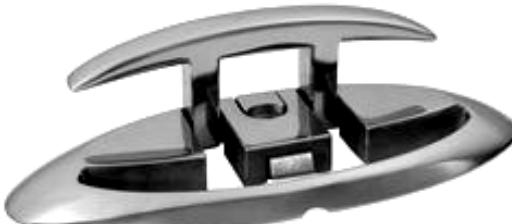


# IZERWAREN



## Folding Cleats & Bollards



#93.801 Folding Cleat 8 inch



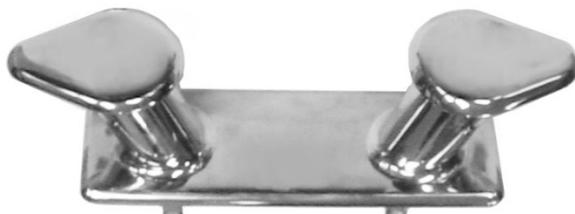
#93.HPPS8 Hawse Pipe 6.5 x 9.5 inch



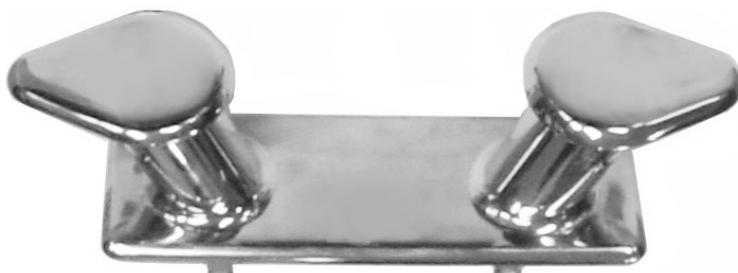
#92.911 Bollard 18 inch.

### 23 Edition

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



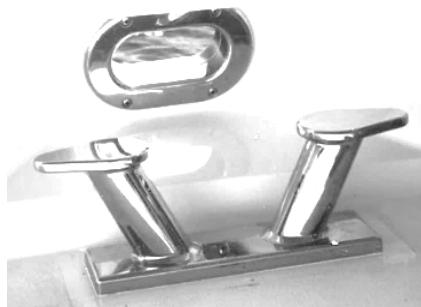
#92.822 Bollard. Size 11 inch  
Size: 11" over all length. Height: 4"  
Base Plate: 8" x 3"



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



#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.



### # 92.822

#### 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 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" 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



## Stainless steel Hawse Pipes

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



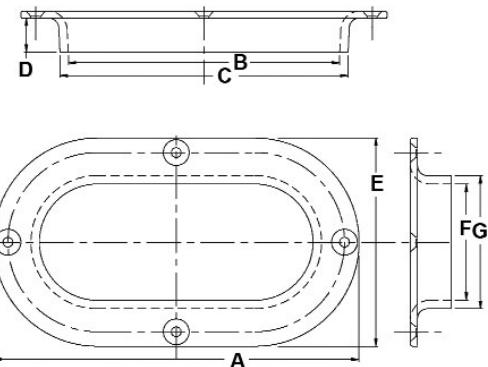
92.HPS7 **Hawse Pipe**  
**127 x 242 mm**  
316 s/s mating hawse  
pipe, set 5.75 x 9.5 inch

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

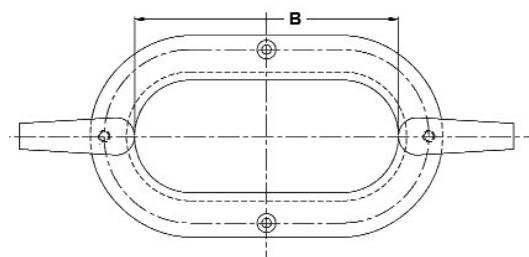
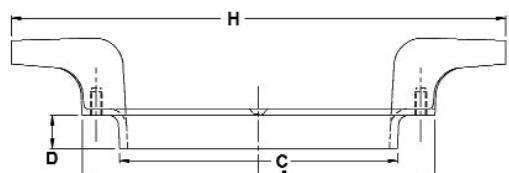
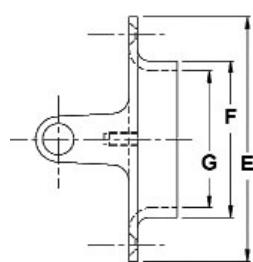
A= 7 inch  
E= 4 inch  
Hawse opening:  
1 9/16 x 4 9/16 inch  
Thickness Mating Sets:  
D= FROM 2 1/2 TO 1 1/4 inch

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

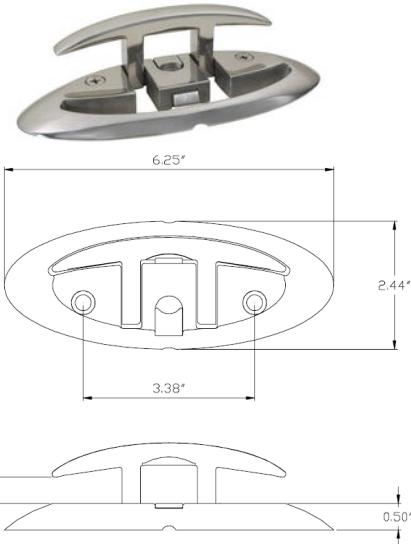
**Top mount folding cleat**

- #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

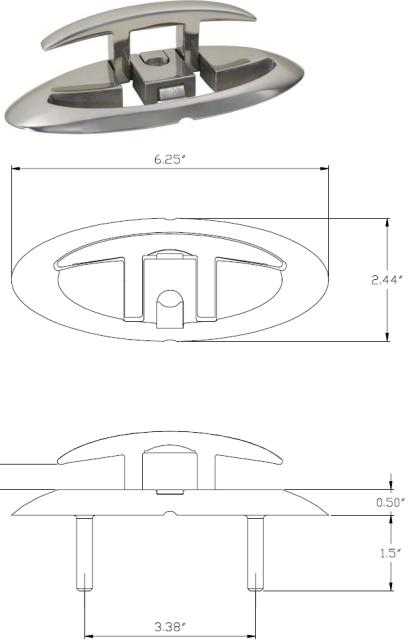
**Stud mount folding cleat**

- #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

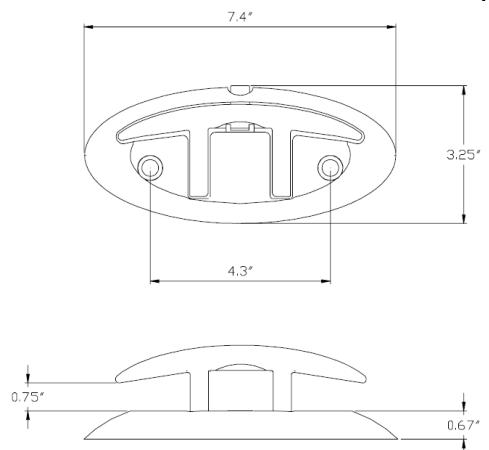
Drawings Please See Page 9-2-6



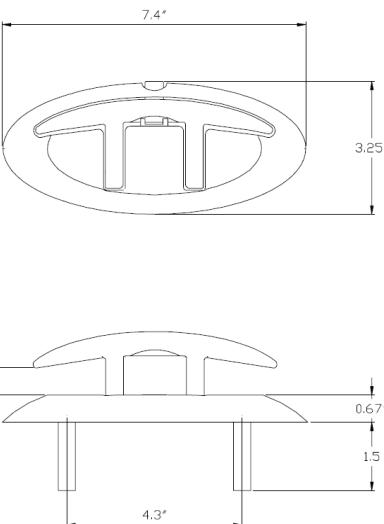
#93.450 Oval fold down cleat 4.5 inch Top Mount



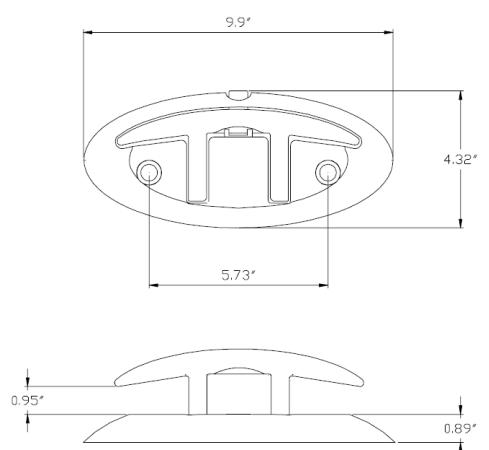
#93.454 Oval fold down cleat 4.5 inch Stud Mount



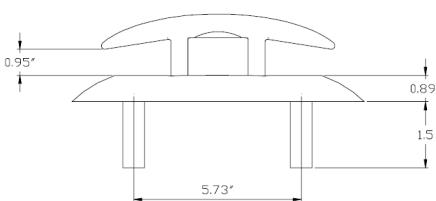
#93.603 Oval fold down cleat 6 inch Top Mount



#93.604 Oval fold down cleat 6 inch Stud Mount

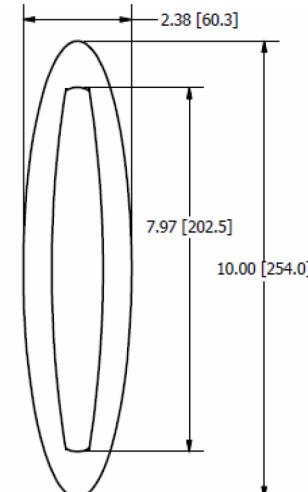
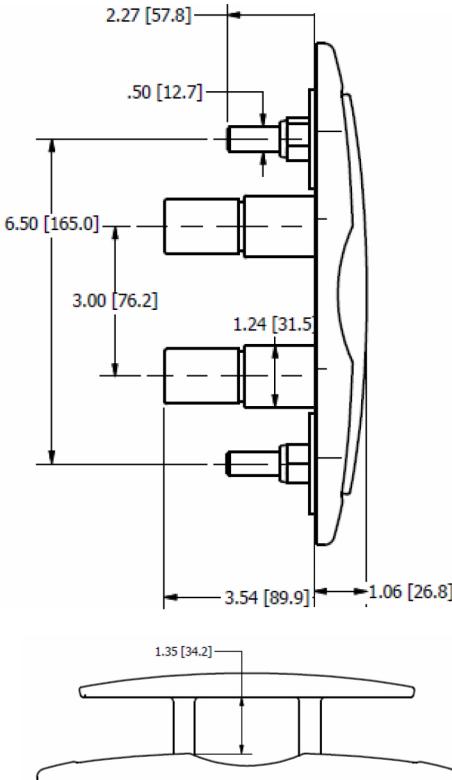


#93.803 Oval fold down cleat 8 inch Top Mount

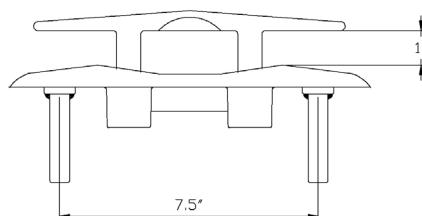
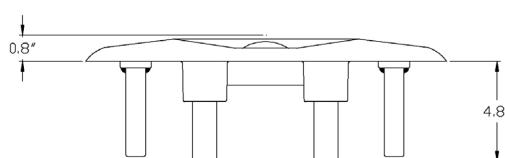
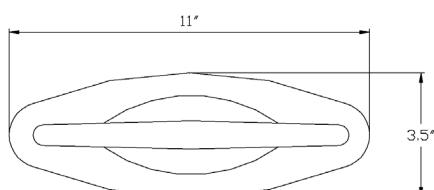


#93.804 Oval fold down cleat 8 inch Stud Mount

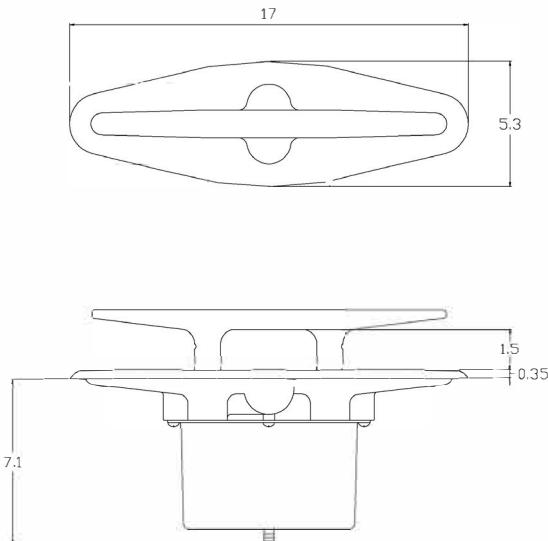
## Pop Up Cleats



**#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.

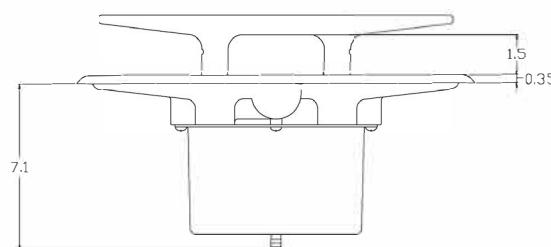
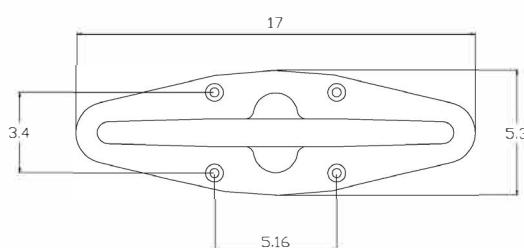


**#93.305 Pop up Cleat;** Foot print: 11 inch x 3.5 inch. (Wide line 305).  
Spring Loaded. Pops up by pushing button.  
Finish: Polished Stainless Steel;

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

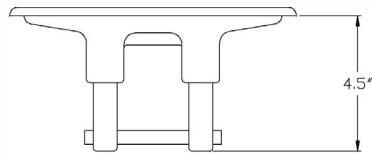
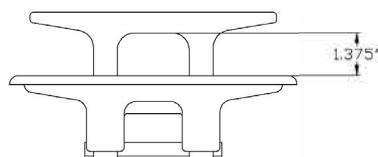
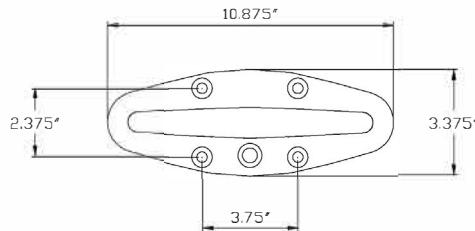
Foot print: 17 inch x 3.4 inch. .

Finish: Polished Stainless Steel;

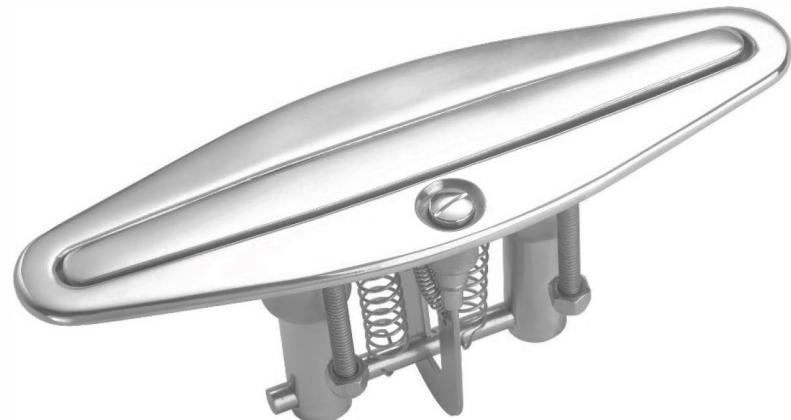
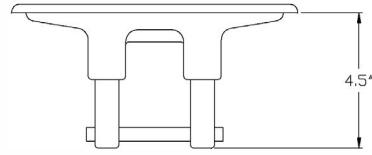
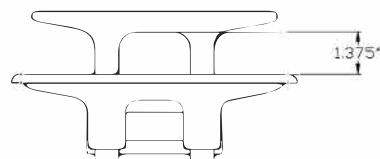
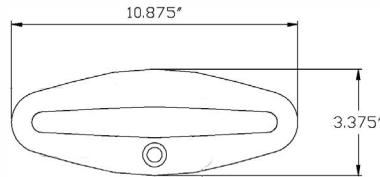
**93.103T 15 inch Pull up Cleat; Top Mounted with visible screws**

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)