

IZERWAREN



Chapter Nine Fire Fighting Equipment



Folding Cleats & Bollards



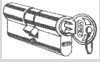
#93.801 Folding Cleat 8 inch



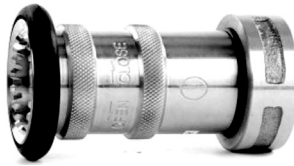
#92.911 Bollard 18 inch.

26 Edition

Non Corrosive Fine Building and Ships Hardware
SALES@IZERWAREN.COM

**Firefighting Nozzles – Water and AFFF only**

#92.521 Nozzle with Ball Valve
Lever operated Blast/Closed/Misting.
Operating pressure: up to 16 bar.
Lightweight Nozzle. Aluminum with Polyamide grip. Nozzle opening: 12 mm diameter. Flow diameter: 30 mm
Size: 380 mm long x 140 mm 15 x 5 1/2 inch. Weight off nozzle: 3 lbs. with aluminum Storz coupling N = 66 and conversion adapter. Used at European Mega Yachts
Can be used with Storz Coupling N=66 and conversion adapter



#91.KC1 Nozzle UL approved with Storz coupling N=66
Brass Chrome Plated Nozzle. UL Rated. Manufacturer Part Number: 6AKC1.
Activates By: Twisting.
For Use With Water.
Inlet Size: 1 1/2 inch. Maximum Flow Rate: 130 gpm. Maximum Pressure: 100 psi.
Nozzle Spray Pattern: Fog.
Activation Method: Twist. Nozzle Type: Adjustable Gallonage.
Rating: UNSPSC: 46191603.



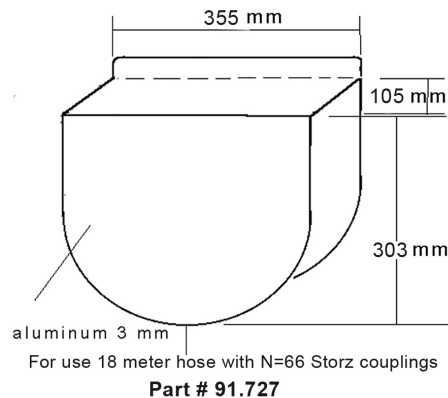
#91.151 Nozzle with Piston Grip
Coast Guard Approved Firefighting Nozzle and UL rated.
With Storz N=66 coupling
Dimensions Nozzle: 8 3/4" X High 10 3/4"
Weight: 14.5 lbs.
Add Storz Coupling weight: (2 lbs. brass chrome; 0.5 lbs. aluminum)
Operating pressure: up to 100 PSI.
Thread: US NPS female 1.75" -9
To: US NPT 1 1/2" Storz coupling

Ajax Nozzle no 1 and Containers for 18 meter 1 1/2 diameter hose

#91.718 Replacement Ajax nozzle #1 with Storz couplings N=66
Use with valve #91.778 and hose set #91.707



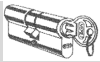
#91.7071 Fire Hose Container
Aluminum for use with 18 meter piroflex hoses with N=66 Storz couplings. Use with fire valve #91.778



Part#: 91.728 Fire Hose Container

600 x 500 x 180 mm, Fiberglass.
Made from 1/8 inch Fiberglass for max. 18 meter fire hose; Equipped with stainless steel hinges and lockable stainless steel hasp

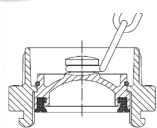
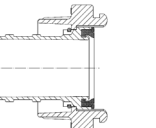
Outside dimension: 457 x 558 x 187 mm (18" x 22" x 7 3/8").



Hoses

 #91.707 Fire Hose Pyroflat white 1 1/4 diameter with Storz couplings N-52 18 meter / 59 feet Pyroflat hose with aluminum Storz couplings distance = 52 mm. Use with valve #91.777	 #91.7071 Fire Hose piroflat white 1 1/2 inch diameter with Storz couplings N=66. 18 meter / 59 feet w. alu. Storz coupling for 1 1/4 ID fire system Storz coupling distance = 66 mm. Use with fire valve #91.778	 #91.7072 Fire Hose white 1 inch diameter with clamping couplings 18 meter / 59 feet w. alu. Storz coupling for 1 1/4 ID fire system Storz coupling distance = 66 mm. Use with fire valve #91.075
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Adapters, Couplings

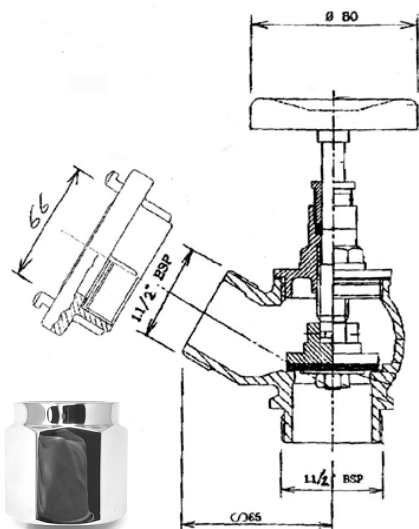
#92.380 Storz coupling male N=52 #92.381 Storz coupling male N=66 Please specify thread and base material (Brass or Aluminum)	  #92.380/1 male thread
#92.382 Storz coupling female N=52 #92.383 Storz coupling female N=66 Please specify thread and base material (Brass or Aluminum)	  #92.382/3 female thread
# 91.CSL female/female adapter from 1 1/2" BSP to NPS 1 1/2" Chrome plated brass	 #91.CSL
#91.052 Dustcover Storz N-52 (Brass or Aluminum) #91.066 Dustcover Storz N-66 (Brass or Aluminum) #91.1431 Storz coupling w. hose barb N-52 to 1 1/2" hose #91.1436 Storz coupling w. hose barb N-66 to 1 1/2" hose	   



Valves and Coupling



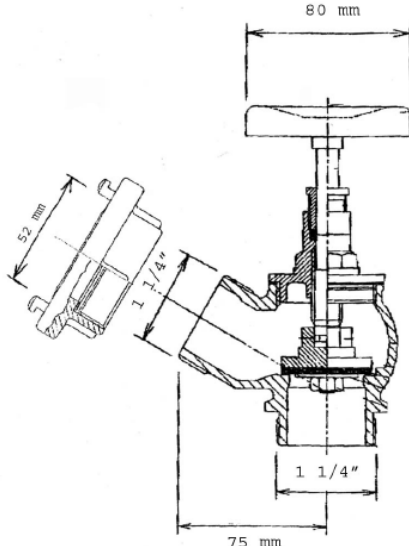
#91.778 Valve + 1 1/2" with N=66 Storz Coupling and Dust cap
Steel powder coated turning wheel
Thread: 1 1/2" BSP. Valve chrome over brass



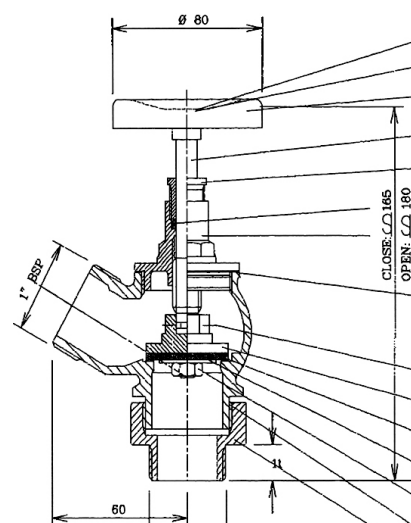
91.CSL female/female adapter 1 1/2" BSP to NPS



#91.777 Valve 1 1/4" showing with Storz coupling and dust cap N=52
Steel powder coated turning wheel
Thread: 1 1/4" BSP. Valve chrome plated brass

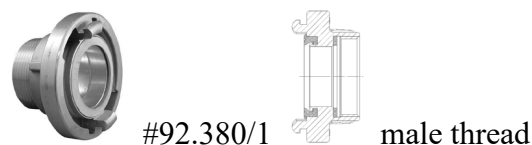


#91.075 Valve 1 inch showing with Stainless Steel Camlock Coupling & cap
Steel powder coated turning wheel
Thread: 1" BSP. Valve chrome plated brass

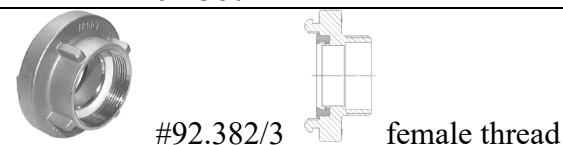


Adapters, Couplings

#92.380 Storz coupling male N=52
#92.381 Storz coupling male N=66
Please specify thread and base material (Brass or Aluminum)



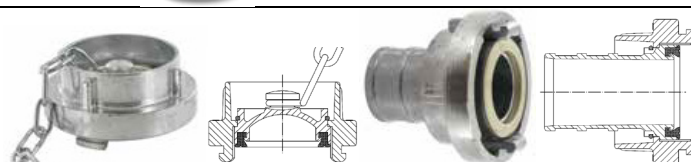
#92.382 Storz coupling female N=52
#92.383 Storz coupling female N=66
Please specify thread and base material (Brass or Aluminum)

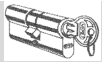


91.CSL female/female adapter from 1 1/2" BSP to NPS 1 1/2"
Chrome plated brass

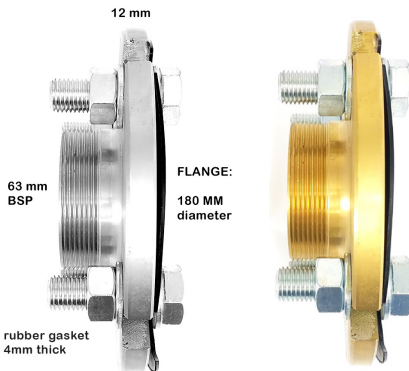
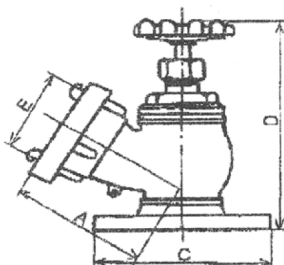


#91.052 Dustcover Storz N-52 (Brass or Aluminum)
#91.066 Dustcover Storz N-66 (Brass or Aluminum)
#91.1431 Storz coupling w. hose barb N-52 to 1 1/2" hose
#91.1436 Storz coupling w. hose barb N-66 to 1 1/2" hose





Flange Mounted Valves, and Shore Flange with Storz Couplings, Nozzle and couplings

#91.534 International Shore Connection Brass flange with BSP 63 mm male thread. 180 mm diameter x 12 mm flange (a Storz coupling 88 can be fitted.) Storz coupling not shown.		#91.534  International Shore Flange 63 mm BSP British Pipe Tread Male
#91.53173 1 ½ inch valve 60 degree on flange Flange: 150 mm diameter Size 1 1/2 inch: A = 88 C = 150 D = 175/195 E = 66 Storz Coupling All Models: Black steel powdercoated wheel for safety. Order storz couplings separate	60 degree model with DIN flange  #91.53173	 1 ½ inch valve 60 degree on flange order Storz coupling separate
91.150 Nozzle with horseshoe handle Dimensions: Long: 8 ¾" X High 10 ¾" Weight: 9 lbs Operating pressure: up to 100 PSI. Thread: US NPS female 1.75" -9 Combination Fog and Straight Stream Constant gallonage for either pattern. Chrome Plated Brass	Coast Guard Approved Firefighting Nozzles – Water and AFFF only Coast Guard Approved AFFF/water Fog Nozzle with horseshoe handle	 91.150 Nozzle with horseshoe handle
#92.380 Storz coupling male N=52 #92.381 Storz coupling male N=66 Please specify thread and base material (Brass or Aluminum)	 #92.380/1 male thread	
#92.382 Storz coupling female N=52 #92.383 Storz coupling female N=66 Please specify thread and base material (Brass or Aluminum)	 #92.382/3 female thread	
#91.052 Dustcover Storz N-52 (Brass or Aluminum) #91.066 Dustcover Storz N-66 (Brass or Aluminum) #91.1431 Storz coupling w. hose barb N-52 to 1 1/2" hose #91.1436 Storz coupling w. hose barb N-66 to 1 1/2" hose		



Izerwaren
Order
numbers

316 stainless steel
Hawse pipes
Mirror polished
Sizes in inches & mm

92.HPS8 **Hawse Pipe**
165 X 242 mm
316 s/s mating hawse
pipe, set 6.5 x 9.5 inch

92.HPS7 **Hawse Pipe**
127 x 242 mm
316 s/s mating hawse
pipe, set 5.75 x 9.5 inch

92.HPS6 **Hawse Pipe**
102 x 178 mm
316 s/s mating hawse
pipe, set 4 x 7 inch



#92.HPS8

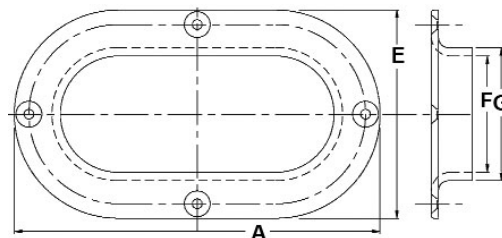
316 s/s mating hawse pipe, set
Outside: 6.5 x 9.5 inch
Opening: 3 3/4 x 6 7/8 inch

#92.HPS7

316 s/s mating hawse pipe, set
Outside: 5.75 x 9.5 inch
Opening: 3 x 6 7/8 inch

For #92.HPS6

316 s/s mating hawse pipe, set
Outside: 4 x 7 inch
Opening: 1 9/16 x 4 9/16 inch



For #92.HPS8

A= 9.5 inch

E= 6.5 inch

Hawse opening:

: 3 3/4 x 6 7/8 inch

Thickness Mating Sets:

D= FROM 3 1/4 TO 1 5/8 inch

For #92.HPS7

A= 9.5 inch

E= 5.75 inch

Hawse opening:

3 x 6 7/8 inch

Thickness Mating Sets:

D= FROM 3. 1/4 TO 1 5/8 inch

For #92.HPS6

A= 7 inch

E= 4 inch

Hawse opening:

1 9/16 x 4 9/16 inch

Thickness Mating Sets:

D= FROM 2 1/2 TO 1 1/4 inch

92.HPCS3 **Cleat Hawse Pipe**
250 x 132 mm

92.HPCS3 Cleat Hawse Pipe

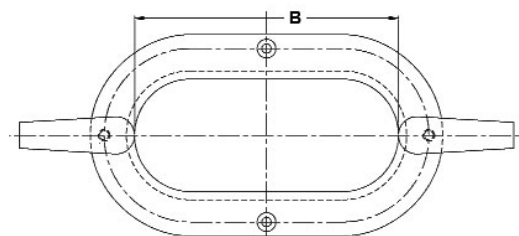
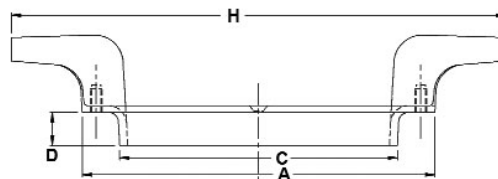
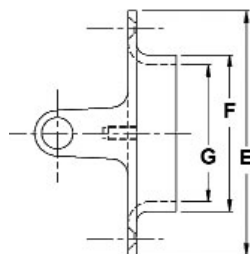


5.25 x 9.25 inch OD.

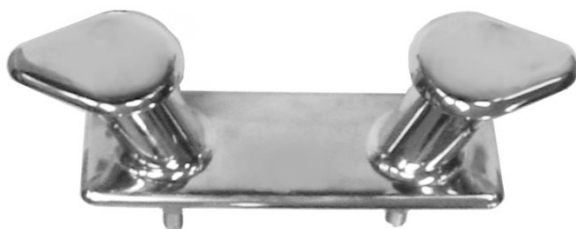
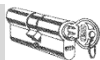
2.936 x 7.1265 inch ID.

3.115 x 7.5 inch Opening

H= Distance between ears: 14 inch



#92.HPCS3

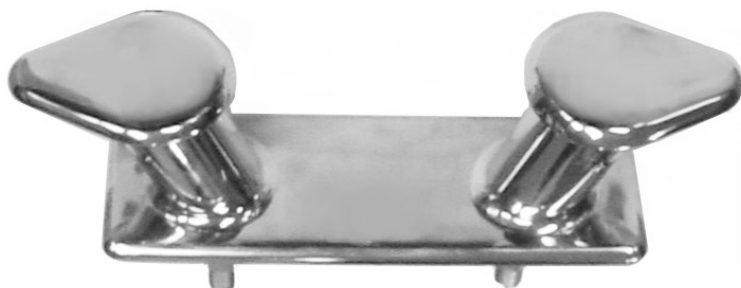


#92.822 Bollard. Size 11 inch
Size: 11" over all length. Height: 4"
Base Plate: 8" x 3"

92.822

Bollard 11" overall

Distances mounting holes: 4 3/4"
for 1/2" inch bolts
Plate: 8 x 3"
316 stainless steel Bollards
Mirror polished



#92.140 Bollard. Size 14 inch
Size: 14" over all length. Height: 4 1/4"
Base Plate: 11" x 3 1/2"

92.140

Bollard 14" overall

Distances mounting holes: 6 1/4"
for 5/8" inch bolts
Plate: 11 x 3 1/2"
316 stainless steel Bollards
Mirror polished

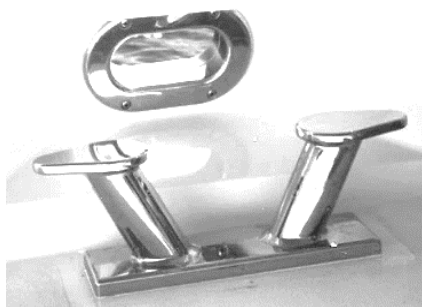


#92.911 Bollard 18 inch.
Base plate: 13 1/2 inch x 4 inch.
Ears: Raised 5 inch from bottom plate; 17.5 inch wide.

92.911

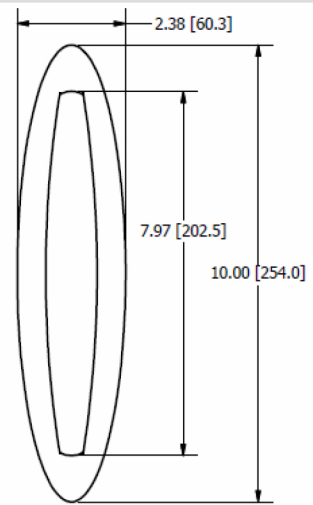
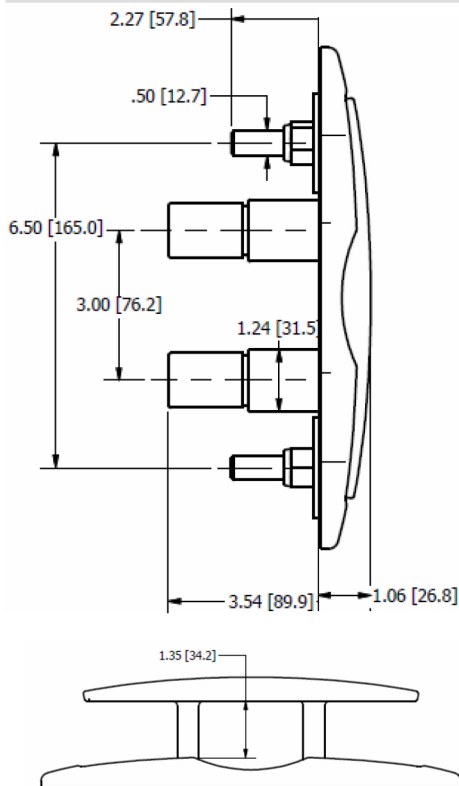
Bollard 18" overall

distances mounting holes: 5"
with 5/8" inch bolts
Plate: 13 1/2" x 4"
316 stainless steel Bollards
Mirror polished

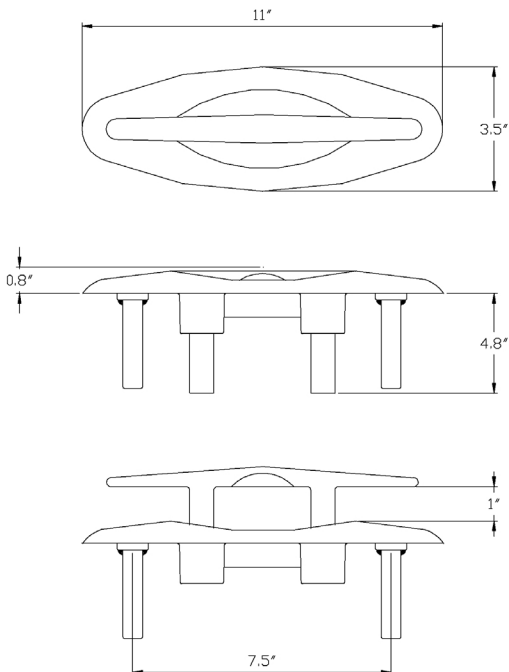


92.HPS8 Series Hawser Pipes Ring

3 sizes available; See page 9-2-1



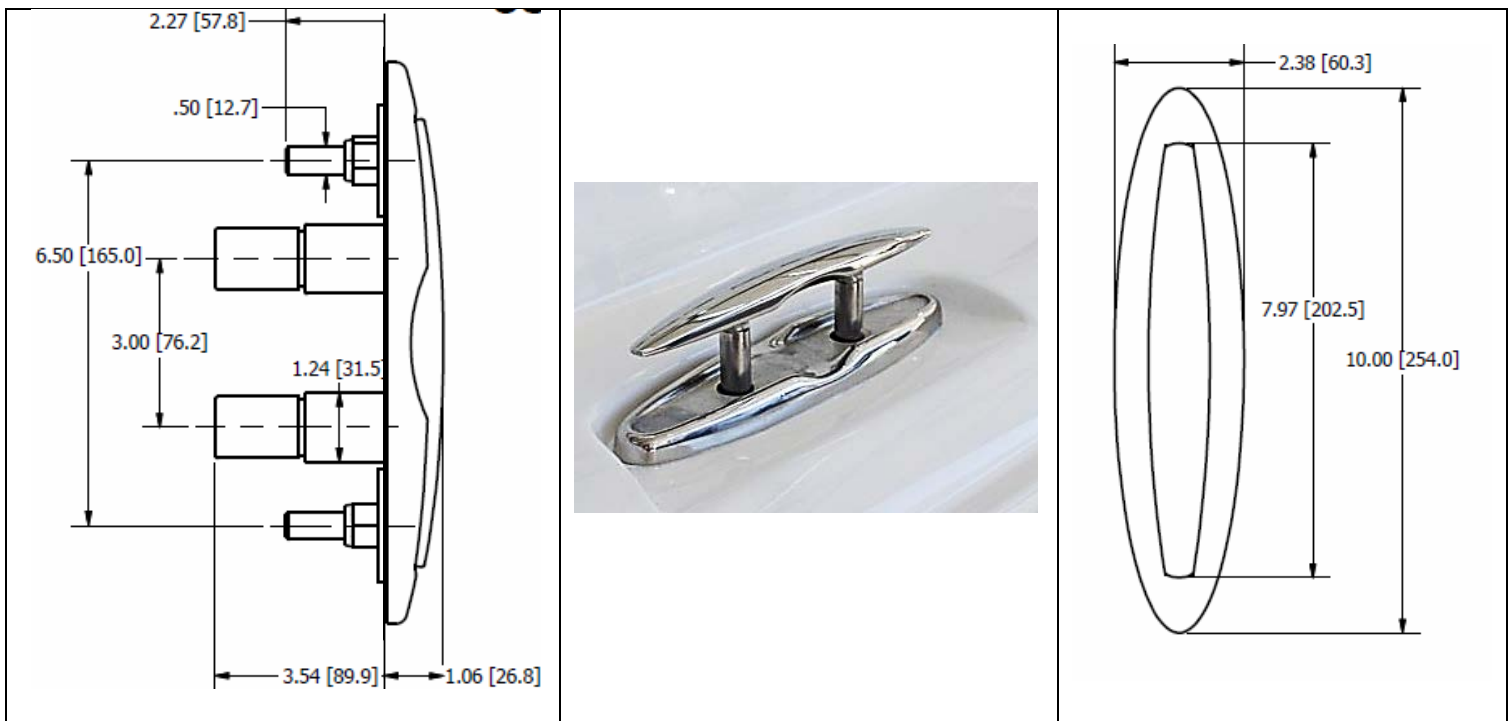
#93.104 Pop up Cleat; Foot print: 10 inch x 2.38 inch. (Slim line 304).
Spring Loaded. Pops up by pushing button.
Finish: Polished Stainless Steel.



#93.305 Pop up Cleat; Foot print: 11 inch x 3.5 inch. (Wide line 305).
Spring Loaded. Pops up by pushing button.
Finish: Polished Stainless Steel;

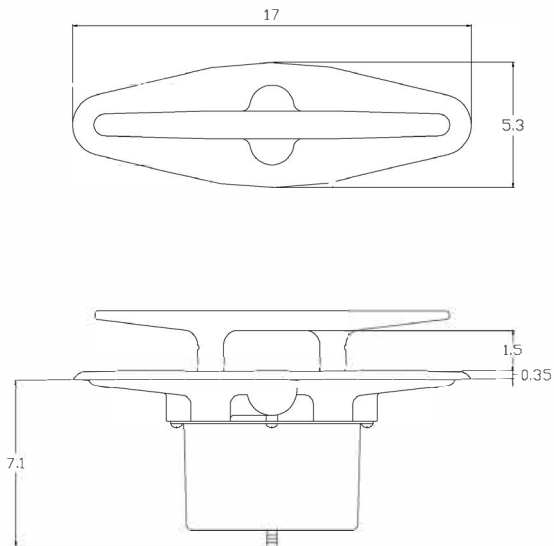


#93.104 Pop up Cleat; 10 inch x 2.38 inch. Surface Mount.



**Drill 4 Holes: 2x 1 1/4 inch diameter at 3 inch distance.
2x 1/2 inch diameter bolts at 6.50 inch distance.**

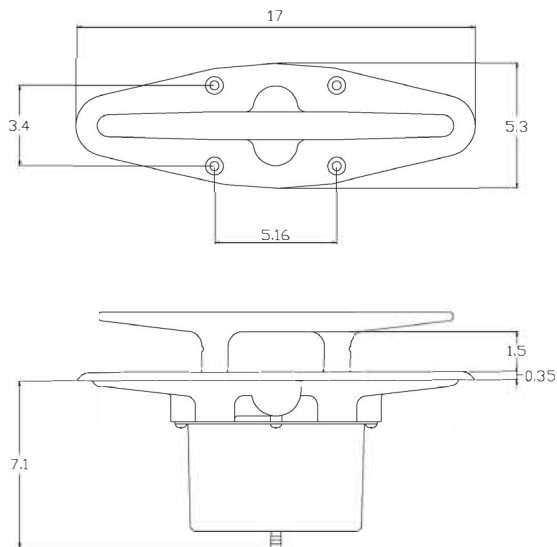
- Finish: Polished Stainless Steel; delron gaskets
- Overall size: 10 inch x 2.38 inch; build in depth: 3.54 inch; Protrudes: 1.06 inch



93.103S 15 inch Pull up Cleat; Stud Mounted NO visible screws

Foot print: 17 inch x 3.4 inch. .

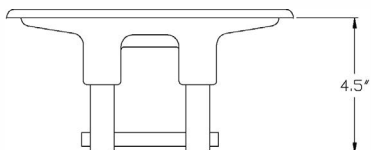
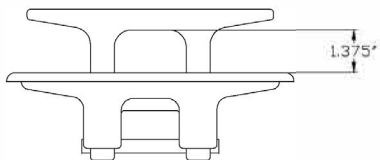
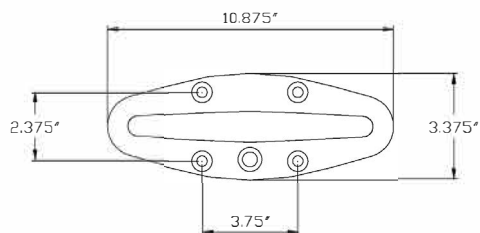
Finish: Polished Stainless Steel;



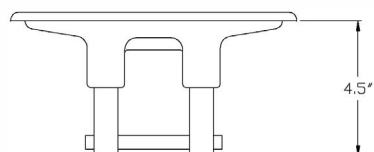
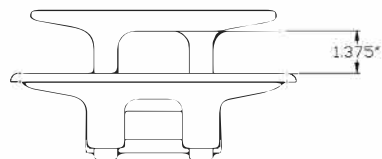
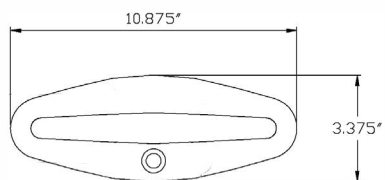
93.103T 15 inch Pull up Cleat; Top Mounted with visible screws

Foot print: 17 inch x 3.4 inch. .

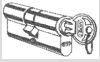




93.102T - 15 inch Pop up Cleat; Top[Mounted with visible screw holes (202-6)
Foot print: 17 inch x 3.4 inch. Finish: Polished Stainless Steel;



93.101S - 15 inch Pop up Cleat; Stud Mounted no visible screw holes (202-6-S)



Top mount folding cleat

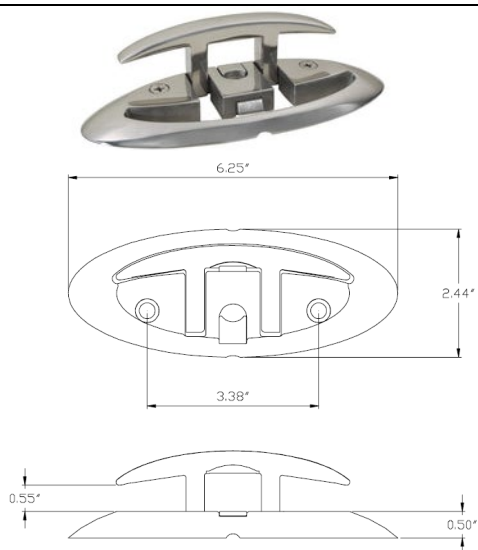
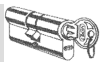
- | | | | |
|---------|----------------------|----------|-----------|
| #93.450 | Oval fold down cleat | 4.5 inch | Top Mount |
| #93.603 | Oval fold down cleat | 6 inch | Top Mount |
| #93.803 | Oval fold down cleat | 8 inch | Top Mount |



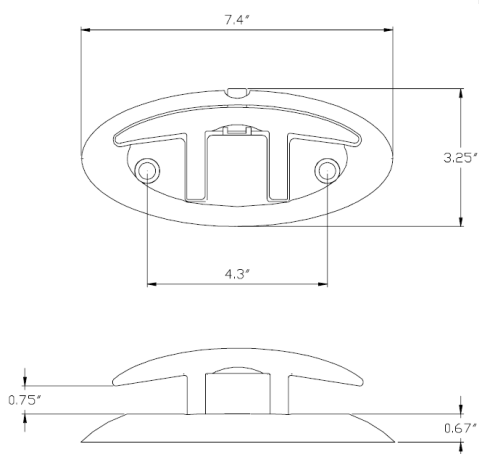
Stud mount folding cleat

- | | | | |
|---------|----------------------|----------|------------|
| #93.454 | Oval fold down cleat | 4.5 inch | Stud Mount |
| #93.604 | Oval fold down cleat | 6 inch | Stud Mount |
| #93.804 | Oval fold down cleat | 8 inch | Stud Mount |

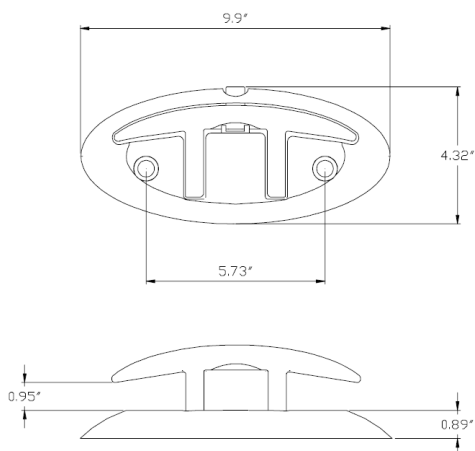
Drawings Please See Page 9-2-6



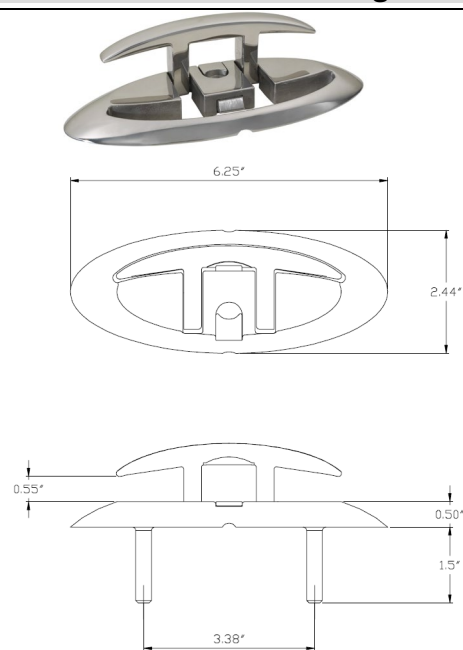
#93.450 Oval fold down cleat 4.5 inch Top Mount



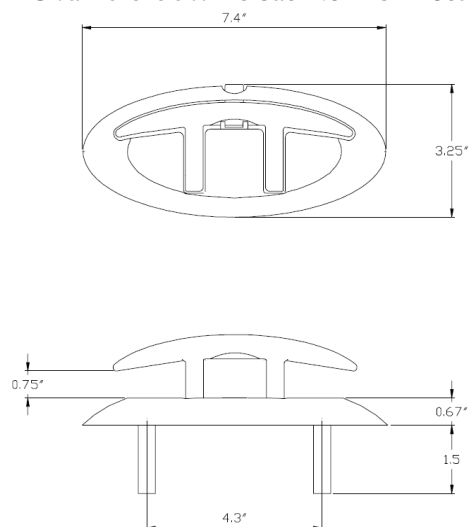
#93.600 Oval fold down cleat 6 inch Top Mount



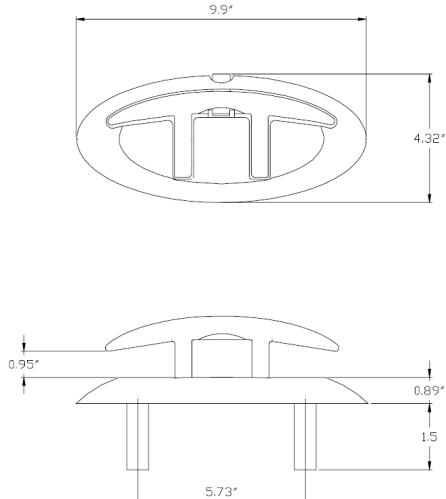
#93.800 Oval fold down cleat 8 inch Top Mount



#93.451 Oval fold down cleat 4.5 inch Stud Mount



#93.601 Oval fold down cleat 6 inch Stud Mount



#93.801 Oval fold down cleat 8 inch Stud Mount