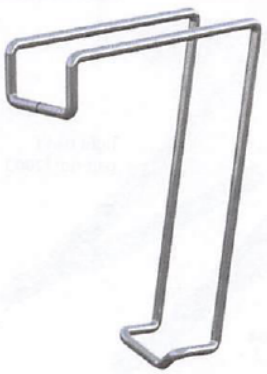
Part Number	Material	Finish	Load Rating
1325-01	plastic	orange	125-225 lbs.
1325-02	plastic	blue	70-125 lbs.

see pages 165 - 171 for crate latches



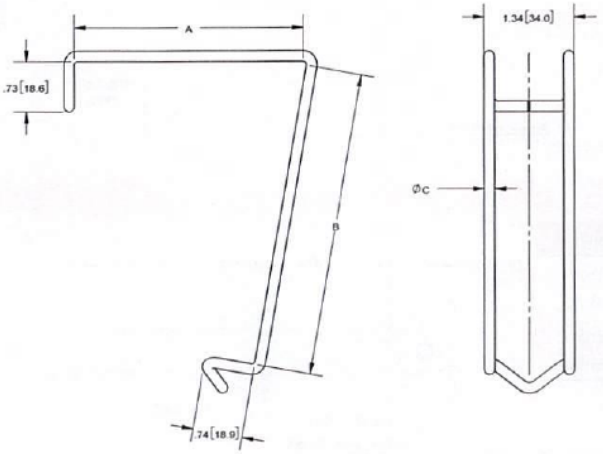


Wire Clamps



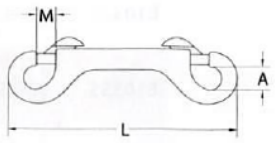
Part Number	Dimension			Material	Finish
	A	B	C		
J3400	2.60 [66.0]	3.55 [90.2]	Ø 0.150 [3.81]	steel	zinc plated
J3400-01	3.41 [86.5]	4.48 [113.7]	Ø 0.158 [4.00]	steel	zinc plated

see pages 165 - 171 for crate latches

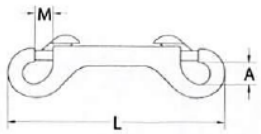


Malleable Iron Snaps

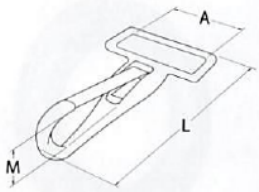
Part Number	A	M	L	Finish
161	.375 [9.52]	.354 [9.00]	3.60 [91.4]	nickel
162	.375 [9.52]	.394 [10.00]	4.00 [101.6]	chrome
163	.468 [11.89]	.470 [11.94]	4.81 [122.2]	zinc
200	.750 [19.05]	.236 [6.00]	3.00 [76.2]	nickel
201	1.00 [25.4]	.236 [6.00]	3.00 [76.2]	nickel
202	1.50 [38.1]	.394 [10.00]	3.50 [88.9]	nickel
225	.625 [15.88]	.394 [10.00]	3.50 [88.9]	nickel
226	.750 [19.05]	.394 [10.00]	3.50 [88.9]	nickel
227	1.00 [25.4]	.394 [10.00]	3.75 [95.3]	nickel
230	.236 [6.00]	.340 [8.64]	3.34 [84.8]	zinc
232	.359 [9.12]	.375 [9.53]	4.00 [101.6]	zinc
240	.359 [9.12]	.532 [13.51]	4.50 [114.3]	zinc
245	.516 [13.11]	.690 [17.53]	5.28 [134.1]	zinc
250	.433 [11.00]	.591 [15.01]	6.00 [152.4]	zinc
333	1.00 [25.4]	.590 [15.00]	5.25 [133.4]	nickel
2311	.719 [18.26]	.547 [13.89]	3.50 [88.9]	nickel
3141	.750 [19.05]	.590 [15.00]	3.75 [95.3]	nickel
3142	.875 [22.23]	.590 [15.00]	4.00 [101.6]	nickel



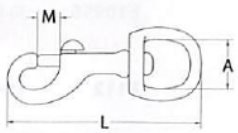
part no. **161**



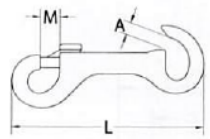
part no. **162, 163**



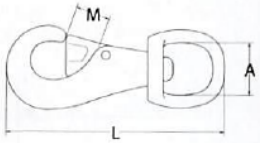
part no. **200, 201, 202**



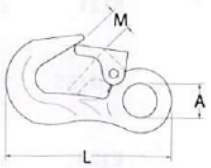
part no. **225, 226, 227**



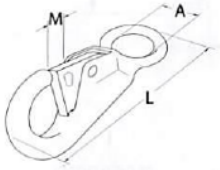
part no. **230, 232, 240, 245, 250**



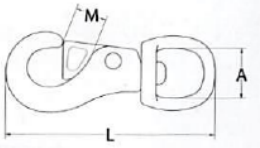
part no. **333**



part no. **2311**



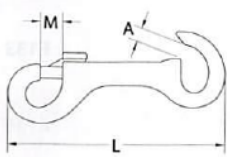
part no. **3141**



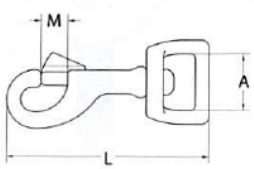
part no. **3142**

Zinc Die Cast Snaps

Part Number	A	M	L	Finish
228	.750 [19.05]	.394 [10.01]	3.25 [82.6]	nickel
229	1.00 [25.4]	.394 [10.01]	3.25 [82.6]	nickel
231	.290 [7.37]	.450 [11.43]	3.53 [89.7]	zinc



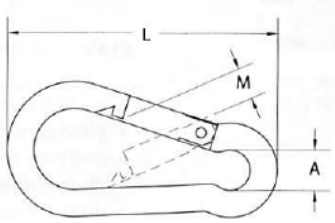
part no. **231**



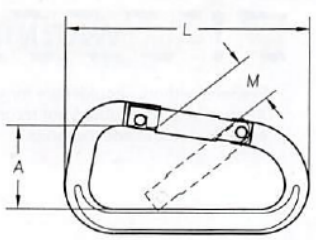
part no. **228, 229**

Spring Snap

Part Number	Material	A	M	L	Finish
3158	steel	.465 [11.81]	.375 [9.53]	3.13 [79.5]	zinc
3159SS	stainless steel	1.08 [27.4]	.60 [15.2]	3.15 [80.00]	polished



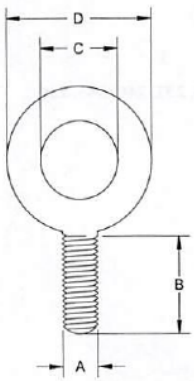
part no. **3158**

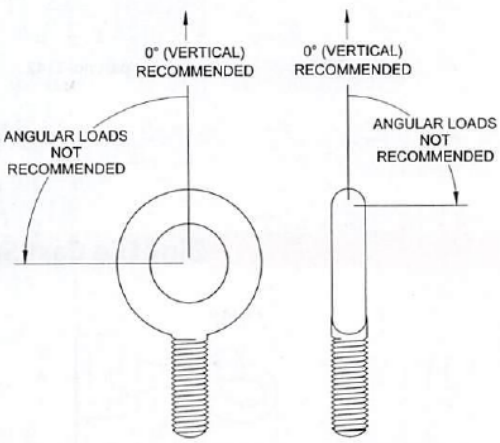


part no. **3159SS**

Plain Pattern Eyebolts







WARNING

Eyebolts without shoulder are for vertical lifting only. Angular load applications not recommended for plain eyebolts, see shoulder eyebolts.

Part Number	Material	Rated Capacity	A (Thread Size)	B	C	D
E103	steel	500 lbs.	1/4"- 20	1.00 [25.4]	Ø.75 [19.1]	Ø1.19 [30.2]
E103SS	304SS	460 lbs.	1/4"- 20	1.00 [25.4]	Ø.75 [19.1]	Ø1.19 [30.2]
E106	steel	900 lbs.	5/16"- 18	1.12 [28.5]	Ø.87 [22.1]	Ø1.44 [36.6]
E106SS	304SS	780 lbs.	5/16"- 18	1.12 [28.5]	Ø.87 [22.1]	Ø1.44 [36.6]
E109	steel	1300 lbs.	3/8"- 16	1.25 [31.8]	Ø1.00 [25.4]	Ø1.68 [42.7]
E109SS	304SS	1160 lbs.	3/8"- 16	1.25 [31.8]	Ø1.00 [25.4]	Ø1.68 [42.7]
E112	steel	1800 lbs.	7/16"- 14	1.37 [34.8]	Ø1.06 [26.9]	Ø1.81 [46.0]
E115	steel	2400 lbs.	1/2"- 13	1.50 [38.1]	Ø1.19 [30.2]	Ø2.12 [53.9]
E115SS	304SS	2150 lbs.	1/2"- 13	1.50 [38.1]	Ø1.19 [30.2]	Ø2.12 [53.9]
E118	steel	3200 lbs.	9/16"- 12	1.75 [44.5]	Ø1.37 [34.8]	Ø2.56 [65.0]
E121	steel	4000 lbs.	5/8"- 11	1.75 [44.5]	Ø1.37 [34.8]	Ø2.56 [65.0]
E121SS	304SS	3440 lbs.	5/8"- 11	1.75 [44.5]	Ø1.37 [34.8]	Ø2.56 [65.0]
E124	steel	5000 lbs.	3/4"- 10	2.00 [50.8]	Ø1.50 [38.1]	Ø2.81 [71.4]
E124SS	304SS	5140 lbs.	3/4"- 10	2.00 [50.8]	Ø1.50 [38.1]	Ø2.81 [71.4]
E127	steel	7000 lbs.	7/8"- 9	2.25 [57.15]	Ø1.62 [41.2]	Ø3.19 [81.0]
E130SS	304SS	9370 lbs.	1"- 8	2.50 [63.5]	Ø1.75 [44.5]	Ø3.56 [90.4]
E133	steel	12000 lbs.	1 1/8"- 7	2.75 [69.9]	Ø2.00 [50.8]	Ø4.00 [101.6]
E136	steel	15000 lbs.	1 1/4"- 7	3.00 [76.2]	Ø2.19 [55.6]	Ø4.44 [112.8]
E139	steel	21000 lbs.	1 1/2"- 6	3.50 [88.9]	Ø2.50 [63.5]	Ø5.19 [131.8]
E142	steel	28000 lbs.	1 3/4"- 5	3.75 [95.3]	Ø2.75 [69.9]	Ø6.00 [152.4]
E145	steel	38000 lbs.	2"- 5	4.00 [101.6]	Ø3.00 [76.2]	Ø6.75 [171.5]

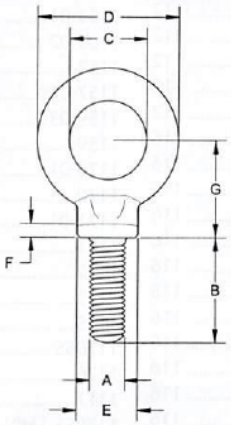
- stainless steel parts are 304SS passivated and electro-polished
- 316SS parts available upon request
- steel parts are forged and 304 / 316SS parts are from investment casting
- all standard eyebolts threaded national coarse
- shanks longer than standard are available upon request

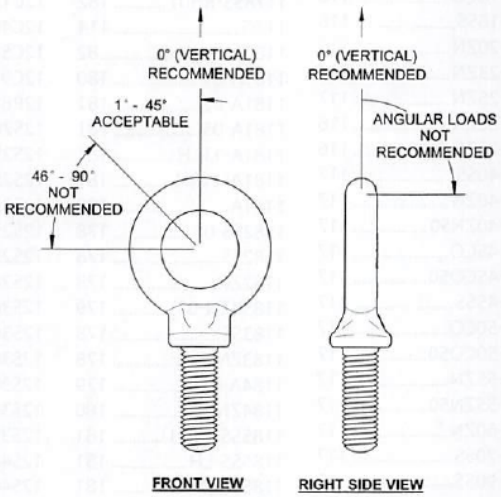
Shoulder Pattern Eyebolts

Part Number	Material	Rated Capacity	A (Thread Size)	B	C	D	E	F	G
E203	steel	500 lbs.	1/4"- 20	1.00 [25.4]	Ø.75 [19.1]	Ø1.19 [30.2]	Ø.53 [13.5]	.15 [3.8]	.69 [17.5]
E203ZN	steel	500 lbs.							
E203SS	304SS	460 lbs.							
E203SST	316SS	460 lbs.							
E206	steel	900 lbs.	5/16"- 18	1.12 [28.5]	Ø.87 [22.1]	Ø1.44 [36.6]	Ø.59 [15.0]	.15 [3.8]	.87 [22.1]
E206ZN	steel	900 lbs.							
E206SS	304SS	780 lbs.							
E206SST	316SS	780 lbs.							
E209	steel	1300 lbs.	3/8"- 16	1.25 [31.8]	Ø1.00 [25.4]	Ø1.69 [42.9]	Ø.65 [16.5]	.15 [3.8]	1.06 [26.9]
E209ZN	steel	1300 lbs.							
E209SS	304SS	1160 lbs.							
E209SST	316SS	1160 lbs.							
E212	steel	1800 lbs.	7/16"- 14	1.37 [34.8]	Ø1.06 [26.9]	Ø1.81 [46.0]	Ø.78 [19.8]	.22 [5.6]	1.19 [30.2]
E212ZN	steel	1800 lbs.							
E215	steel	2400 lbs.	1/2"- 13	1.50 [38.1]	Ø1.19 [30.2]	Ø2.12 [53.9]	Ø.90 [22.9]	.22 [5.6]	1.31 [33.3]
E215ZN	steel	2400 lbs.							
E215SS	304SS	2150 lbs.							
E215SST	316SS	2150 lbs.							
E218	steel	3200 lbs.	9/16"- 12	1.75 [44.5]	Ø1.37 [34.8]	Ø2.56 [65.0]	Ø1.03 [26.2]	.25 [6.4]	1.59 [40.4]
E218ZN	steel	3200 lbs.							
E221	steel	4000 lbs.	5/8"- 11	1.75 [44.5]	Ø1.37 [34.8]	Ø2.56 [65.0]	Ø1.03 [26.2]	.25 [6.4]	1.59 [40.4]
E221ZN	steel	4000 lbs.							
E221SS	304SS	3440 lbs.							
E221SST	316SS	3440 lbs.							
E224	steel	5000 lbs.	3/4"- 10	2.00 [50.8]	Ø1.50 [38.1]	Ø2.81 [71.4]	Ø1.19 [30.2]	.25 [6.4]	1.72 [43.69]
E224ZN	steel	5000 lbs.							
E224SS	304SS	5140 lbs.							
E224SST	316SS	5140 lbs.							
E227	steel	7000 lbs.	7/8"- 9	2.25 [57.2]	Ø1.62 [41.2]	Ø3.19 [81.0]	Ø1.37 [34.8]	.31 [7.9]	2.03 [51.6]
E227ZN	steel	7000 lbs.							
E230	steel	9000 lbs.	1"- 8	2.50 [63.5]	Ø1.75 [44.5]	Ø3.56 [90.4]	Ø1.56 [39.6]	.37 [7.9]	2.22 [56.4]
E230ZN	steel	9000 lbs.							
E230SS	304SS	9370 lbs.							
E230SST	316SS	9370 lbs.							
E233	steel	12000 lbs.	1 1/8"- 7	2.75 [69.9]	Ø2.00 [50.8]	Ø4.06 [103.1]	Ø1.75 [44.5]	.44 [11.2]	2.59 [65.8]
E236	steel	15000 lbs.	1 1/4"- 7	3.00 [76.2]	Ø2.19 [55.6]	Ø4.44 [112.8]	Ø1.94 [49.3]	.50 [12.7]	2.84 [72.1]
E239	steel	21000 lbs.	1 1/2"- 6	3.50 [88.9]	Ø2.50 [63.5]	Ø5.19 [131.8]	Ø2.19 [55.6]	.50 [12.7]	3.19 [81.0]
E242	steel	28000 lbs.	1 3/4"- 5	3.75 [95.3]	Ø2.75 [69.9]	Ø6.00 [152.4]	Ø2.50 [63.5]	.62 [15.8]	3.75 [95.3]
E245	steel	38000 lbs.	2"- 5	4.00 [101.6]	Ø3.00 [76.2]	Ø6.75 [171.5]	Ø2.87 [72.9]	.75 [19.1]	4.25 [108.0]

- stainless steel parts are 304SS passivated and electro-polished
- 316SS parts available upon request
- steel parts are forged and 304 / 316SS parts are from investment casting
- all standard eyebolts threaded national coarse
- shanks longer than standard are available upon request







WARNING

Capacities listed are for vertical lifting only. Rated capacity is substantially reduced when loading at any angle. Loading must never be made at an angle greater than 45° from bolt center line. At an angle of 45°, rated capacity is reduced to 1/4 of shown rating.

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INCH FRACTIONS, DECIMAL AND METRIC EQUIVALENTS

INCH	DECIMAL	MM	INCH	DECIMAL	MM
1/64	.015625	.39688	33/64	.515625	13.09688
1/32	.03125	.79375	17/32	.53125	13.49375
3/64	.046875	1.19063	35/64	.546875	13.89063
1/16	.0625	1.58750	9/16	.5625	14.28750
5/64	.078125	1.98438	37/64	.578125	14.68438
3/32	.09375	2.38125	19/32	.59375	15.08125
7/64	.109375	2.77813	39/64	.609375	15.47813
1/8	.125	3.17500	5/8	.625	15.87500
9/64	.140625	3.57188	41/64	.640625	16.27188
5/32	.15625	3.9687	21/32	.65625	16.66875
11/64	.171875	4.36563	43/64	.671575	17.06563
3/16	.1875	4.7625	11/16	.6875	17.46250
13/64	.203125	5.15938	45/64	.703125	17.85938
7/32	.21875	5.55625	23/32	.71875	18.25625
15/64	.234375	5.95313	47/64	.734375	18.65312
1/4	.250	6.3500	3/4	.750	19.0500
17/64	.265625	6.74688	49/64	.765625	19.44688
9/32	.28125	7.14375	25/32	.78125	19.84375
19/64	.296875	7.54063	51/64	.796875	20.24063
5/16	.3125	7.93750	13/16	.8125	20.63750
21/64	.328125	8.33438	53/64	.828125	21.03438
11/32	.34375	8.73125	27/32	.84375	21.43125
23/64	.359375	9.12813	55/64	.859375	21.8281
3/8	.375	9.5250	7/8	.875	22.22500
25/64	.390625	9.92188	57/64	.890625	22.62188
13/32	.40625	10.31875	29/32	.90625	23.01875
27/64	.421875	10.71563	59/64	.921875	23.41563
7/16	.4375	11.11250	15/16	.9375	23.81250
29/64	.453125	11.50938	61/64	.953125	24.2093
15/32	.46875	11.90625	31/32	.96875	24.60625
31/64	.484375	12.30313	63/64	.984375	25.00313
1/2	.500	12.7000	1	1.0000	25.40000

METRIC TO INCH CONVERSION

MM	INCH	MM	INCH	MM	INCH
1	0.039370	34	1.338583	67	2.637795
2	0.078740	35	1.377953	68	2.677165
3	0.118110	36	1.417323	69	2.716535
4	0.157480	37	1.456693	70	2.755906
5	0.196850	38	1.496063	71	2.795276
6	0.236220	39	1.535433	72	2.834646
7	0.275591	40	1.574803	73	2.847015
8	0.314961	41	1.614173	74	2.913386
9	0.354331	42	1.653543	75	2.952756
10	0.393701	43	1.692913	76	2.992126
11	0.433071	44	1.732283	77	3.031496
12	0.472441	45	1.771654	78	3.070866
13	0.511811	46	1.811024	79	3.110236
14	0.551181	47	1.850391	80	3.149606
15	0.590551	48	1.889764	81	3.188976
16	0.629921	49	1.929134	82	3.228346
17	0.669291	50	1.968504	83	3.267717
18	0.708661	51	2.007874	84	3.307087
19	0.748031	52	2.047244	85	3.346457
20	0.787402	53	2.086614	86	3.385827
21	0.826772	54	2.125984	87	3.425197
22	0.866142	55	2.165354	88	3.464567
23	0.905512	56	2.204724	89	3.503937
24	0.944882	57	2.244094	90	3.543307
25	0.984252	58	2.283465	91	3.582677
26	1.023622	59	2.322835	92	3.622047
27	1.062992	60	2.362205	93	3.661417
28	1.102362	61	2.401575	94	3.700787
29	1.141732	62	2.440945	95	3.740157
30	1.181102	63	2.480315	96	3.779528
31	1.220472	64	2.519685	97	3.818898
32	1.259843	65	2.559055	98	3.858268
33	1.299213	66	2.598425	99	3.897638

STANDARD GAUGE, DECIMAL AND METRIC EQUIVALENT

GAUGE	DECIMAL	METRIC	GAUGE	DECIMAL	METRIC	GAUGE	DECIMAL	METRIC	GAUGE	DECIMAL	METRIC
3	.250	6.35	9	.150	3.81	15	.070	1.78	21	.034	.87
4	.234	5.95	10	.135	3.43	16	.060	1.52	22	.030	.76
5	.219	5.56	11	.120	3.05	17	.056	1.42	23	.028	.71
6	.194	4.93	12	.105	2.67	18	.048	1.22	24	.025	.64
7	.180	4.57	13	.090	2.29	19	.042	1.07	25	.020	.51
8	.165	4.19	14	.074	1.88	20	.035	.89	26	.019	.48

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SIERRA PACIFIC
ENGINEERING AND PRODUCTS

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State laws now require us to have a resale certificate on file for all companies that we conduct business with. Thank you in advance for your cooperation.

Exempt sales not supported by an exemption certificate will be charged sales/use tax immediately.

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Long Beach, CA 90810

E-mail to: credit@spep.com
Fax to: (310) 608-7978

Firm Name: _____ City, State: _____

I HEREBY CERTIFY:

- That I hold valid sellers permit number: _____
- Issued pursuit to the sale and tax law; that I am in the business of selling:

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  _____
- That the tangible personal property described herein which I shall purchase from **SIERRA PACIFIC ENGINEERING AND PRODUCTS** will be resold by me in the form of tangible personal property; PROVIDED, however, that in the event of such property is used for any purpose other than retention, demonstration, or display while holding it for sale in the regular course of business, it is understood that I am required by the sales and use tax law to report and pay for the tax, measured by the purchase price of such property.
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  By and Title: _____ Phone: _____

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  Signature: _____

Credit Application and Agreement

SIERRA PACIFIC

ENGINEERING AND PRODUCTS

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E-MAIL salespep@spep.com
FAX (310) 608-0952

VISA MasterCard AMERICAN EXPRESS

ESTIMATED MAXIMUM CREDIT REQUESTED PER MONTH	$	DATE	

PLEASE NOTE: WE CHECK CREDIT VIA E-MAIL. PLEASE INCLUDE YOUR E-MAIL ADDRESS AND FAX NUMBER (INCLUDING BANK) ON THIS APPLICATION.

COMPANY DETAILS [REQUIRED]

BUILDING/OFFICE ❑ RENT ❑ LEASED

COMPANY NAME | DUNS # | YEAR ESTABLISHED

ADDRESS | CITY | STATE | ZIP

PH. # | FAX # | E-MAIL

RESALE # | TYPE OF BUSINESS

Please attach or fax a copy of current Resale Card with this completed application

❑ CORPORATION — ID # | PRESIDENT | CONTROLLER

❑ PARTNERSHIP — NAMES

❑ INDIVIDUAL — FULL NAME | SS# | ADDRESS | CITY | STATE | ZIP | PH. # | FAX #

❑ NON-TAXABLE GOVERNMENT AGENCY

BANK DETAILS (Business Accounts Only)

NAME | ACCOUNT #

ADDRESS | CITY

PH. # | FAX # | STATE | ZIP

Please accept this signature and account number as authorization to release the requested account information to Sierra Pacific Engineering & Products.

X _____
Authorized Signature

REFERENCES (Please list 4 current suppliers for references)

NAME | ADDRESS | CITY | STATE | ZIP | E-MAIL | PH. # | FAX. #

NAME | ADDRESS | CITY | STATE | ZIP | E-MAIL | PH. # | FAX. #

NAME | ADDRESS | CITY | STATE | ZIP | E-MAIL | PH. # | FAX. #

NAME | ADDRESS | CITY | STATE | ZIP | E-MAIL | PH. # | FAX. #

APPROVAL DETAILS [REQUIRED]

PAYMENT APPROVER

PURCHASING CONTACT | PH. # | E-MAIL

ACCT. PAYABLE CONTACT | PH. # | E-MAIL

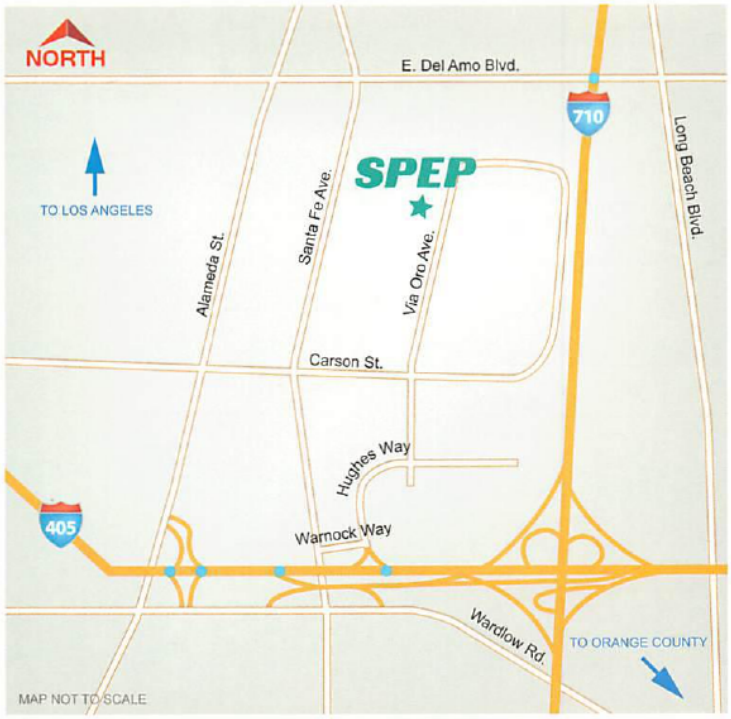
The information contained in this application is for the purpose of obtaining credit and is warranted to be true. I/We hereby authorized SPEP to investigate the references listed pertaining to my/our financial responsibility.
The undersigned agrees to the terms on the invoice and unconditionally guarantees to SPEP the payment of all invoices withing the terms and conditions of sale, and further agrees to pay all finance charges, collection, legal expenses and attorney fees (including fees incurred in appeal), between them shall be solely in Los Angeles County, California.

X _____ Authorized Signature | _____ Printed Name | _____ Title | _____ Date

LOS ANGELES FACILITY • Long Beach, CA

4041 Via Oro Ave., Long Beach, CA 90810

CALL IN ADVANCE BEFORE YOU COME VISIT US. NO COUNTER SALES. PHONE ORDERS ONLY.



From the 710 Fwy: Take 710 Fwy to 405 Fwy North. Exit on Alameda St. and turn right at the bottom of the off-ramp. Turn right on Carson St. and then left on Via Oro. Ave.

Southbound 405 Fwy: Exit on Alameda St. Turn left at the bottom of the off-ramp. Go 1/4 mile and turn left on Santa Fe Ave. Go 1/2 mile and turn right on Carson Street. make a left on Via Oro Ave.

Northbound 405 Fwy: Exit on Alameda St. and turn right at the bottom of the off-ramp. Turn right on Carson St. and then left on Via Oro Ave.

From the 110 Fwy: Take the 110 Fwy to the 405 Fwy South. Exit on Alameda St. Turn left at the bottom of the off-ramp. Go 1/4 mile and turn left on Santa Fe Ave. Go 1/2 mile and turn right on Carson St. Make a left on Via Oro Ave.

From LAX: Take the 405 Fwy South and exit on Alameda St. Turn left at the bottom of the off-ramp. Go 1/4 mile and turn left on Santa Fe Ave. Go 1/2 mile and turn right on Carson St. Make a left on Via Oro Ave.

From Long Beach Airport: Take Lakewood Ave. south. Enter 405 Fwy North and exit on Alameda St. and turn right on Carson St. and then left on Via Oro Ave.

DALLAS FACILITY • Lancaster, TX

2986 S. Longhorn Drive, Lancaster, TX 75134

From I-20: Go south on Hwy 35E to the W. Wintergreen Road Exit and turn left. Turn right on W. Longhorn Dr.



CHICAGO FACILITY • Bolingbrook, IL

1 Gateway Court, Bolingbrook, IL 60440

From I-55: Exit Hwy 53 (S. Bolingbrook Dr.) and go south. Turn right on W. Crossroads Pkwy and then left on Gateway Ct. The building will be on your right hand side at the end of the street.



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