

CRATING HARDWARE



Build a Better Crate

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12/01/23 US V8



Hardware to Build Better Crates

Build a Better Wood Crate With Our Comprehensive Range of Crating Hardware

Penn Elcom is a leading manufacturer of crating hardware for use when building wood shipping crates, packing cases and protective transport crates for the movement of fragile, mission-critical, high-value and sensitive equipment.

It's important for crate builders to use components that reflect the quality of what's inside. Choose Penn Elcom products for quality, cost and convenience.

**Save time, freight costs, labor costs and money
by streamlining your crating hardware purchasing.**

This catalog contains a comprehensive range hardware that allow you to build a better crate including crate spring locks, cleat locks, hinges, latches, handles, casters and pallet cushions.

Now is the right time to single-source your crate component and part purchasing. Gone are the days of multiple vendors, multiple invoices and endless ordering processes. Consolidate your crating buying power and get the best prices and an exemplary service from Penn Elcom.

Crate Supplies from a Single-Source Supplier

Comprehensive Range from One Manufacturer

For crate supplies look no further. Penn Elcom is a world-renowned single source-supplier of one-way and reusable crating components, including latches, hinges, spring locks, cleat locks, handles, casters and pallet cushions.

If you build shipping crates, packing cases and protective transport crates and want a one-stop-shop solution for all your crating supplies, we are the supplier for you.

Crate builders need to know that the hardware they use to create a strong, safe and secure environment for equipment is robust and built to withstand those hard knocks. Penn Elcom crating supplies enable the build of a better crate, whether for one-off use or reusable shipping crates.

With a standard range of over 3,000 catalogue products, stocked globally, our crating products can be shipped straight to you in no time at all.

CONTENTS



Pallet Cushions

Page 2-3

Enhanced shock protection with air dampened pallet cushions. Protect your crated items, or indeed anything being stored or moved on a pallet, from damage, shock and vibration.



Cleat Locks

Page 4

Drastically reduce crate building time by enabling the repeated assembly and disassembly of crates. These reusable cleat locks are ideal for many industrial applications.



Spring Locks

Page 5

Save time & money with our reusable spring locks. Quick to fit, quick to remove and designed to be used time and time again making them ideal for repeated assembly and disassembly of crates.



Pallet Collar Hinge | Stackable Pallet Storage System

Pages 6-7

Hinge with removable pin for easy storage. Makes assembling or stacking crates quick and easy thanks to a robust galvanised steel design and removable pin. Easy to install and re-engage: the offset bottom allows for easy stacking without the need to use fasteners.



Strap & Piano Hinges

Page 8

For strength and durability. Ideal for heavy duty applications. Offset hole locations on strap hinges help to prevent plywood from splitting.



Twist Latches

Pages 9-11

For fast and secure closing. Surface mounted or spring loaded provide a robust and convenient locking solution for all types of large heavy duty shipping crates, packing cases and protective transport crates.



Catch Latches

Page 12

Catch latch plates and padlock hasps help to make building shipping crates, packing cases and protective transport crates quickly and easily.



Handles

Page 13

Sprung handles, handles with rubber grips and chest handles all help with the safe and efficient movement of shipping crates, packing cases and protective transport crates.



Accessories

Page 14

Ring pulls to footman's loops and spring shackles to tie down anchors, we have a wide range of miscellaneous crating hardware accessories to choose from, making us the ideal single source for crating components.



Heavy Duty Bent Brackets | Foam & Glue

Page 15

Take extra measures to protect your goods during shipping with our varied selection of foam and heavy duty bent brackets to hold machinery and other equipment in place.



Castors

Page 16

Swivel castors for mobility and stability. Keep things moving when they should and locked in place when they shouldn't with our range of swivel castors. Load bearing capacities up to 340kg / 750lb per wheel.

SERIES 7 PALLET CUSHIONS



Air Dampened Pallet Cushions

Easily attached to pallets or crates for shock and vibration protection. Made from durable and chemically resistant polyethylene. Suits a 5/16"-18 UNC bolt (Also available with M8 bolt or without T-nut). Use Spacer 7228 to increase cushion height to 4" (100mm).



7035

Load Rating:
20Lb - 35L
9.1Kg - 15.9Kg
Color: Tan



7125

Load Rating:
70Lb - 125Lb
31.8Kg - 56.7Kg
Color: Blue



7050

Load Rating:
30Lb - 50Lb
13.6Kg - 22.7Kg
Color: Green



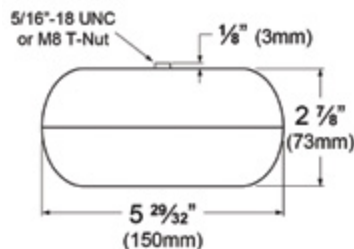
7225

Load Rating:
125Lb - 225Lb
56.7Kg - 102Kg
Color: Orange



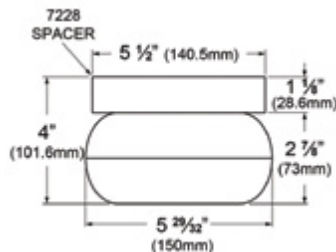
7080

Load Rating:
50Lb - 80Lb
20.4Kg - 36.3Kg
Color: Yellow



Threaded T-Nuts with 4 Prongs

Barrel shaped fasteners with internal threading and four prong projections. With 5/16"-18 UNC thread (**6010**) or M8 thread (**S1200**). Other threads and lengths available.



7228 - Pallet Cushion Spacer

Increases cushion height to 3.78" (96mm). Allows your pallet-loaded freight to accept most pallet jacks worldwide.

SERIES 6 PALLET CUSHIONS



Air Dampened Pallet Cushions

Easily attached to pallets or crates for shock and vibration protection. Made from durable and chemically resistant polyethylene. Suits a 5/16"-18 UNC bolt (Also available with M8 bolt or without T-nut). Use Spacer 6228 to increase cushion height to 3 3/4" (95mm).



6035

Load Rating:
20Lb - 35Lb
9.1Kg - 15.9Kg
Color: Tan



6050

Load Rating:
30Lb - 50Lb
13.6Kg - 22.7Kg
Color: Green



6080

Load Rating:
50Lb - 80Lb
20.4Kg - 36.3Kg
Color: Yellow



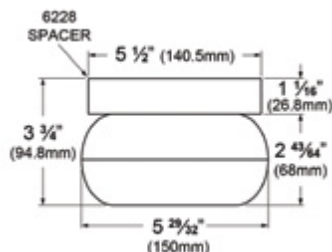
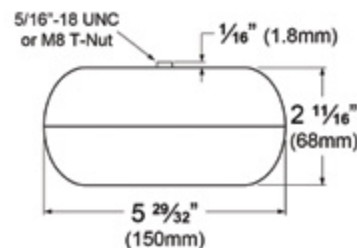
6125

Load Rating:
70Lb - 125Lb
31.8Kg - 56.7Kg
Color: Blue



6225

Load Rating:
125Lb - 225Lb
56.7Kg - 102Kg
Color: Orange



6228 - Pallet Cushion Spacer

Increases cushion height to 3.78" (96mm). Allows your pallet-loaded freight to accept most pallet jacks worldwide.

Threaded T-Nuts with 4 Prongs

Barrel shaped fasteners with internal threading and four prong projections. With 5/16"-18 UNC thread (**6010**) or M8 thread (**S1200**). Other threads and lengths available.

CLEAT LOCKS



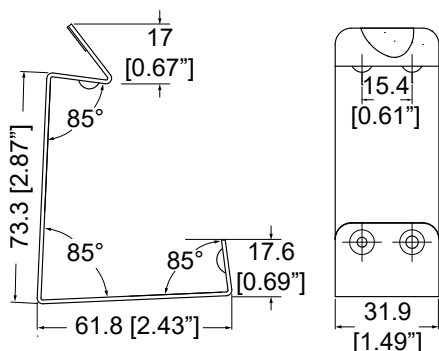
Save Time & Money With Our Reusable Cleat Locks

Penn Elcom cleat locks drastically reduce building time, saving you money when constructing reusable shipping crates. Crates utilizing our cleat locks can be easily assembled then disassembled many times over. Fits most industrial applications.



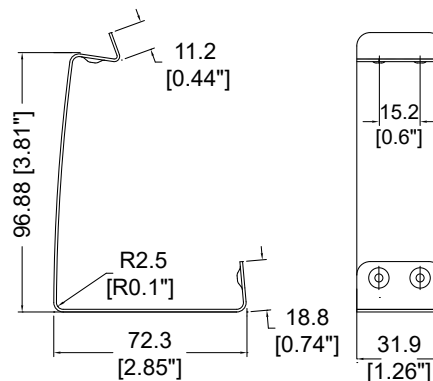
1651

Cleat Lock #1 with Dimples



1652

Cleat Lock #2 with Dimples



SPRING LOCKS



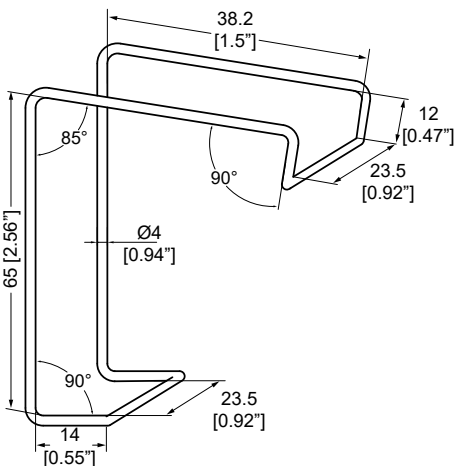
Save Time & Money With Our Reusable Spring Locks

Penn Elcom spring locks drastically reduce building time, saving you money when constructing reusable shipping crates. Crates utilizing our spring locks can be easily assembled then disassembled many times over. Fits most industrial applications.



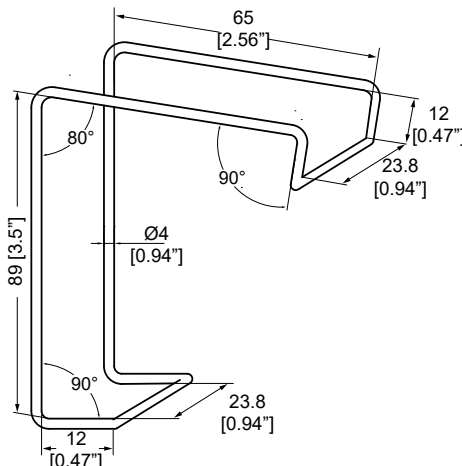
1656

#2 Small Spring lock



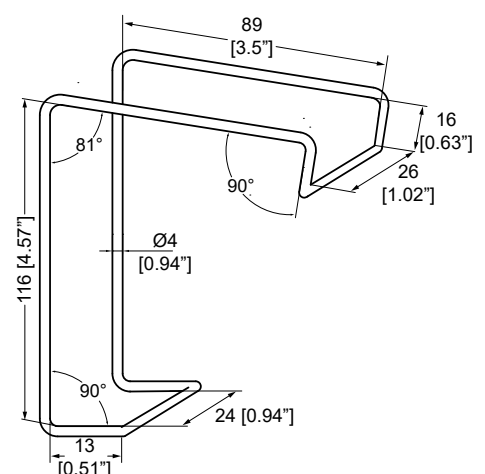
1657

#3 Medium Spring lock



1659

#4 Large Spring lock



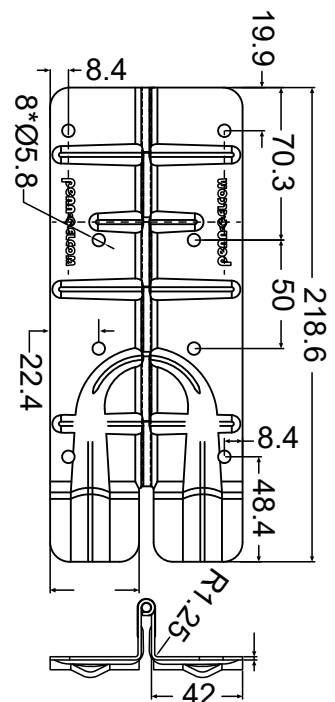
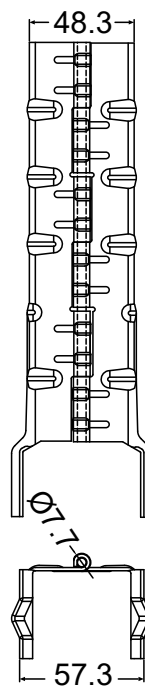
PALLET COLLAR HINGE



P1390GLV - Pallet Collar Piano Hinge With Removable Pin

Save time, money & storage space with our pallet collar hinges. This hinge makes assembling or storing crates quick and easy thanks to a robust galvanised steel design and removable pin.

Easy to install and re-engage: the offset bottom allows for easy stacking without the need to use fasteners. Store your pallet collars easily when not in used by simply folding them flat.



STACKABLE FOLDING PALLET BOX

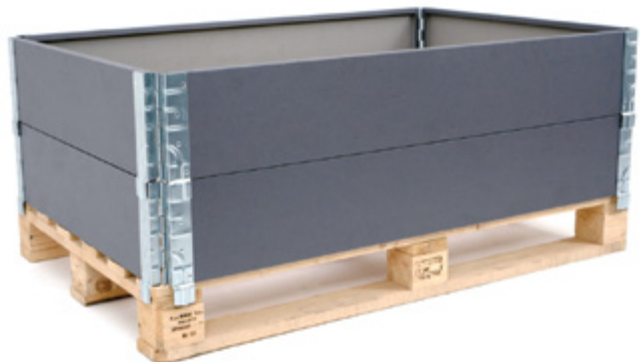
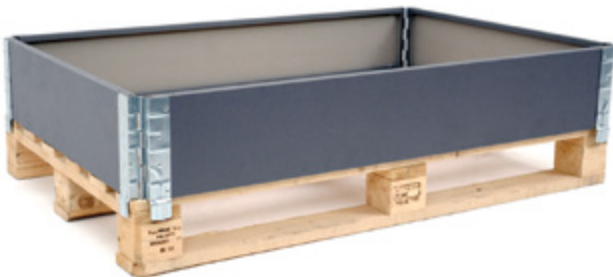


PSFG1 - Stackable Folding Pallet Box Storage System

This high-strength yet lightweight steel pallet box folds flat so you can easily store it, saving valuable space on return transport or when not in use. The unique collar hinges (also on page 5) are designed to provide a 'clip-in' capability so crates can be safely stacked vertically, offering excellent space utilization.

Superior to wood pallet crates, the steel frame provides access to high weight loadings and is far less susceptible to damage. Not just that but it also won't warp, rot or absorb moisture like timber does. No assembly required, just expand out to create your box or simply collapse it back down into a low-profile flat form.

Additional base and lid accessories coming soon

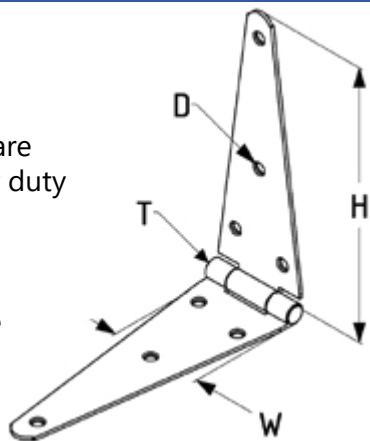


HINGES

Strap Hinges

Penn Elcom strap hinges are designed to handle heavy duty applications.

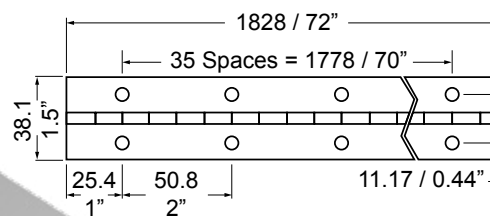
Offset hole locations add strength and prevents the plywood from splitting.



	Height (H)	Width (W)	Holes (D)	Thickness (T)	Material Thickness	Weight
1903	3" (75mm)	1.26" (32mm)	Ø3/16" (5mm)	5/16" (8mm)	1/16" (1.5mm)	0.22Lb (0.1Kg)
1904	4" (100mm)	1.24" (31.6mm)	Ø3/16" (5.5mm)	5/16" (8mm)	3/32" (2.5mm)	0.26Lb (0.12Kg)
1906	6" (150mm)	2.6" (66mm)	Ø1/4" (7mm)	9/16" (14mm)	3/32" (2.5mm)	0.65Lb (0.3Kg)
1908	8" (200mm)	2.9" (73.7mm)	Ø5/16" (7.5mm)	9/16" (14mm)	3/32" (2.5mm)	0.93Lb (0.42Kg)

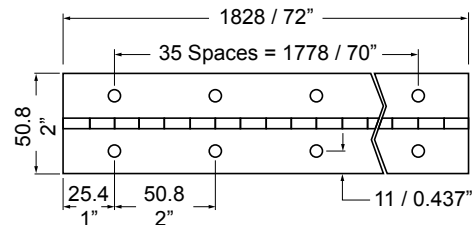
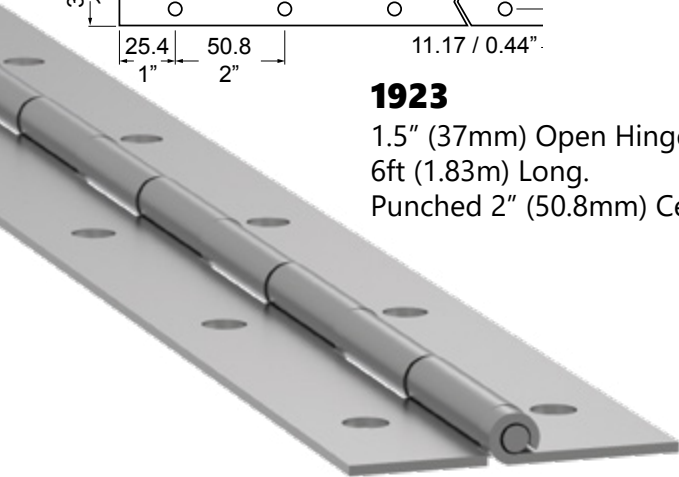


Piano Hinges



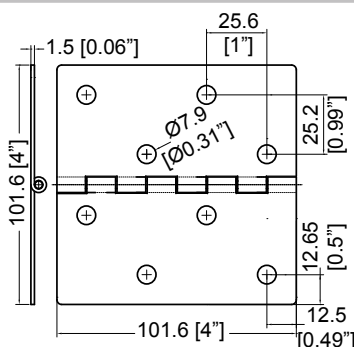
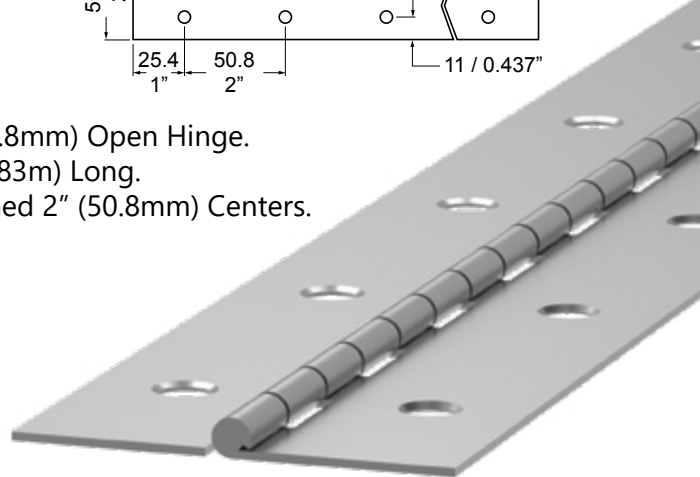
1923

1.5" (37mm) Open Hinge.
6ft (1.83m) Long.
Punched 2" (50.8mm) Centers.



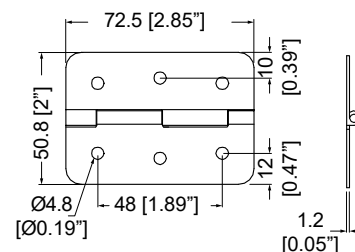
1965

2" (50.8mm) Open Hinge.
6ft (1.83m) Long.
Punched 2" (50.8mm) Centers.



P0630

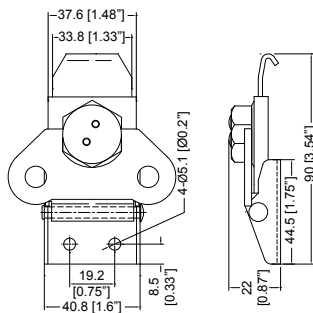
Hinge with staggered mounting holes.
4" x 4" (102mm x 102mm)



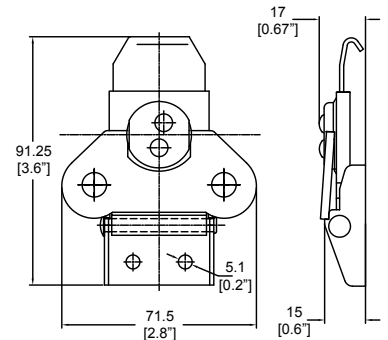
P1327

Pre-punched Hinge.
2.85" x 2" (72.5mm x 50.8mm)

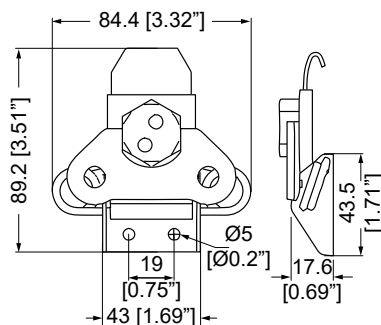
LATCHES



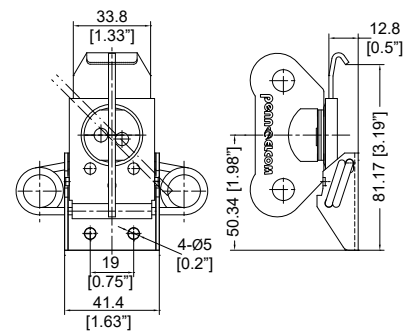
7536 Large surface mount twist latch.



7538 Large Low Level surface mount twist latch.

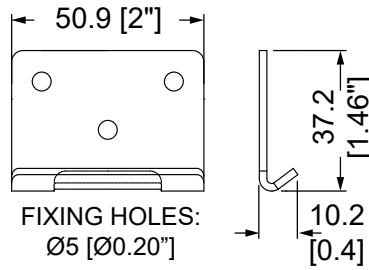


7566 Large surface mount twist latch.
Spring-loaded.



7568 Large low level surface mount twist latch.
Spring-loaded.

LATCHES



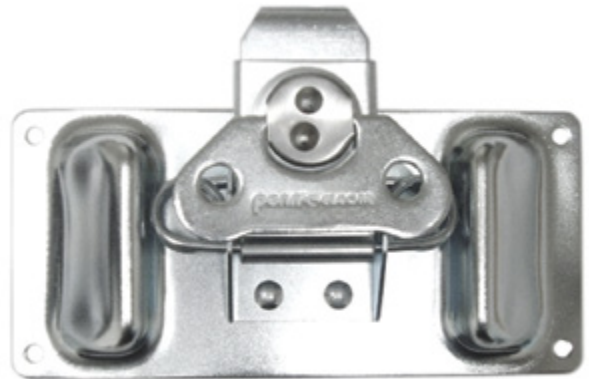
0371

Catch plate with slot that also allows side mounting.
To be used with 7536, 7538, 7566 and 7568.



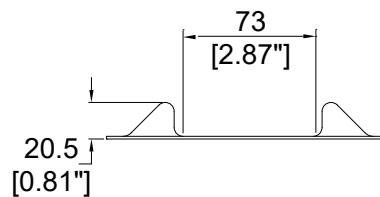
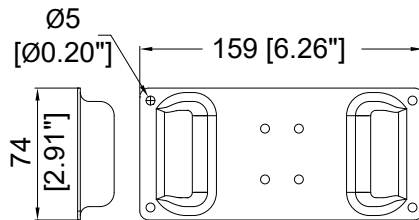
2017

Surface mount twist latch protector
To be used with 7536, 7538, 7566 and 7568.



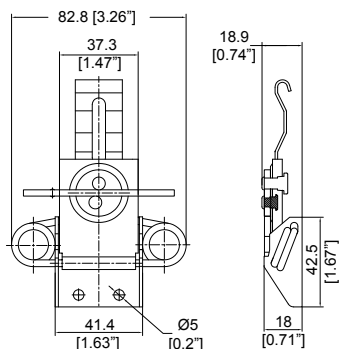
2017-7568

Large Surface Mount Twist Latch 7568 Pre-Riveted into 2017 protector plate with protective ridges.



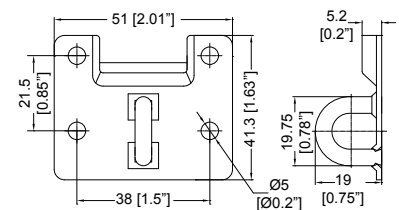
7589

Large surface mount twist latch.
Padlockable. Spring-loaded.

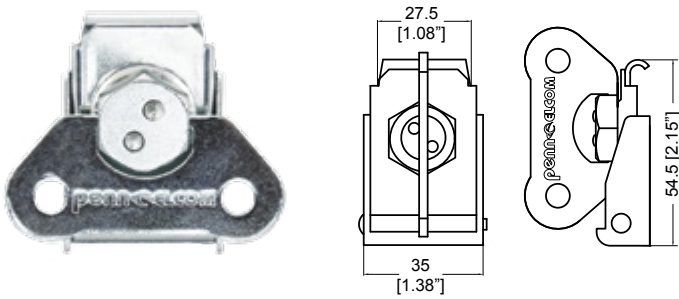


2011

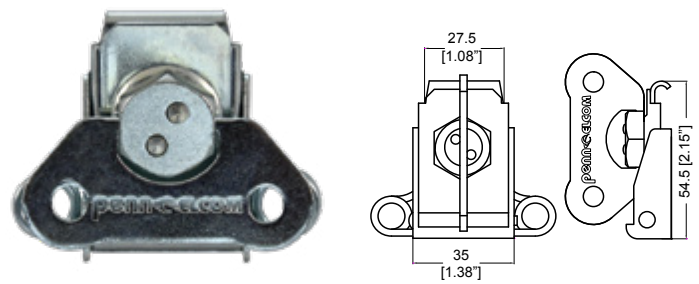
Padlocking catch plate to be used with 7589.



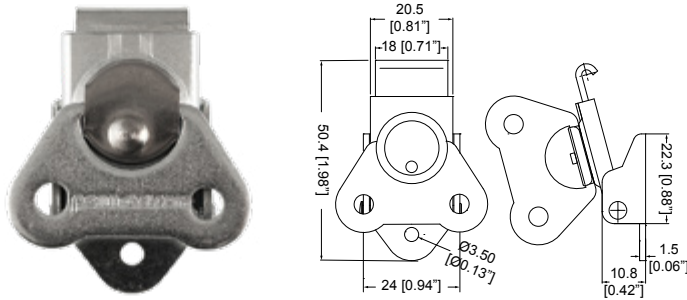
LATCHES



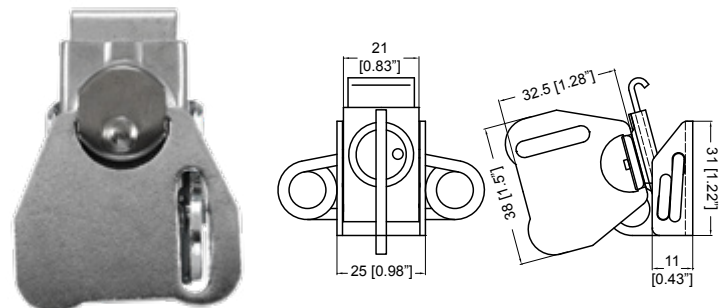
7435 Medium twist latch with 0.16" (4mm) mounting holes.



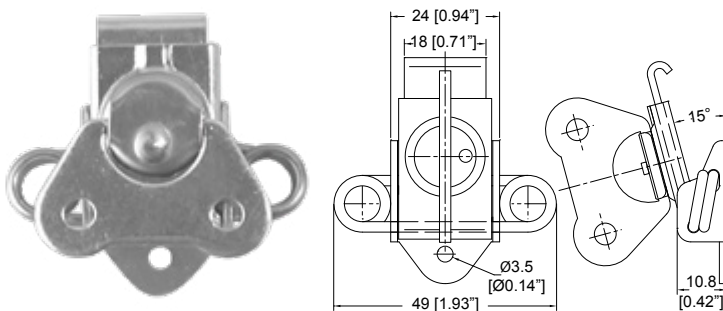
7460 Medium twist latch. Spring loaded.



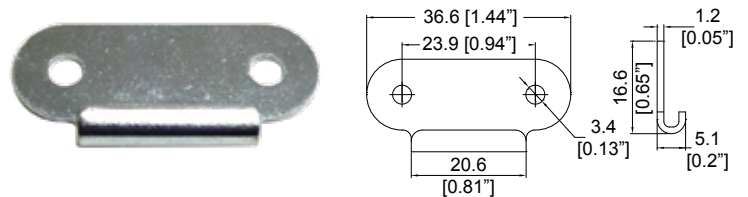
7335 Small low level surface mount twist latch with exposed mounting hole.



7339 Small surface mount twist latch. Padlockable.

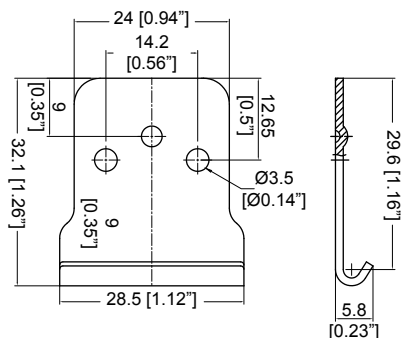


7365 Small low level surface mount twist latch. Spring-loaded. Exposed mounting hole.

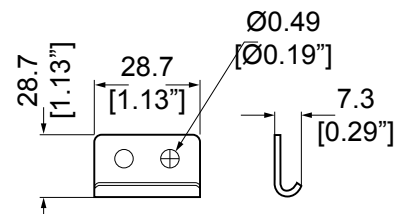


0334 Two hole extended catch plate.

LATCHES



2696 Extended catch plate.



2393 Medium catch plate.

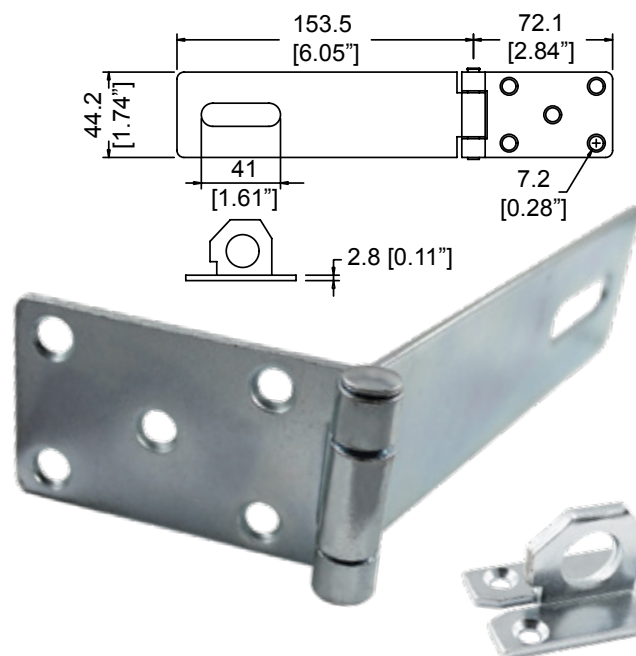
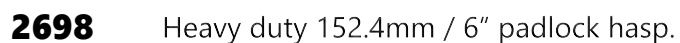
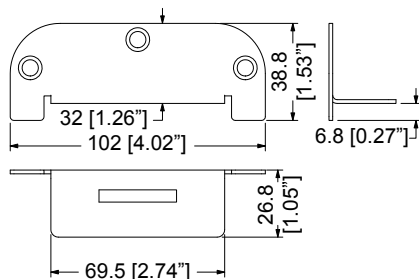
L905/55/915Z - Crating Latch

Medium Latch with Lid Catch Plate.

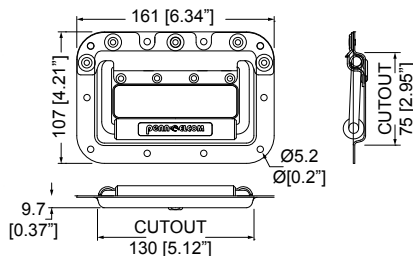
For use with wooden crate panels 11/16" (18mm) thick and above.

L905/55/915Z
L090555/CP

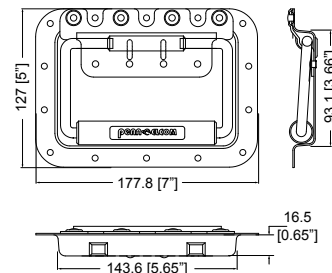
Medium Latch with Lid Catch Plate
Lid Catch Plate only



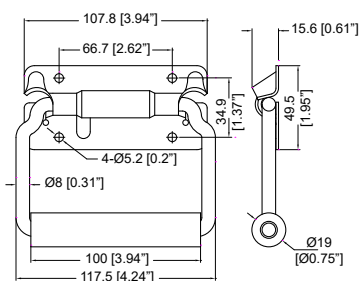
HANDLES



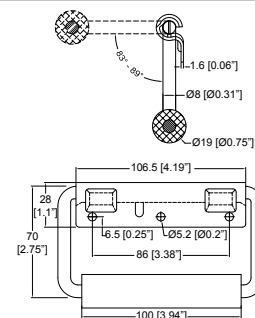
H7159 Heavy Duty Rivet Protected Recessed Handle. Double Sprung.
5/16" (8mm) Bail with 11/16" (17mm) Grip
Use Backplate H1906.



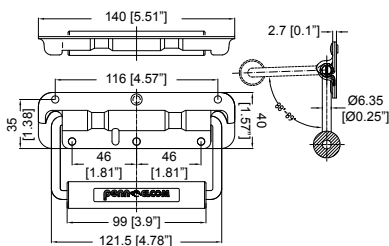
H7165 Rivet Protected Recessed Handle with Extended Grip. Double Sprung.
Use Backplate H1905.



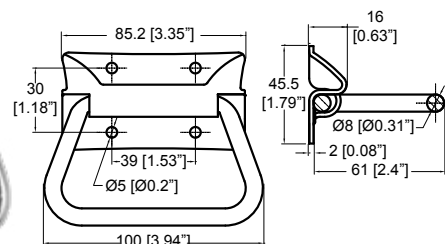
2351 Surface Mount Spring-Loaded Handle with 3/4" (19mm) rubber Grip.



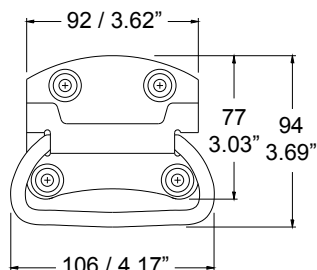
2356 Surface Mount Spring-Loaded Handle with 3/4" (19mm) rubber Grip.



H1053 Surface Mount Spring-Loaded Handle with 3/4" (19mm) rubber Grip.

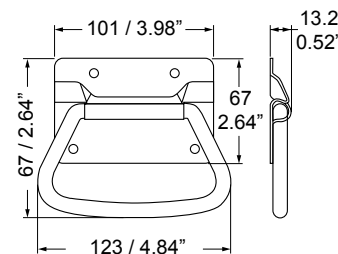


2450 Chest Handle.



4 mtg holes Ø6.6 / Ø0.26

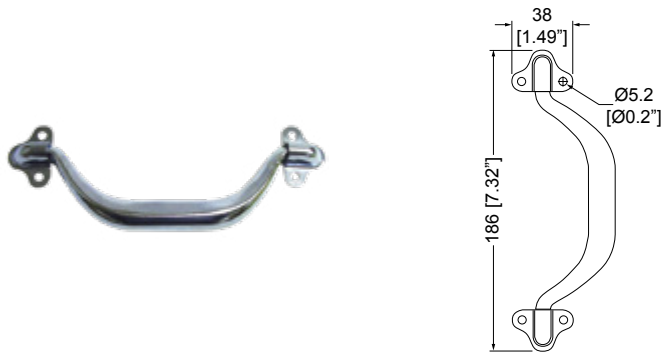
2457 Chest Handle with Countersunk Mounting Holes.



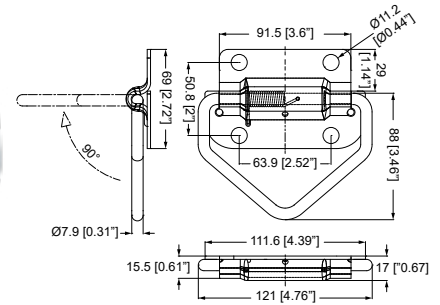
4 mtg holes Ø5.5 / Ø0.22

2460 Large Chest Handle.

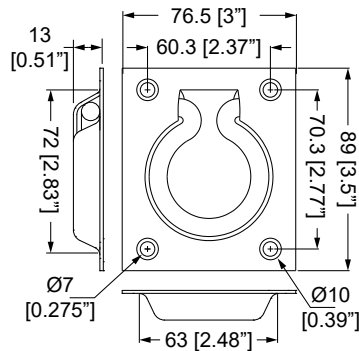
MISCELLANEOUS



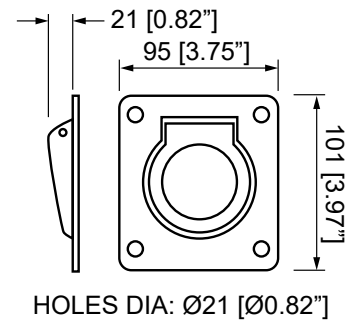
2386 Surface Mount Tubular Handle.
Supplied as 3-Piece Kit for Self Assembly.



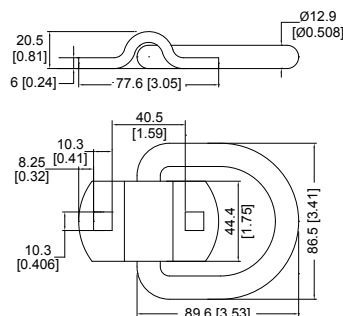
2467 Surface Mount Spring-Loaded Tie Down Anchor.



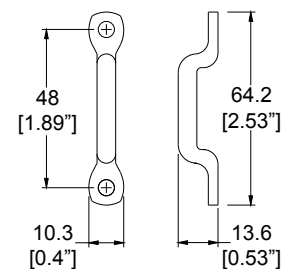
5715 Recessed Tie Down/Ring Pull.



H1435 Snap Back Spring Shackle. Test Certificate available.
H1460 Backplate for H1435.

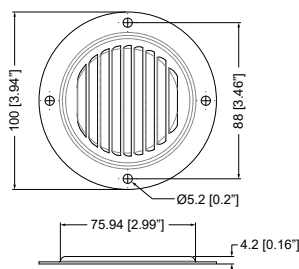


5711 Heavy Duty D-Ring. Use backplate 5711BP.

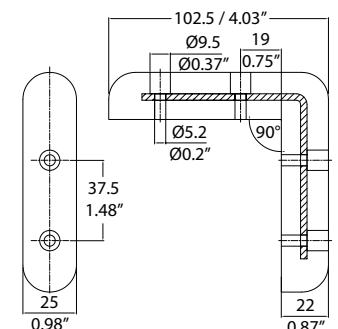


Mounting Holes Ø5.4 [Ø0.22"]

2125 Footman's Loop.



COVER-SPCC TSA Wooden Crate Ventilation Cover for K9 Screening

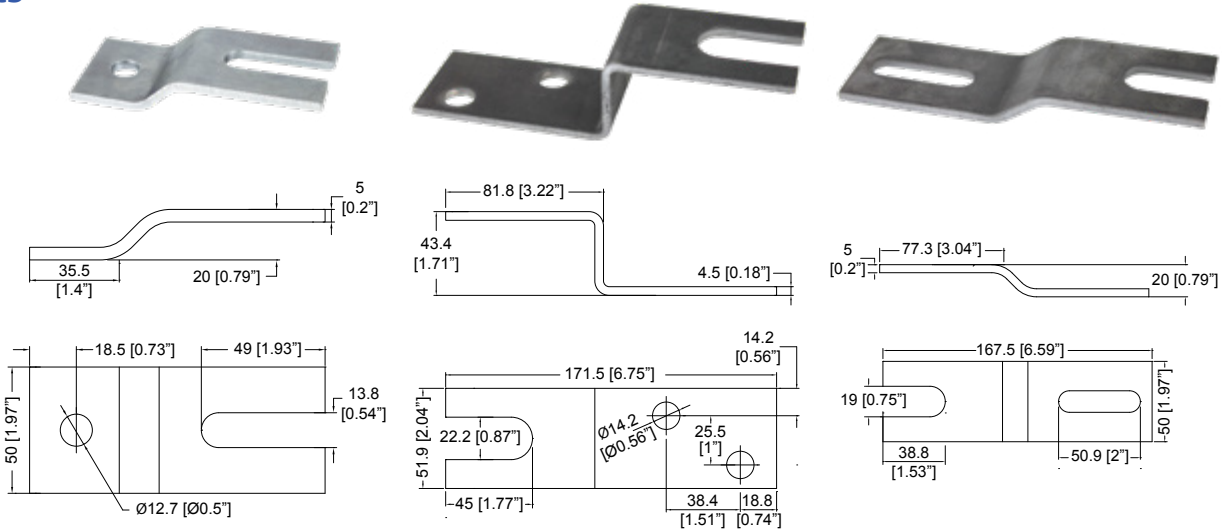
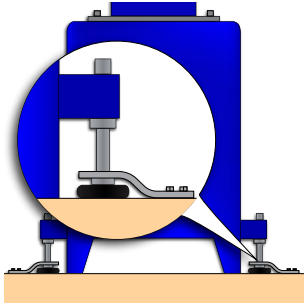


5387GREY Heavy Duty Corner Protector.
PVC with Steel Insert.

HEAVY DUTY BENT BRACKETS

Bent Fork Brackets

Penn Elcom offers a varied selection of heavy duty bent brackets to hold in place all types of machinery or equipment.



8649 Bent fork bracket with 1 mounting hole

8658 Bent fork bracket with 2 mounting holes

8653 Bent fork bracket with mounting slot

FOAM & GLUE



Etha Plank Foam - Charcoal.

Other thicknesses available by request. Custom sheet sizes available (minimum quantity will apply).

Width: 48" (1.22m)
Length: 108" (2.74m)

Part Number	Thickness
M62907/48	1/4" (6mm)
M62913/48	1/2" (13mm)
M62919/48	3/4" (19mm)
M62925/48	1" (25mm)
M62938/48	1.5" (38mm)
M62951/48	2" (51mm)
M62975/48	3" (75mm)

Width: 24" (610mm)
Length: 108" (2.74m)

Part Number	Thickness
M62907	1/4" (6mm)
M62913	1/2" (13mm)
M62919	3/4" (19mm)
M62925	1" (25mm)
M62938	1.5" (38mm)
M62951	2" (51mm)
M62975	3" (75mm)

M6900 - General Purpose Adhesive

A portable versatile solution for bonding foam, carpet and various other materials to various substrates.

Strong bonding - Fast tack - Fast drying.

Adjustable spray pattern.

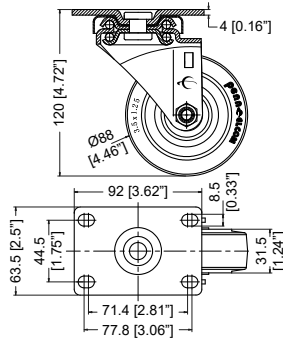
Contains no polyphenol.

Non-chlorinated.

17oz (500ml) Can



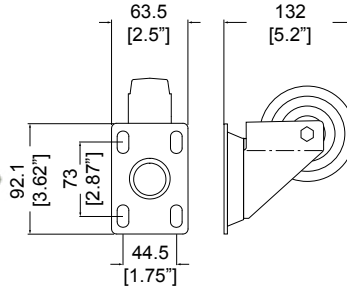
CASTERS



6355SR & 6355SRTB

3.5" (89mm) Swivel Caster.
1.26" (32mm) Wide Gray Rubber Wheel
Ball Bearing Swivel Raceway

Load Capacity per Wheel: 250lb (113kg)

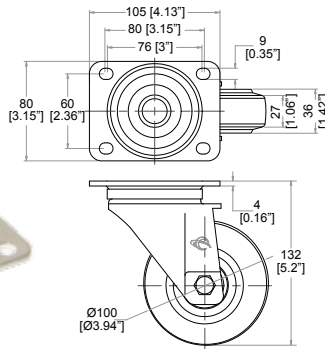


3175 & 3175TB

4" (100mm) Swivel Caster.
1.26" (32mm) Wide Gray Rubber Wheel
Ball Bearing Swivel Raceway.

Load Capacity per Wheel: 350lb (160kg)

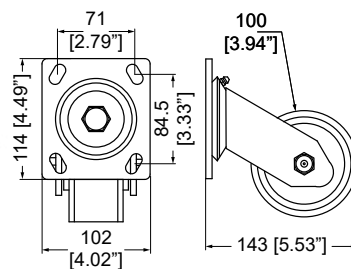
FIXING HOLES FOR 3/8" BOLT



W0990-V6 & W0985-V6

4" (100mm) Swivel Caster.
Blue Rubber wheel with Roller Bearings
with anti-dust ring.

Load Capacity per Wheel: 440lb (200kg)

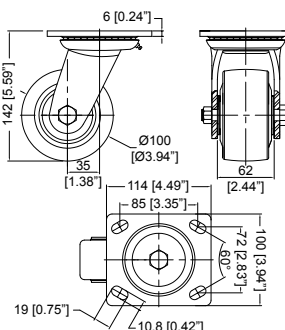


W0999 & W0999/B

4" (100mm) Heavy Duty Swivel Caster.
2" (51mm) Wide Polyurethane Green Wheel.
Green Polyurethane/Cast Iron Wheel with
Roller Bearings.
Grease Nipple for Bearings and Wheel Axle.

Load Capacity per Wheel: 700lb (320kg)

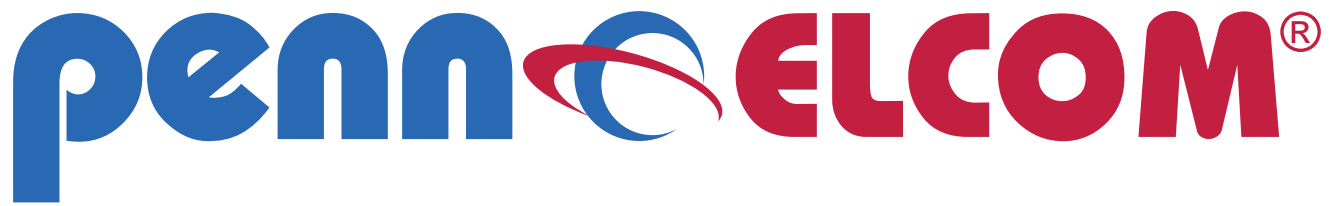
FIXING SLOTS: 20 x 11 [0.79" x 0.43"]



8408HD & 8408HDWB

4" (100mm) Heavy Duty Swivel Caster.
2" (51mm) Wide Polyurethane Red Wheel.
"Cold Forged" Top Plate and Base.
Hardened Double Ball Bearing Swivel
Raceways.
Grease Nipple for Bearings and Wheel Axle.
NSF Certified.

Load Capacity per Wheel: 750lb (340kg)



About Penn Elcom

Penn Elcom is a leading global manufacturer and distributor of crating, flight case and cabinet hardware with manufacturing facilities in the UK and China. We've built an eighteen-depot distribution network over six continents to directly supply the global industry with top quality products.

With over forty years of experience, we've developed an industry-leading catalog of Penn Elcom brand hardware and our signature latches, handles and corners are recognized the world over.

In addition, our specialist factories also develop and manufacture one of the most complete ranges of 19" enclosures and accessories available anywhere and supply the latest in LED, connectors, cable products and services.



Penn Elcom is your go-to crate component supplier.

To speak to one of our knowledgeable crating experts today

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800 228 9122

12691 Monarch Street
Garden Grove
California, 92841

california@penn-elcom.com

NEW JERSEY

800 446 7174

232 West Parkway
Pompton Plains
New Jersey, 07444

new_jersey@penn-elcom.com

TEXAS

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Texas, 77041

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CANADA

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