

IZERWAREN



Chapter Four

Marine Hinges, Hatch Cam Locks, Bulwark Latch and Weather Door Toggle devices. Deck Hardware



Edition 26

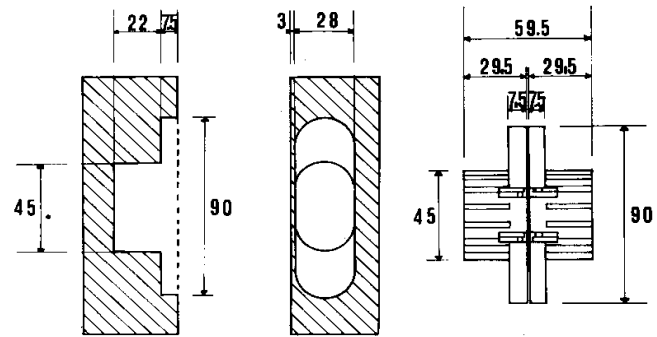
Non Corrosive Fine Building and Ships Hardware
IZERWAREN.COM



Izerwaren
Order
numbers

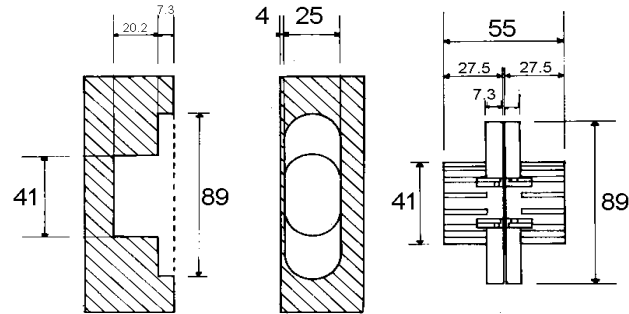
- Stainless steel, nylon and brass parts

- 41.078 Invisible hinge**
For medium heavy doors: 88 lbs.
using two hinges
Dimensions: 90 x 28 x 29.5
~ 3 1/2" x 1 1/8" x 1 3/16"
Min. door thickness: 35 mm / 1 1/2"
180 degree opening
White nylon and st. steel parts



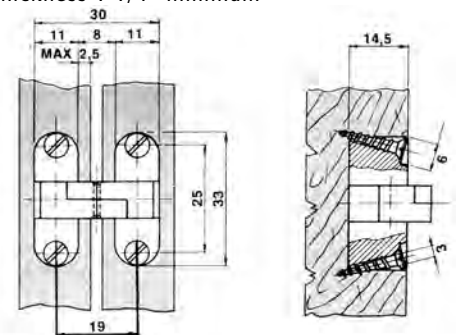
#41.078 Invisible hinge "INOX 78"; door thickness 1 1/2" minimum

- 41.066 Invisible hinge**
For medium heavy doors 88 lbs.
using two hinges
Dimensions: 89 x 25 x 27.5
~ 3 1/2" x 1 1/8" x 1 3/16"
Min. door thickness: 31 mm / 1 1/4"
180 degree opening
White nylon and st. steel parts



#41.066 Invisible hinge "INOX 66", door thickness 1 1/4" minimum

- 41.020 Invisible hinge**
For light doors: 22 lbs using 2
hinges
33 x 11 x 14.5 mm
~ 1 5/16" x 7/16" x 9/16"
Min. door thickness: 15 mm / 5/8"
180 degree opening
White or black nylon with nickel
plated brass



#41.020 invisible hinge "INOX 20", door thickness 5/8" minimum in white or black

- 41.088 Invisible hinge**
For medium to light doors: 50 to 22
lbs using 2 hinges
88 x 18 x 13 mm
Minimum door thickness: 24 mm
180 degree opening
Brass with stainless steel pins



- 41.052 Invisible hinge**
For medium to light doors: 40 to 22
lbs using 2 hinges
52 x 18 x 13 mm ~
Minimum door thickness: 24 mm
180 degree opening
Brass with stainless steel pins

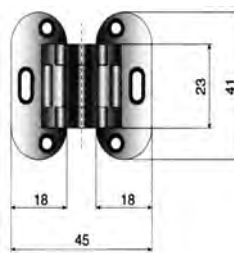
#41.041

#41.052

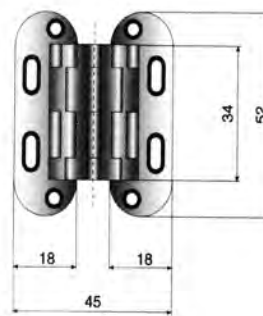
#41.088

For door thickness from 24 mm to 35 mm ~ 1" to 1 1/4"

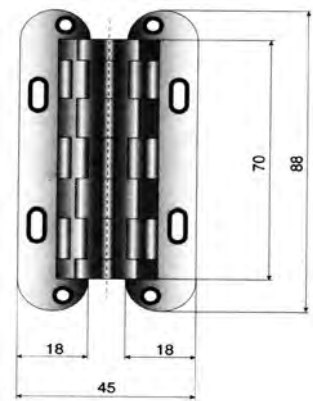
- 41.041 Invisible hinge**
For light doors: 22 lbs using 2
hinges
41 x 18 x 13 mm ~
Minimum door thickness: 24 mm
180 degree opening
Brass with stainless steel pins



#41.041



#41.052



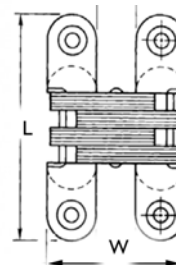
#41.088



Izerwaren
Order
number

“SOSS” type invisible hinge

Size hinge:
L: 5 1/2 inch x W: 3 53/64 inch
For full size doors
Door thickness: 2 inch
180 degree opening
Finish: 316 satin stainless steel



#41.220 Invisible Hinge,
minimum door thickness 2 inch.
Details: see page: 4-1-1-1-2

#41.418 Invisible Hinge
minimum door thickness 2 inch.
Details: see page 4-1-1-1-A

“SOSS” type invisible hinge

Size hinge:
L: 4 39/64 inch x W: 3 7/64 inch
For full size doors
Door thickness: 2 inch
180 degree opening
Finish: 316 satin stainless steel

41.418

“SOSS” type invisible hinge

Size hinge:
L: 4 5/8 inch x W: 2 3/4 inch
For full size doors
Door thickness: 1 3/8 inch
180 degree opening
Finish: 316 satin stainless steel

41.417



#41.417 Invisible Hinge,
minimum door thickness 1 3/8”
Details: see page 4-1-1-1-B

#41.221 Invisible Hinge
minimum door thickness 1 1/8 inch
Details: see page 4-1-1-1-C

“SOSS” type invisible hinge

Size hinge:
L: 3 3/4 inch x W: 2 3/64 inch
Door thickness: 1 1/8 inch
180 degree opening
Finish: 316 satin stainless steel

41.221

“SOSS” type invisible hinge

Size hinge:
L: 2 3/4 inch x W: 1 45/64 inch
Door thickness: 1 inch
180 degree opening
FINISH: 316 SATIN STAINLESS STEEL

41.208



#41.208 Invisible Hinge
minimum door thickness 1 inch
Details: see page 4-1-1-1-D

#41.204 Invisible Hinge
minimum door thickness 3/4 inch
Details: see page 4-1-1-1-E

“SOSS” type invisible hinge

Size hinge:
L: 2 3/8 inch x W: 1 3/8 inch
Door thickness: 3/4 inch
180 degree opening
Finish: 316 satin stainless steel

41.204

“SOSS” type invisible hinge

Size hinge:
L: 1 3/4 inch x W: 1 23/64 inch
Door thickness: 5/8 inch
180 degree opening
Finish: 316 satin stainless steel
Max. Door weight: 30 kg / 66 lbs
using 3 hinges
Finish: 316 satin stainless steel

41.203



#41.203 Invisible Hinge
minimum door thickness 3/4 inch.
Details: see page 4-1-1-1-F

#41.101 Invisible Hinge
minimum door thickness 5/8 inch.
Details: see page 4-1-1-1-G

L: 1 11/16 inch x W: 1 3/64 inch
Door thickness: 5/8 inch
180 degree opening
Finish: 316 satin stainless steel
Max. Door weight: 7 kg / 15.4 lbs
using 3 hinges
Finish: 316 satin stainless steel

41.101



Izerwaren
Order
number

41.220.508 "SOSS" type invisible hinge

Size hinge:

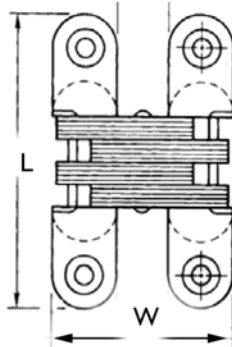
L: 5 1/2 inch x W: 3 53/64 inch

For full size fire rated doors

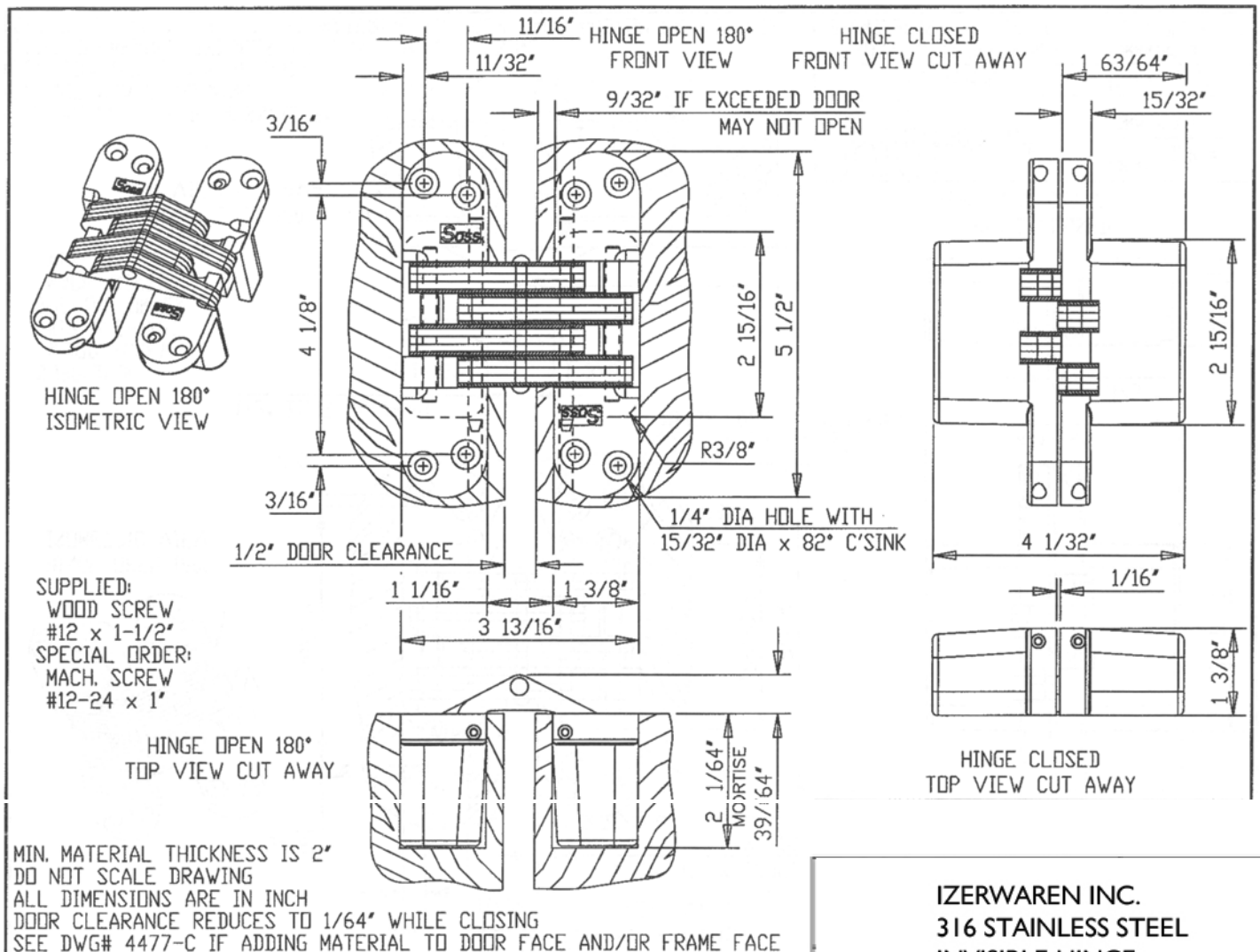
Door thickness: min 2 inch.

180 degree opening

Finish: 316 satin stainless steel



#41.220 Invisible Hinge, minimum door thickness of min. 2 inch



IZERWAREN INC.
316 STAINLESS STEEL
INVISIBLE HINGE



Izerwaren
Order
number

41.418.508

"SOSS" type invisible hinge

Satin stainless steel

Size hinge:

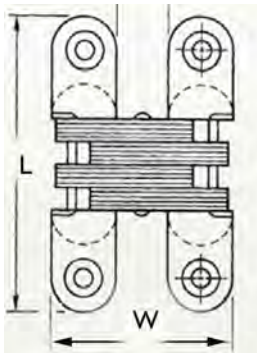
L: 4 39/64 inch x W: 3 7/64 inch

For full size doors

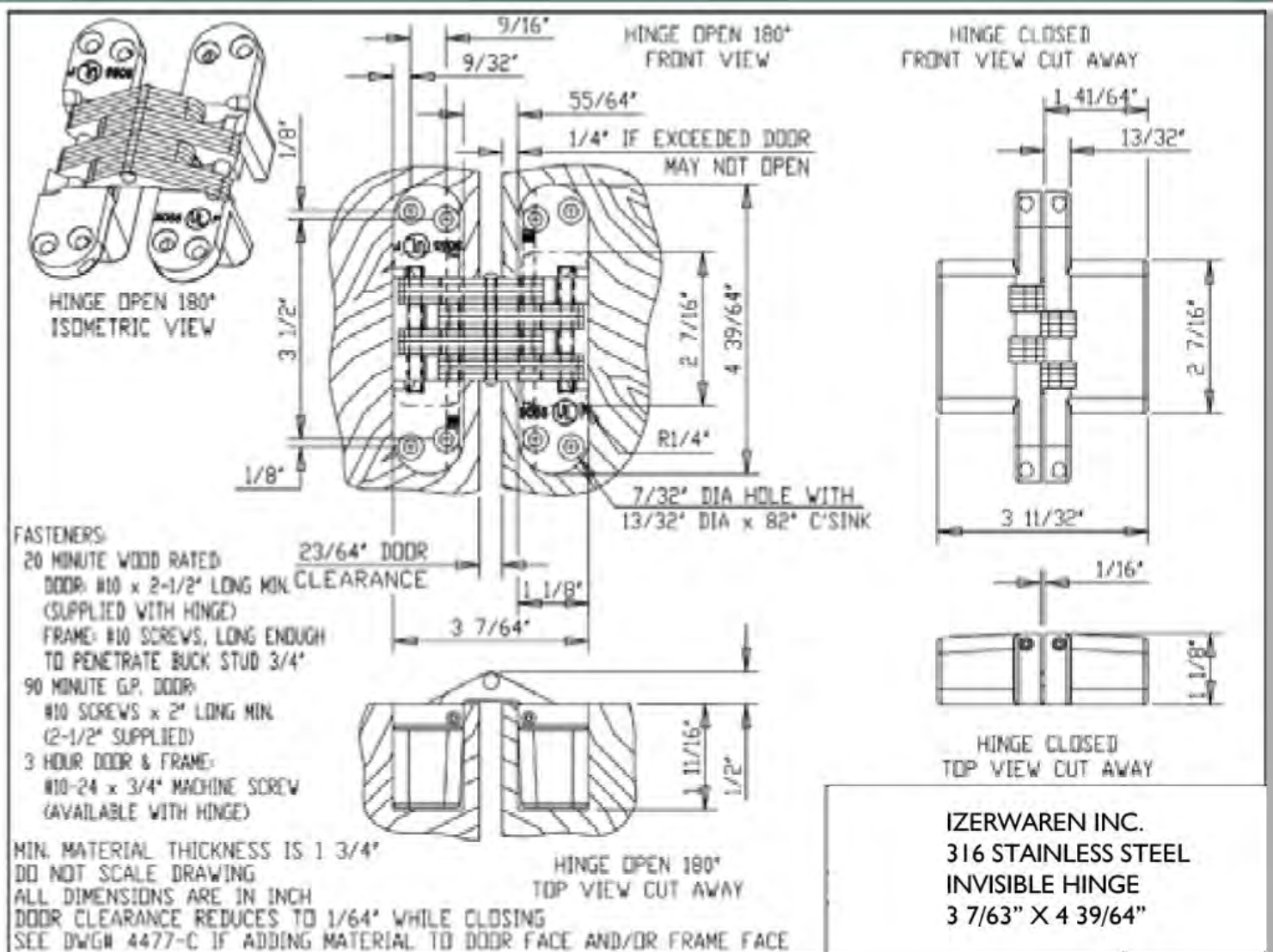
Door thickness: 2 inch

180 degree opening

Finish: 316 satin stainless steel



#41.418 Invisible Hinge, minimum door thickness 2 inch

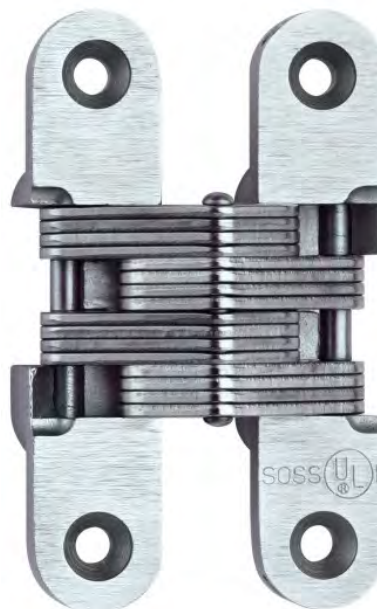
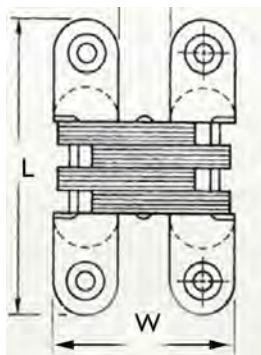




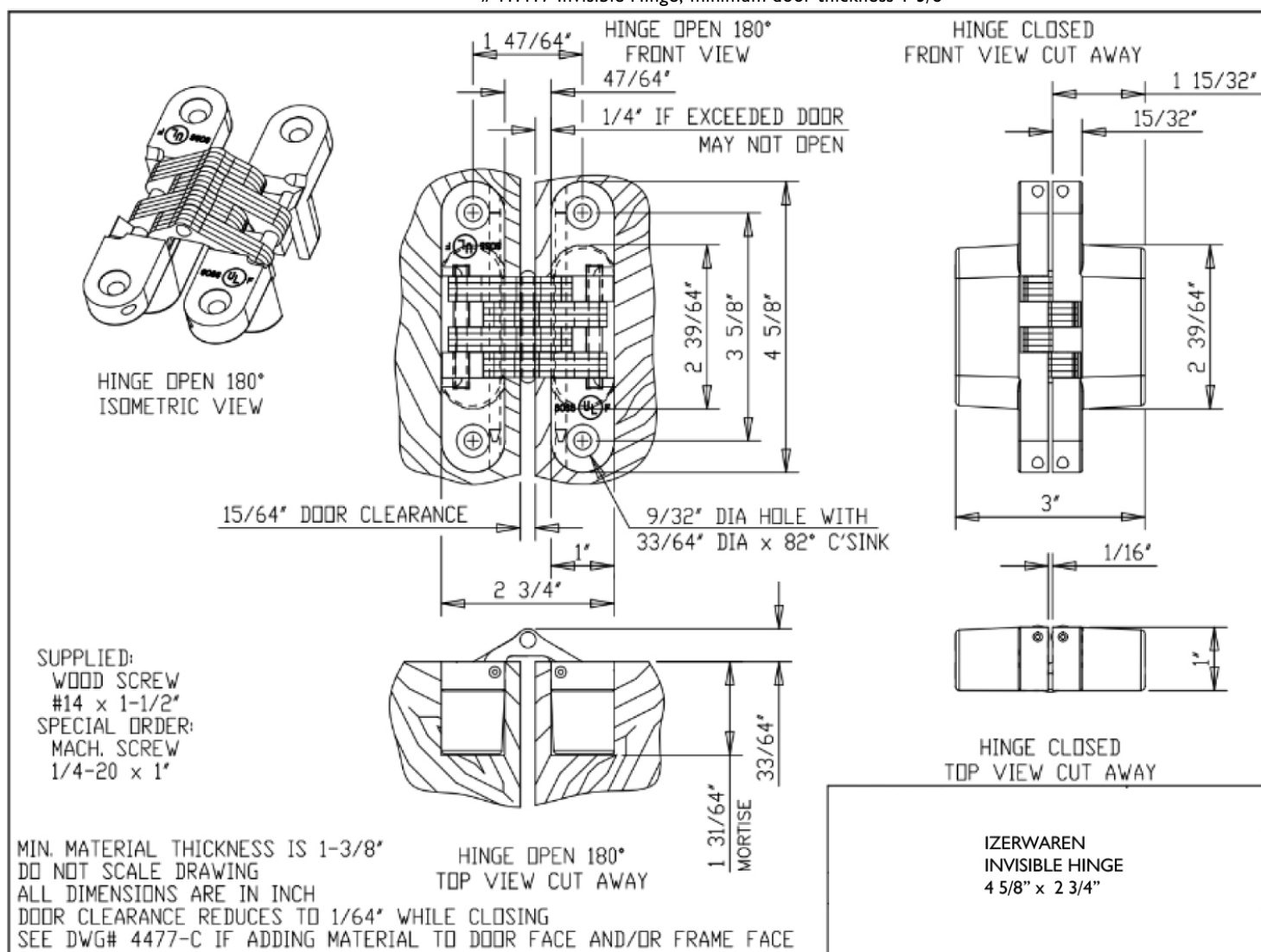
Izerwaren
Order number
41.417.508

"SOSS" type invisible hinge

Satin stainless steel
Size hinge:
L: 4 5/8 inch x W: 2 3/4 inch
For full size doors
Door thickness: 1 3/8 inch
180 degree opening
Finish: 316 satin stainless steel



#41.417 Invisible Hinge, minimum door thickness 1 3/8"





Izerwaren
Order
number

41.221.508 "SOSS" type invisible hinge

Satin Stainless steel

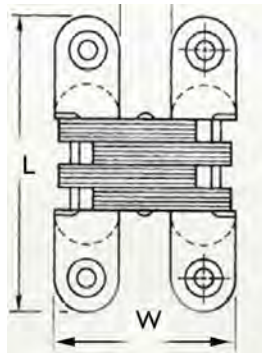
Size hinge:

L: 3 3/4 inch x W: 2 3/64 inch

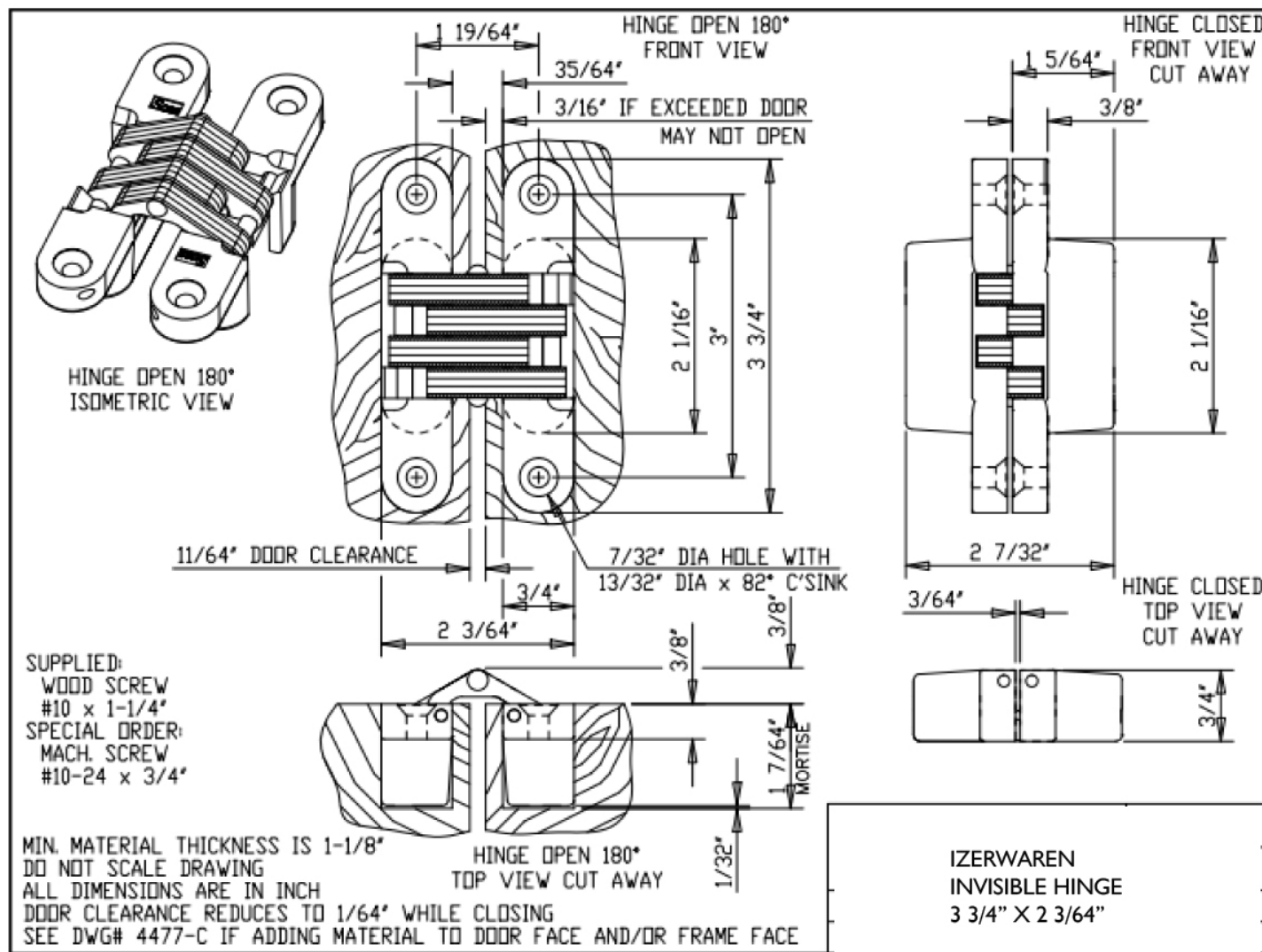
Door thickness: 1 1/8 inch

180 degree opening

Finish: 316 satin stainless steel



#41.221 Invisible Hinge, minimum door thickness 1 1/8 inch-

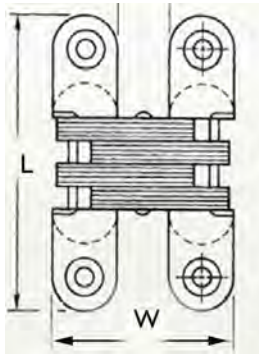




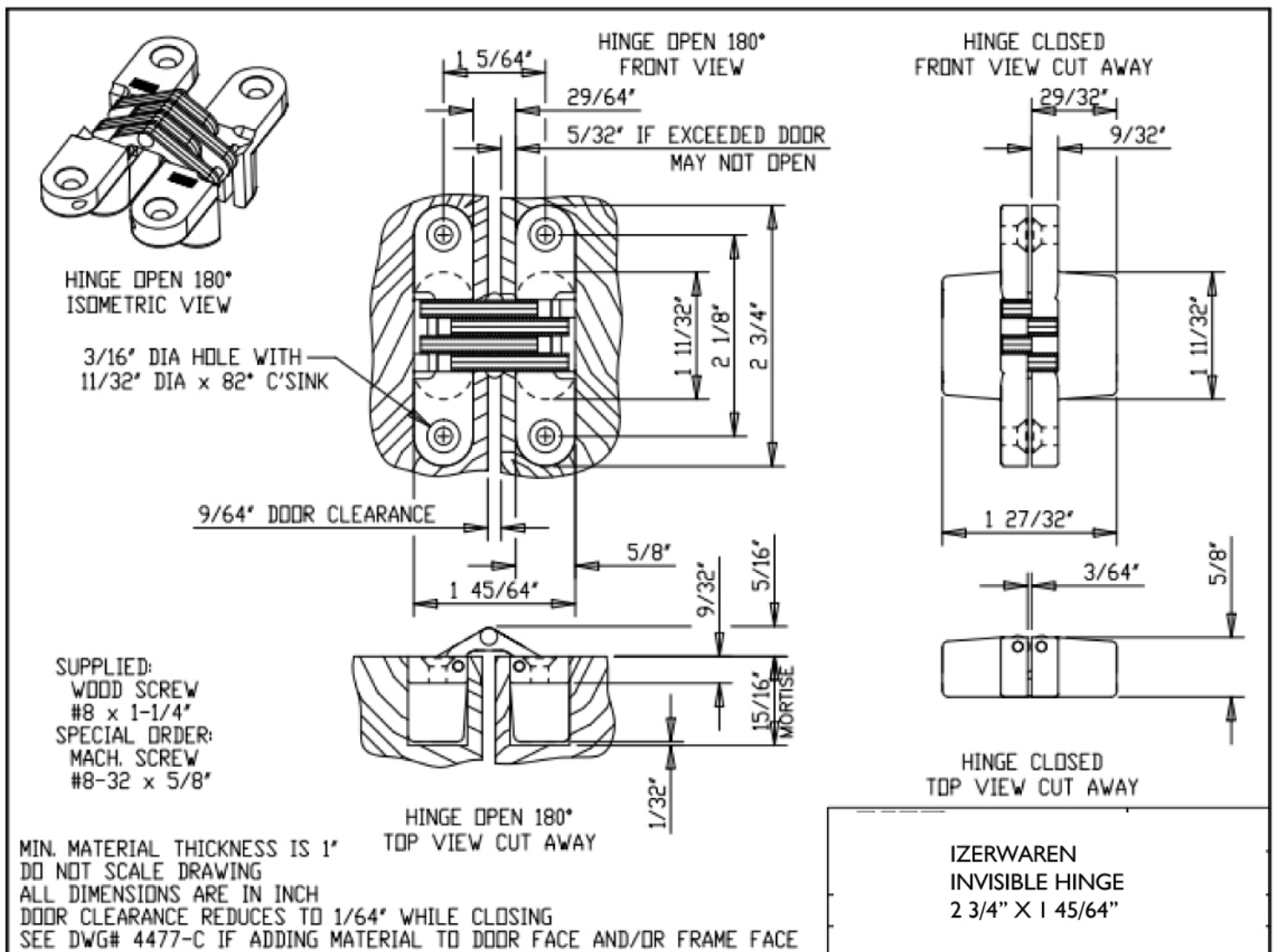
Izerwaren
Order
number

41.208.508 **"SOSS" type invisible hinge**
Satin 316 stainless steel
Size hinge:
L: 2 3/4 inch x W: 1 45/64 inch

Door thickness: 1 inch
180 degree opening
Finish: 316 satin stainless steel



#41.208 Invisible Hinge, minimum door thickness 1 inch





Izerwaren
Order
numbers

41.204.508 "SOSS" type invisible hinge

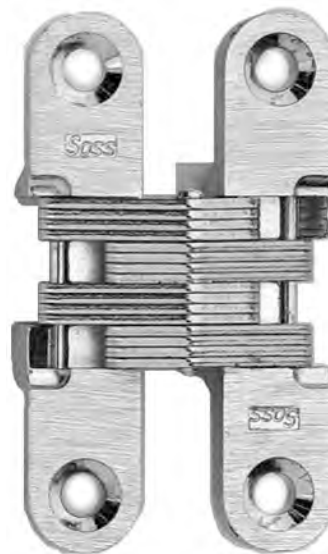
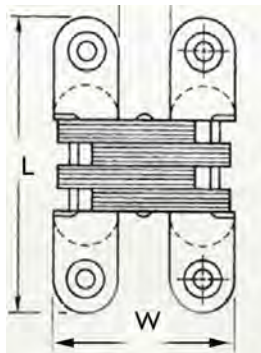
Size hinge:

L: 2 3/8 inch x W: 1 3/8 inch

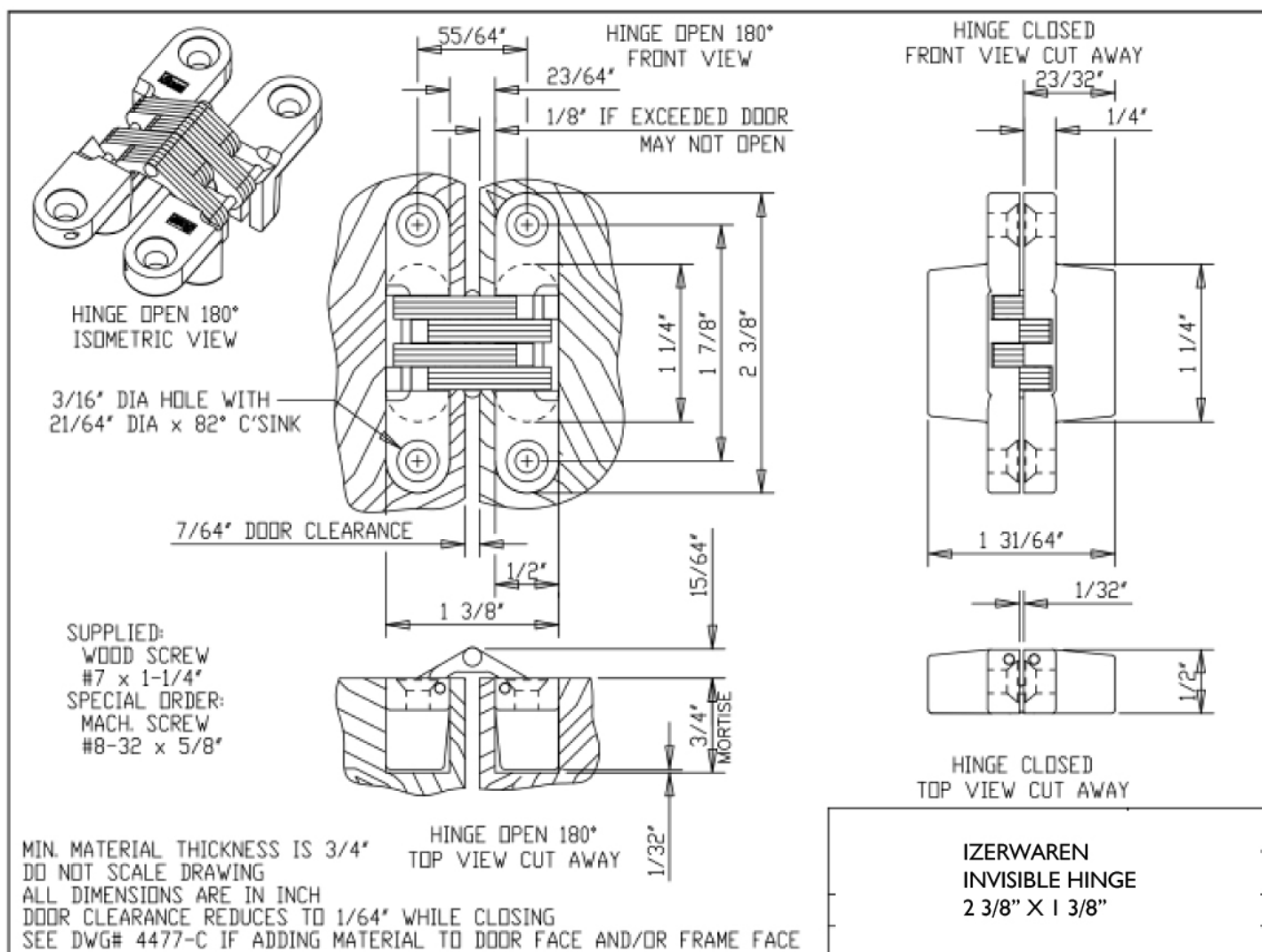
Door thickness: 3/4 inch

180 degree opening

Finish: 316 satin stainless steel



#41.204 Invisible Hinge, minimum door thickness 3/4 inch





Izerwaren
Order
number

41.203.508 **"SOSS" type invisible hinge**

Satin Stainless Steel

Size hinge:

L: 1 3/4 inch x W: 1 23/64 inch

Door thickness: 3/4 inch

180 degree opening

Finish: 316 satin stainless steel

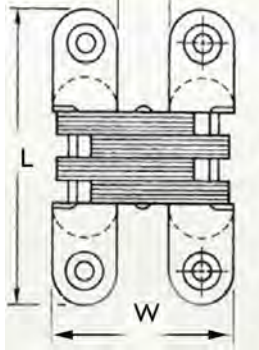
Minimum door thickness: 3/4 inch

180 degree opening

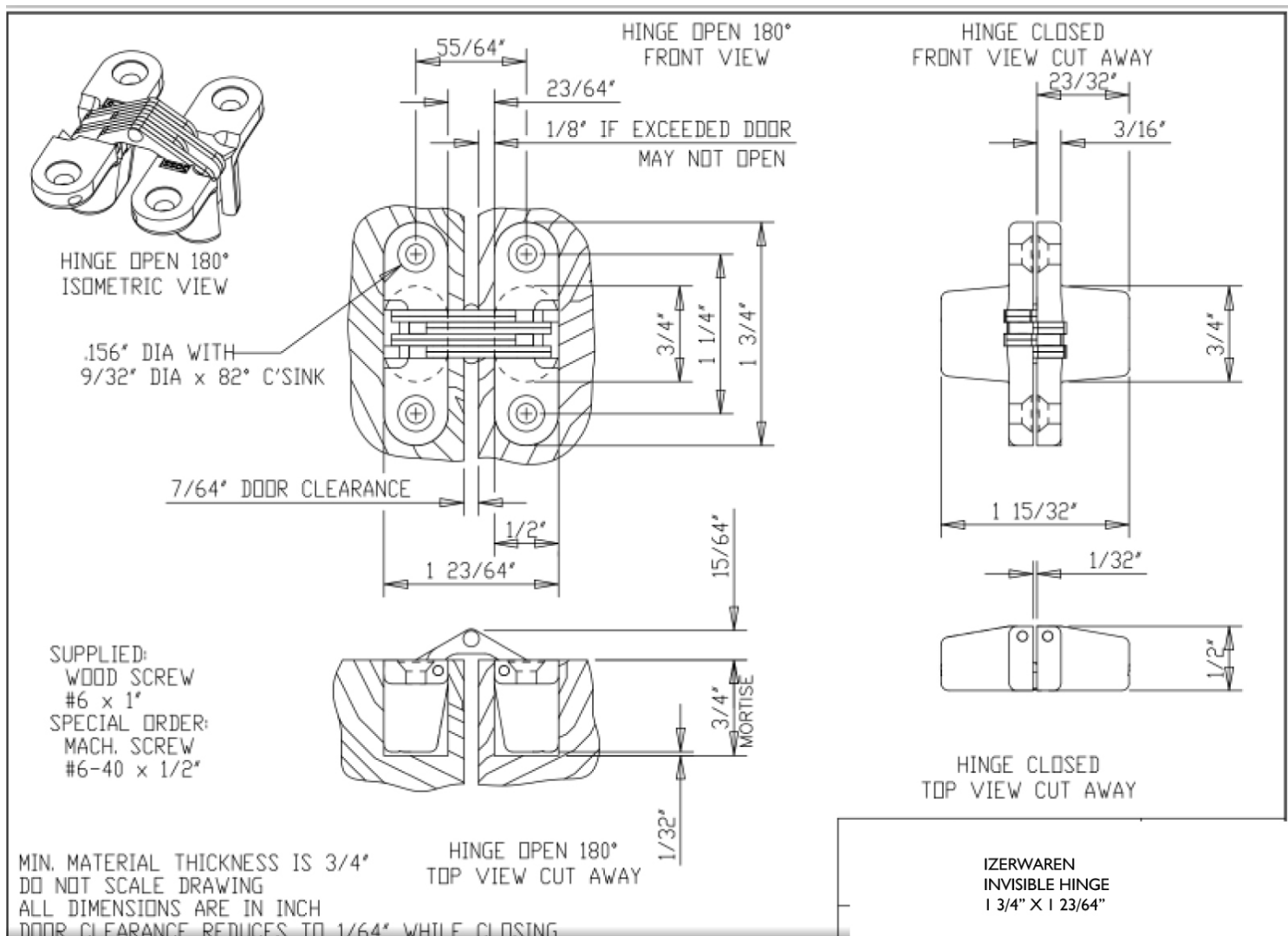
Max. Door weight: 30 kg / 66 lbs

using 3 hinges

Finish: 316 satin stainless steel



#41.203 Invisible Hinge, minimum door thickness 3/4 inch





Izerwaren
Order
number

41.101 "SOSS" type invisible hinge

Size hinge:

L: 1 11/16 inch x W: 1 3/64 inch

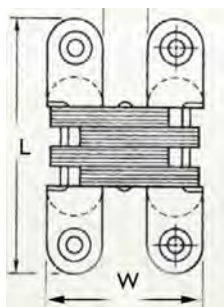
Door thickness: 5/8 inch

180 degree opening

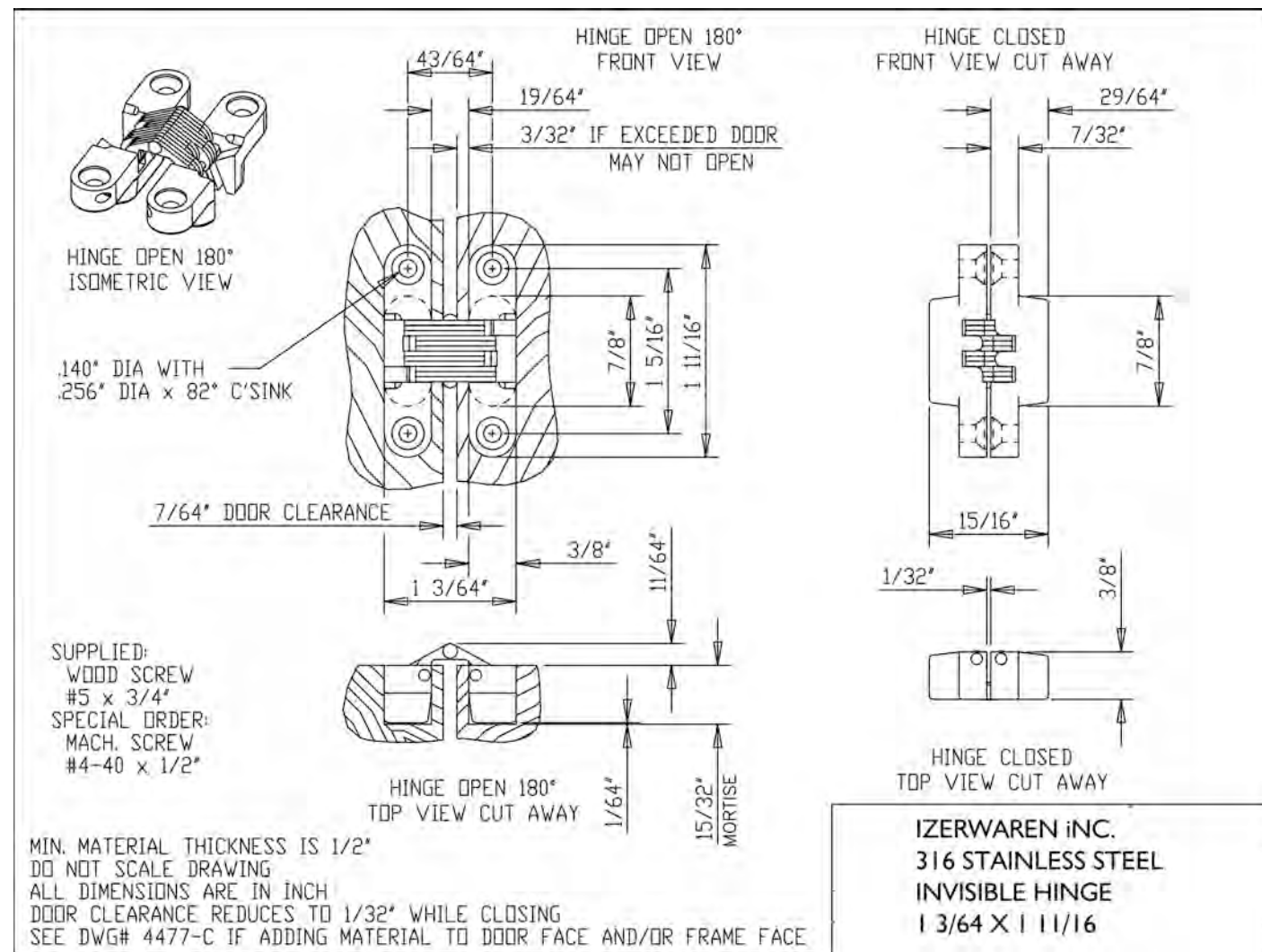
Finish: 316 satin stainless steel

Max. Door weight: 7 kg / 15.4 lbs
using 3 hinges

Finish: 316 satin stainless steel



#41.101 Invisible Hinge, minimum door thickness 5/8 inch.

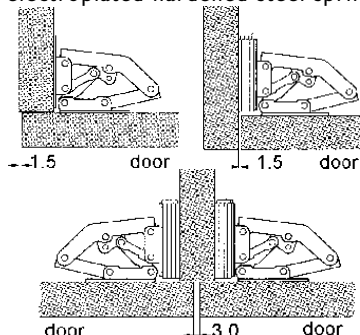




Izerwaren Stronger then regular "Euro" hinges
Order numbers

303 STAINLESS STEEL EASY ON HINGE LIGHT DUTY INTERIOR GRADE WITH STEEL SPRING

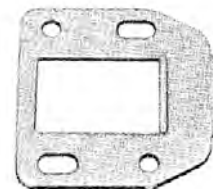
42.20S **Easy on hinge** (2000S) spring loaded
For overlay, half overlay or insert doors.
Door thickness: 3/4" or 20 mm
Dimensions: Open: 4 1/16" L x 1 3/4"W
The spring loaded version has an electroplated hardened steel spring.



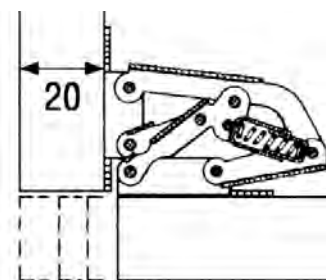
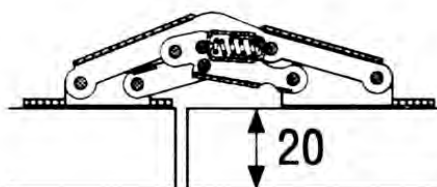
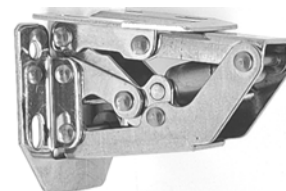
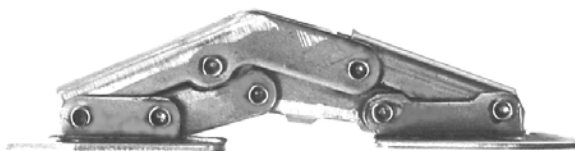
Installation:

Easy and quick installing non mortise cabinet hinge, no machining. Self closing and self locking. (spring loaded version)
Use filler plates when installing half overlay or insert doors

42.001 White nylon filler plates (2001)
Filler plates thickness: 1/16" thick
For 2000S model only



Filler plate #42.001

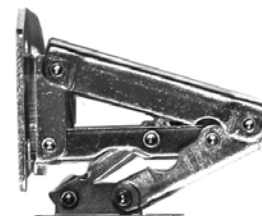
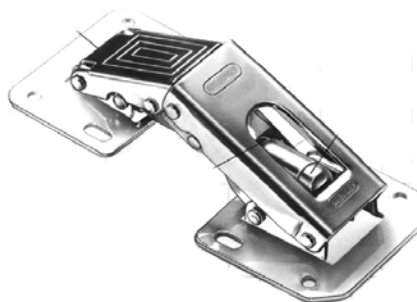


Leave 1.5 mm 1/16" gap when installing insert doors and full overlay.
Leave 3 mm 1/8" gap when installing 2 doors back to back half overlay. For 3/4" thick material

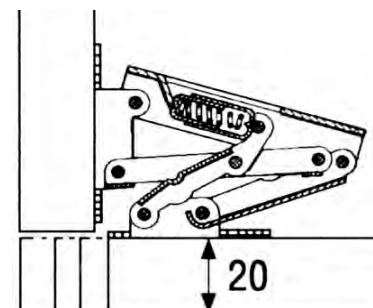
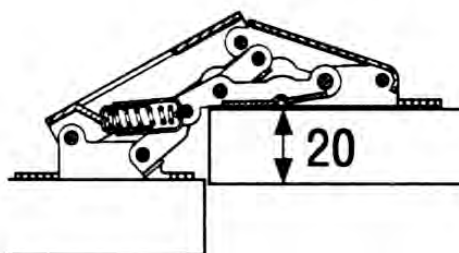
90 DEGREE OFFSET STEEL GALVANISED STEEL EASY ON HINGE

42.0FS **Offset type hinge.**
Easy on hinge (2000FS) spring loaded
For overlay doors.
90 degree opening, door swings out.
Galvanized steel.

Door thickness: 3/4" or 20 mm
Dimensions: Open: 4 1/16" L x 1 3/4"W
Self closing and self locking = (spring loaded version)
The spring loaded version has an electroplated hardened steel spring.



#42.0FS 90 degree offset galvanized steel "easy on hinge", spring loaded hinge



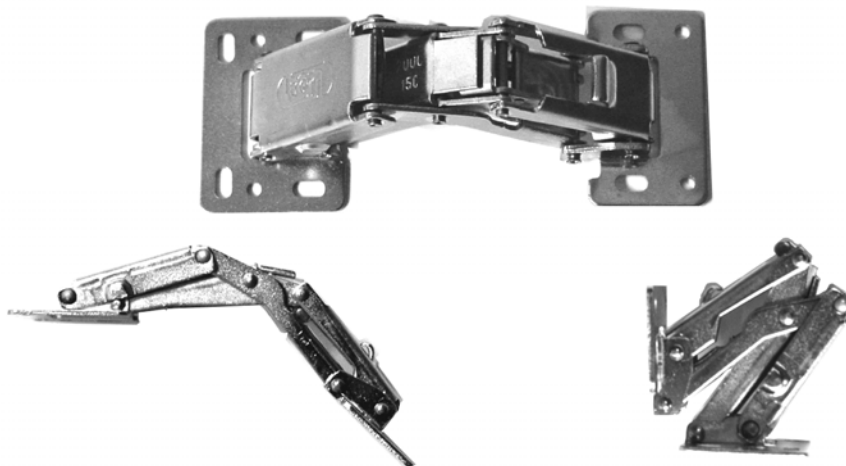
Leave 1.5 mm 1/16" gap when installing insert doors and full overlay. For 3/4" thick material



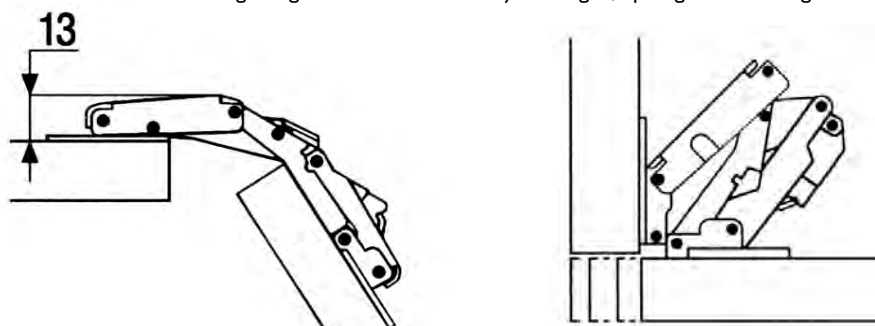
Izerwaren Stronger than regular "Euro" hinges
Order numbers

150 DEGREE STEEL GALVANISED STEEL EASY ON HINGE

- 42.15S **Easy on hinge** (2000/150S) spring loaded
150 degree opening,
For overlay, half overlay or insert
doors.
Dimensions: Open: 5 3/16" L x 2 1/16" W
Required door thickness: 3/4" or 20 mm
The spring loaded version has an
electroplated hardened steel spring.
Installation:
Easy and quick installing non mortise
cabinet hinge, no machining. Self
closing and self locking. (spring
loaded version)

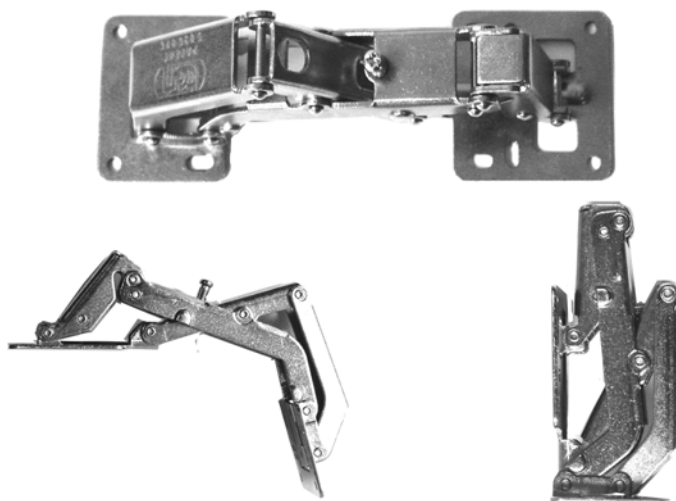


#42.150S 150 degree galvanized steel "easy on hinge", spring loaded hinge

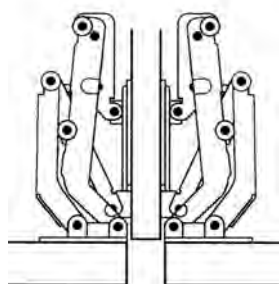


- 42.17S **Easy on hinge** (2000/170S) spring loaded
170 degree opening,
For overlay, half overlay or insert
doors.
Dimensions: Open: 6 1/4" L x 2" W
Required door thickness: 3/4" or 20 mm
The spring loaded version has an
electroplated hardened steel spring.
Installation:
Easy and quick installing non mortise
cabinet hinge, no machining. Self
closing and self locking. (spring
loaded version)

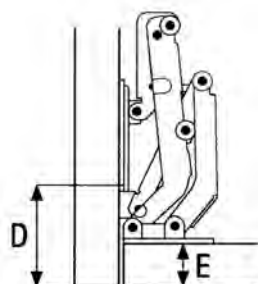
170 DEGREE STEEL GALVANISED STEEL EASY ON HINGE



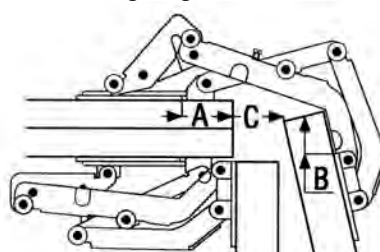
#42.17S 170 degree galvanized steel "easy on hinge", spring loaded hinge



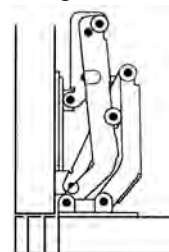
Double doors



D= Maximum 44 mm
B= Maximum 20 mm



A= fixed at 24 mm C= distance 24 mm
B= adjustable from 0 to 20 mm

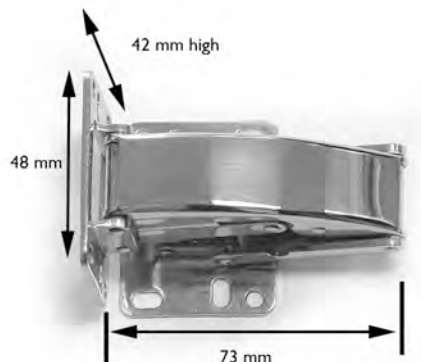




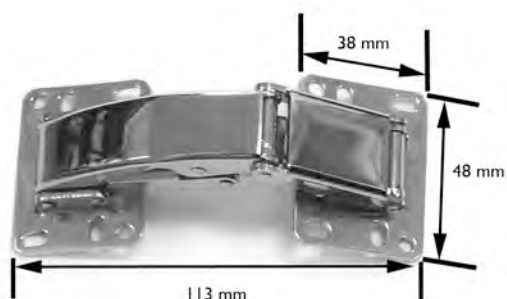
316 STAINLESS STEEL INVISIBLE HINGE 12 MM OR 1/2 INCH THICK MATERIAL

Izerwaren
Order
numbers

**Invisible on hinge for cabinet doors
or small deck hatches
316 polished stainless steel
125 degree opening
For inlay or up lay doors
Load: Max. 12 lb per hinge
12 mm door thickness**



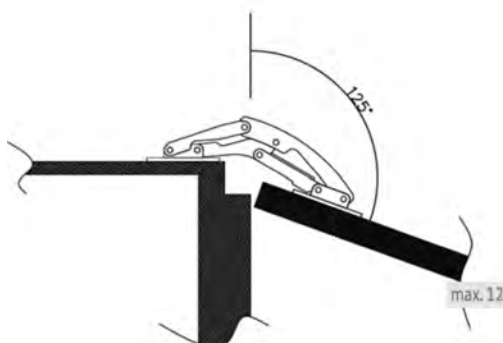
42.7753 #42.7753 Easy On hinge;
Closed dimensions in mm: 73 long x 42 high x 48 wide



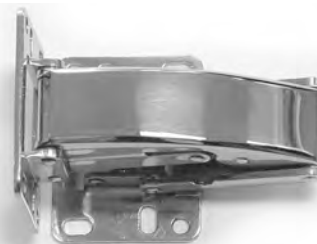
Open dimensions in mm: 113 long x 48 wide
Footprint hinge plates: 48 x 38 mm



125-degree max. opening by 125 degree



Drawing showing 125 degree opening door.
With a hatch 12 mm thickness.



#42.7753 Easy On hinge; 135 degree 316 polished stainless steel



Easy on hinge closed: 73 x 62 x 2 mm thick.
Footprint: 48 x 38 mm.



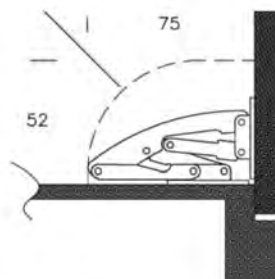
#42.7753; 125-degree 316 stainless steel easy on hinge



Half way open/ offset



125 degree fully open



Showing Turning Arc of Hinge Leaf as 75 mm by 52 mm



Izerwaren
Order
numbers

316 STAINLESS STEEL INVISIBLE HINGE

Invisible on hinge for Hatches, Bulwark Doors
Cabinet doors.

316 polished stainless steel

135 degree opening

For inlay or up lay doors

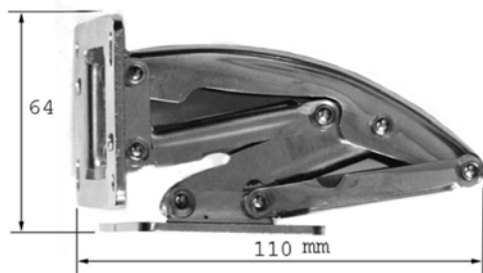
42.7753 **Small: Max. 12 lb per hinge**
invisible / easy on hinge 316 stainless steel
size 75 x 42 mm (3 x 2 5/8 inch)

42.8865 **Medium: Max. 50 lb per hinge**
invisible / easy on hinge 316 stainless steel
size 110 x 64 mm (4 1/4 x 2 1/2 inch)

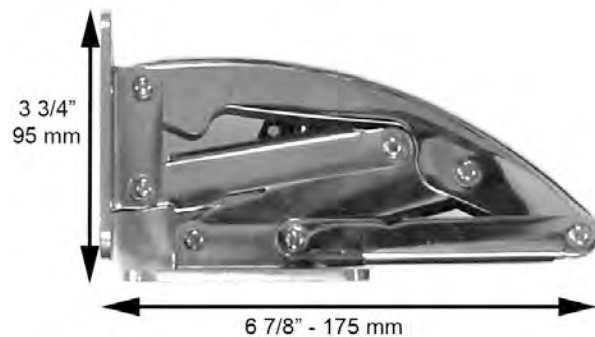
42.7755 **Big: Max. 75 lb per hinge**
invisible / easy on hinge 316 stainless steel
size 175 x 94 mm (6 7/8 x 3 3/4 inch)



42.7753 Small Size 3 x 2 5/8 inch



42.8865 Medium Size: 4 1/4 x 2 1/2 inch



42.7755 Big Size: 6 7/8 x 3 3/4 inch



125 degree hatch opening



42.7753



42.8865



42.7755

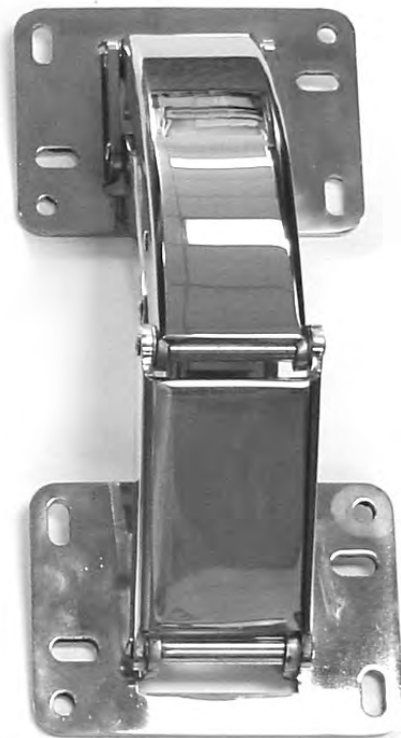




42.7753 Small: Max. load:
12 lb per hinge.



42.8865 Medium: Max. load:
50 lb per hinge.



42.7755 Big: Max. load:
75 lb per hinge.

INVISIBLE ON HINGE FOR HATCHES, BULWARK DOORS CABINET DOORS.

* 316 polished stainless steel

* 115 degree opening

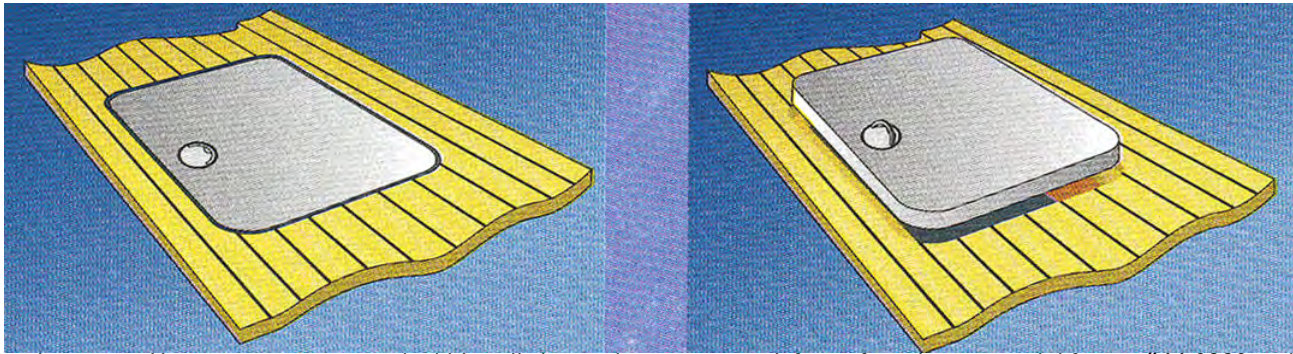
* For inlay and up lay doors



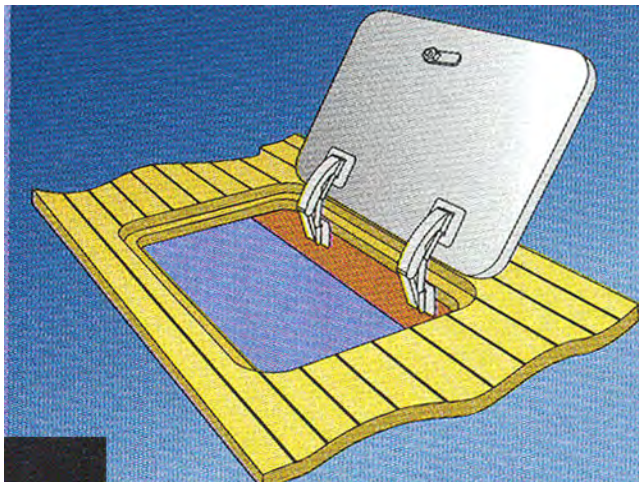
Size 3 x 2 5/8 inch

Size 4 1/4 x 2 1/2 inch

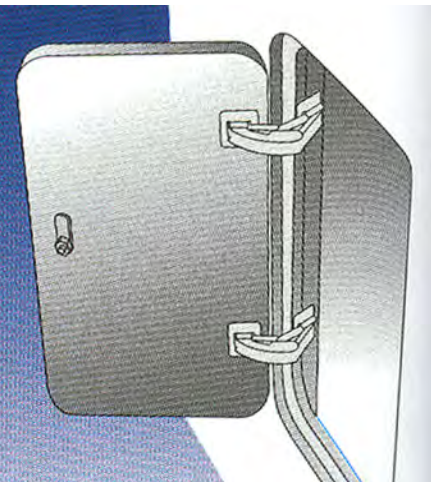
Size 6 7/8 x 3 3/4 inch



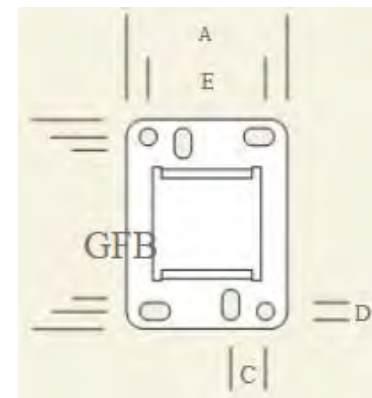
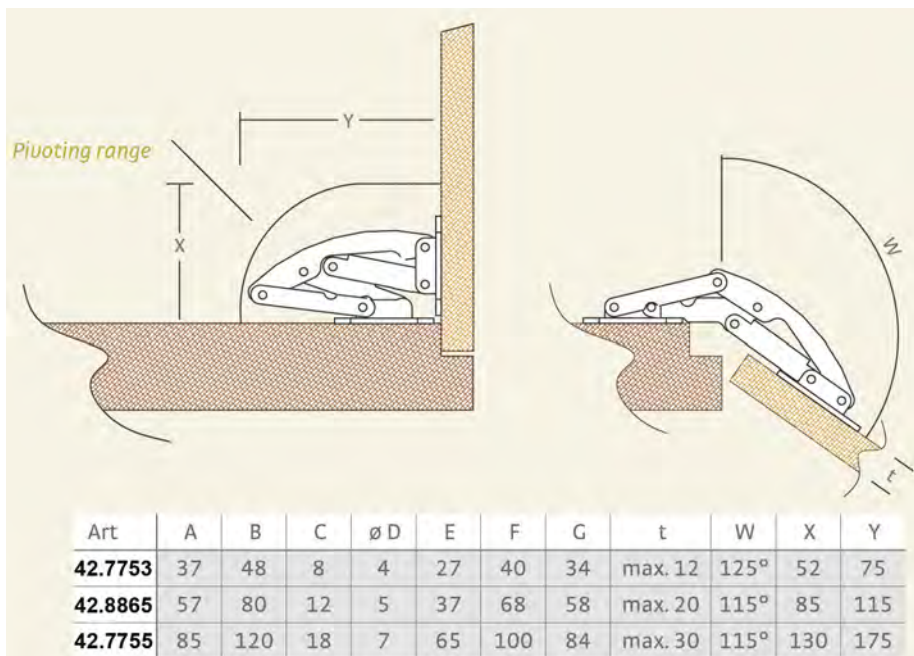
Closed position Hinges are a-symmetric build Install short side on coaming. Lifts up first then out with lift ring **#44.0980** with cam



Opens 115 degree

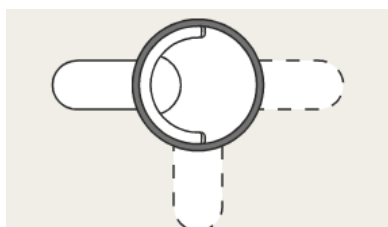


Opens 115 degree

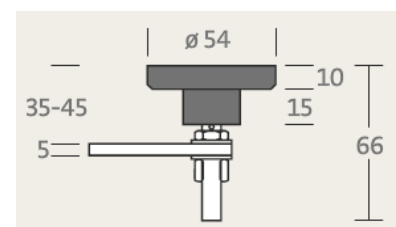


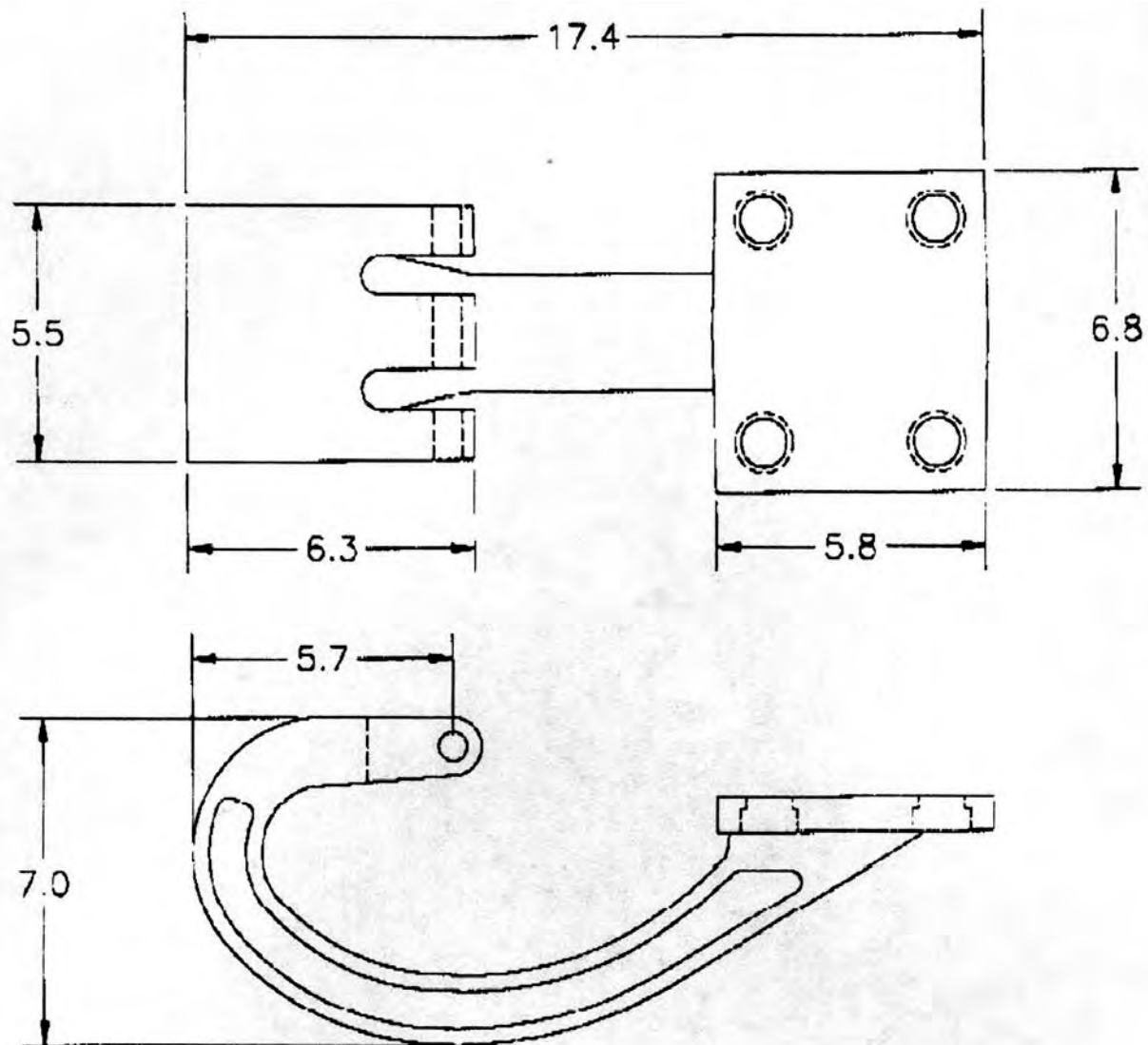
Footprint layout

B = length mounting plate
F = center to center screw hole
G = distance adjusting screw hole
t = max. thickness of door

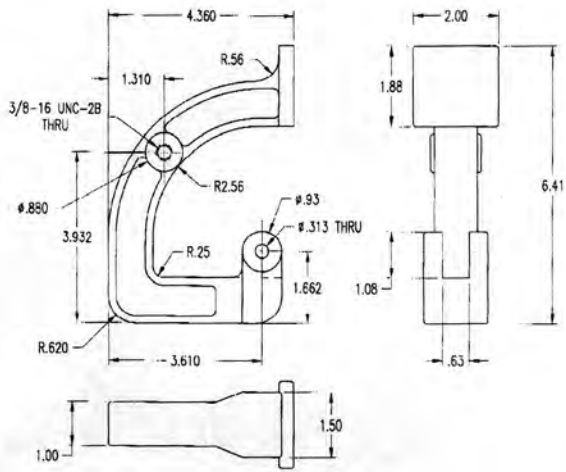


#44.0980 hatch fastener with cam and lift ring. Max. Hatch thickness: 25 mm

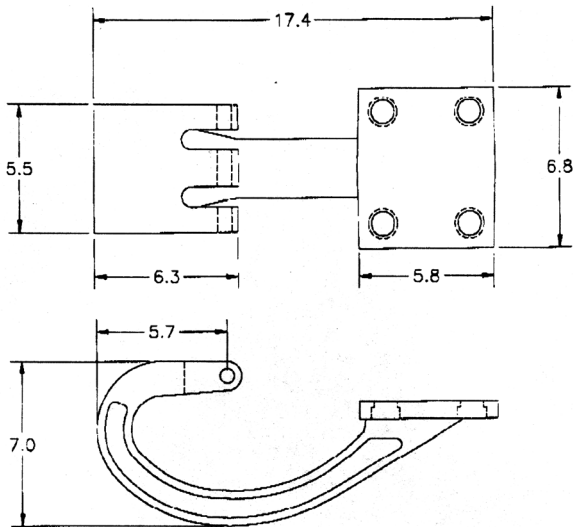




C-Hinge Bracket 7"x 17.5" Izerwaren order number #42.524C
Recommended maximum weight limit hatch: 400 lbs. Parts casted aluminum alloy not painted



C hinge bracket 3.5" x 6" Izerwaren order number #42.739C Recommended Max weight hatch: 100 lbs.
Parts casted aluminum alloy not painted.



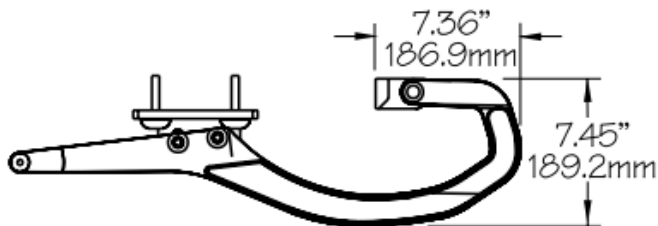
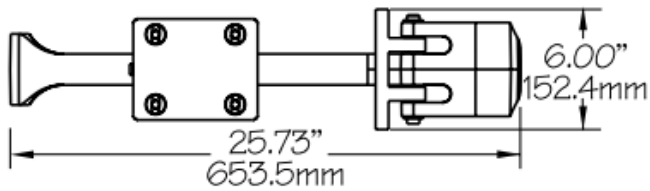
#42.524C - C-Hinge Bracket 7"x 17.5" Max weight hatch: 300 lbs.
Parts casted aluminum alloy not painted.



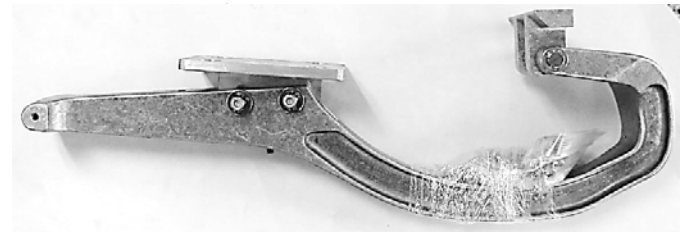
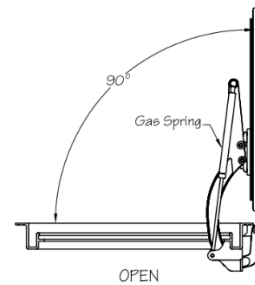
Sample applications hinge #42.524C



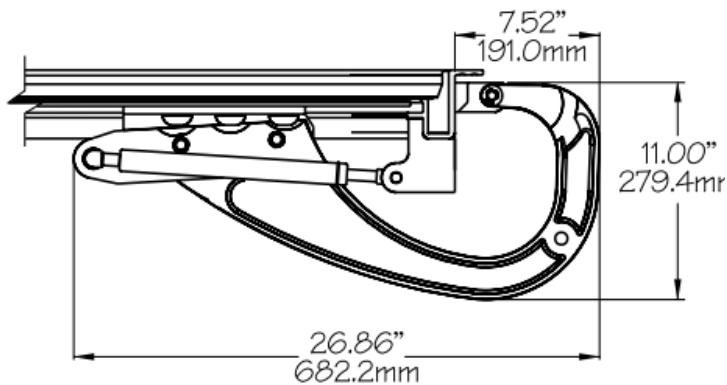
Yoke Hinges with Gas Spring Set Up
Kick-up with gas springs on the coaming



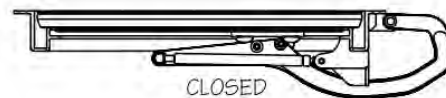
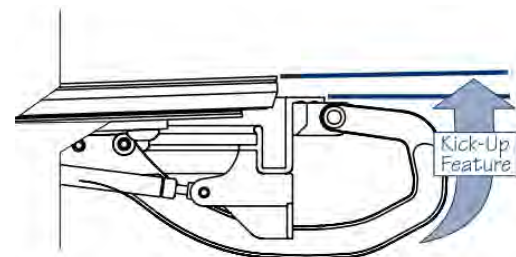
Yoke Hinge, Small, Pivoting.
Part No.: 42.2129



Part No.: 42.2129

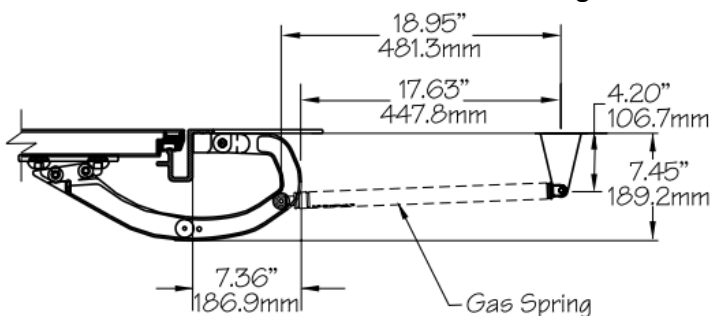


Yoke Hinge, Big, Pivoting.
Part No.: 42.2130

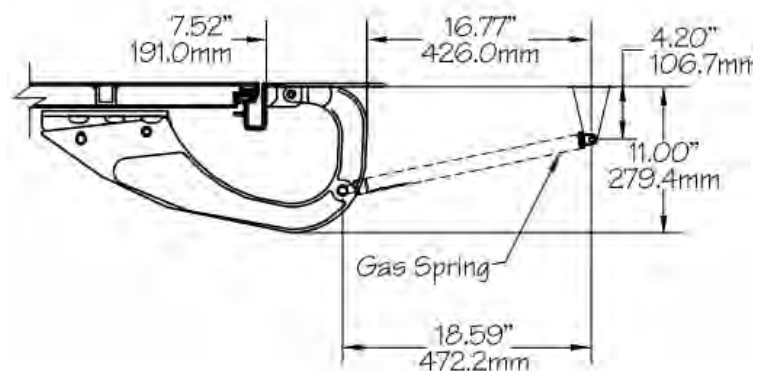


Sample of kick-up function shown above

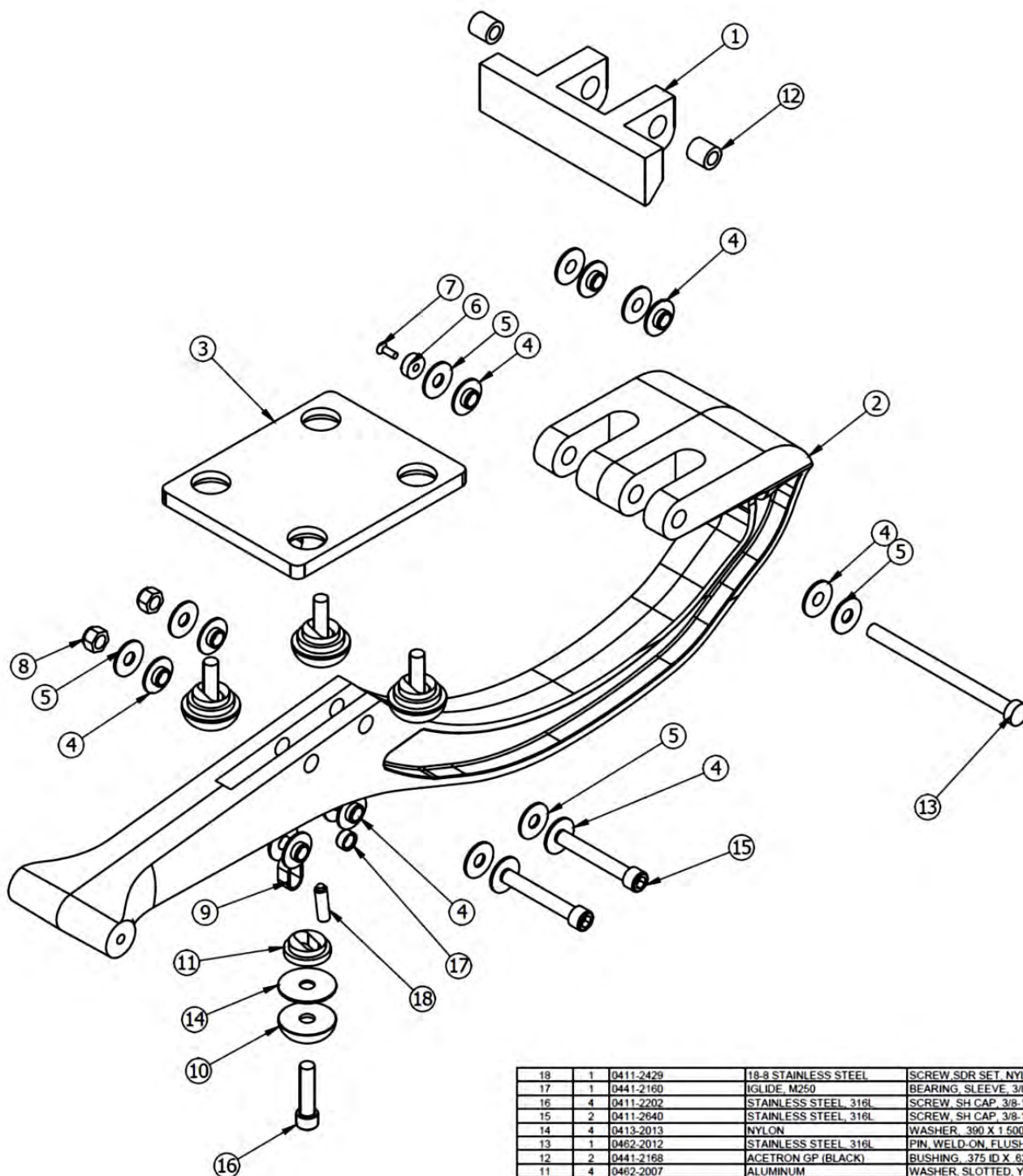
Yoke Hinge with Gas Spring Behind the Hinge



Yoke Hinge, small, pivoting.
Part No.: 42.2129
Gas spring #64.440 -- 14-23-400 series with short eyes

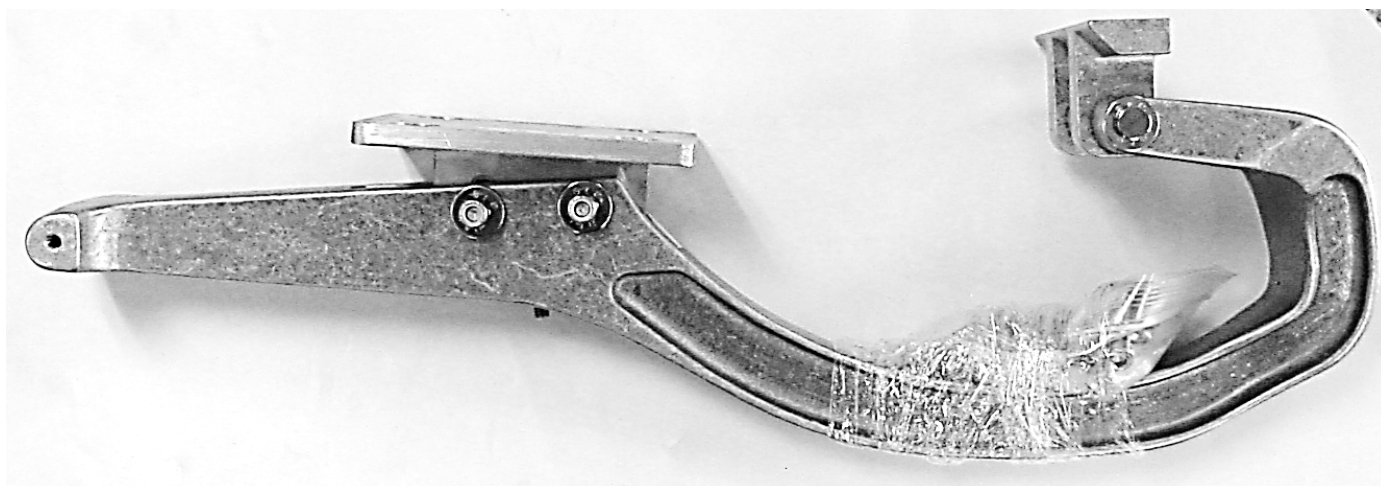
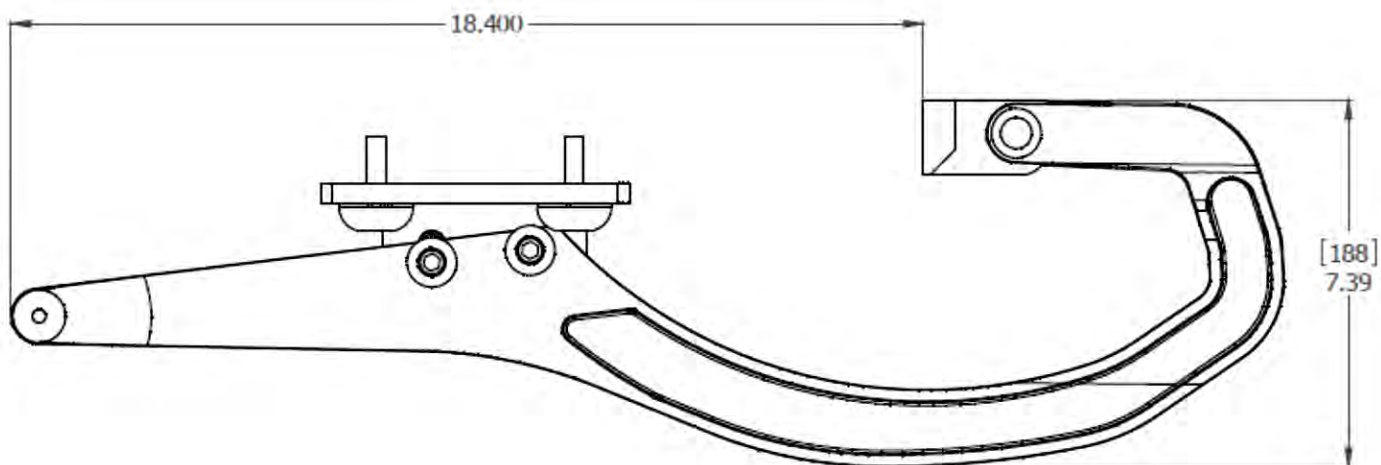
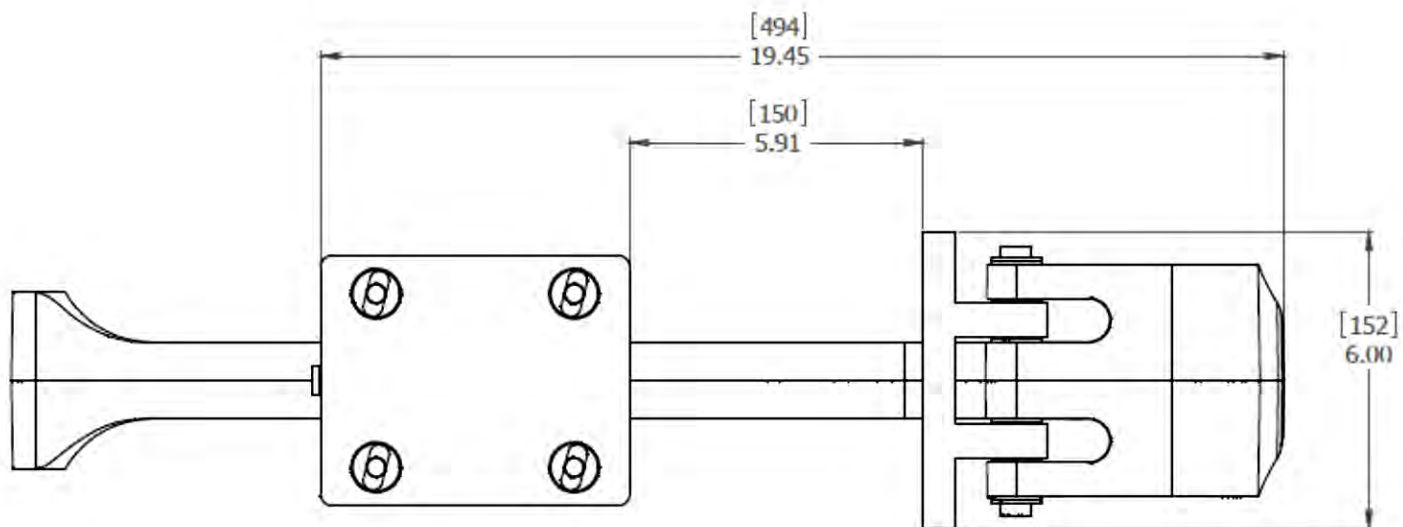


Yoke Hinge, Big, Pivoting.
Part No.: 42.2130
Gas spring #61.440 -- 14-23-400 series with short eyes



18	1	0411-2429	18-8 STAINLESS STEEL	SCREW, SDR SET, NYLON TIP, 5-16-18 X 1
17	1	0441-2160	IGLIDE, M250	BEARING, SLEEVE, 3/8 X 1/2 X 1/4
16	4	0411-2202	STAINLESS STEEL, 316L	SCREW, SH CAP, 3/8-16 X 1-1/2
15	2	0411-2640	STAINLESS STEEL, 316L	SCREW, SH CAP, 3/8-16 X 2-1/2
14	4	0413-2013	NYLON	WASHER, 390 X 1 500 X .062 NYLON
13	1	0462-2012	STAINLESS STEEL, 316L	PIN, WELD-ON, FLUSH HINGE USE ASSY
12	2	0441-2168	ACETRON GP (BLACK)	BUSHING, .375 ID X .625 OD X .625 LONG
11	4	0462-2007	ALUMINUM	WASHER, SLOTTED, YOKE HINGE ADJUSTMENT
10	4	0431-2062	STAINLESS STEEL, 316L	WASHER, DOME, 1.5 W/ 1/2 CBORE
9	1	0441-2101	TEFLON	BUSHING
8	2	0411-2032	STAINLESS STEEL, 316	LOCKNUT, NYLON INSERT, 3/8-16
7	1	0411-2214	STAINLESS STEEL, 316L	SCREW PHILLIPS FHM, 8-32 X 1/2 EP
6	1	0462-2011	STAINLESS STEEL, 316L	PIN CAP
5	6	0411-2258	STAINLESS STEEL	WASHER, 1.00 OD X .375 ID X .060
4	14	0441-2099	ACETRON GP (BLACK)	BUSHING
3	1	0462-2371	ALUMINUM, 535	BRACKET, YOKE HINGE MOUNT, SLOTTED, 2 17
2	1	0462-2369	ALUMINUM, 535	HINGE, SMALL YOKE, WITH KICK UP
1	1	0462-2057	ALUMINUM	HINGE BLOCK, LARGE AND SMALL YOKE HINGE
ITEM NO.	QTY	PART NO.	MATERIAL	DESCRIPTION

Yoke Hinge "Small" Part no. 42.2129 Use with gas spring I4-28-400



Part no. 42.2129; Use with gas spring 14-28-400

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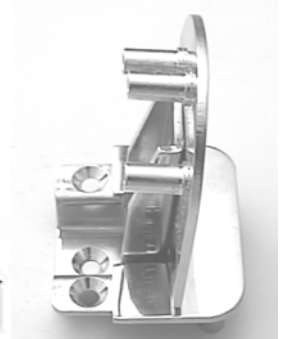
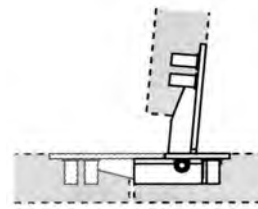
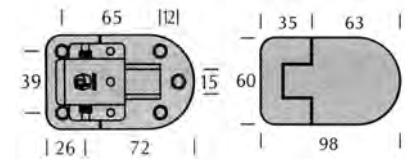
Izerwaren
Order
numbers

- 316 Stainless steel specialty hinges

42.893

Hatch hinge Hinge for deck boxes and hatches with backstop 100 degrees

Flush mount
Polished 316 stainless steel
No screws showing
Built in depth: 15 mm
Bushes: 15 mm; for M5 machine screws
Overall size: 60 x 98 mm
Material: 3 mm thick



Hatch hinge #42.893 with 100 degree backstop, no screws showing 2 3/8" x 3 7/8"

42.894

Hatch hinge for hatches with backstop 100 degrees

Flush mount
Mirror Polished 316L stainless steel
No screws showing; with cover plates
1/8" material thickness
Built in depth: 5/8"
Overall size: 4 3/8" x 2 5/16"
Please see drawing on page 4-2-0-A
Material: casted 316L stainless steel
covers 1/8" 316 st.st. plate material



Hatch hinge #42.894, "2 x 4" heavy duty, with 100 degree backstop, no screws showing. Size: 4 3/8" x 2 5/16" x 5/8" (sizes and drawing on page 4-2-0-A)

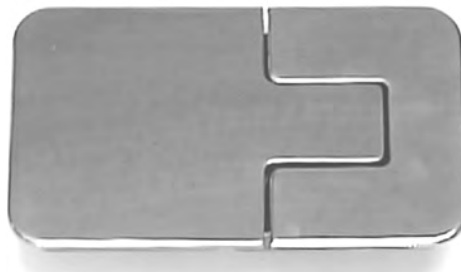


Depicted: Hinge #42.894
and hatch cam lift #43.555;

42.895

Hatch hinge for hatches with backstop 100 degrees

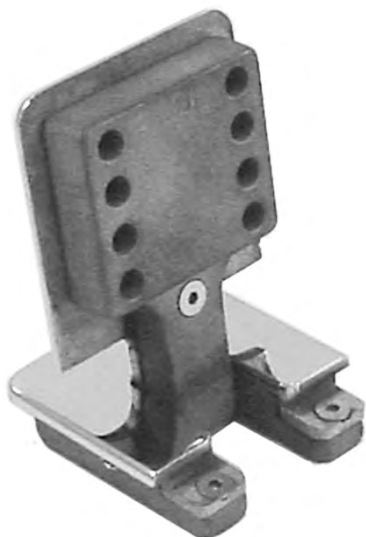
Flush mount
Mirror Polished 316L stainless steel
No screws showing; with cover plates
Built in depth: 5/8"
Overall size: 5 5/8" x 3 1/8"
Please see drawing on page 4-2-0-A
Material: casted 316L stainless steel
covers 1/8" thick



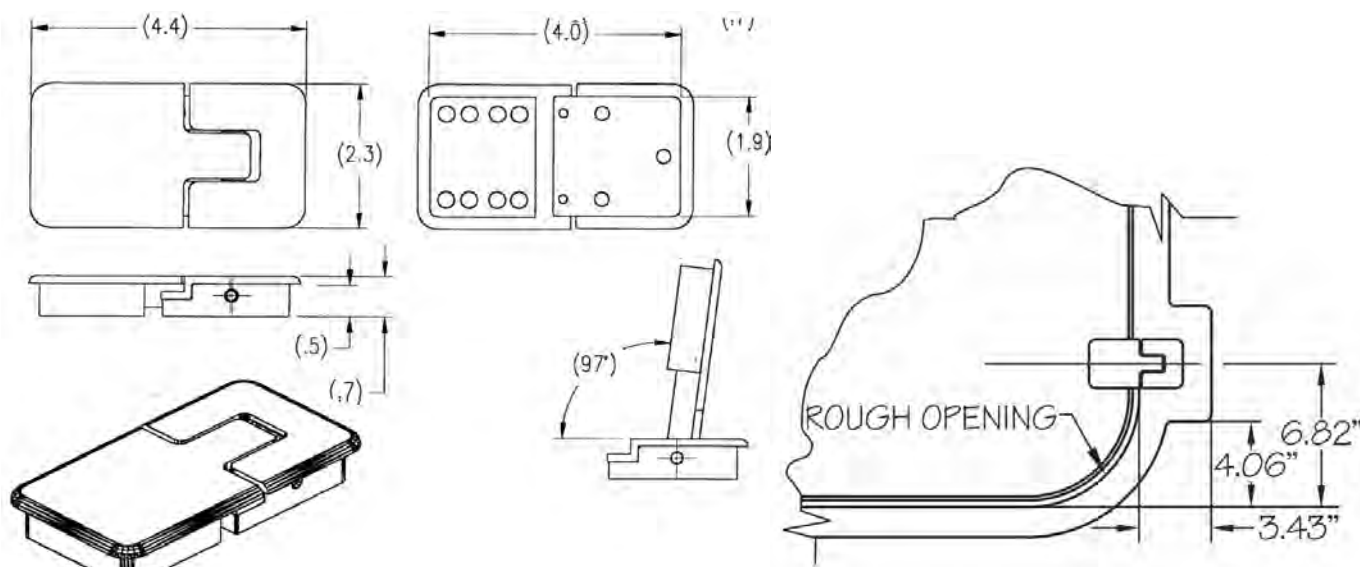
Hatch hinge #42.895, "3 x 6"; heavy duty, with 100 degree backstop, no screws showing. Size: 5 5/8" x 3 1/8" x 5/8" (sizes and drawing on page 4-2-0-A)



2 x 4 Style Deck Hinge



#42.894 Flush Deck Hinge 2"x 4" Opening: 97 degree; 316 stainless steel



#42.894 Flush Deck Hinge; Style: 2"x 4" Opening: 97 degree; 316 stainless steel

316 stainless steel hinge has removable top plates, easing installation



Teak Hatch with Hatch hinges #42.894 and Lift Ring #43.555 (see page 4-3-4-0)

316 stainless steel Polished hinge has removable top plates, easing installation
All Sizes Approximate.



Izerwaren
Order
numbers

- Stainless steel hinges
- Sea water resistant
- Satin stainless steel

Half Wide Hinges

For tall cabinet doors and small cabin doors

Non removable pin

304 stainless steel

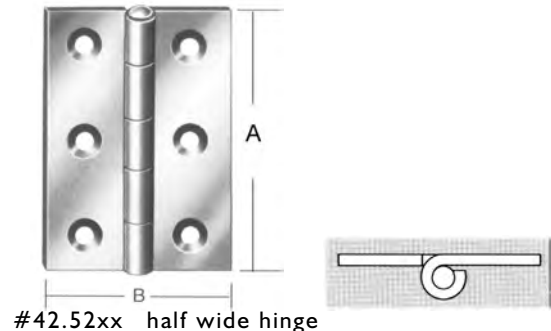
Interior grade

Use extension 508 for satin Stainless Steel (42.523.508)

Use extension 308 for polished stainless steel (42.523.308)

	high	x	wide	x	thick		inch sizes
42.523	40	x	32	x	0.9 mm	~	1 7/16 x 1 1/4
42.524	50	x	39	x	1.0 mm	~	2 x 1 1/2
42.525	60	x	46	x	1.2 mm	~	2 3/8 x 1 13/16
42.526	80	x	58	x	1.5 mm	~	3 1/8 x 2 1/4
42.527	100	x	72	x	1.5 mm	~	4 x 2 13/16

Half Wide Hinges - Non removable pin



INTERIOR GRADE 304 STAINLESS STEEL CABINET HINGES

Narrow Hinges - Non removable pin

Narrow hinges for cabinet doors

Non removable pin

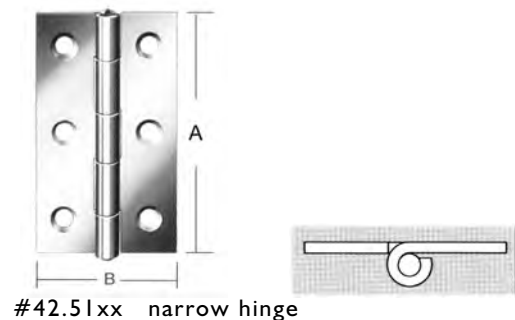
304 stainless steel

Interior grade

Use extension 508 for satin Stainless Steel (42.513.508)

Use extension 308 for polished stainless steel (42.513.308)

	high	x	wide	x	thick		inch sizes
42.513	30	x	22	x	0.8 mm	~	1 3/16 x 7/8
42.514	40	x	26	x	0.9 mm	~	1 7/16 x 1
42.515	50	x	31	x	1.0 mm	~	2 x 1 1/4
42.516	60	x	34	x	1.2 mm	~	2 3/8 x 1 3/8
42.518	80	x	41	x	1.5 mm	~	3 1/8 x 1 5/8
42.519	100	x	52	x	1.5 mm	~	4 x 2



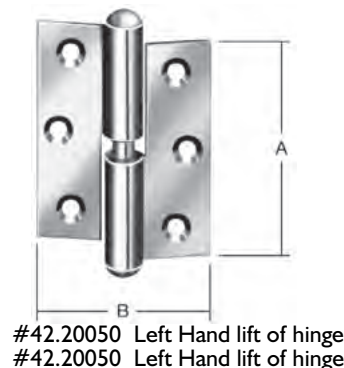
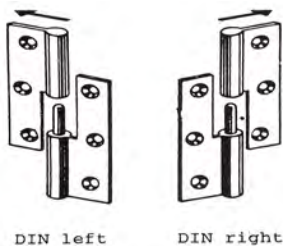
Lift off Cabinet Hinge

304 stainless steel

Interior grade

Satin stainless steel

	high	x	wide	x	thick		inch sizes
42.20050	50	x	40	x	1.5 mm	Left	2 x 1 9/16
42.20051	50	x	40	x	1.5 mm	Right	2 x 1 9/16





Izerwaren
Order
numbers

- 316 Stainless steel hatch fasteners, flush type with separate key
- sea water resistant - leak proof
- finish: rolled 316 stainless steel

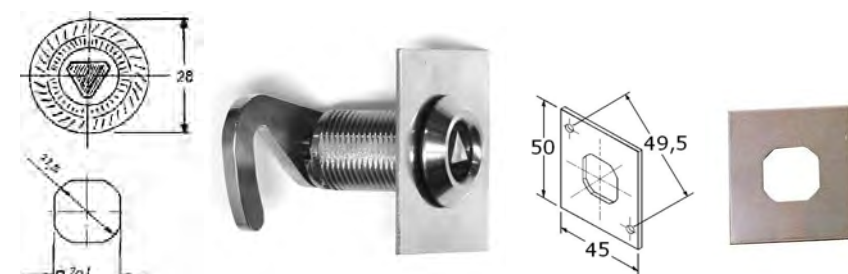
Installation: Drill hole: 22.5 mm Ø / 7/8"
Back set to center hole: 30 mm - 1 3/16"

Ordering Parts Separate:

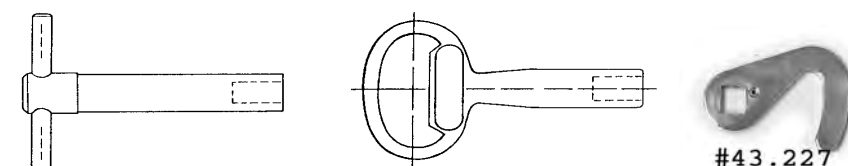
- 43.183 **Key**, stainless steel, triangular 8 mm
43.180 **Key** zamac, triangular, 8 mm
43.118 **Housing:** 18 mm + mounting plate
43.130 **Housing:** 36 mm + mounting plate
43.150 **Housing:** 50 mm + mounting plate
43.280 **Housing:** 80 mm + mounting plate
43.112 **Cam no. 1** inward, 12 mm
43.100 **Cam no. 2** neutral
43.104 **Cam no. 3** outward, 4 mm
43.110 **Cam no. 4** outward, 10 mm
43.227 **Hook cam (flat)** stainless steel
distance hook to bolt: 27 mm
43.295 **Mounting plate** 50 x 45 x 1.2 mm
stainless steel

To order sets with clearance:

- 43.206 **6 mm** - 1/4" (18 mm body)
43.218 **18 mm** - 3/4" (18 mm body)
43.222 **22 mm** 7/8" (18 mm body)
43.228 **28 mm** 1 1/8" (18 mm body)
43.224 **24 mm** - 1" (36 mm body)
43.236 **36 mm** 1 3/8" (36 mm body)
43.240 **40 mm** 1 13/16" (36 mm body)
43.246 **46 mm** 1 3/4" (36 mm body)
43.238 **38 mm** 1 1/2" (50 mm body)
43.250 **50 mm** 2" (50 mm body)
43.254 **54 mm** 2 1/8" (50 mm body)
43.260 **60 mm** 2 3/8" (50 mm body)
43.268 **2 11/16" 68 mm** (3 1/8" size body)
43.281 **3 1/8" - 80 mm** (3 1/8" size body)
43.284 **3 1/4" - 84 mm** (3 1/8" size body)
43.290 **3 1/2" - 90 mm** (3 1/8" size body)

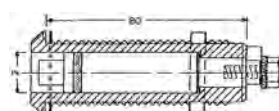
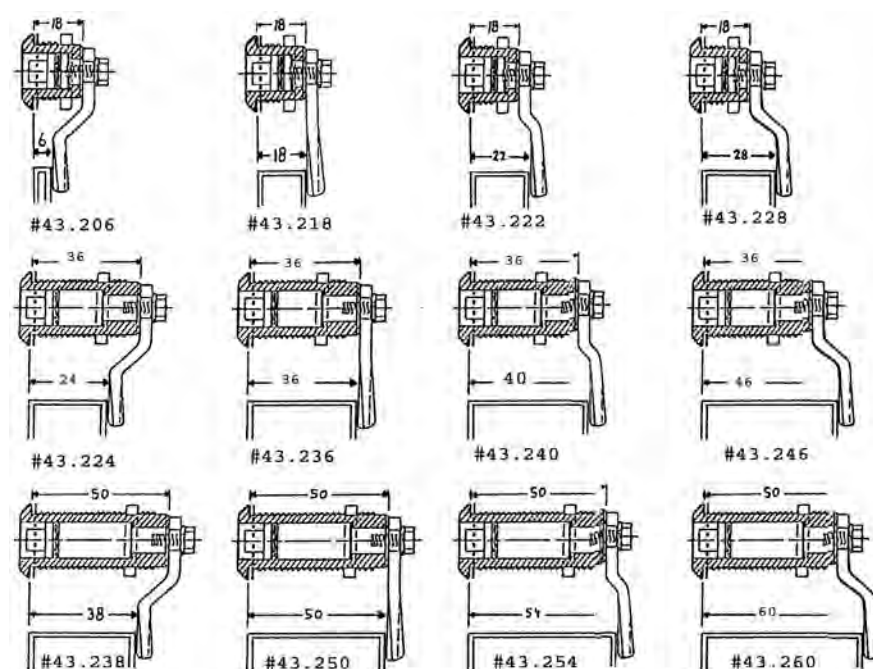


Set: Hatch fastener with mounting plate and cam #43.295 Mounting plate



#43.183 Key stainless steel #43.180 Key zamac #43.227 Hook cam
Stainless steel hatch fasteners are now shipped as set with square mounting plate

Hatch fastener sets complete: Set: 1x housing, 1x mounting plate, 1x cam. Keys to be ordered separately



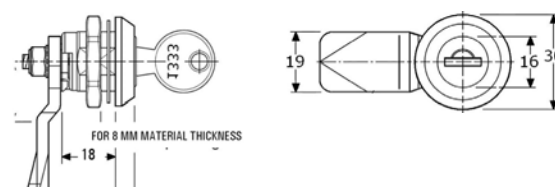
#43.280; 80 mm (3 1/8")

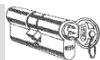


43.687K **Hatch fastener, key operated**
18 mm body
See also page no 4-3-A-B



#43.687K Key operated 18 mm body.





#43.112



-12 mm ~ 1/2"



#43.100



neutral



#43.104



+ 4 mm ~ 1/4"



#43.110



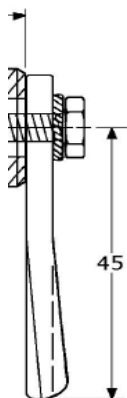
+10 mm ~ 3/8"



#43.227

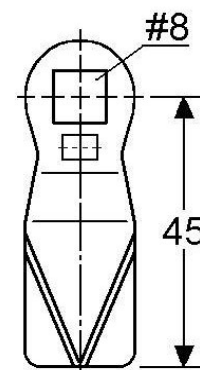


25 mm ~ 1"



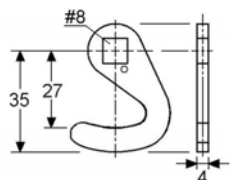
All Cams are 45 mm long measured from center square hole.
Square hole 8 x 8 mm
Thickness: 4 mm

All sizes are approximate

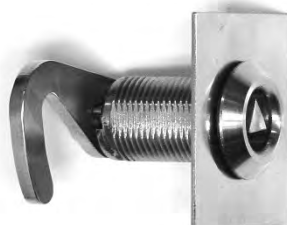


All Cams are 45 mm long measured from center square hole.
Square hole 8 x 8 mm
Thickness: 4 mm

All sizes are approximate



Cams be used with the following Cam Latches:



Cam latch #43.150 with hook cam #43.227 & Cam 43.112



Flush Cam Latch #43.5111 with Turn & Lift Ring and #43.104

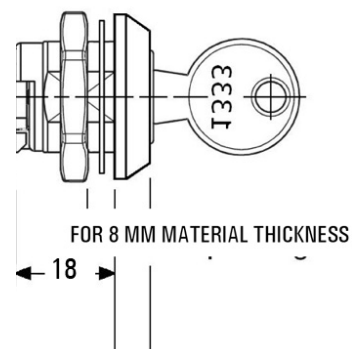




Izerwaren
Order
number

Material thickness: 8 mm ~ 5/16 inch ma.

43.687K Hatch cam with key 316 stainless steel
finish: satin polished
outside diameter body: 28 mm
cut out: 22.5 mm
cam: long 1 3/4"
cam depth: adjustable 3/4"
depending on type of cam. (See below)



43.999 Strike plate #43.999
110 x 40 mm

43.998 Strike plate flush 43.998
64 x 18 mm
316 Stainless steel

43.687K Key operated;
For 8 mm / 5/16 inch Max. Thick Material.
Order cam separate

Cams:



#43.112



-12 mm ~ 1/2"



#43.100



neutral



#43.104



+ 4 mm ~ 1/4"



#43.110



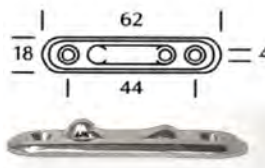
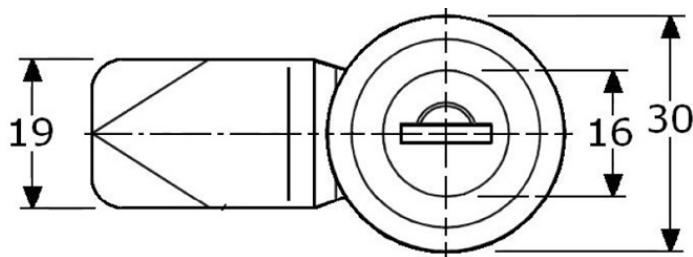
+10 mm ~ 3/8"



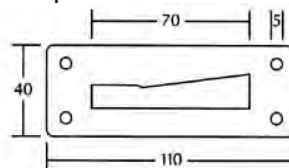
#43.227



25 mm ~ 1"



Strike plate flush #43.998



Strike angle: #43.999



For other cam locks see website / catalog / deck hardware / 316 stainless steel hatch fasteners / Pages 4-3-0-0 a. f.



Stainless Steel Flush Pulls with Cam

Page 4-3-0-2

Izerwaren
Order
number

- Stainless Steel Flush Hatch Pulls, with cam polished 316 stainless steel,
- Stainless Steel Hold Down, with threaded bolt, polished 316 stainless steel.

43.5111 Hatch Pulls with cam #43.5111

316 stainless steel
finish: mirror polished
outside diameter body: 2"
cut out: 1 3/4"
cam: long 1 3/4"
cam depth: from 1 1/8" to 1 3/4" depending on type of cam. (See below)

43.999 Strike plate #43.999

110 x 40 mm

43.998 Strike plate flush #43.998

64 x 18 mm
316 Stainless steel

Cams:



#43.112



-12 mm ~ 1/2"



#43.100



neutral



#43.104



+ 4 mm ~ 1/4"



#43.110



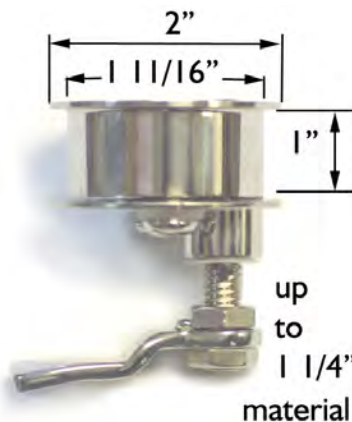
+10 mm ~ 3/8"



#43.227

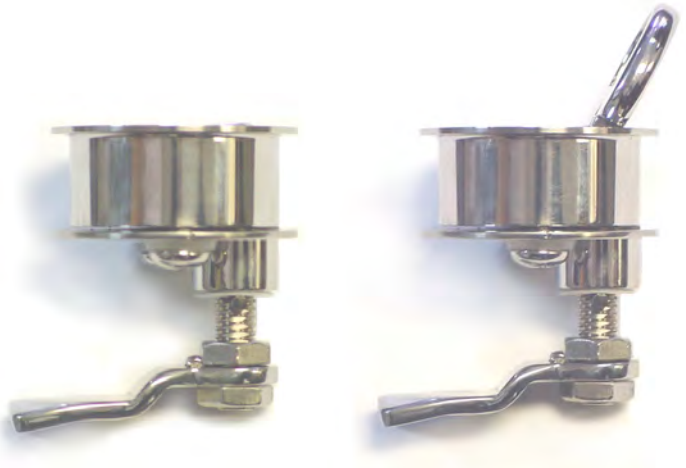


25 mm ~ 1"



Part number #43.5111

Diameter body 1 11/16" Depth body 1" Cut hole 1 3/4"





Izerwaren
Order
numbers

- sea water resistant
- slam action when closing
- strike included

Flush Slam latch for cabinet doors and hatches

43.820 Set: 1x latch, 1 strike
Chrome plated brass push- slam latch
Dimensions: 50 x 42 x 18 mm
For 3/4 inch thick doors.

PUSH SLAM LATCH

Polished chrome plated brass



#43.820 Push Slam Latch with Strike Plate Side view

Chrome plated brass push - slam latch Dimensions: 50 x 42 x 18 mm. Door thickness: 3/4" or 19 mm

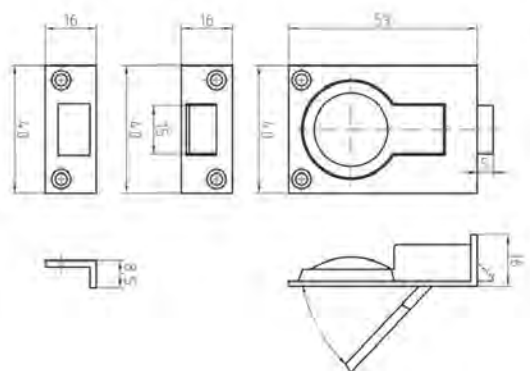
Push In to release

PULL SLAM LATCH



#43.831S Flush Slam latch, Pull type. Anchor style lift ring; strike plate included. **Pull Out** to release.
Dimensions: 61 mm long (A) x 58 mm wide (C) x 19 mm deep (D). Door thickness: 19 mm
Dimensions: 2 7/16" (A) x 1 1/2" (B) x 2 1/4" (C) x 3/4" (D) Door thickness: 3/4"
316 stainless steel Satin Finish

PULL SLAM LATCH

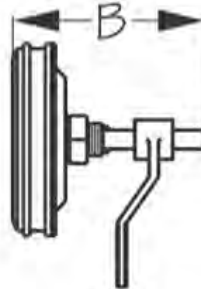


#46.108.208 Flush Pull Lift with latch Dimension: 60 x 40 x 15 mm;
Angle strike 15 x 15 x 42 mm; Door thickness: 5/8" or 15 mm

Pull Out to release



HATCH FASTENER WITH CAM - EASY MOUNTING



Hatch fastener #43.1954 (set) Includes: Cam and strike.
 Dimension A = 3 1/2" diameter
 Dimension B = 3 3/4"
 Cut hole 3" diameter
 Standard spring loaded strike included.

Hatch fastener #43.1953 (set) Includes: Cam and strike.
 Dimension A = 2 25/64"
 Dimension B = 3 3/4"
 Cut hole 2" diameter
 Standard spring loaded strike included.



#43.1954 hatch cam lock with lift ring
 Diameter 3 1/2"
 Cut hole 3" +
 Distance Cam from body: 3 3/32 inch to 1 inch
 Minimum hatch thickness: 5/16 inch



#43.1953 Hatch cam lock with lift ring
 Diameter 2 25/64"
 Cut out 2" +
 3 1/8 inch to 3/4 inch
 3/16 inch



HATCH FASTENER WITH LIFTING LEVER



#43.964

Hatch fastener with straight cam

#43.975

with roller bearing cam



#43.1534 **NEW**

Hatch fastener with lift ring
and roller bearing cam

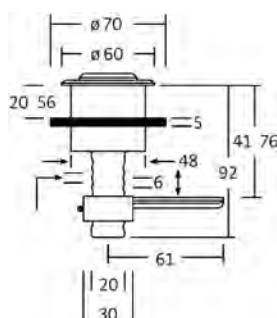
#43.1535

with straight cam

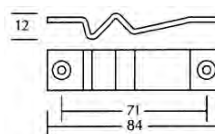


#43.974

Turning lever
clip on type



Outer diameter: 60 mm. Drill hole: 48 mm diameter;
for up to 25 mm material thickness,
with back plastic counter plate see also page 4-3-1.



#43.902 Roller bearing cam



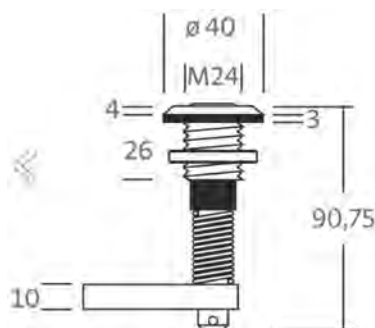
#43.926 Key lock

TORQING HATCH FASTENER, SPRING LOADED

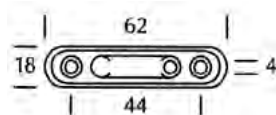


43.1026; 40 mm outside diameter, 24 mm inside diameter.

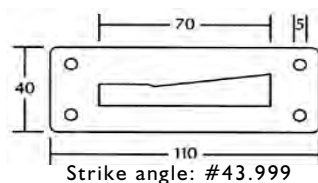
For up to 3/4" material thickness. Cam reach: 2 3/4" By turning key the cam tightens against the strike plate



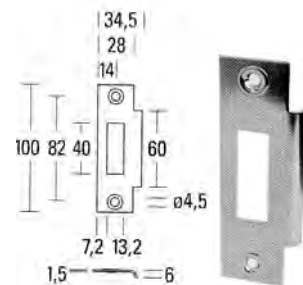
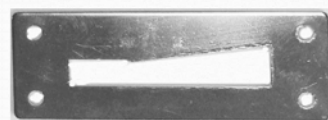
Key #43.1028



Strike plate flush #43.998,



Strike angle: #43.999



strike with lip #43.142



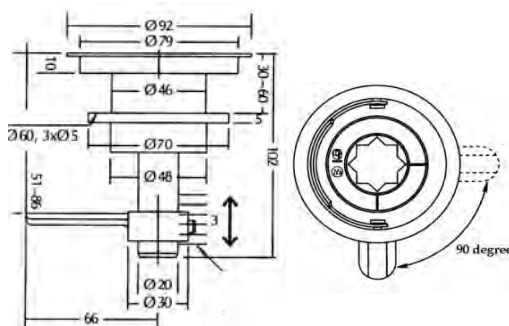


Izerwaren
Order
numbers

- Stainless steel hatch fasteners
- 316 stainless steel
- Sea water resistant
- Heavy duty
- Finish: Polished stainless steel
- Classed by German Lloyd



43.954 **Hatch fastener with separate lift ring**
Flush mount with straight cam
316 stainless steel
for use with octagon shaped keys



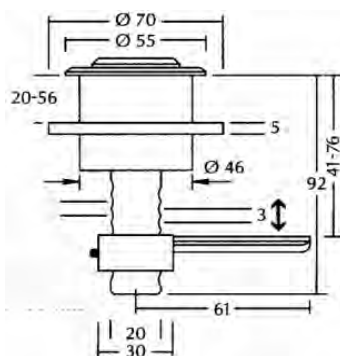
#43.954 Hatch fastener with lift ring

43.976 **Hatch fastener with separate lift ring**
with roller bearing cam

43.1535 **Hatch fastener with integrated lift ring**
NEW! With straight cam; 316 stainless steel

43.1534 **Hatch fastener with integrated lift ring**
NEW! With roller cam; 316 stainless steel

43.964 **Hatch fastener without lift ring**
with straight cam; 316 stainless steel



43.964 Hatch fastener with straight cam

43.975 **Hatch fastener without lift ring**
with roller cam; 316 stainless steel

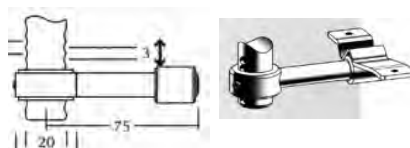
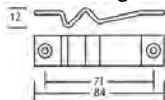
43.965 **Handle for back mounting**
For emergency opening



43.999 **Strike plate** angle 110 x 40 mm

43.998 **Strike plate** flush 62 x 18 mm

43.902 **Strike plate** 84 x 20 x 12 mm
for roller bearing cam



roller bearing cam separate; strike 43.902

43.974 **Lift handle, removable**



Cylinder lock for hatch lock

43.926



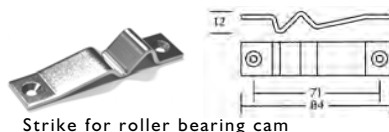
Prevents unauthorized use

43.955 **Lift Ring separate**

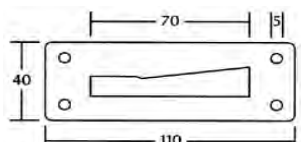
43.957 **Straight cam separate**



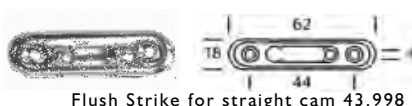
43.958 **Roller bearing cam only**



Strike for roller bearing cam



Angle strike for straight cam 43.999



Flush Strike for straight cam 43.998



#43.954 Hatch fastener with lift ring and straight cam



#43.1534 Hatch fastener with lift ring and roller bearing cam

#43.1535 Hatch fastener with lift ring and straight cam



#43.975 Hatch fastener no lift ring with roller bearing cam



#43.974 Lift handle , removable



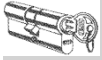
#43.965 Handle for back mounting



#43.926 Cylinder lock for hatch fastener



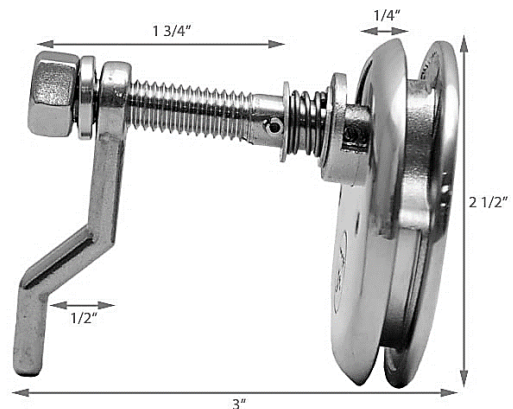
#43.954, #43.974, #43.965, #43.998
Full hatch fastener setup with back lever



#43.2525 Hatch fastener with straight cam and mounting plate

Drill Hole: 2 1/16 inch diameter

- Finish: Polished Stainless Steel
- Overall size: 2 7/16 x 2 7/16 inch;
- Reach from top to bottom cam: 1 1/2 to 2 inch.



#43.1404 Hatch fastener with offset cam **(Limited available)**

Drill Hole: 2 1/8 inch diameter

- Finish: Polished Stainless Steel
- Overall size: 2 1/2 inch diameter;
- Reach from top to bottom cam: from 1 to 3 inch.



IZERWAREN
Order
number

- Stainless Steel Flush Hatch Cam Latch, with cam polished 316 stainless steel, Outside diameter 2 7/16" (61 mm)

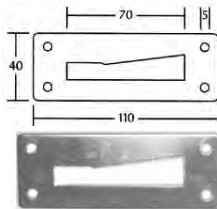


43.5205 **Hatch Pulls with cam compression style**
316 stainless steel
Outside diameter 2 7/16" (61 mm)
Diameter housing: 2" (51 mm)
Drill hole 2" diameter for installation
Range of 44 mm or 1 3/4" using 3 cams:

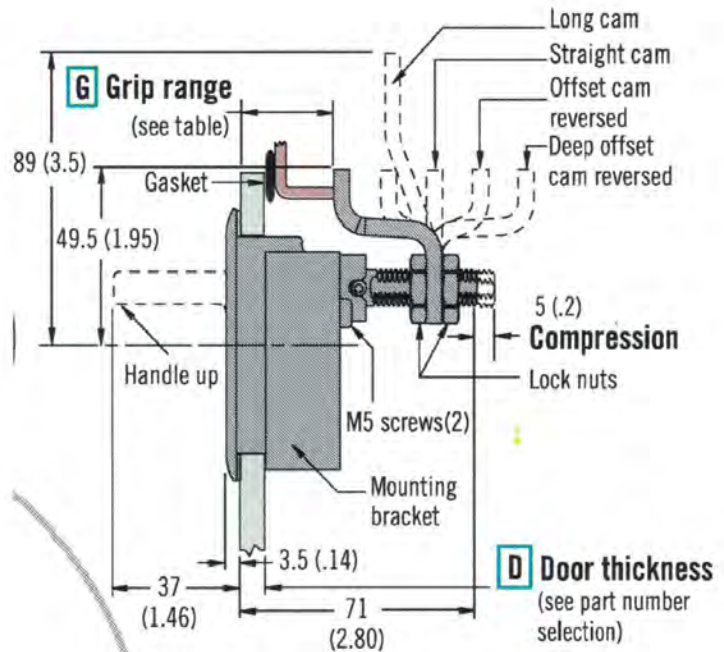
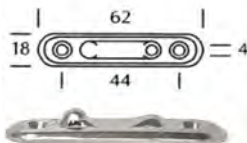
43.5215 Cam short strait
43.5125 Cam short offset 12 mm 1/2"
43.5255 Cam short offset 25 mm 1"

43.5265 Cam long strait
43.5175 Cam long offset 12 mm 1/2"
43.5285 Cam long offset 25 mm 1"

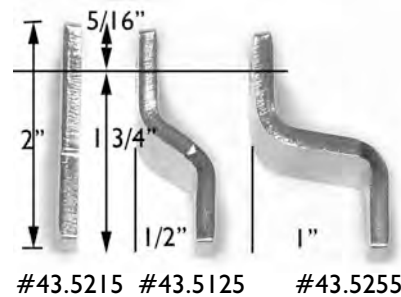
43.999 **Strike plate**
110 x 40 mm



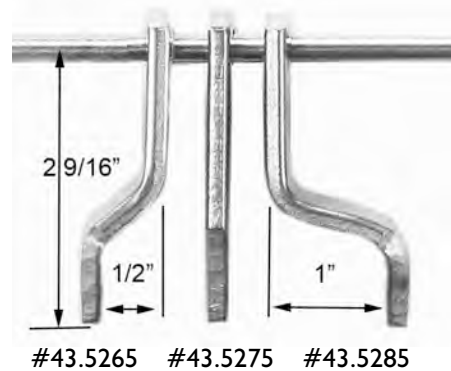
43.998 **Strike plate flush**
64 x 18 mm
316 Stainless steel



3 types of short cams for model 43.5205:



3 types of long cams for model 43.5205



#43.5285 #43.5265 #43.5275 #43.5215 #43.5125 #43.5235



Izerwaren
Order
number

- Stainless Steel Flush Hatch Pulls, with cam polished 316 stainless steel,

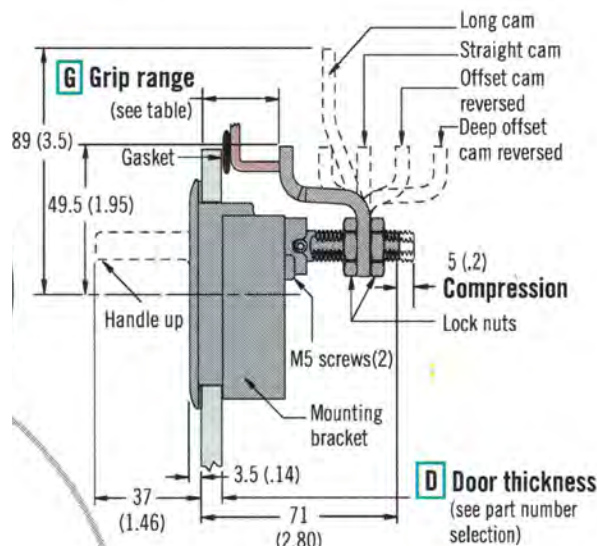


- 43.5255 Big size Hatch Pulls with cam compression style**
316 stainless steel
Outside diameter 3" (76 mm)
Diameter hole: 2 7/16" (62 mm)
Range of 90 mm or 3 1/2 inch using 3 cams:

- 43.55215 Long Cam strait Long: 74 mm or 2 7/8 inch
43.55125 Long Cam offset 12 mm or 1/2 inch
43.55185 Long Cam offset 25 mm or 1 inch

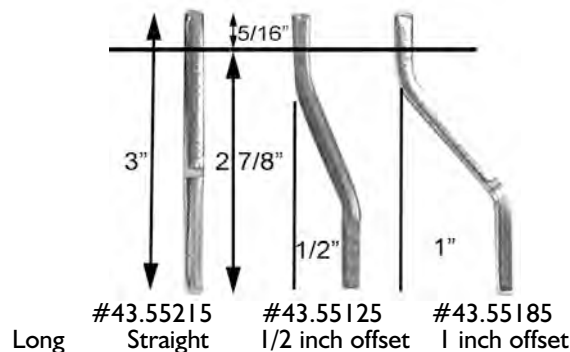
43.55245 Long Cam strait Long: 74 mm or 2 7/8 inch
43.55155 Long Cam offset 12 mm or 1/2 inch
43.55165 Long Cam offset 25 mm or 1 inch

Big Size Hatch fastener with compression:



- #43.5255 Outside diameter 76 mm or 3" (depicted)
Drill hole + 2 7/16" diameter for installation
Available with 2 7/8" long cams, straight, and offset
Range of 54 mm or 2 1/8" between cam options
Compression distance: 4/32"

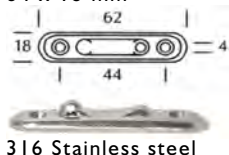
PLEASE CHOOSE 3 long cams for latch #43.5255:



3 short cams for latch #43.5255:



- 43.998 Strike plate flush**
64 x 18 mm





#43.4030 - COMPRESSION LATCH; CUTOUT HOLE OF 2 1/2 INCH.



#43.4030 Polished stainless steel;
Heavy duty quality with backing plate.
With straight and angle cam.
Cams included.

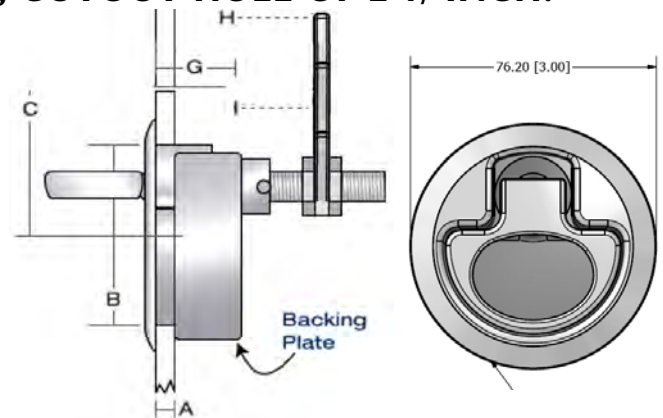
Cam play from top of hatch from 2.84 to 3.31 inch



Cam Offset: 1 1/16 inch from straight.
: 2 7/8 inch long from center spindle



Straight Cam: 2 7/8 inch long from center spindle



A = 7/16 inch minimum to 3/4 inch

B = 2 1/2 inch cut out.

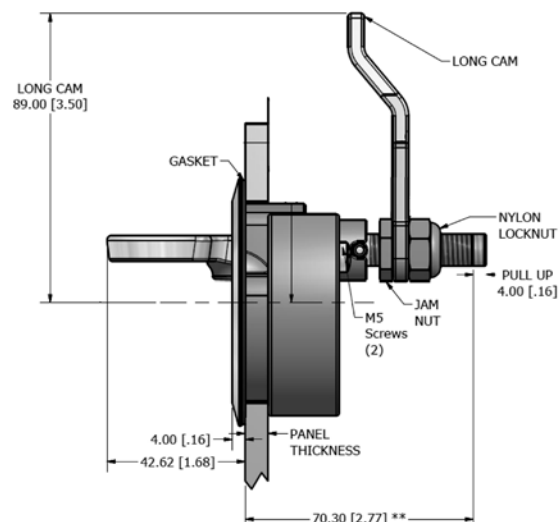
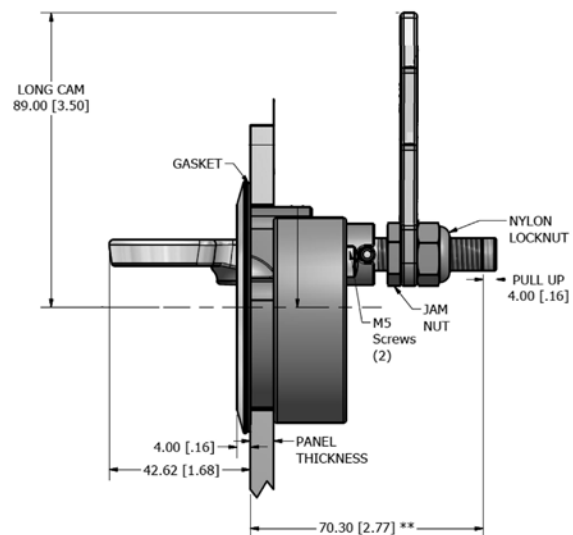
C = 3 inch diameter

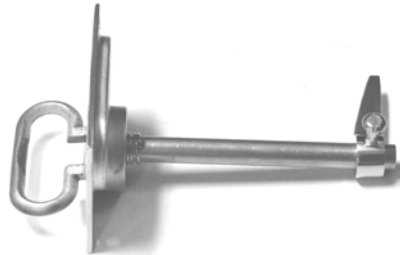
G = 7/8 inch to 1 1/4 inch

(from back of backplate to back of front body)

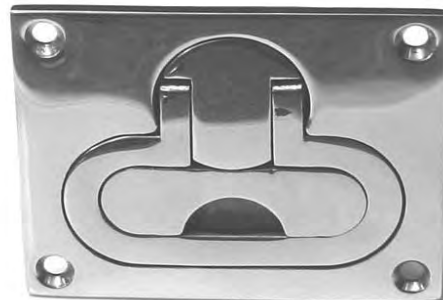
H = 1 3/4 inch to 2 1/4 inch Cam play to top hatch

Compression: 5 mm or 3/16 inch





Hatch Pull with locking cam #43.219;
316 Stainless, face plate: 3 3/4 x 3 inch;
length shaft: 5 1/8" diameter: 1/2"

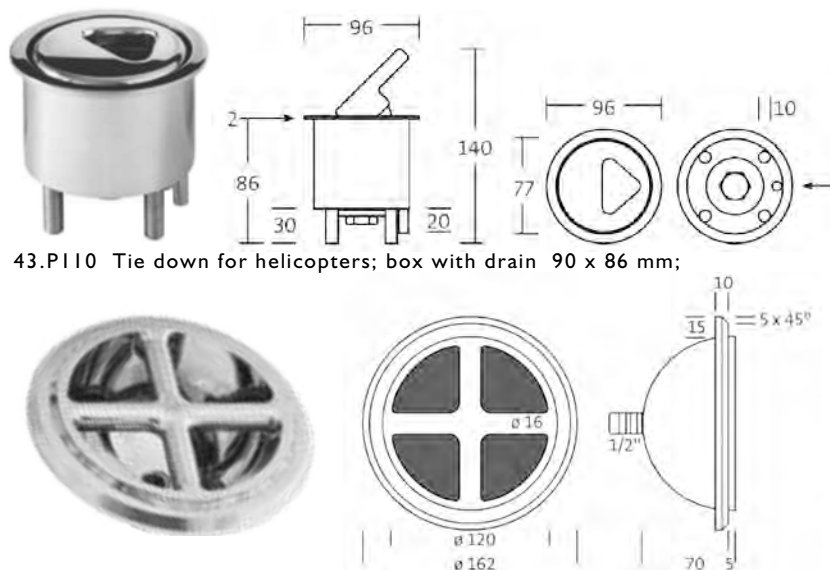


Hatch Pull only #43.217 3 3/4 x 3 inch;



316 STAINLESS STEEL DECK BOLTS AND TIE DOWNS

- 43.PI10 **Tie Down for Equipment**
Tie down for helicopters;
box with drain 90 x 86 mm
316 stainless steel mirror polished
- 43.PI11 **Tie Down for Equipment**
Tie down for helicopters;
box with drain 120 x 70 mm;
316 stainless steel mirror polished
- 43.PI14 **Deck Plates for Eye Bolt M20**
Plate 218 x 100 mm ~ 8 5/8" x 4"
Deck plate for use with M16 machine screw
Mirror polished 316 stainless steel
- 43.PI15 **Deck Plates for Eye bolt M16**
Plate 140 x 74 mm ~ 5 1/2" x 3"
Deck plate for use with M12 machine screw
Mirror polished 316 stainless steel
- 32.PI16 **Deck Plates with thread M12**
Plate 100 x 56 mm ~ 3" x 2 3/16"
Deck plate for use with M10 machine screw
Mirror polished 316 stainless steel

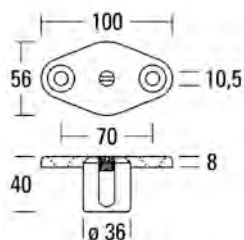


43.PI10 Tie down for helicopters; box with drain 90 x 86 mm;

43.PI11 Tie down for Helicopters with drain 120 x 70 mm



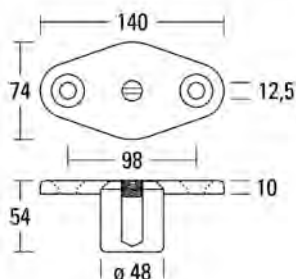
Deck Plates with thread M12



#43.PI14: 218 x 100 x 40 mm



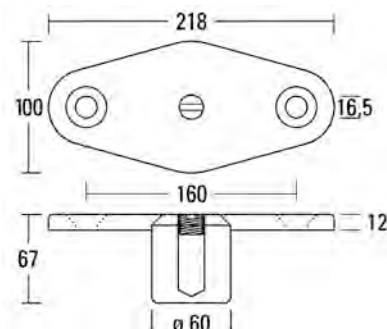
Deck Plates with thread M16



#43.PI15: 140 x 74 x 54 mm

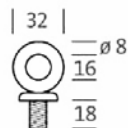


Deck Plates with thread M20



#43.PI16: 100 x 56 x 67 mm

Eye Bolt M12

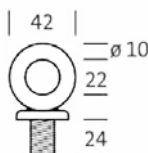


#43.PI41
Bushing M12

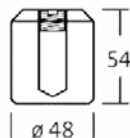


M12
#43.PI46

Eye Bolt M16

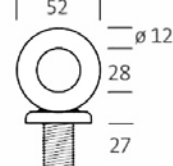


#43.PI42
Bushing M16

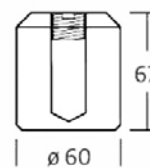


M16
#43.PI47

Eye Bolt M20



#43.PI43
Bushing M20



#43.PI48





316 Stainless Steel Eye bolts

Izerwaren
Order
numbers

- 316 Stainless steel hatch fastener
- Sea water resistant
- Heavy duty and compact
- Finish: polished stainless steel 316;



318



43.P318

43.P318 Tie down with plate 50 mm

43.P312 Tie down with plate 88 x 58 mm

43.P314 Tie down with plate 115 x 78 mm

43.P316 Tie down with plate 145 x 98 mm

43.P313 Tie down with plate 136 x 58 mm

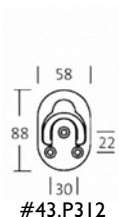
43.P315 Tie down with plate 178 x 78 mm

43.P317 Tie down with plate 225 x 98 mm

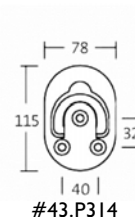
316 STAINLESS STEEL TIE DOWNS



3 SIZES 2 DESIGNS
From 1,000 lbs to 4,000 lbs work load.



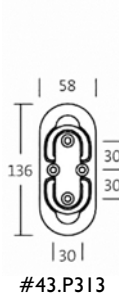
#43.P312



#43.P314



#43.P316



#43.P313



#43.P315

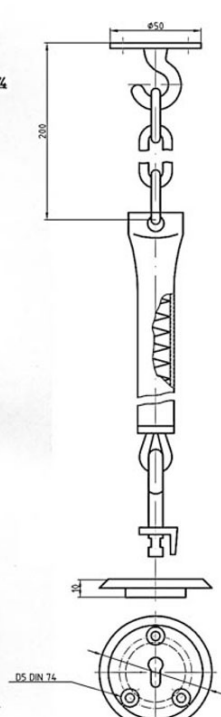
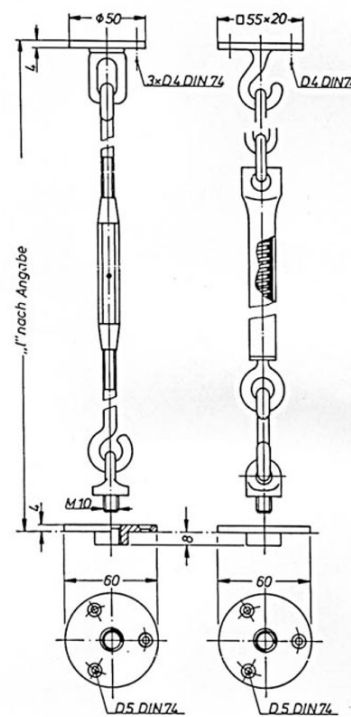


#43.P317

TIE DOWNS FOR CHAIRS



Tie-down #43.556;
4" diameter Cut out 3"
Force rating: up to 500 LBS.
316 polished stainless steel



#43.4610

#43.4620

#43.4635

Spring loaded tie downs for chairs, Finish: Satin or Polished Chrome



Izerwaren
order
numbers

Stainless steel dogging devices
• seawater resistant

- 44.221 **Toggle device** (221) Left hand
(depicted in picture)
44.222 **Toggle device** (222) Right hand
Light duty
Lever: 110 mm - 4 5/16"
distance brackets: 75 mm - 3"
Polished 304 stainless steel

ORDER SEPARATELY:

- 43.141 **Strike plate with lip**
100 x 28 mm 316 stainless steel

- 43.943 **Strike wedge** 3 3/8"x 3/4"x 3/4"
85 x 20 x 20 mm
304 stainless steel.

Toggle device

Extra heavy duty
316 stainless steel door toggle,
both sided
aluminum bush with nylon bearing
with 1/8" hole for grease nipple
lever 6 1/2"; total 9 1/2" long,
bush OD: 45 mm 1 25/32" Ø
with aluminum bush 73 mm long



- 44.9411 #44.9411 see page 4-4-A



- 44.9412 #44.9412 see page 4-4-B



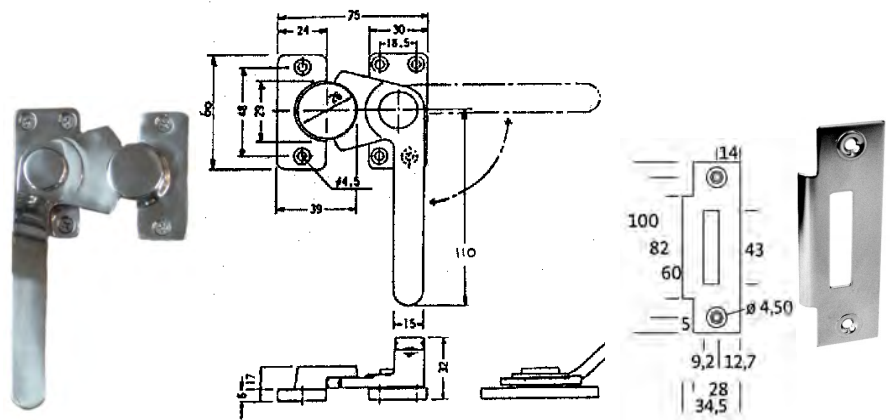
- 44.9413 #44.9413 see page 4-4-C



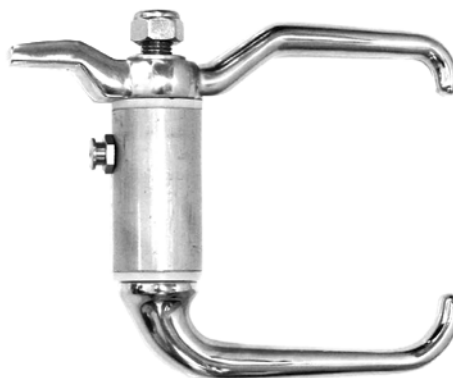
- 44.9404 #44.9404 see page 4-4-D

- 44.130 **Toggle device, single sided**
Medium duty
304 stainless steel door toggle,
See page 4-4-0-H

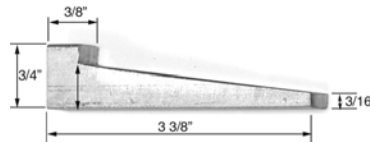
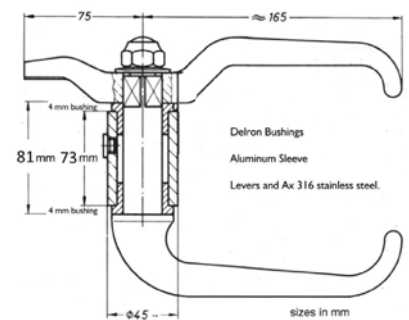
- 44.131 **Toggle device, double sided**
Medium duty
304 stainless steel door toggle,
See page 4-4-0-H



- Left Hand Right Hand
#44.221 304 stainless steel dogging device for hatches & doors. Strike 43.141 with lip
#43.141 Strike with lip: 28 x 100 x 1.5 mm. Allows for angle mounting



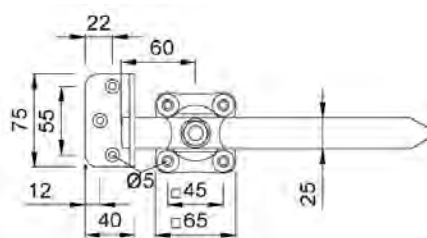
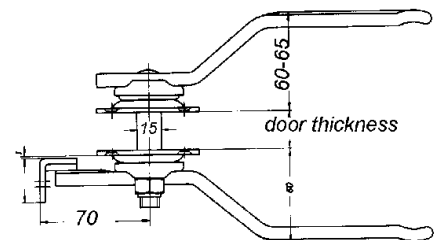
- #44.9411 Extra heavy duty 316 stainless steel door dogging device with aluminum bushing 73 mm



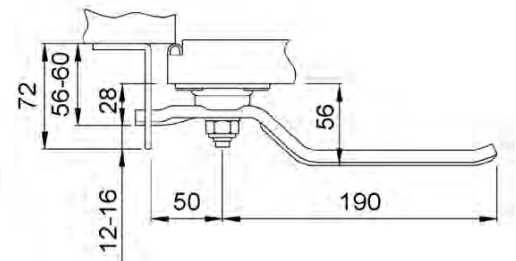
- #44.943 Strike wedge weld on type for door dogging device



- #44.131 Door toggle; double sided, for door thickness: 42 mm or 1.75 inch; Medium duty.



- #44.130 Door toggle; single sided with angle strike plate. 304 stainless steel





Izerwaren
order
numbers

Stainless steel Toggle Device

- 316 stainless steel
- Seawater resistant
- also available in mild steel

Toggle device, both sided

Extra heavy duty

316 stainless steel door toggle,
Includes:

- Toggle Lever;
- Back lever with shaft;
- aluminum bushing with
- nylon bearing and M10 grease
- M10 grease nipple
- stainless steel washer
- M16 locknut

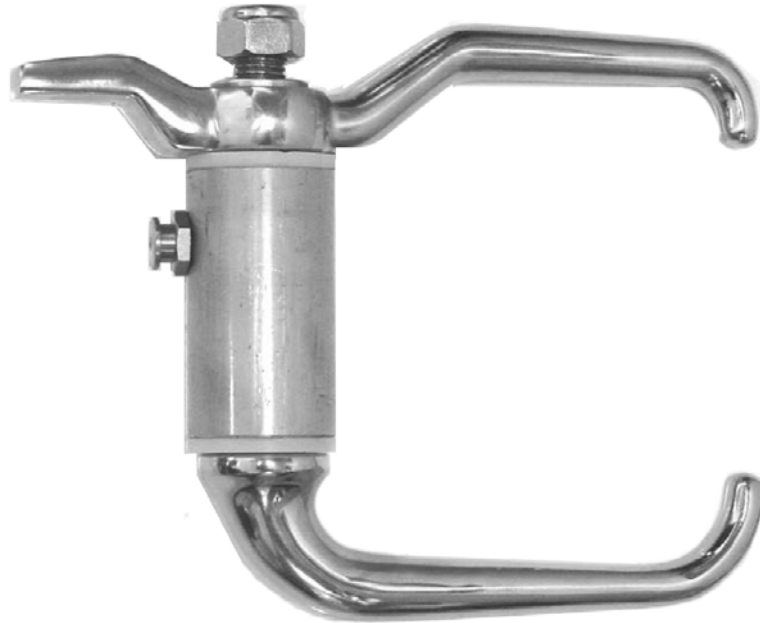
Toggle lever from center: 6 1/2";
Overall: 9 7/16" long,
bushing OD: 45 mm or 1 3/4" Ø
length aluminum sleeve 70 mm

44.9411
44.9401

SET as above without stop
SET as above with stop
(not shown)

44.943

Strike /wedge
85 x 20 x 20 mm
304 Stainless steel
Weld on



#44.9411 Extra heavy duty Mirror Polished 316 stainless steel door toggle
Shaft 24.5 mm diameter with M16 Thread, Locknut and washer
WITHOUT STOP. With aluminum bushing and nylon bushings:
Overall length: 3 1/4 inch long; 1 3/4 inch diameter
Toggle lever: 6 1/2" long from center ax.
Cam: 2 15/16 inch from center
Grease nipple M10.



#44.9412

Outside: with square nut



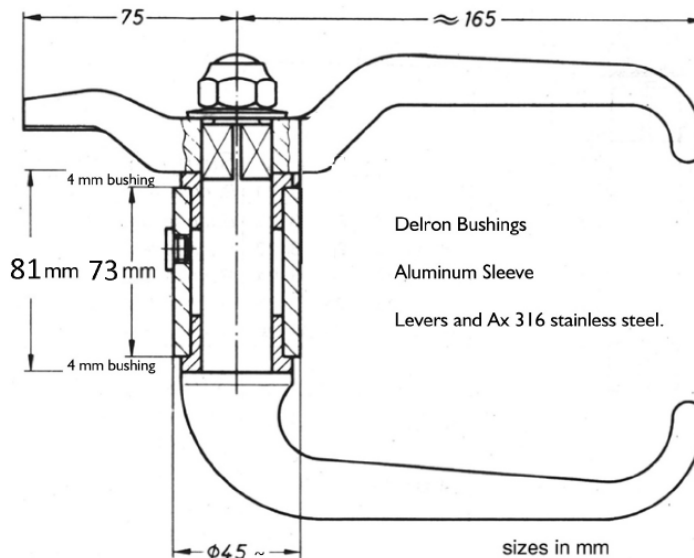
#44.9413

Outside: with blind cap

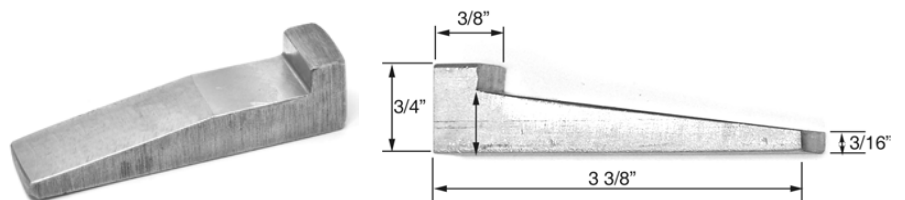


#44.9404

With Weld On Bushing.
With inside lever only,
aluminum bushing



#44.9401 Extra heavy duty 316 stainless steel door toggle with sleeve and bushings 78 mm.



#44.943 Wedge shaped weld on strike: 3 3/8 inch X 3/4 inch X 3/4 inch wide;
Satin 304 stainless steel. Order Strike Wedge separately.



Izerwaren
order
numbers

Stainless steel Toggle Device

- 316 stainless steel
- also available in mild steel
- Seawater resistant

Toggle device, single side

Extra heavy duty

316 stainless steel door toggle

Includes:

- Toggle Lever;
- Shaft with M16 thread and
- square end 3/4 inch;
- aluminum bushing with
- nylon bearing
- M10 grease nipple
- stainless steel washer
- M16 locknut

Toggle lever from center: 6 1/2";

Overall: 9 7/16" long.

Bushing OD: 45 mm or 1 3/4" Ø
length aluminum bush 73 mm or 2 7/8"

44.9412 SET without stop

44.9402 SET with stop (Not Showing)

44.943 **Strike /wedge**

85 x 20 x 20 mm

Weld on type.

304 Stainless steel



#44.9412 Extra Heavy Duty Single Side Mirror Polished 316 Stainless Steel Door Toggle with Nut on Outside. WITHOUT STOP. With aluminum bushing and nylon bushings: Overall Length Bushing: 3 1/4 inch long; 1 3/4 inch diameter. Toggle Lever: 6 1/2" long from center ax. Cam Side: 2 15/16 inch from center. Grease Nipple M10. Nut 18.8 mm square. Sizes and Dimensions are approximate. Weld on Strike wedge #44.943 not included, Please order separately.



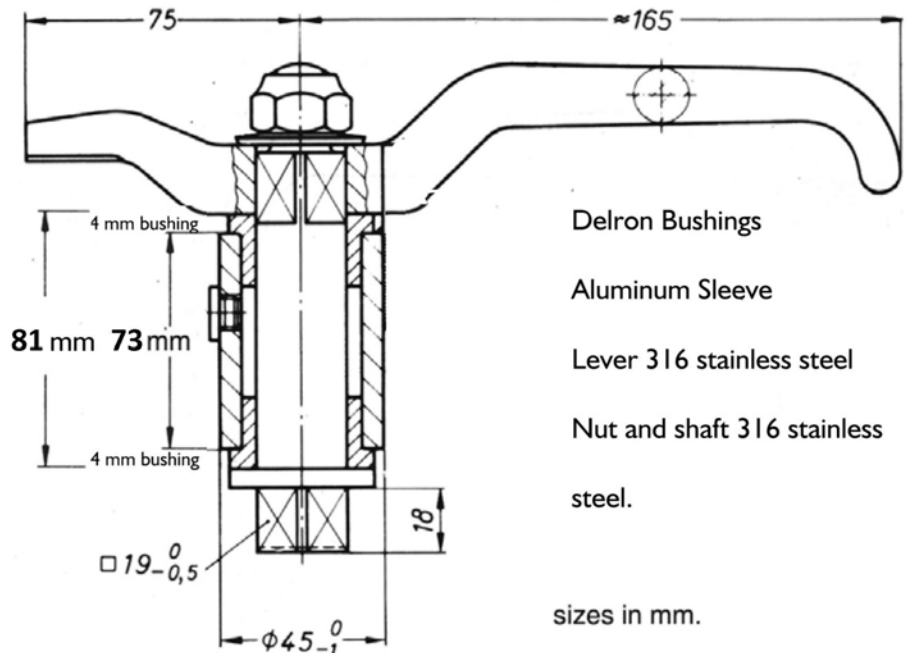
#44.9411 Double Sided



#44.9413 Single Side Flat



#44.9404 Single Side
Weld on Bushing

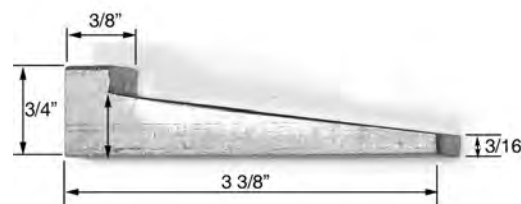


#44.9412 Extra heavy duty 316 stainless steel door toggle one sided. Square nut on reverse side.

Nut: 3/4" square. With aluminum sleeve and Delron bushings.

Sleeve: 2 15/16 inch long; Bushings 5/32"; 1 3/4 inch diameter

Toggle lever: 6 8/16" long



#44.943 Wedge / strike 3 3/8 inch X 3/4 inch X 3/4 inch wide. 304 stainless steel Please order Wedge Strike separately.



Izerwaren
order
numbers

Stainless steel Toggle Device

- 316 stainless steel
- also available in mild steel
- Seawater resistant

Toggle device

Extra heavy duty
316 stainless steel Door Toggle,
both sided; includes:

- Toggle Lever;
- Shaft with M16 thread;
- aluminum bushing with
- nylon bearings
- M10 grease nipple
- Stainless steel washer
- M16 locknut

Toggle lever from center: 6 1/2";
Overall: 9 7/16" long,
bushing OD: 45 mm or 1 25/32" Ø
with aluminum bush 73 mm

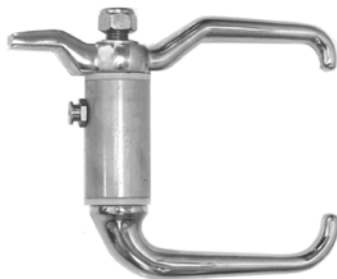
44.9413 SET as above without stop
44.9403 SET as above with stop

44.943 Strike /wedge

85 x 20 x 20 mm
Weld on.
304 Stainless steel



#44.9413 Extra Heavy Duty Single Side Mirror Polished 316 Stainless Steel Door Toggle. WITHOUT STOP. With aluminum bushing and nylon bushings: Overall length Bushing: 3 1/4 inch long; 1 3/4 inch diameter. Toggle lever: 6 1/2" long from center ax. Cam Side: 2 15/16 inch from center. Grease Nipple M10. Sizes and Dimensions are approximate. Weld on Strike wedge #44.943 not included, Please order separately.



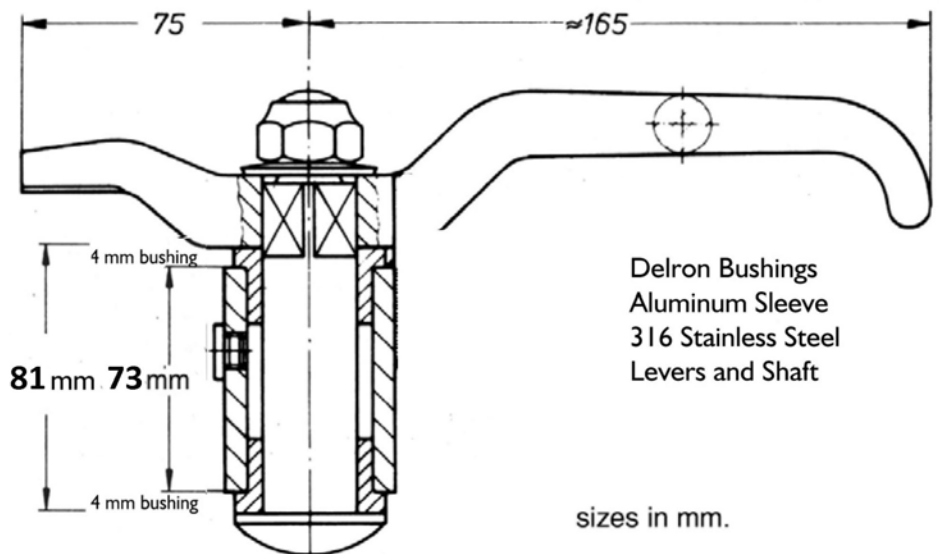
#44.9411 Double Sided Toggle



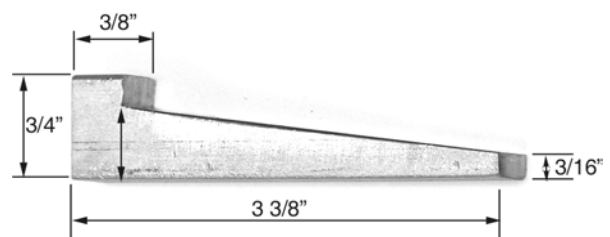
#44.9412 Single Side Toggle with Nut



#44.9404 Single Side Toggle with Weld On Bushing



#44.9413 Extra heavy duty 316 stainless steel door toggle one sided.
With aluminum sleeve; Delron bushing.
Sleeve + Bushing length: 3 inch long; 1 3/4 inch diameter
Toggle lever: 9 7/16" long overall.



#44.943 Wedge / strike 3 3/8 inch X 3/4 inch X 3/4 inch wide
304 stainless steel. Order Wedge Separately.



Izerwaren
order
numbers

Stainless steel Toggle Device

- 316 stainless steel
- also available in mild steel
- Seawater resistant

Toggle device

Extra heavy duty
316 stainless steel door toggle
Includes:

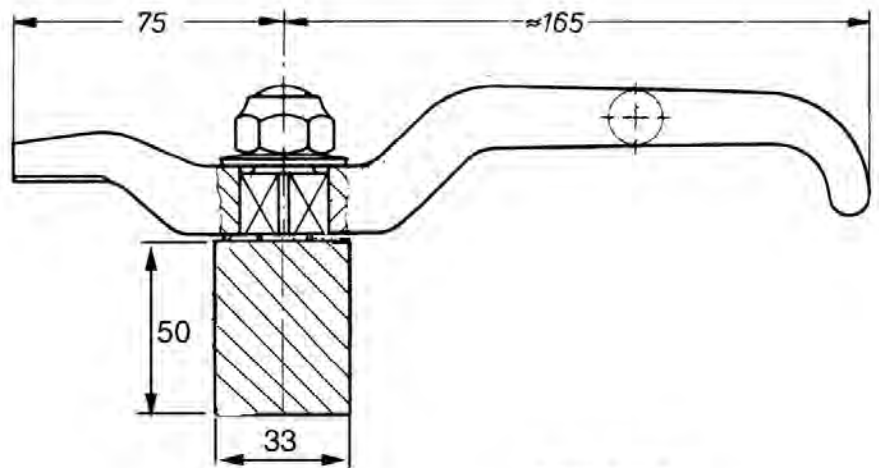
- Toggle Lever
- Bushing weld on
- M16 threaded end
- stainless steel washer
- M16 locknut

Toggle lever from center: 6 1/2";
Overall: 9 7/16" long,
Plug OD: 33 mm x 50 mm

44.9404 SET as above aluminum plug
44.9415 SET as above stainless steel plug

44.943 Strike /wedge

85 x 20 x 20 mm
Weld on.
304 Stainless steel



sizes in mm.

#44.9404 Extra Heavy Duty Single Side Mirror Polished 316 Stainless Steel Door Toggle with Short Weld on Bushing. WITHOUT STOP. With aluminum bushing and nylon rings:
Overall Length Bushing: 3 1/4 inch long; 1 3/4 inch diameter. Toggle Lever: 6 1/2" long from center ax. Cam Side: 2 15/16 inch from center. Sizes and Dimensions are approximate. Weld on Strike wedge #44.943 not included, Please order separately



#44.9404 Extra heavy duty 316 stainless steel door toggle one sided.
Aluminum weld on bushing: 2 inch long; 1 1/2 inch diameter
Toggle lever: 9 7/16" long



#44.9411 Double Sided



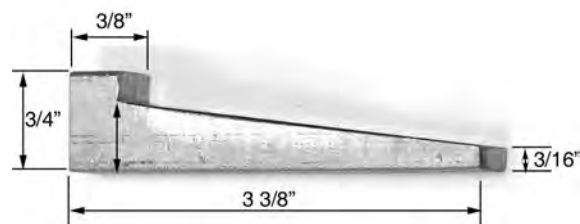
#44.9412 Single Sided with Nut



#44.9413 Single Sided flat



#44.9415 ALL STAINLESS STEEL Extra heavy duty 316 stainless steel door toggle one sided.
STAINLESS STEEL weld on bushing: 2 inch long; 1 1/2 inch diameter
Toggle lever: 9 7/16" long



#44.943 Wedge / strike 3 3/8 inch X 3/4 inch X 3/4 inch wide. 304 stainless steel



Izerwaren
order
numbers

Stainless steel Toggle Device
Spare parts

- 44.9443 Bushing OD: 73 x45 mm
aluminum
Fits in set #44.9402
- 44.9444 Bushing OD: 50 x33 mm
aluminum
Fits in set #44.9404
- 44.9445 Bushing OD: 50 x33 mm
stainless steel
Fits in set #44.9405
- 44.9446 Toggle lever 9 7/16" long
316 stainless steel
- 44.943 Strike /wedge
85 x 20 x 20 mm
Weld on type; 304 Stainless steel
- 44.944 Grease nipple M10 stainless steel
- 44.945 M16 lock nut stainless steel
- 44.946 M16 washer stainless steel
- 44.947 Nylon sleeves for alu. bushings
- 44.9448 Back lever with shaft, M16 thread



#44.9443
Aluminum bushing with nylon sleeves
73 X 45 mm
3 1/4 x 1 3/4 inch



#44.9444
Aluminum Plug
50 X 33 mm
2 x 1 1/2 inch



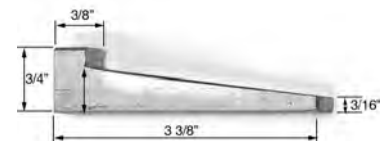
#44.9445
Stainless steel plug
50 X 33 mm
2 x 1 1/2 inch



#44.9411 see page 4-4-A



#44.944 Grease nipple M10
304 stainless steel



#44. 943 Wedge / strike 304 stainless steel
3 3/8 inch X 3/4 inch X 3/4 inch wide



#44.9412 see page 4-4-B



#44.9446 Toggle lever; 9 7/16" long 316 stainless steel



#44.9413 see page 4-4-C



#44.9415 see page 4-4-D



#44.9448 Back lever with shaft and M16 thread
Lever 6 1/2" long. 316 stainless steel



Izerwaren
part
number

Toggle Devices
Bulwark door latches

44.831

Toggle device

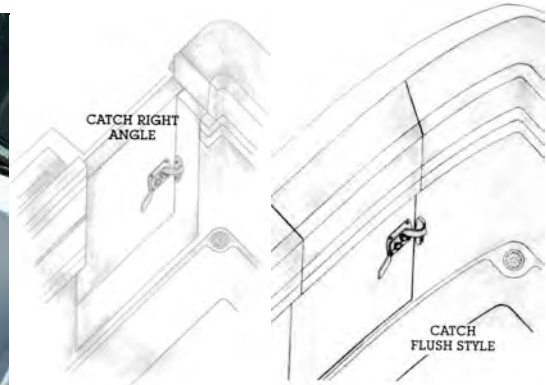
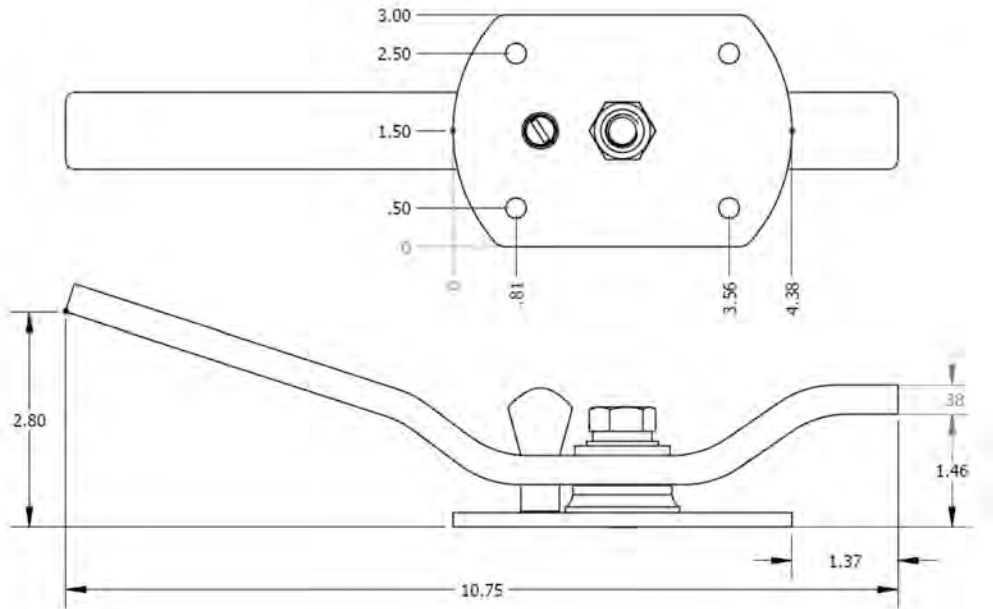
Stainless steel
10 3/4" x 2.80"
Locking with spring loaded
pin. Both Handed

44.013

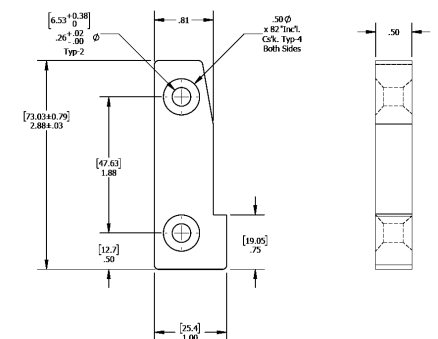
#44.013 Strike Wedge
Both handed
316 stainless steel



#44.831 Stainless steel toggle device 10.75" x 2.80". With Strike. Locking with spring loaded pin.



#44.831 Full size door toggle; 10 3/4 inch long



Drawing Strike Wedge #44.013



Izerwaren
part
number

Toggle Devices
Bulwark door latches

44.835

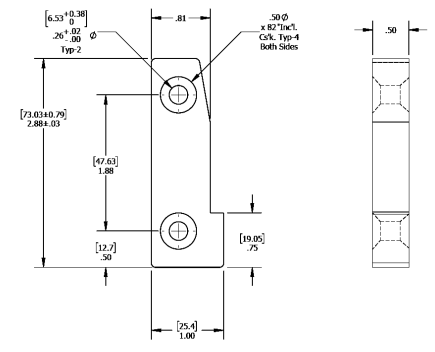
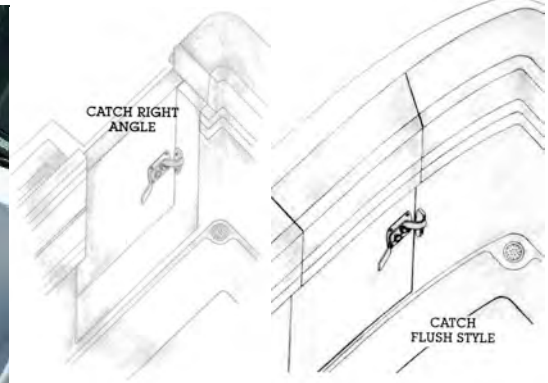
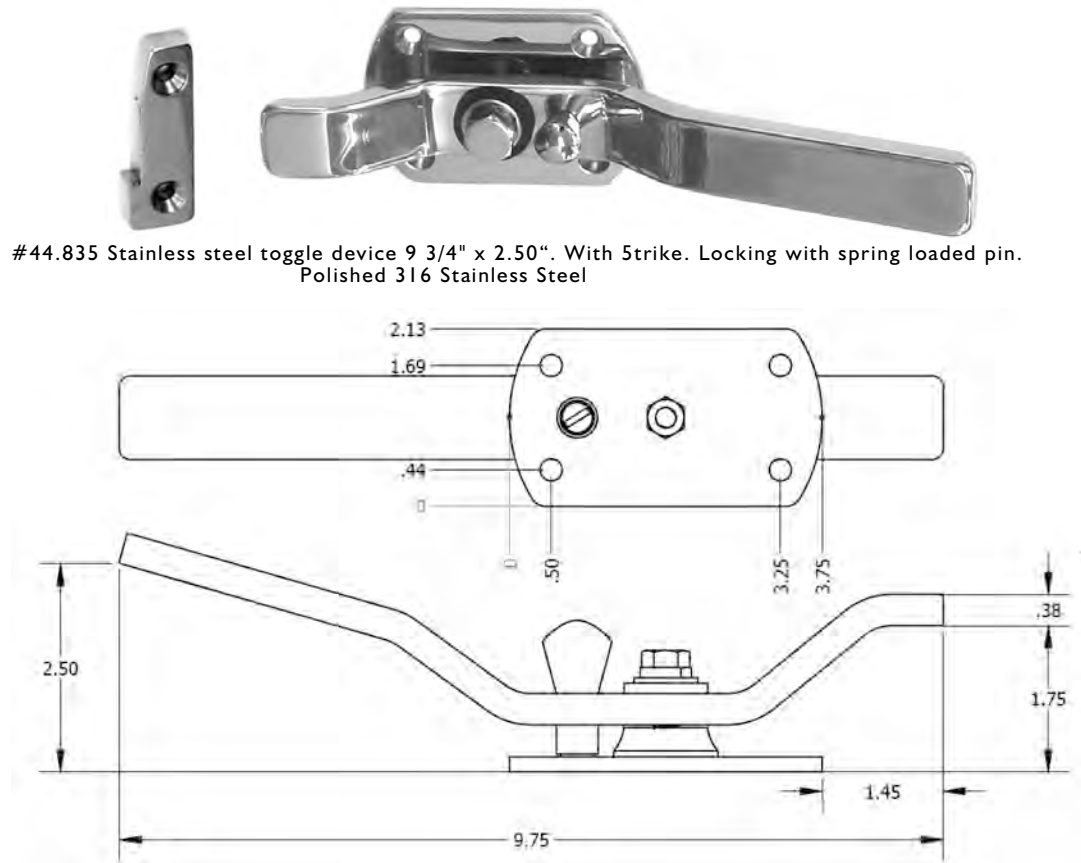
Toggle device

Stainless steel
9 3/4" x 2.5"
Locking with spring loaded
pin. Both Handed



44.013

#44.013 Strike Wedge
Both handed
316 stainless steel



#44.835 Door Toggle; 9 3/4 inch long

Drawing Strike Wedge #44.013



Izerwaren
part
number

Dogging Devices
Bulwark door latches

44.832

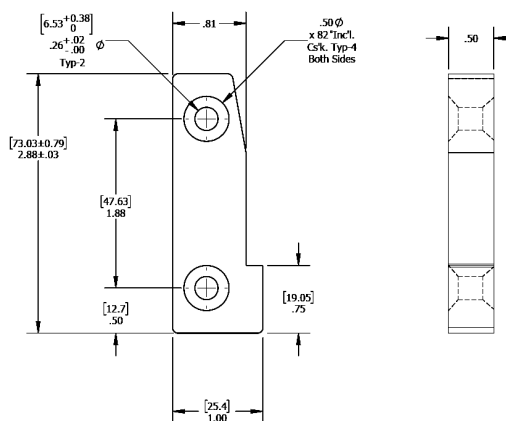
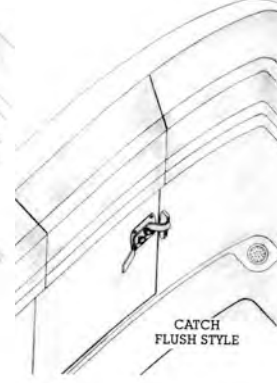
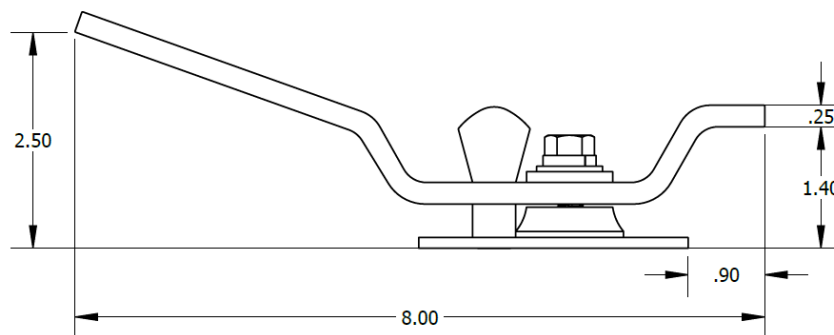
Dogging device
Stainless steel
8" x 2.50"
Locking with spring loaded
pin. Both Handed



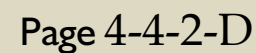
#44.832 Stainless steel toggle device 8" x 2.50". With Strike. Locking with spring loaded pin.
Polished 316 Stainless Steel

44.013

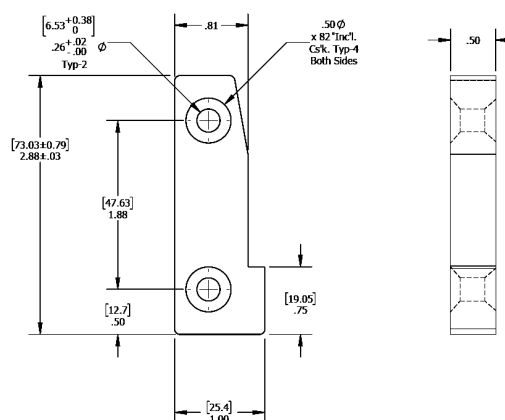
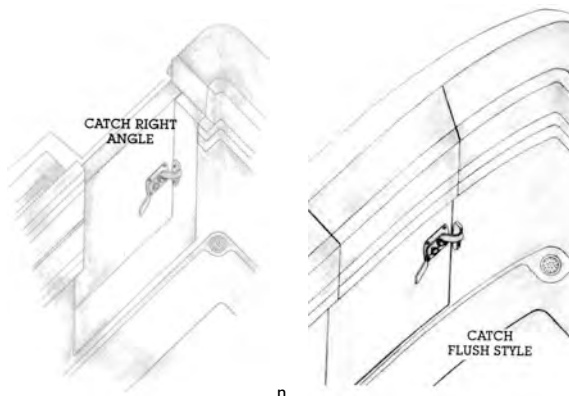
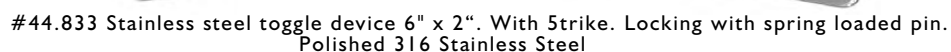
#44.013 Strike Wedge
Both handed
316 stainless steel



Drawing Strike Wedge #44.013



#44.013 Strike Wedge
Both handed
316 stainless steel



Drawing Strike Wedge #44.013



Izerwaren
Order #

44.129.508 **Door Dogging Device** Left hand
single side
satin 304 stainless steel

44.129.308 Polished 304 stainless steel

44.130.508 **Door Dogging device**
Right hand (depicted)
single side
satin polished 304 stainless steel

44.129.308 Polished Stainless Steel

44.128L.508 **Angle strike** LEFT
Satin 304 stainless steel
44.128L.308 Polished 304 Stainless Steel



LEFT hand

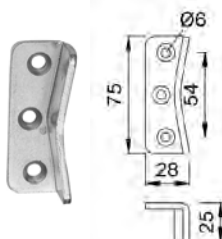
44.128R.508 **Angle strike** RIGHT
Satin 304 Stainless Steel
44.128R.308 Polished 304 Stainless Steel



RIGHT Hand

44.537.308 **Double strike** Polished
28 x 75 x 25 mm

44.537.508 **Double strike** Satin
For double sided door toggle #44.131
304 Stainless Steel



44.131.508 **Toggle device , double sided**
Satin Stainless Steel
door thickness: 45 mm / 1 3/4 inch
Lever: 190 mm 7 1/2 inch
distance to locking plate: 70 mm 2 3/4 inch
satin polished 304 stainless steel
Felt washers included for fastening roses.
Both handed

44.131.308 **Toggle device , double sided**
Polished Stainless Steel

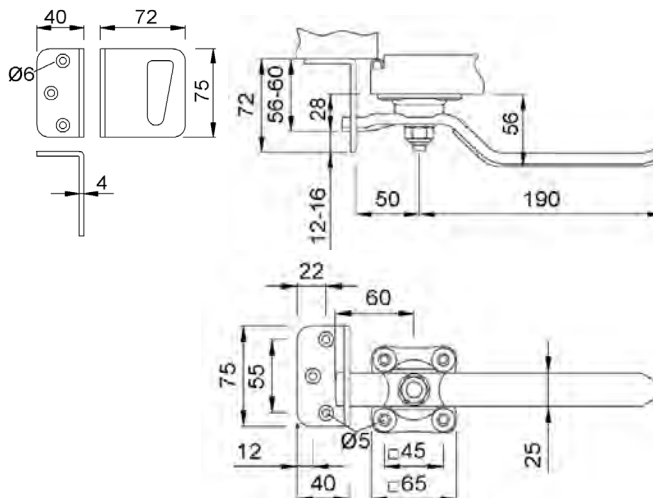


90 degree turn only



#44.130.308 Medium duty 304 stainless steel door dogging device
90 degree turn only

Polished Stainless Steel finish (right hand depicted)
Angle strike 44.128R (right hand)
This setup pulls the door closed.

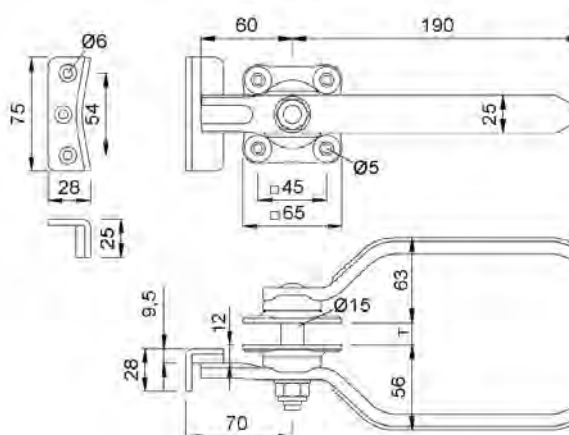


right hand setup depicted with bracket mounted outward

**DEPENDING ON THE LAYOUT ALL BRACKETS APPLICABLE TO EITHER DEVICE
ALL DEVICES DEPICTED TURN 90 DEGREE ONLY**



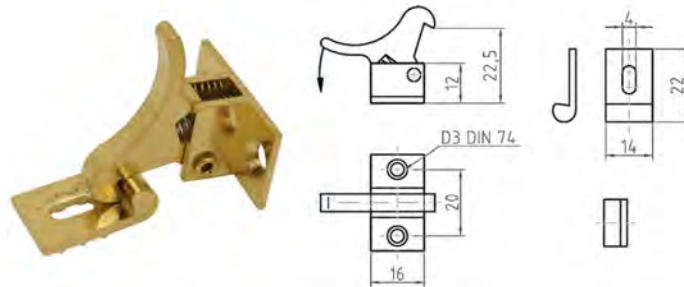
44.131 Door dogging device; Double sided medium duty
304 stainless steel
90 degree turn only For door thickness 1 3/4 inch
with double with double sided strike #44.537





Izerwaren
Order
numbers

- 21.516 Finger pull (5160/61)**
with elbow catch, strike and.
latch operates by pulling lever with
finger, through hole in door.
Cover ring in hole in door:
drill 29 mm hole; OD: 34 mm ID: 23 mm
strike plate included; both handed



Finger pull #21.516 elbow catch; latch operates by pulling lever with finger, through hole in door. Strike plate included; both handed

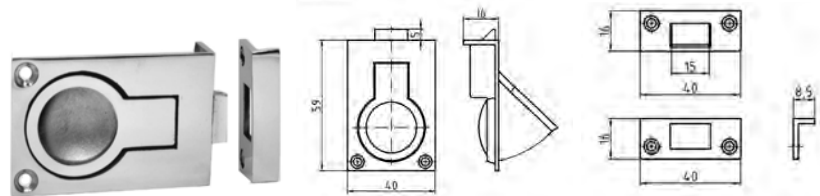
- 21.2801 Ring (631.02.801) Brass Polished**
Diameter 35 mm; 18 mm high;

- 21.2701 Ring (631.02.701) Satin Nickel**
Diameter 35 mm; 18 mm high;



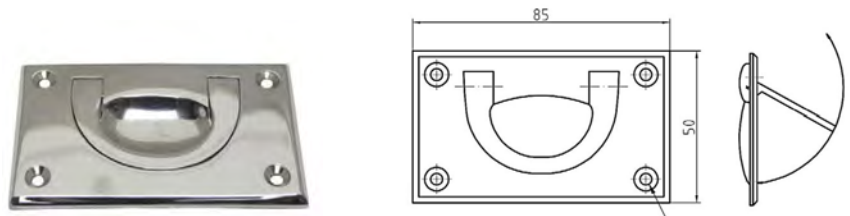
#21.2801 Brass #21.2701 nickel Brass Cover ring for hole in door:
Drill 35 mm hole; D = 35 mm; A = 19 mm

- 46.108 Flush Pull Lift with latch (4108)**
Brass, polished chrome plated,
Strike plate included.
Body: 60 x 40 mm - 2 3/8" x 1 9/16";
Strike: 15 x 15 mm - 5/8" x 5/8"
mortise depth: 18 mm - 11/16"



Finger pull catch #46.108 Polished stainless steel

- 46.020 Flush Pull**
Brass, polished chrome plated,
Dimensions: 85 x 50 x 13mm
mortise depth: 13 mm 5/8"



Flush pull #46.020 chrome/brass 85 x 50 mm.

- 43.214 Flush Pull** stainless steel
2 1/4" x 3" ~ 57 x 76 mm
316 Cast Stainless steel

- 43.215 Flush Pull** stainless steel
Dimensions: 2 1/2" x 1 3/4"
316 Cast Stainless steel

- 43.216 Flush Pull** stainless steel
Dimensions: 1 1/2" x 1 15/16"
316 Cast Stainless steel



Flush Pull #43.214
3" x 2 1/4"



#43.215;
1 3/4" x 2 1/2"



#43.216;
1 1/2" x 1 15/16"