

A glowing brass lantern with a spherical glass globe and a tiered top, mounted on a dark, textured post. The lantern is illuminated from within, casting a warm orange glow. The background is a deep, textured blue. A thick, braided rope runs horizontally across the middle of the image, attached to the post. The overall style is that of a classic catalog cover.

**PERKO**

1970  
CATALOG  
NO. 210

The industry's most complete line of marine lights, hardware and accessories



## FOREWORD AND GENERAL INFORMATION

This catalog has been arranged for convenient reference by grouping the material according to its application in the marine field.

You will find illustrated herein a number of new items added to our fast growing line, indicating constant attention to changes in the marine field, our determination to keep abreast of the times and to retain the ability to supply the most desirable and modern equipment.

Of course we continue our strictest rules of adherence to highest quality and finish, fastest possible delivery and cooperation with our numerous friends and customers throughout the world.

Our products are sold only through marine supply jobbers and dealers, but we will gladly assist the boat-owner when he has need for same.

## PRICES AND TERMS

Our costs are subject to change due to causes beyond our control. The prices listed herein are only intended for guidance of our jobbers and do not necessarily establish resale prices. Applicable governmental regulations, shipping costs and other complications should be considered in arriving at a fair price. All prices are subject to change without notice and are F.O.B. Miami, Florida, unless quoted otherwise. Terms are 30 days net; 2% if payment is sent 10 days from date of invoice.

We assume no responsibility or liability for any loss, damage or delay caused by strikes, fire, acts of God, or for any other cause which is unavoidable or beyond our reasonable control.

## GUARANTEE

Every item bearing our trade-mark is guaranteed against defects at time of shipment. In case of defects, adjustments will gladly be made, provided the material is returned to our factory and repairs have not been attempted by other than our own workmen.

## DESIGNS

For the purpose of constant improvement in our products, the designs and specifications are subject to change without notice.

## RETURN GOODS

Material made to order is not returnable. Stock material is only returnable when permission has been granted by us, and is subject to a handling and refinishing charge. Shipping charges must be prepaid. Be sure to give date and number of invoice. Permission must be requested within 30 days after receipt of material.

## WEIGHTS

The weights given in this catalog are not guaranteed, but have been carefully determined and should be sufficient for general purposes.

## RATING

Orders from firms unknown to us and having no satisfactory commercial credit rating must be accompanied by cash or satisfactory references. C.O.D. shipments will be made if a 25% deposit is sent with order.

## SHIPPING INSTRUCTIONS

Customers should send specific shipping instructions, if this is not done, we will use our own judgment in selecting route.

After delivery of goods to Carrier, we assume no responsibility for delay, loss or damage, same being beyond our control. We will, however, assist in tracing shipments upon request.

## COPYRIGHT

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**CATALOG NO. 210**

**1970**

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# perkins marine

**lamp and hardware  
corporation** (ESTABLISHED 1907 —  
INCORPORATED 1917)

**Factory and Main Office**  
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Miami, Florida • 33164

**Telephone**  
Area Code 305 — 621-7525

**Cable Address**  
"PERKO" Northmiamiflorida

*Manufacturers of SHIP AND BOAT EQUIPMENT*  
**NAVIGATION LIGHTS**  
**MARINE HARDWARE FOR ALL SIZES AND TYPES OF VESSELS**



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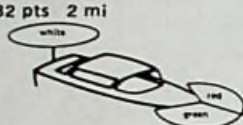



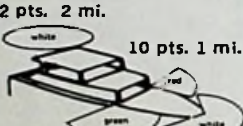
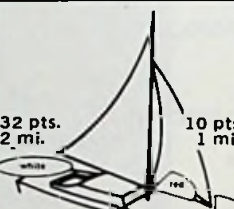
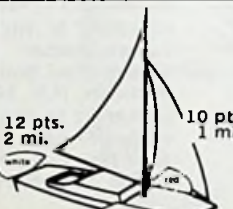
New York City, Long Island, N.Y.  
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# HIGHLIGHTS OF THE LAW AND REGULATIONS CG-290 JANUARY 1968

<p><b>LIGHTS REQUIRED ON BOATS UNDERWAY BETWEEN SUNSET AND SUNRISE</b></p> <p><b>POWER BOATS</b> Under 65 feet and all Sailing Vessels at anchor must display anchor lights except those under 65 feet in "special anchorage area"</p>	<p><b>ROWING BOATS</b> Rowing boats, whether under oars or sail, shall have ready at hand a lantern showing a white light which shall be temporarily exhibited in sufficient time to prevent collision</p>		
			

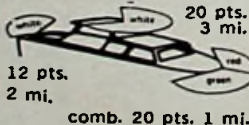
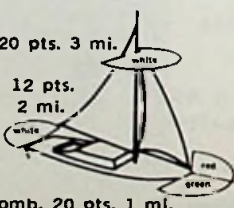
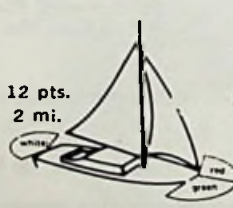

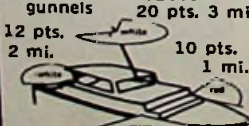
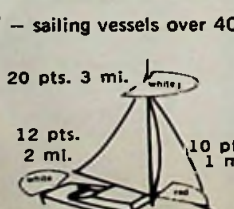
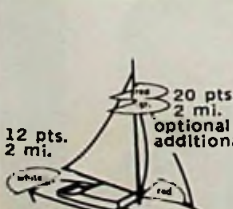

**MOTORBOAT ACT (Act of April 25, 1940).—**

used where Inland, Western Rivers and Great Lakes Rules apply

POWER ALONE	SAIL and POWER	AUXILIARY: SAIL ALONE*	SAILBOATS
<p>under 26' in length</p> <p>32 pts. 2 mi.  comb. 20 pts. 1 mi.</p>	<p> 32 pts. 2 mi. comb. 20 pts. 1 mi.</p>	<p> 12 pts. 2 mi. comb. 20 pts. 1 mi.</p>	<p> 12 pts. 2 mi. 10 pts. 2 mi. - Sidelights</p>
<p>26' to 65' in length †</p> <p>32 pts. 2 mi.  10 pts. 1 mi. 20 pts. 2 mi.</p>	<p> 32 pts. 2 mi. 10 pts. 1 mi. 10 pts. 1 mi. 20 pts. 2 mi.</p>	<p> 12 pts. 2 mi. 10 pts. 1 mi. 10 pts. 1 mi.</p>	<p>*Stern light not required for vessels under sail alone on Great Lakes</p> <p>Manually propelled vessels shall have a white light ready to be temporarily exhibited in time to prevent collision.</p>

**INTERNATIONAL RULES.— (Act of Sept. 1, 1965)**

required on high seas, may be used inland

POWER ALONE	SAIL and POWER	AUXILIARY: SAIL ALONE*	SAILBOATS
<p>†less than 40' in length †</p> <p>carried 3 ft. higher than colored lights  20 pts. 3 mi. 12 pts. 2 mi. comb. 20 pts. 1 mi. or 10 pt. separate sidelights</p>	<p> 20 pts. 3 mi. 12 pts. 2 mi. comb. 20 pts. 1 mi. or 10 pt. separate sidelights</p>	<p> 12 pts. 2 mi. comb. 20 pts. 1 mi.</p>	<p>OR</p> <p> 12 pts. 2 mi. 10 pts. 2 mi.</p>
<p>power — 40' but less than 65' — sailing vessels over 40'</p> <p>located 9 ft. above gunnels  12 pts. 2 mi. 20 pts. 3 mi. 10 pts. 1 mi. 10 pts. 1 mi. or 20 pt. comb.</p>	<p> 20 pts. 3 mi. 12 pts. 2 mi. 10 pts. 1 mi. 10 pts. 1 mi. or 20 pt. comb.</p>	<p> 12 pts. 2 mi. 20 pts. 2 mi. optional &amp; additional 10 pts. 2 mi. 3 ft. screen on sidelights</p>	<p> Red over Green 20 pt. 2 mi. for masthead optional for all sailboats</p>

# EQUIPMENT REQUIREMENTS

## FROM U.S. COAST GUARD (CG-290) DATED JANUARY 1968

### MEASURING FOR "CLASS"

For determining "class" the length of a boat is the distance measured from end to end over the deck excluding sheer. It means a straight line measurement of the overall length from the foremost part of the vessel to the aftermost part of the vessel, measured parallel to the centerline. Bowsprits, bumpkins, rud-

ders, outboard motors and brackets, and similar fittings or attachments are not to be included in the measurement.

For additional information see "Recreation Boating Guide" (CG-340) or inquire at any Coast Guard Marine Inspection office.

### Minimum Required Equipment

EQUIPMENT	CLASS A (Less than 16 feet)	CLASS 1 (16 feet to less than 26 feet)	CLASS 2 (26 feet to less than 40 feet)	CLASS 3 (40 feet to not more than 65 feet)
BACK-FIRE FLAME ARRESTOR	One approved device on each carburetor of all gasoline engines installed after April 25, 1940, except outboard motors.			
VENTILATION	At least two ventilator ducts fitted with cowls or their equivalent for the purpose of properly and efficiently ventilating the bilges of every engine and fuel-tank compartment of boats constructed or decked over after April 25, 1940, using gasoline or other fuel of a flashpoint less than 110° F.			
BELL	None.*	None.*	One, which when struck, produces a clear, bell-like tone of full round characteristics.	
LIFESAVING	One approved life preserver, buoyant vest, ring buoy, special purpose water safety buoyant device, or buoyant cushion for each person on board or being towed on water skis, etc.		One approved life preserver or ring buoy for each person on board.	
WHISTLE	None.*	One hand, mouth, or power operated, audible at least 1/2 mile.	One hand or power operated, audible at least 1 mile.	One power operated, audible at least 1 mile.
FIRE EXTINGUISHER - PORTABLE	At least One B-1 type approved hand portable fire extinguisher. (Not required on outboard motorboat less than 26 feet in length and not carrying passengers for hire if the construction of such motorboats will not permit the entrapment of explosive or flammable gases or vapors.)			
When NO fixed fire extinguishing system is installed in machinery space(s).			At least Two B-1 type approved hand portable fire extinguishers; OR At least One B-11 type, approved hand portable fire extinguisher.	At least Three B-1 type approved hand portable fire extinguishers; OR At least One B-1 type Plus One B-11 type approved hand portable fire extinguisher.
When fixed fire extinguishing system is installed in machinery space(s).	None.	None.	At least One B-1 type approved hand portable fire extinguisher.	At least Two B-1 type approved hand portable fire extinguishers; OR At least One B-11 type approved hand portable fire extinguisher.

Fire extinguishers manufactured after 1 January 1965 will be marked, "Marine Type USCG  
Type            Size            Approval No. 162-028 . . ."

\*NOTE.—Not required by the Motorboat Act of 1940; however, the "Rules of the Road" require these Vessels to sound proper signals.

\*\*NOTE.—Toxic vaporizing-liquid type fire extinguishers, such as those containing carbon tetrachloride or chlorobromomethane, are not accepted as required approved extinguishers on uninspected vessels (private pleasure craft).



## INDEX FOR STANDARD PACKAGES

NOTE - By Ordering In Units of Standard Packages,  
Your Orders Could Be Filled and Shipped Much Faster.

FIG. NO.	SIZE	PAGE	STANDARD PACKAGE
24		46	10
27		57	10
28		57	10
33		57	10
34		57	10
<hr/>			
36		57	10
43	#1 thru #7	129	10
51		129	10
52		46	10
60		131	100*
<hr/>			
61		131	100*
62		131	100*
66		86	5
86		86	5
90		131	100*
<hr/>			
95	#0 & #1	128	10
100		129	10
101		129	10
105		50	10
114		131	100*
<hr/>			
115		131	100*
116		131	100*
117		131	100*
118		131	100*
119	4", 5", 6"	108	5
<hr/>			
120		146	5 pr.
121		47	100*
122		146	5 pr.
124		76	5
148		110	5 sets
<hr/>			
149		149	5
155		123	10
156		131	100*
162		88	1 doz.
163		47	100*
<hr/>			
164		47	100*
165		47	100*
167		88	1 doz.
178		141	25
184		55	10

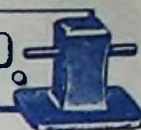
FIG. NO.	SIZE	PAGE	STANDARD PACKAGE
196		47	100*
197		147	5 pr.
211		150	10
212		150	10
218		124	5
<hr/>			
219		124	5
220		124	5
221		124	5
233		118	10 pr.
234		9	10
<hr/>			
235		9	10
236	#1	113	10
236	#3 & #4	113	5
237	#1, #2, #3	112	10
237	#4	112	5
<hr/>			
238		112	10
239		112	10
243		150	10
244		104	10
247		104	10
<hr/>			
252	#1 thru #7	104	10
252	#8 & #9	104	5
253		104	5
254		105	5
255		51	10
<hr/>			
258		150	10
263		76	5
266		76	5
271		149	10 pr.
275		54	10
<hr/>			
295		95	10
298		95	10
304		51	5
307		137	1 doz.
310		51	10
<hr/>			
315		71	10
316		51	10
321		50	10
323		71	5
324		71	5

\*Minimum Quantity





# PERKINS MARINE LAMP & HARDWARE CORP.



## INDEX FOR STANDARD PACKAGES

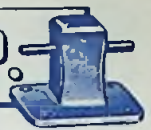
FIG. NO.	SIZE	PAGE	STANDARD PACKAGE
325		133	10 sets
326		74	12
328		95	10
330		72	10
334		73	10
<hr/>			
335		73	10
336		73	10
338		71	5
339		71	5
342		76	5 pr.
<hr/>			
343		124	5
344		111	5
345		105	5
346		46	5
349		88	1 doz.
<hr/>			
358		126	20
363		76	5
366		50	10
381		50	10
395		130	10
<hr/>			
396		135	10
398		135	10
405		45	5
407	#2	104	10
407	#2A & #3	104	5
<hr/>			
411		137	1 doz.
414		76	10
414-A		76	10
423		113	5
424		54	10
<hr/>			
435		87	10
447		113	5
454		154	6
468		154	6
469		154	10
<hr/>			
472		45	10
476		154	3 kits*
490		49	10
492		105	10 pr.
495		5	10
<hr/>			
502		105	10 pr.
503		102	5
505		102	5
506		102	10
509		102	10

FIG. NO.	SIZE	PAGE	STANDARD PACKAGE
515		102	10
519		47	1 doz.
520		101	5
525		105	10
526	1½", 2"	100	5
<hr/>			
526	Balance	100	1
528	¾" thru 2"	100	5
528	2½", 3"	100	1
531		49	10
544-A		107	10
<hr/>			
546		108	5 pr.
550		72	10
554		141	25
556		149	5 pr.
559		141	25
<hr/>			
562		127	50
564		128	25
565		128	25
566	2", 3", 4½"	106	10
566	6", 7½"	106	5
<hr/>			
572	4½"	107	10
572	5½", 6½", 8"	107	5
574		140	5
575		143	5
576		141	10
<hr/>			
577		141	10
578		130	10 pr.
606	#1 & #1½	132	10
606	#2	132	5
610		145	20
<hr/>			
611		128	25
612	#1 & #2	132	24
612	#3 thru #6	132	12
613	#1 & #2	132	24
613	#3 thru #5	132	12
<hr/>			
626		48	5
627		48	5
629		48	5
634		128	25
635		145	10
<hr/>			
647		48	5
659		132	25
669		111	5 sets
679		95	10
688		50	10

\*Minimum Quantity



# PERKINS MARINE LAMP & HARDWARE CORP.



## INDEX FOR STANDARD PACKAGES

FIG. NO.	SIZE	PAGE	STANDARD PACKAGE
692		95	10
693		89	10
694		48	5
697		123	10
704		77	5
<hr/>			
705		77	5
709		77	5
714		76	5
719		144	10
721		77	5
<hr/>			
722		77	5
729		76	5
732-SS		126	10
732 Cad.		126	25
737		76	5
<hr/>			
747		46	10
749		45	10
751		45	10
754		126	25
765		106	10
<hr/>			
766		106	5
767		108	10 pr.
768		148	10 pr.
769		123	10
770		144	10
<hr/>			
772		148	10 pr.
775		115	10
776		143	5
786		54	10
789		70	See page
<hr/>			
808		147	5 pr.
826		100	5
827		100	10
841		143	10
842		132	50
<hr/>			
850		106	10
851		106	10
852		108	10 pr.
854		115	10
861		124	5
<hr/>			
863		124	5
881	#0 & #1	127	50
881	#2	127	25
882	#1	127	25
882	#2	127	10

FIG. NO.	SIZE	PAGE	STANDARD PACKAGE
896		131	100*
898		131	100*
900		131	100*
901		131	100*
906		131	100*
<hr/>			
907		131	100*
917		131	100*
924		148	5 pr.
925		145	10
929		148	20 pr.
<hr/>			
931		71	2
933		134	5 sets
934		144	10
935		144	10
937		144	10
<hr/>			
947		140	5
948		139	10
949		139	10
950		148	5 pr.
951-PC		147	5 pr.
<hr/>			
951-SC		148	5 pr.
952		146	5 pr.
954		144	10
956		140	10
957		140	5
<hr/>			
958		145	10
959		145	10
961		96	10
967		123	10
973		119	5
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975		145	10
977		119	5
978		139	10
979		149	10
981		119	5
<hr/>			
987		147	5 pr.
988		147	5 pr.
989		119	5
990		119	5
991		130	100*
<hr/>			
992		119	5
993		119	5
994		130	100*
995		130	100*
996		130	100*

\*Minimum Quantity



# PERKINS MARINE LAMP & HARDWARE CORP.



## INDEX FOR STANDARD PACKAGES

FIG. NO.	SIZE	PAGE	STANDARD PACKAGE
997		130	100*
998		149	10
999		147	5 pr.
1017		105	5
1041		132	50
<hr/>			
1042		132	50
1043	#0 & #1	114	10
1043	#2	114	5
1051		142	10
1053		140	5
<hr/>			
1056		141	25
1058		148	20 pr.
1062		72	5
1063		142	5
1064		142	5
<hr/>			
1065		141	10
1069		72	5
1101		139	10
1102		139	10
1103		143	5
<hr/>			
1105		139	10
1006		145	10
1108		142	5
1110		145	10
1112		142	5
<hr/>			
1113		142	5
1131		54	10
1132		54	10
1177		141	10
1188		107	10
<hr/>			
1189		54	10
1190		54	10
1191		54	10
1198		149	10
1199		140	20
<hr/>			
1200		106	10
1204		106	10
1207		120	10
1208		120	10
1216		142	10
<hr/>			
1216-B		142	10
1220		143	5
1221		115	10
1222		115	10
1223		108	10 pr.
<hr/>			
1224		114	20
1225	#0 & #1	114	10
1225	#2	114	5
1226		126	50
1227		116	10 pr.

FIG. NO.	SIZE	PAGE	STANDARD PACKAGE
1228		116	10 pr.
1229		115	10
1230		5	10
1231		115	10
1232		112	10
<hr/>			
1234		115	10
1235		112	10
1238		72	10
1239		5	10
1240		109	10 pr.
<hr/>			
1241		128	25
1242		127	50
1243		125	10
1244		115	5
1245		101	5
<hr/>			
1246		110	20
1247		123	10
1249		130	50
1250	3" & 4½"	106	10
1250	6"	106	5
<hr/>			
1253		108	10 pr.
1255	#1	128	25
1255	#2	128	10
1256		125	25
1257		108	10 pr.
<hr/>			
1261		125	25
1262		116	10 pr.
1263		116	10 pr.
1267		117	10 pr.
1268		117	10 pr.
<hr/>			
1269		117	10 pr.
1271		72	10 pr.
1275		102	10
1277		128	25
1285		116	10 pr.
<hr/>			
1286		116	10 pr.
1287		140	20
1288		128	25
1289		132	25
1292		108	10 pr.
<hr/>			
1293		146	5 pr.
1296		128	25
1297		128	10
<hr/>			
1298		120	10
1299		110	10
6400		103	10

\*Minimum Quantity



## COMBINATION BOW LIGHTS

Zamak Die Castings — Chromium Plated  
 Red and Green Fresnel Lenses  
 New Delrin Non-Corrosive D. C. Electric Socket  
 Complete with 12 Volt 6 C. P. Bulb  
 Wired Ready For Splicing

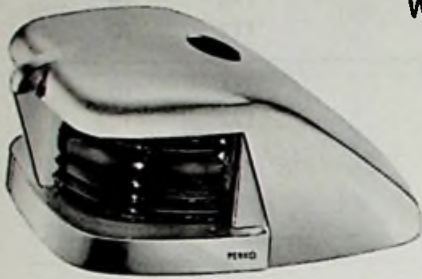


Fig. 1215

### THE "FUTURA"—Fig. 1215

Smooth Attractive Styling Compatible With Our Deck Ventilators — Figs. 866,867, etc.  
 Invisible Mounting Holes in Base,  
 Assembled With One Bolt Inside Staff Socket.

Each	Height Inches	Width Inches	Length Inches	Staff Socket Inches	Weight Pounds
\$7.50	2-3/8	3-3/4	5-1/2	3/4	1-1/4

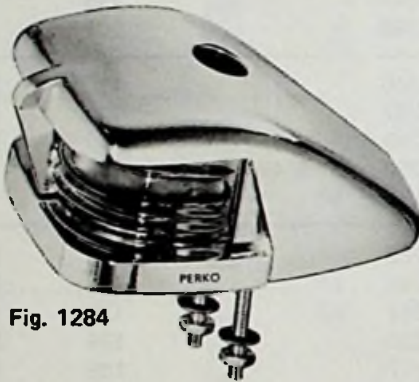


Fig. 1284

### THE "FUTURA"—STUDED—Fig. 1284

With two 12-24 Studs Projecting 2 Inches  
 Complete With Washers and Hex. Nuts.

Each	Height Inches	Width Inches	Length Inches	Staff Socket Inches	Weight Pounds
\$8.00	2-3/8	3-3/4	5-1/2	3/4	1-5/16

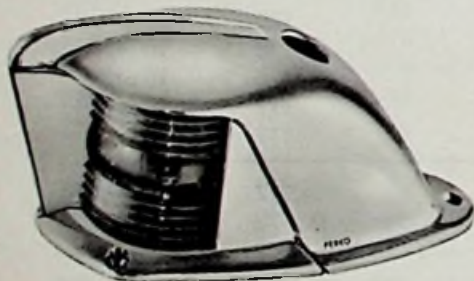


Fig. 1217

### THE "HEFTY"—Fig. 1217

A Hefty Light For a Sturdy Boat — They Go Together.

Each	Height Inches	Width Inches	Length Inches	Staff Socket Inches	Weight Pounds
\$7.50	3-3/8	3-5/8	6-3/4	3/4	1-3/8



Fig. 1260

### THE "ROCKET"—Fig. 1260

Always a Popular Light With That Clean Forward Look. Invisible Mounting Holes.

Each	Height Inches	Length Overall Inches	Height Lens Inches	Flagpole Socket Inches	Weight Pounds
\$7.75	2-3/8	9-3/4	1-1/2	3/4	1-3/8

### SPARE PARTS FOR PAGE

Spare lenses \$.95 each.  
 Spare Delrin Sockets Fig. 24, \$.65 each.  
 Spare bulbs, see Fig. 337 No. 11 \$.28 each.  
 Flag Staffs, for Figs. 1215, 1217, 1284 see Fig. 1230. \$3.20 each.  
 Flag Staff for Fig. 1260 see Fig. 1239, \$3.60 each.



## COMBINATION BOW LIGHTS

Zamak Die Castings — Chromium Plated — Red and Green Fresnel Lenses — New Delrin Non Corrosive D.C. Electric Socket — Complete with 12 Volt 6 C.P. Bulb — Wired Ready for Splicing

### THE "RANGER"—Fig. 1218

Always a popular light for small boats, it has a top rebulbing feature.

Each	Height Inches	Size Base Inches	Height Lens Inches	Staff Socket Inches	Weight Pounds
\$6.85	3-3/8	6-1/4x3-7/8	2-1/2	3/4	3/4



Fig. 1218 "RANGER"



### THE "GUIDE"—Fig. 1202

Has invisible mounting holes in base. Light quickly assembled with one bolt inside staff socket.

Each	Height Inches	Width Inches	Length Inches	Staff Socket Inches	Weight Pounds
\$8.75	2-3/4	7-1/2	5	3/4	1-5/8



Fig. 1202 Without Base Flange



### THE "GUIDE"—Fig. 1203

Complete with base flange for quick mounting. 3 screw holes. Designed with wide contours for modern broad decked boats.

Each	Height Inches	Width Inches	Length Inches	Staff Socket Inches	Weight Pounds
\$9.60	3	7-1/2	5-3/4	3/4	1-3/4

Price does not include flag staff, see Fig. 1239.



Side View



### SPARE PARTS FOR PAGE

- Spare Lenses \$.95 each.
- Spare Delrin Sockets, Fig. 24, \$.65 each.
- Spare Bulbs, see Fig. 337 No. 11, \$.28 each.
- Flag Staff for Fig. 1218, see Fig. 1230, \$3.20 each.
- Flag Staff for Figs. 1202 and 1203, see Fig. 1239, \$3.60 each.
- Spare rebulbing feature for Fig. 1218, consisting of plate and D. C. Socket, \$1.75 each.



Front View

Fig. 1203 With Base Flange

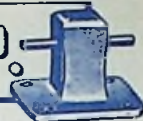


Fig. 1146  
"LITTLE JOE"

### "LITTLE JOE" COMBINATION BOW LIGHT—Fig. 1146

Zamak Die Casting — Chromium Plated — With 12 Volt, 6 C.P. Bulb

Each	Height Inches	Base Inches	Height Lens Inches	Staff Socket Inches	Weight Ounces
\$5.45	2-1/4	4-3/8x2-3/8	1-7/8	1/2	7

Spare miniature bayonet socket, \$.65 each.

Spare lenses, \$.95 each.

Spare bulbs, see Fig. 56 No. 4, \$.50 each.

Flag staff, see Fig. 495. Size No. 1



Fig. 1160  
"SALTY"

### "SALTY" COMBINATION BOW LIGHT—Fig. 1160

All Brass — Chromium Plated — With 12 Volt, 6 C.P. Bulb  
Red and Green Fresnel Lenses. Double Contact Electric Socket.

The Flag Staff Socket is removable to permit quick rebulbing

Each	Height Inches	Length Base Inches	Width Base Inches	Height Lens Inches	Weight Pounds
\$12.50	3	8	4-3/4	2-1/2	5/8

Spare lenses, \$.95 each.

Spare electric socket, \$.95 each.



Fig. 1236

### COMBINATION BOW LIGHT—Fig. 1236

Zamak Die Casting — Chromium Plated — Self Contained Battery Type — with Flag Pole Socket and Switch — For Single Cell Flashlight Battery

With red and green fresnel lenses, miniature socket and bulb. Battery not included. Alkaline batteries are recommended for longer life.

Each	Height Inches	Size Base Inches	Height Lens Inches	Staff Socket Inches	Weight Pounds
\$10.25	3-1/2	6-1/4x3-7/8	2-1/2	3/4	1-1/8

Spare lenses, \$.95 each.

Spare bulb, see Fig. 56, 1.3 volts, \$.38 each.



Fig. 1144

### COMBINATION BOW LIGHT FOR SAIL BOATS—Fig. 1144

Wrought Brass — Electric

For mounting on forward part of mast. Complete with red and green fresnel lenses and double contact electric socket.

Chromium Plated Each	Height Overall Inches	Diam. Body Inches	Height Lens Inches	Weight Pounds
\$11.00	4-3/4	2-3/4	2-1/2	3/8

Spare lenses, \$.95 each.

Spare electric socket, \$1.10 each.



**FLAG STAFF—Fig. 1239**

Zamak Die Casting – Chromium Plated

Attractive structural design adds a great deal of class to the bowlight.

Has neoprene "O" ring for firm grip in staff socket.

Each	Length Overall Inches	Diameter of Base Inches	Weight Ounces
\$3.60	12	3/4	10

Standard package 10 pieces.



**FLAG STAFF—Fig. 1230**

Ultra Modern Dynaform Taper Design Zamak Die Cast Chromium Plated

Neoprene Rubber "O" Ring in base for holding in Flag Pole socket.

Each	Length Overall Inches	Diameter Base Inches	Weight Ounces
\$3.20	14	3/4	8

Standard package 10 pieces



**FLAG STAFF—Fig. 495**

Brass – Chromium Plated

With eyes for flag halyard. Sizes No. 2 and 3 have rubber "O" ring for firm fit in socket.

No.	Each	Length Inches	Diam. Base Inches	Weight Ounces
1	\$4.40	14	1/2	2
2	5.00	14	3/4	3
3	5.30	18	3/4	6

Standard package 10 pieces.



**WOOD FLAG STAFF—Fig. 496**

Solid Mahogany – Varnished

No.	Each	Length Overall Inches	Diam. Base Inches	Weight Ounces
2	\$4.20	14	3/4	2-1/2
3	4.60	18	3/4	3-1/2
4	5.35	18	1	5
5	5.75	24	1	6
6	8.75	30	1-1/4	9-1/2
7	10.60	36	1-1/4	14
8	14.00	48	1-1/4	27

With brass ferrule, add \$1.00 each.  
With chromium ferrule, add \$1.30 each.



**STERN FLAG STAFF—Fig. 580**

Brass – Chromium Plated with Walnut Ball

Complete with base and spring operated button for quick detachment from base.

No.	Each	Length Overall Inches	Diameter Pole Inches	Dimensions Base Inches	Weight Pounds
2	\$10.25	24	3/4	3-3/8x2-1/4	3/4
3	10.75	30	3/4	3-3/8x2-1/4	7/8



Fig. 1239



Fig. 1230



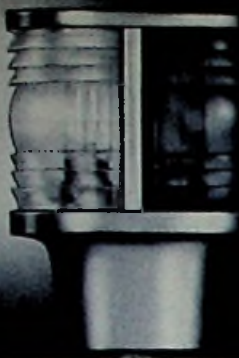
Fig. 495



Fig. 496



Fig. 580



As a 20 point Bow Light

## COMBINATION BOW

Here's a dual purpose fitting designed with a compartmented globe section each of which contains a bulb. When the forward compartment is illuminated, the light serves as a bow light which easily meets the requirements for a 20 point light mounted at least 3' above the colored side or combination light. When both compartments are illuminated, it serves as a 32 point anchor light visible all round the horizon.

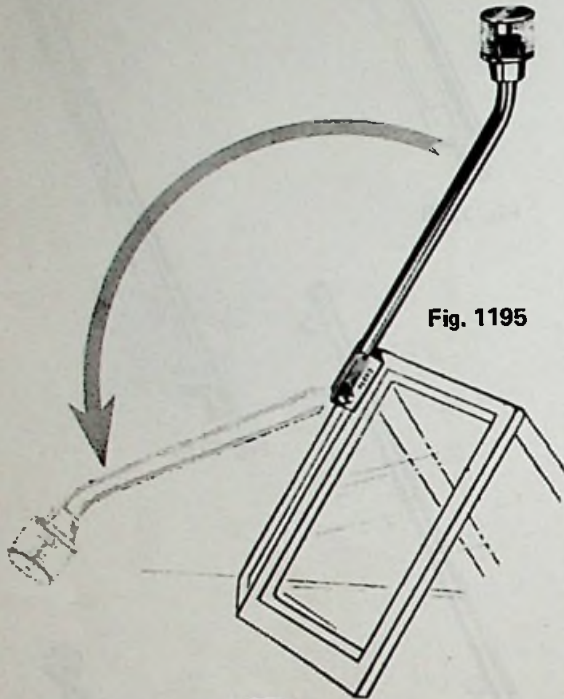


Fig. 1195

### FOLD DOWN ASSEMBLY – Fig. 1195

For Windshield Mounting – Brass Pole – Chromium Plated – Stainless Steel Mounting Bracket – Complete with 2 Bulbs, 12 volt.

Each	Length Overall Inches	Mounting Bracket Inches	Diameter Tubing Inches	Weight Pounds
\$19.75	20	1-11/16 x 3	3/4	7/8

Glare Shield for above, see Fig. 1192.



### PULL-APART ASSEMBLY – Fig. 1193

For Windshield Mounting – Brass Pole – Chromium Plated – Stainless Steel Mounting Brackets – Cap for Lower Section – Complete with 2 Bulbs, 12 Volt.

Electric connectors are inside tubing.  
Contact is made when upper section is mounted.

No.	Length Overall Inches	Each	Height Bottom Section Inches	Width Brackets Inches	Diameter Tubing Inches	Weight Pounds
2	24	\$22.00	16	1	3/4	1-1/4
3	30	22.95	16	1	3/4	1-1/2

Glare Shield for above, see Fig. 1192.



### FIXED ASSEMBLY – Fig. 1194

For Windshield Mounting – Brass Pole – Chromium Plated – Stainless Steel Mounting Brackets – Wires May be Through Side or Out Bottom of Tubing – Complete with 2 Bulbs, 12 Volts

No.	Length Overall Inches	Each	Width Brackets Inches	Diameter Tubing Inches	Weight Pounds
2	24	\$17.25	1	3/4	1
3	30	18.20	1	3/4	1-1/8

Glare Shield for above, see Fig. 1192.



### FIXED ASSEMBLY – Fig. 1196

For Hard Top Mounting – Brass Pole – Chromium Plated – Complete with 2 Bulbs, 12 Volt

No.	Each	Height Overall Inches	Size Base Inches	Weight Pounds
1	\$10.15	6	3 x 2	3/4
2	11.10	12	3 x 2	1

ELECTRIC LAMP FOR ALL ABOVE SEE FIG. 56 NO.4

LENGTHS OTHER THAN ABOVE, SUPPLIED TO ORDER ONLY, PRICE AND DELIVERY ON APPLICATION, IN MANUFACTURING QUANTITY.

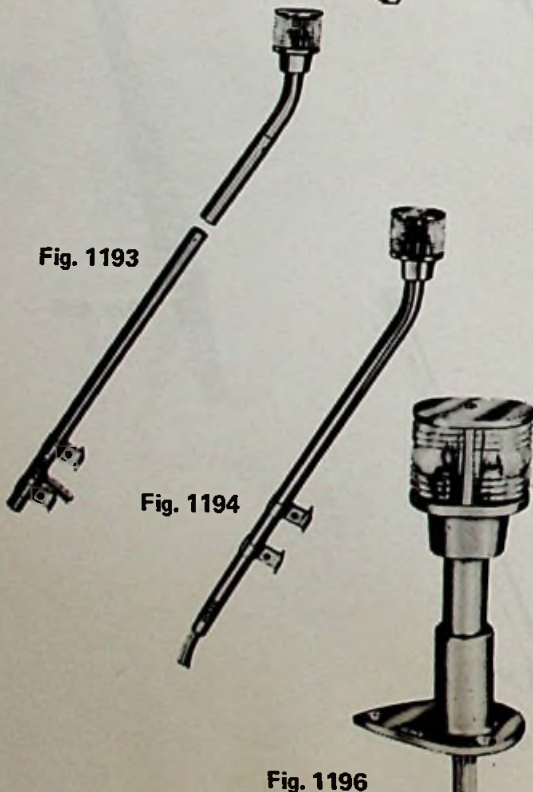


Fig. 1193

Fig. 1194

Fig. 1196



# AND ANCHOR LIGHTS

This unit saves time and money for builders and do-it-yourself owners. The light is completely wired and color coded for three position switch. Bulbs are 12 volt miniature bayonet type readily obtainable at auto and marine supply stores.

This combination bow and anchor light feature can be supplied immediately in the products appearing below. Other assemblies to meet specific requirements can be made to order.

Patent No. 3344264

As a 32 Point Anchor Light



## IMPROVED FOLD DOWN VARIABLE ANGLE ASSEMBLY – Figs. 1181, 1182 & 1184

For Windshield Mounting – Chromium Plated – Complete with Two 12 Volt Bulbs

This light can be adjusted to suit any probable angle of windshield or top. Bracket is serrated to hold desired angle.

Complete Each	Brackets Only Each	Height Overall Inches	Diameter Tubing Inches	Weight Ounces
\$12.95	\$1.35	13-1/2	3/4	13

Fig. 1181 for flat windshield or horizontal frame, dimensions, Width (A), 2" – Height (B), 5/8".

Fig. 1182 for V-type windshield. Dimensions, Width (A), 2" – Height (B), 5/8".

Fig. 1184 for flat or V-type center posts of windshield, dimensions, Width (A), 5/8" – Height (B), 2-1/4".



Fig. 1181



Fig. 1182



Fig. 1184

## MAST ASSEMBLY – Fig. 1183

With Round Flange Mounting Base – Chromium Plated – Complete with Two 12 Volt Bulbs

Each	Height Inches	Diameter Base Inches	Weight Ounces
\$8.60	2-3/4	1-15/16	8



Fig. 1183

## MAST ASSEMBLY – Fig. 1197

For Mounting Into Masthead or Over a Staff – Brass Mounting Tube – Chromium Plated – Complete with Two 12 Volt Bulbs

Each	Height Overall Inches	O.D. Tubing Inches	Length Tubing Inches	Weight Ounces
\$6.60	3-1/2	3/4	1	6



Fig. 1197

## GLARE SHIELD – Fig. 1192

For Combination Bow and Anchor Lights – 18-8 Stainless Steel

Supplied with 2 stainless steel self tapping screws. Bottom of light is pre-drilled for easy installation of shield.

Each	Dimensions Inches	Weight Ounces
\$1.35	4-5/8 x 3-3/8	1-1/4

NOTE—This shield cannot be supplied with Figs. 1183 and 1196 except in manufacturing quantities.



Fig. 1192

Spare lenses for all above lights, \$.60 each.  
Spare Electric Sockets, Miniature Bayonet, \$.95 each.  
Three Position Switches, see Fig. 366.

## IMPROVED STERN POLE LIGHTS FOR DECK MOUNTING

TO COMPLY WITH INLAND RULES ON "WHITE LIGHT AFT"

HIGH INTENSITY FRESNEL GLOBES, ALL BRASS 3/4" DIAMETER POLE, CAST METAL BASE AND GLOBE HOLDER ALL DUAL CHROMIUM PLATED.\* NEW DELRIN NON-CORROSIVE D.C. ELECTRIC SOCKET. WITH 12 VOLT, 6 C.P. BULB - WIRED.

FIGS. 1233 and 1294

Bases and Globe Holders are Zamak Die Castings

Fig. 1233 Base, Length 3-3/4", Width 2-1/8"

Fig. 1294 Base, Length 3-3/4", Width 1-5/8"



Fig. 1233

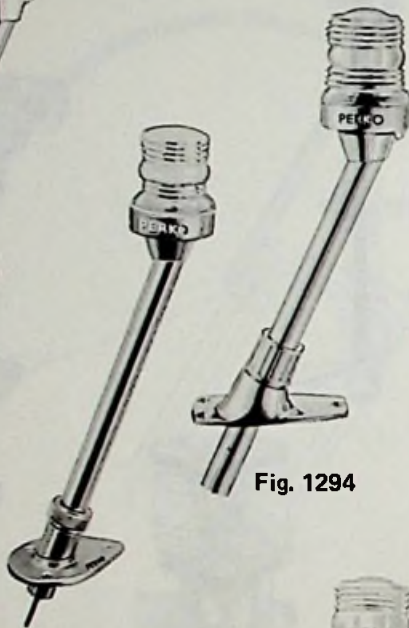


Fig. 1294

Fig. 605

Size No.	Maximum Length Inches	Fig. 1233 Each	Fig. 1294 Each	Weight Pounds
1	20	\$10.15	\$10.15	1-1/8
2	24	10.75	10.75	1-1/4
3	30	11.70	11.70	1-1/2
4	36	12.65	12.65	1-3/4



FIGS. 605 and 645

Fig. 605 has Wrought Brass Base.

Fig. 645 has Pressure Cast Silicon Bronze Base.

Globe Holders on both are Zamak Die Castings.

Fig. 605 Base, Length 3-3/8", Width 2-1/4"

Fig. 645 Base, Length 3-3/4", Width 1-5/8"

Size No.	Maximum Length Inches	Fig. 605 Each	Fig. 645 Each	Weight Pounds
1	20	\$11.40	\$13.75	1-1/8
2	24	12.00	14.35	1-1/4
3	30	12.95	15.30	1-1/2
4	36	13.90	16.25	1-3/4



FIG. 1209 - REMOVABLE

Has Two Prong Electric Plug in bottom of Pole for Electric Socket in Base. Pole is instantly removable for stowing away.

Connections are tight friction type, no springs.

Supplied with Bronze Cap for Base when Pole is removed.

Base is Wrought Brass, Length 3-3/8", Width 2-1/4".



Fig. 645

Fig. 1209

Size No.	Length Overall Inches	Each	Weight Pounds
1	20	\$15.75	7/8
2	24	16.35	1
3	30	17.30	1-1/4
4	36	18.25	1-1/2

NOTES—ENTIRE PAGE, SPARE GLOBES SEE FIG. 248-P. SPARE DELRIN ELECTRIC SOCKETS, \$1.15 EACH. SPARE BASES, \$4.50 EACH. SPARE BULBS, FIG. 337 NO. 11, \$.28 EACH.

\*DUAL CHROMIUM PLATING MEANS, TWO COATS OF COPPER, ONE COAT OF NICKEL AND TWO COATS OF CHROMIUM.



## IMPROVED FIG. 1206

Base and Globe Holder Are Zamak Die Castings.

The Improvement is a New Globe of Higher Intensity, Greater Distance, and our New Delrin Non-Corrosive D.C. Electric Socket.

Base, Length 3-3/4", Width 2-1/8"

No.	Maximum Length Inches	Each	Weight Pounds
1	20	\$11.00	1-1/8
2	24	11.60	1-3/8
3	30	12.55	1-3/4
4	36	13.50	2

Flag Pole Socket only \$4.50 each - Spare Electric Sockets, \$1.15 each, Spare Globes, \$.75 each.



## TELESCOPING TYPE—Fig. 1148 Improved

Base and Globe Holder are Zamak Die Castings. Improvement Same as Fig. 1206 Above.

The vertical height of this light is adjustable from a minimum of 6 inches to a maximum of 52 inches. Illustration shows two adjusting nuts; height can be changed at either point. Light is designed to extend above most obstructions such as navy tops, standing passengers, etc.

Each	Diameter Lower Tubing Inches	Dimensions Base Inches	Weight Pounds
\$17.50	3/4	3-3/4 x 2-1/8	2



## ALL BRASS—Fig. 609

Every Metal Part of this Light is Brass. Supplied with Connector. The Globe is High Intensity Fresnel.

No.	Maximum Length Inches	Chromium Plated Each	Weight Pounds
1	20	\$15.50	1-1/4
2	24	16.10	1-1/3
3	30	17.05	1-1/2
4	36	18.00	1-3/4

Spare Globes, see Fig. 604-P.  
Flag Pole Socket only \$4.50 each.



## LITTLE JOE—Fig. 1147

High intensity Fresnel Ball Globe. Anodized Aluminum Pole and Globe Holder. Zamak Die Cast Base, Chromium Plated with Connector, Wired.

No.	Maximum Length Inches	Each	Diameter Pole Inches	Dimensions Base Inches	Weight Ounces
2	24	\$9.35	3/4	3 x 2	12
3	30	9.85	3/4	3 x 2	14

Spare Globes, See Fig. 604-P.



## HALYARD EYES—Figs. 234 & 235

For Metal Flag Poles - White Nylon

For quick attachment of flag. Fits 3/4 inch diameter poles.

Fig. 234, \$.15 each.

Fig. 235, \$.55 each.

Standard Package, - 20 pieces.



Fig. 1206



Fig. 1148



Fig. 609



Fig. 1147



Fig. 234



With Brass Snap  
Fig. 235



## POLE LIGHTS FOR WINDSHIELD MOUNTING 360 DEGREE CLEAR OR WHITE LIGHT – FOLD DOWN TYPE

### IMPROVED FOLD DOWN

VARIABLE ANGLE ASSEMBLY—Figs. 1134, 1135 & 1137

Die Cast Zamak Base and Globe Holder – Brass Pole – Chromium Plated – Complete with 12 Volt, 6 C.P. Bulb

This light can be adjusted to suit any probable angle of windshield or top. Bracket is serrated to hold desired angle. Electric socket is our new Delrin Non-Corrosive type.

Each	Brackets Only Each	Height Overall Inches	Diameter Tubing Inches	Weight Ounces
\$8.25	\$1.35	13-1/2	3/4	13

Fig. 1134 for flat Windshield or Horizontal Frame. Dimensions, Width (A) - 2", Height (B) - 5/8".

Fig. 1135 for V-type Windshield.

Dimensions, Width (A) - 2", Height (B) - 5/8".

Fig. 1137 for flat or V-type Center Posts of Windshield. Dimensions, Width (A) - 5/8", Height (B) - 2-1/4".



Fig. 1134



Fig. 1135



Fig. 1137

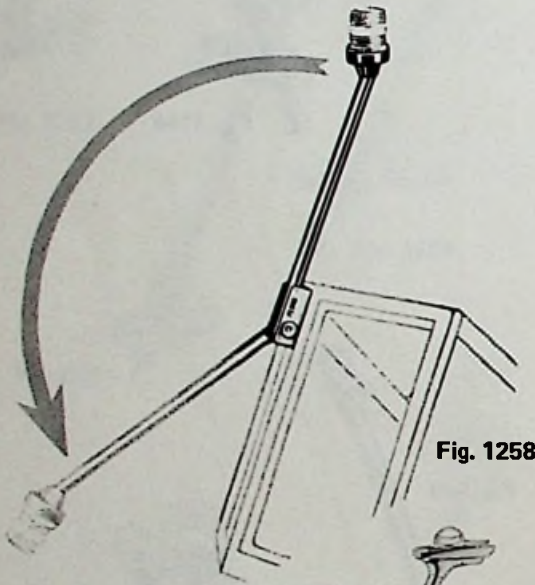


Fig. 1258

### IMPROVED FIG. 1258

For Flat or V-Type Windshield

Zamak Globe Holder – Brass Pole – Chromium Plated  
Stainless Steel Mounting Bracket – New Delrin Non-Corrosive  
D.C. Socket – Complete with 12 Volt, 6 C.P. Bulb

Each	Length Overall Inches	Mounting Bracket Inches	Weight Pounds
\$14.25	20	1-1/16 x 3	7/8

### IMPROVED—Fig. 1259

For Flat or V-Type Windshield

Stainless Steel Mounting Bracket – Zamak Globe Holder – Brass Pole – Chromium Plated

Bayonet D.C. Socket – Complete with 12 Volt, 6 C.P. Bulb

The improvement is a new globe of higher intensity, greater distance, and our new Delrin Non-Corrosive Socket.

Each	Length Overall Inches	Mounting Bracket Inches	Weight Pounds
\$14.25	20	1-1/16 x 3	7/8

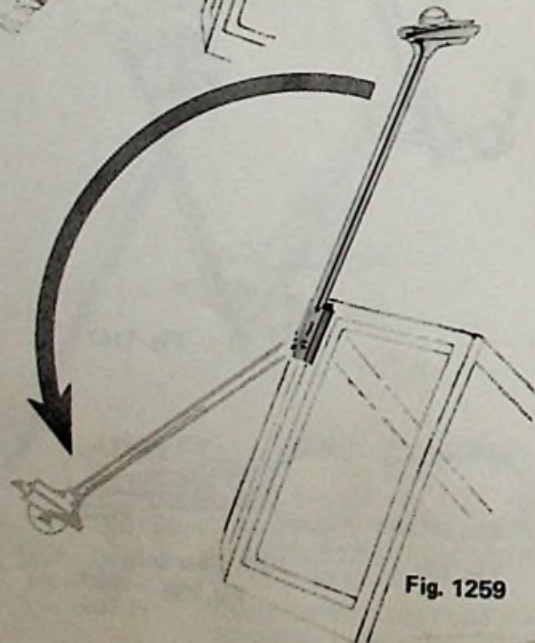


Fig. 1259

### SPARE PARTS

Spare Globes for Figs. 1134, 1135, 1137 and 1258, see Fig. 248-P.

Spare Globes for Fig. 1259 \$.75 each.

Spare Electric Sockets for all above, \$1.15 each.



### IMPROVED POLE LIGHT—Fig. 687

For Windshield or Transom Mounting — Chromium Plated  
1-3/4 Inch Fresnel Globe — Stainless Steel Brackets —  
With 12 Volt, 6 C.P. Bulb — Improvement is our New Delrin  
Non-Corrosive D.C. Electric Socket

Wired ready for installation. With adjustable brackets for  
mounting on transom. Width of bracket is 1 inch. Pole  
diameter is 3/4 inch.

No.	Length Overall Inches	Each	Weight Pounds
1	20	\$10.90	7/8
2	24	11.50	1
3	30	12.45	1-1/8
4	36	13.40	1-1/4



Fig. 687



### IMPROVED "PULL-A-PART" POLE LIGHT—Fig. 658

For Windshield Mounting — Chromium Plated — With 12  
Volt, 6 C.P. Bulb — Stainless Steel Brackets — Improvement  
is our New Delrin Non-Corrosive D.C. Electric Socket

Complete with two mounting brackets, glare shield and  
waterproof cap for lower portion when disassembled. Pole is  
3/4 inch brass tubing. Globe is 1-3/4 inch in diameter, Fig.  
248-P. Height of bottom section is 16 inches. Bracket width  
is 1 inch. Wired ready for installation.

No.	Length Overall Inches	Each	Weight Pounds
2	24	\$15.65	1-1/4
3	30	16.60	1-1/2
4	36	17.55	1-3/4

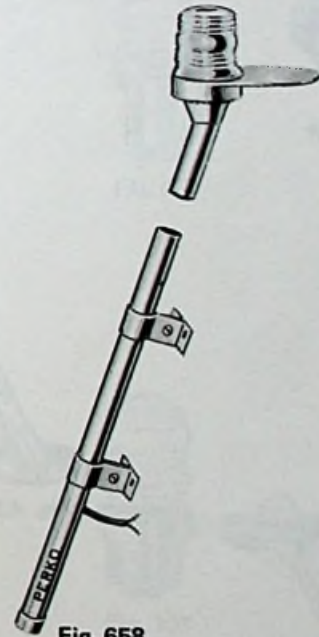


Fig. 658



### INTERNATIONAL SHIELDS—Figs. 507 & 508

Heavy Gauge Plastic

For use with all lights using the 1-3/4 inch or 2-1/2 inch globe,  
Figs. 248-P and 250.

Each \$2.75



225° Bow Shield  
Fig. 507



135° Stern Shield  
Fig. 508



## STERN OR ANCHOR LIGHTS FOR TOP OR MAST MOUNTING

360 DEGREE CLEAR OR WHITE LIGHT

NEW DELRIN NON-CORROSIVE D.C. ELECTRIC SOCKET



Fig. 404

### HIGH INTENSITY TYPE—Fig. 404

All Brass — Chromium Plated

Each	Height Inches	Diameter Globe Inches	Diameter Base Inches	Weight Ounces
\$8.80	3-1/2	1-1/2	2-3/8	7

Spare Globes, see Fig. 604-P.



Fig. 422

### STANDARD TYPE—Fig. 422

All Brass — Chromium Plated

No.	Each	Height Inches	Diameter Globe Inches	Diameter Base Inches	Weight Ounces
1	\$ 9.25	6	1-3/4	2-3/8	7
3	11.00	12	1-3/4	2-3/8	15

Spare Clear Globes, see Fig. 248-P.

With Colored Globes, Fig. 250, add \$2.00 each.



Fig. 455

### ECONOMY TYPE—Fig. 455

Die Cast Zamak — Chromium Plated

No.	Each	Height Inches	Diameter Globe Inches	Size Base Inches	Weight Ounces
1	\$6.60	6	1-3/4	3x2-1/8	12
2	7.15	9	1-3/4	3x2-1/8	15

Spare and Colored Globes, see above.



Fig. 438

### STANDARD STREAMLINE TYPE—Fig. 438

All Brass — Chromium Plated

Each	Height Inches	Diameter Globe Inches	Size Base Inches	Weight Ounces
\$9.75	6	1-3/4	3-3/8x2-1/4	6

Spare and Colored Globes, see above.

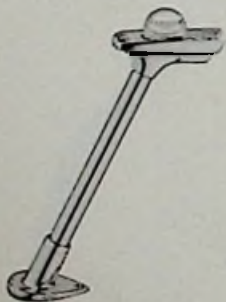


Fig. 421

### TRUE-BEAM TYPE—Fig. 421

Die Cast Zamak Top and Base — Brass Tubing — Chromium Plated — Magnifying Globe for High Intensity

Each	Height Inches	Diameter Globe Inches	Size Base Inches	Weight Ounces
\$8.80	12	1-1/2	3x2-1/8	16

Spare Globes, \$.75 each.



Fig. 966

### STAINLESS STEEL TYPE—Fig. 966

18-8 No. 304 S.S. — Polished with Clear High Intensity Magnifying Globe

Each	Height Inches	Diameter Globe Inches	Diameter Base Inches	Weight Ounces
\$8.25	6	1-1/2	2-1/2	6

Spare Globes, \$.75 each.



## POLE LIGHT—Fig. 491

Brass — Chromium Plated — Clear Fresnel Globe — Double Contact Socket

No.	Each	Diameter Globe Inches	Height Overall Inches	I.D. Neck Inches	Weight Ounces
1	\$8.00	1-3/4	5	3/4	5
2	8.60	2-1/2	5-1/4	3/4	14

Spare Globes No. 1, see Fig. 248-P.  
Spare Globes No. 2, see Fig. 250.



Fig. 491

## MAST LIGHTS—Figs. 362 & 371

Cast Bronze — Fresnel Globe — Double Contact Socket

Fig. 362 — Tapped for 1/2 inch pipe.

Fig. 371 — Flat base drilled for two flat head screws.

Fig.	Bright Brass Each	Chromium Plated Each	Diam. Globe Inches	Height Overall Inches	Diam. Base Inches	Wt. Lbs.
362	\$9.50	\$11.00	1-3/4	3-1/4	2-1/8	1/2
371	8.25	10.00	1-3/4	2-7/8	2-1/8	3/8



Fig. 362



Fig. 371

Spare Clear Globes see Fig. 248-P

With Red, Green, or Blue Globe, add \$2.00 each. See Fig. 250.

## POLE OR MAST LIGHT—Fig. 428

All Brass — Chromium Plated — Threaded Fresnel Globe Bayonet Double Contact Socket

Each	Diam. Neck Inches	Height Overall Inches	Weight Pounds
\$8.35	1-1/4	4-1/4	1/2



Fig. 428

Spare Clear Globes See Fig. 248-P.

With Colored Globes, See Fig. 250.

## MAST AND YARDARM LIGHT—Fig. 103

Cast Bronze — Clear Fresnel Globe — Medium Screw Socket

Threaded for 1/2 inch pipe. Will accommodate 15 watt 2-1/8 inch diameter bulb.

Plain Bronze Each	Chromium Plated Each	Height Overall Inches	Diam. Globe Inches	Wt. Lbs.
\$11.25	\$16.00	6	3	2

Spare clear globes fig. 249, \$3.50 each.

Spare sockets fig. 222, No. 1, \$1.10 each.

With double contact socket fig. 276, add \$1.00 each.



Fig. 103

## MAST LIGHTS—Figs. 488 & 489

Cast Bronze — Clear Fresnel Globe — Medium Screw Socket

Fig. 488 threaded 1/2 inch I.P.S.

Fig. 489 drilled for mounting on mast truck.

Plain Bronze Each	Height Overall Inches	Diam. Base Inches	Size Globe Inches	Opening in Globe Inches	Wt. Lbs.
\$10.50	6	2-5/8	5-1/2x2-5/8	1-7/8	1

Spare clear globes fig. 77, \$3.00 each.

With red, green or blue globe, add \$1.25 each.

Spare electric sockets see Fig. 222.



Fig. 488



Fig. 489



Fig. 112

### STERN OR ANCHOR LIGHTS—Fig. 112

Cast Bronze — With Fig. 106 Threaded Globe for Bulb Up to 2-3/8 Inch Diameter Inclusive

Equipped with clear fresnel globe and fig. 222 No. 1 medium screw electric socket.

Plain Bronze Each	Chromium Plated Each	Height Overall Inches	Diam. Base Inches	Size of Globe Inches	Weight Pounds
\$16.00	\$22.50	8-3/4	3-1/8	5 x 3-1/2	3-3/4



### STERN OR ANCHOR LIGHTS—Fig. 375

Cast Bronze

Equipped with 360 degree clear fresnel lens and double contact electric socket. Any height desired can be secured by placing required length of 1 inch brass pipe at joint marked "A". These parts have standard 1 inch pipe thread.



Fig. 375

Plain Bronze Each	Chromium Plated Each	Spare Lens Fig. 261 Each	Spare Socket Fig. 52 Each	Height Overall Inches	Diam. Base Inches	Diam. Body Inches	Height Lens Inches	Weight Pounds
\$21.00	\$28.00	\$3.20	\$6.00	7	3-1/2	3-1/2	3-5/16	2-3/4



### MAST LIGHTS—Fig. 521

Cast Bronze

Equipped with 360 degree clear fresnel lens and double contact electric socket. Extra long neck.



Fig. 521

Plain Bronze Each	Chromium Plated Each	Spare Lens Fig. 261 Each	Spare Socket Fig. 52 Each	Height Overall Inches	Diam. Body Inches	Height Lens Inches	Inside Length Neck Inches	Inside Diam. Neck Inches	Weight Pounds
\$17.00	\$22.75	\$3.20	\$6.00	6-3/4	3-1/2	3-5/16	2-1/2	1-1/4	2



### MAST LIGHTS—Figs. 145 & 309

Cast Bronze — With Medium Screw Socket — Fig. 106 Clear Threaded Globe — For Bulbs up to 2-3/8 Inch Diameter Inclusive

Fig.	Plain Bronze Each	Height Overall Inches	Size Globe Inches	Tapped for Pipe Size Inches	Wt. Lbs.
145	\$21.00	7-3/8	5x3-1/2	1/2	3-1/4
309	13.00	6-1/2	5x3-1/2	1/2	2-1/2

Fig. 309 in Polished, Chromium Plated Finish, add \$5.00 each.



### SPARE PARTS - ENTIRE PAGE

Spare clear globes for Figs. 112, 145, 309, \$4.20 each.

Figs. 112, 145, 309 with red, green, blue or amber globes, add \$2.25 each.

Figs. 375, 521 with red, green, blue or amber lens, add \$2.00 each.

Spare medium screw sockets for Figs. 112, 145, 309, \$1.05 each.

Figs. 112, 145, 309 with D.C. Socket, add \$1.00 each.

Figs. 375, 521 with medium screw socket, add \$2.25 each.

Spare guards for Fig. 145, \$7.50 each.

Fig. 309  
without GuardFig. 145  
with Cast Guard





## HIGH INTENSITY SIDE LIGHTS WITH FRESNEL LENSES

Fig. 955

18-8 STAINLESS STEEL - POLISHED WITH NON-CORROSIVE D.C. BAYONET SOCKET AND STAINLESS STEEL SCREWS. RED AND GREEN LENSES. MEETS U.S.C.G. AND INTERNATIONAL RULES OF 10 POINTS, 112-1/2 DEGREES EQUIPPED WITH 12 VOLT 6 C.P. BULB INSTALLED 1 MILE VISIBILITY

Due to increasing boat population and more night running the importance of proper light visibility is being stressed more than ever by the U.S.C.G., various associations and agencies. This light has been produced to meet the need while retaining its small compact size.

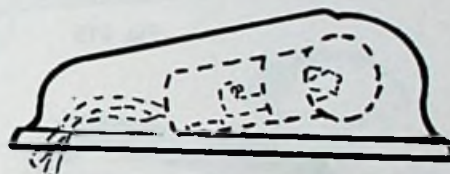
Fresnel lenses have been proven to be far superior to other types in marine use.



Fig. 955

Per Pair	Length Inches	Width Inches	Depth Inches	Weight Per Pair Ounces
\$12.50	4-1/8	2-1/4	1-1/2	6

Spare lenses \$.60 each.  
Spare sockets, \$.65 each.



END VIEW OF REAR AND OUTLINE OF SOCKET INSTALLATION. DRILL SMALL HOLE FOR WIRE ONLY.

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## HIGH INTENSITY STERN LIGHTS – Fig. 939

18-8 No. 304 Stainless Steel - Polished  
12 Points – 112-1/2 Degrees – Clear Lens

For Flush Mounting in Transom  
Visibility Rating 2 Miles  
Rebulbing Thru Front or Back

With Neoprene installation gasket. Bulb supplied is 12 volt, 15 C.P. . . . It is not a special type—but a new type, long life bulb readily available in auto supply stores. Used as standard equipment by one of the largest manufacturers of automobiles.

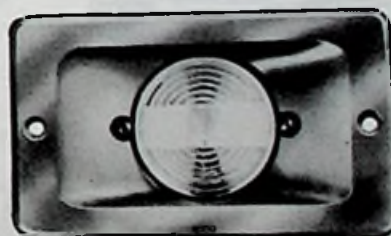


Fig. 939

Each	Dimensions Overall Inches	Depth Inches	Weight Pounds
\$11.75	5-3/16 x 3-3/8	1-1/2	1/2

NOTE—not available in 6 or 32 volts.  
Spare Bulb \$.60 each.  
Spare lens with gasket, \$.75 each.  
Spare Nylon socket with connectors, \$.90 each.  
Spare Installation Gaskets, \$.50 each.



## STAINLESS STEEL INTERNATIONAL NAVIGATION LIGHTS

18-8 NO. 304 STAINLESS STEEL – POLISHED  
DOUBLE CONTACT BAYONET TYPE ELECTRIC SOCKET  
WITH STAINLESS STEEL SELF TAPPING SCREWS FOR MOUNTING



Fig. 902

### SIDE LIGHTS—Fig. 902

10 Points 112-1/2 Degrees – Red and Green Lenses

For mounting on side of deck house or hull.

Per Pair	Length Inches	Width Inches	Depth Inches	Weight Per Pair Ounces
\$12.80	4	2-1/8	1-1/2	7

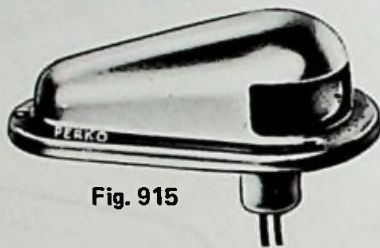


Fig. 915

### SIDE LIGHTS—Fig. 915

10 Points – 112-1/2 Degrees – Red and Green Lenses

For Mounting on Deck or Top of Deck House

Per Pair	Length Inches	Width Inches	Depth Inches	Weight Per Pair Ounces
\$12.80	4	2-1/8	1-1/2	7



Fig. 903

### BOW LIGHT—Fig. 903

20 Points – 225 Degrees – Clear Lens

Each	Length Inches	Width Inches	Height Inches	Weight Ounces
\$6.40	4	2-1/8	1-1/2	3-1/2

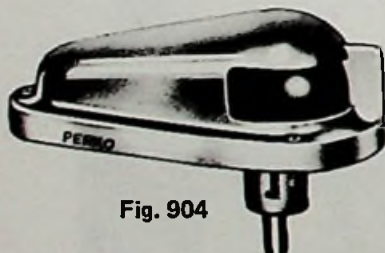


Fig. 904

### COMBINATION BOW LIGHT—Fig. 904

20 Points – 225 Degrees – Red and Green Lenses

Each	Length Inches	Width Inches	Height Inches	Weight Ounces
\$7.15	4	2-1/8	1-1/2	3-1/2



Fig. 943

### BOW LIGHT—Fig. 943

20 Points – 225 Degrees – Clear Lens

For mounting on vertical surfaces. Especially desirable for sailboats.

Each	Height of Light Inches	Diameter of Base Inches	Diameter of Neck Inches	Length Neck Inches	Weight Ounces
\$5.15	1-3/8	2-1/4	3/4	7/8	3

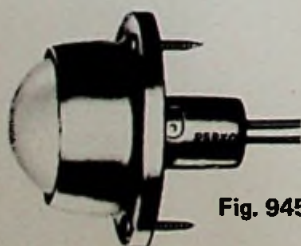


Fig. 945

### TRANSOM STERN LIGHT—Fig. 945

12 Points – 135 Degrees – Clear Lens

Each	Height of Light Inches	Diameter of Base Inches	Diameter of Neck Inches	Length Neck Inches	Weight Ounces
\$5.15	1-3/8	2-1/4	3/4	7/8	3

Spare Globes, Clear, Red or Green (Fig. 74-P) \$.75 Each.

Spare D.C. Sockets (Fig. 52) \$.60 Each.

Spare Red and Green Special Globe for Fig. 904—\$1.30 Each.

6 C.P. Bulbs recommended for above lights.



## STAINLESS STEEL INTERNATIONAL NAVIGATION LIGHTS

18-8 NO. 304 STAINLESS STEEL — POLISHED  
DOUBLE CONTACT BAYONET TYPE ELECTRIC SOCKET  
WITH STAINLESS STEEL SELF TAPPING SCREWS FOR MOUNTING

Height Light Inches	Diameter Base Inches	Diameter Neck Inches	Length Neck Inches	Weight Each Ounces
1-3/8	2-1/4	3/4	7/8	3

### SIDE LIGHTS—Fig. 962

10 Points — 112-1/2 Degrees — Colored Lenses

For mounting on side of deck house or hull.

\$10.20 Per Pair



### SIDE LIGHTS—Fig. 963

10 points—112½ Degrees—Colored Lenses

For mounting on deck or top of deck house.

\$10.20 Per Pair



### BOW OR MASTHEAD LIGHT—Fig. 964

20 Points — 225 Degrees — Clear Lens

\$5.10 Each



### STERN LIGHT—Fig. 965

12 Points — 135 Degrees — Clear Lens

\$5.10 Each



### BOW LIGHT—Fig. 944

20 Points — 225 Degrees — Clear Lens

Height Overall 6". Diameter Base 2-1/2". Weight 6 oz.

\$8.25 Each



### COMBINATION BOW LIGHT—Fig. 972

20 Points — 225 Degrees — Red and Green Lenses

\$5.75 Each



Spare Globes, Clear, Red or Green (Fig. 74-P) \$.75 Each  
Spare D.C. Sockets (Fig. 52) \$.60 Each  
Spare Red and Green Special Globe for Fig. 972—\$1.30 Each  
6 C.P. Bulbs recommended for above lights.

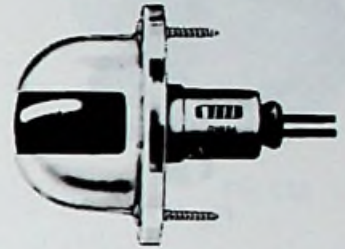


Fig. 962



Fig. 963

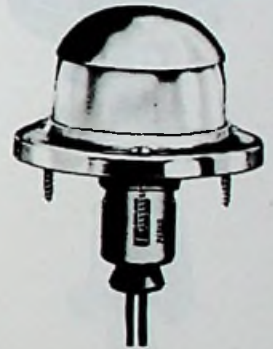


Fig. 964

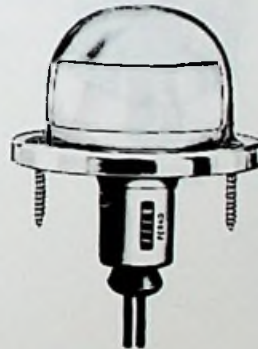


Fig. 965



Fig. 944



Fig. 972



**ZAMAK INTERNATIONAL NAVIGATION LIGHTS**

ZAMAK DIE CASTINGS – CHROMIUM PLATED  
DOUBLE CONTACT BAYONET TYPE ELECTRIC SOCKETS  
WATERTIGHT

Neck Has 1/2 Inch Female Pipe Thread For Mounting On Pipe. Base Drilled for Wood Screws for Mounting Directly to Deck, Cabin Top and Cabin Sides.



Fig. 1278

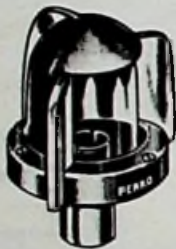


Fig. 1280

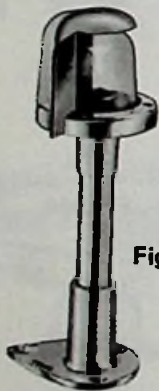


Fig. 1201



Fig. 1279



Fig. 1281



Fig. 1282



Fig. 1283

**SIDE LIGHTS—Fig. 1278**

10 Points – 112-1/2 Degrees  
Colored Lenses 1 Red and 1 Green

**BOW OR MASTHEAD LIGHTS—Fig. 1279**

20 Points – 225 Degrees – Clear Lens

**STERN LIGHTS—Fig. 1280**

12 Points – 135 Degrees – Clear Lens

Fig.	Per Pair	Each	Length Overall Inches	Width Overall Inches	Weight Pounds	Weight Per Pair Pounds
1278	\$12.35		4-7/8	2-5/8	1	2-1/4
1279		\$7.00			1	
1280		7.00			1	

Fig.	Height Lens Inches	Height Light Inches	Diam. Flange Inches	Diam. Neck Inches	Length Neck Inches
1278	2-1/8		2-5/8	7/8	1-3/16
1279	2-1/8	2-1/2	2-5/8	7/8	1-3/16
1280	2-1/8	2-1/2	2-5/8	7/8	1-3/16

**ANCHOR OR RANGE LIGHTS – Fig. 1281**

32 Points – 360 Degrees – Clear Lens

Each	Height Lens Inches	Height Light Inches	Diam. Flange Inches	Diameter Neck Inches	Length Neck Inches	Weight Pounds
\$5.50	2-1/8	2-3/8	2-5/8	7/8	1-3/16	5/8

**BOW LIGHT—Fig. 1201**

20 Points – 225 Degrees – Clear Lens

This is Fig. 1279 mounted on brass tubing and an attractive base.

Each	Height Overall Inches	Dimensions Base Inches	Weight Pounds
\$9.00	8	3 x 2-1/8	1

**ADJUSTABLE LIGHTS**

Fig. 1282 Bow Light & Fig. 1283 Stern Light

When boats of classes A or 1 operate in international waters, the rules require a 225 degree 20 point clear bow light mounted 36 inches higher than the combination red and green light forward. Also a 135 degree 12 point clear stern light aft. Height is 36 inches.

Each	Height Lens Inches	Dimensions Base Inches	Weight Pounds
\$16.25	2-1/8	3-3/4 x 2-1/8	2-3/4

Mounting base for Figs. 1279, 1280, 1281 see Fig. 938.  
Spare globes – Clear, Red or Green Fig. 186-P \$.90 each.  
Spare D.C. Sockets Fig. 52, \$.60 each.



## BRONZE INTERNATIONAL NAVIGATION LIGHTS

CAST BRONZE — PLAIN OR CHROMIUM PLATED  
DOUBLE CONTACT BAYONET TYPE ELECTRIC SOCKETS  
WATERTIGHT

Neck Has 1/2" Female Thread for Mounting on Pipe — Drilled for Wood Screws  
for Mounting Directly to Deck, Cabin Top and Cabin Sides.

### SIDE LIGHTS—Fig. 910

10 Points — 112-1/2 Degrees  
Colored Lenses 1 Red and 1 Green

Plain Bronze Per Pair	Chromium Plated Per Pair	Height Lens Inches	Length Overall Inches	Width Overall Inches	Diam. Neck Inches	Length Neck Inches	Weight Per Pair Pounds
\$25.00	\$31.50	2-1/8	5	2-5/8	15/16	1-1/4	2-1/2

For mounting on side of deck house or hull.



Fig. 910

### BOW OR MASTHEAD LIGHTS—Fig. 911

20 Points — 225 Degrees — Clear Lens

### STERN LIGHTS—Fig. 912

12 Points — 135 Degrees — Clear Lens

### ANCHOR OR RANGE LIGHT—Fig. 913

32 Points — 360 Degrees — Clear Lens

Fig.	Plain Bronze Each	Chromium Plated Each	Height Lens Inches	Weight Each Pounds
911	\$12.50	\$15.75	2-1/8	1-1/8
912	12.50	15.75	2-1/8	1-1/8
913	9.50	11.75	2-1/8	7/8

Fig.	Height Light Inches	Diameter Neck Inches	Diameter Flange Inches	Length Neck Inches
911	2-1/2	7/8	2-5/8	1-3/16
912	2-1/2	7/8	2-5/8	1-3/16
913	2-3/8	7/8	2-5/8	1-3/16



Fig. 911



Fig. 912

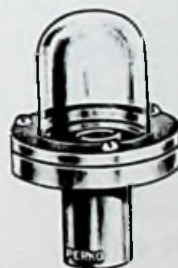


Fig. 913

Spare Globes — Clear, Red or Green Fig. 186-P \$.90 each.

Spare D. C. Sockets, Fig. 52, \$.60 each.

### MOUNTING BASE—Fig. 938

For International Lights — Brass

Plain Each	Chromium Plated Each	Diam. Overall Inches	Pipe Thread Inches	Weight Ounces
\$2.65	\$3.85	2-3/8	1/2	3



Fig. 938

### BATTERY ANCHOR LIGHT—Fig. 48

All Brass — With Switch and Bulb — Switch Enclosed in Watertight Cover

Uses ordinary 1-1/2 volt dry cell such as Eveready No. 6 or equal. Bulb is Fig. 53, 1.35 volts, .06 amps.

Polished Brass Each	Chromium Plated Each	Height Inches	Diam. Base Inches	Weight Pounds
\$23.50	\$27.50	10-1/2	3	1-1/4

With battery, add \$2.75 each.

With red, green or blue globe, add \$1.00 each.

Spare globes, see Fig. 250

Spare bulbs, \$.48 each.



Fig. 48

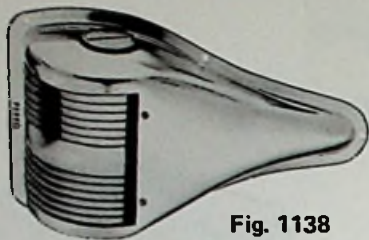


Fig. 1138

## ALL BRASS STREAMLINE SIDE LIGHTS—Fig. 1138

With Flush Type Rebulbing Feature  
Bayonet Double Contact Socket  
Red and Green Fresnel Lenses  
10 Points — 112½ Degrees

Polished Brass Per Pair	Chromium Plated Per Pair	Extreme Height Inches	Extreme Length Inches	Height Lens Inches	Weight Pounds
\$41.00	\$43.00	6-3/16	9-5/8	4-1/4	3-1/4

Spare lenses, see Fig. 259 Class 2.

Spare electric sockets, see Fig. 52.

Spare rebulbing feature, \$3.85 each. Specify finish.

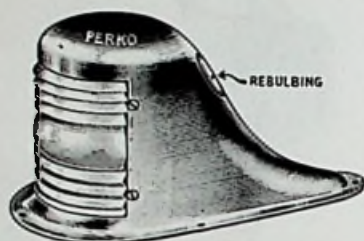


Fig. 1139

## ALL BRASS STREAMLINE BOW LIGHT—Fig. 1139

With Flush Type Rebulbing Feature  
Bayonet Double Contact Socket  
Clear Fresnel Lens

Polished Brass Each	Chromium Plated Each	Extreme Height Inches	Extreme Length Inches	Height Lens Inches	Weight Pounds
\$25.00	\$26.50	5-1/8	9-1/2	4-1/4	2

Spare lenses, see Fig. 260 Class 2.

Spare electric sockets, see Fig. 52.

Spare rebulbing feature \$3.85 each. Specify finish.

Can be supplied with a 1 inch Flag Pole Socket. Add \$1.25 each.

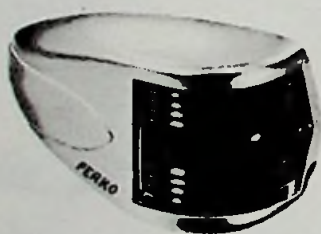


Fig. 1264

## COMPACT STREAMLINE SIDE LIGHTS—Fig. 1264

Zamak Die Casting — Chromium Plated  
With Delrin Non-Corrosive D. C. Socket  
Red and Green Fresnel Lenses  
10 Points — 112½ Degrees

Chromium Plated Per Pair	Length Overall Inches	Height Overall Inches	Thickness Inches	Weight Per Pair Pounds
\$9.60	5-1/2	3-1/8	1-3/4	1-3/4

Spare lenses, \$.95 each.

Spare Electric Sockets, \$.65 each.



Fig. 1265

## COMPACT STREAMLINE BOW LIGHTS—Fig. 1265

Zamak Die Casting — Chromium Plated  
With Delrin Non-Corrosive D. C. Socket  
Clear Fresnel Lens  
20 Points — 225 Degrees

Chromium Plated Each	Length Overall Inches	Width Overall Inches	Height Overall Inches	Weight Pounds
\$8.75	6-1/4	3-7/8	3-1/4	3/4

Spare lenses, \$1.00 each.

Spare electric sockets, \$.65 each.



## ROYAL COMBINATION BOW LIGHT—Fig. 89

Sheet Metal — Galvanized Steel or Brass  
 20 Points — 225 Degrees —  
 Bayonet Double Contact Electric Socket  
 Red and Green Fresnel Lenses

Galv. Each	Polished Brass Each	Chromium Plated Each	Height Inches	Width Inches	Height Lens Inches	Weight Pounds
\$16.50	\$23.50	\$26.00	3-3/4	4-1/4	3-5/16	1-1/4

Spare Lenses, see Fig. 259, Cl. 1.



Fig. 89

## ROYAL SIDE LIGHTS—Fig. 91

10 Points — 112½ Degrees  
 Bayonet Double Contact Electric Sockets  
 Red and Green Fresnel Lenses

Class	Galv. Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Height Inches	Height Lens Inches	Weight Per Pair Pounds
1	\$24.00	\$37.50	\$42.00	4-1/4	3-5/16	1-3/4
2	24.50	38.00	42.50	5	4-1/4	2
3	26.50	41.50	45.50	6	5-3/16	3

Spare Lenses, see Fig. 259.



Fig. 91

## ROYAL BOW LIGHT—Fig. 98

20 Points — 225 Degrees  
 Bayonet Double Contact Electric Socket  
 Clear Fresnel Lens

Class	Galv. Each	Polished Brass Each	Chromium Plated Each	Height Inches	Height Lens Inches	Weight Pounds
1	\$12.00	\$18.75	\$21.00	4-1/4	3-7/16	1
2	12.25	19.00	21.25	5	4-1/4	1-1/2
3	13.25	20.75	22.75	6	5-3/16	2

Spare Lenses, see Fig. 256.



Fig. 98

BOW LIGHT

## ROYAL STERN LIGHTS—Fig. 99

12 Points — 135 Degrees  
 Bayonet Double Contact Electric Socket  
 Clear Fresnel Lens

Class	Galv. Each	Polished Brass Each	Chromium Plated Each	Height Lens Inches	Height Overall Inches	Weight Pounds
1	\$12.00	\$18.75	\$21.00	3-7/16	4-1/4	1
2	12.25	19.00	21.25	4-1/4	5-1/4	1-1/2
3	13.25	20.75	22.75	5-3/16	6	2

Spare Lenses, see Fig. 269

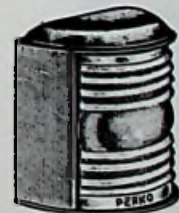


Fig. 99

### NOTES

Spare double contact adapters for above lights, specify Fig. 138, \$3.50 each.  
 Figs. 98 and 99 with red, green or amber lens, add \$3.50 each.



Fig. 268



Fig. 277



Fig. 265



Fig. 329



Fig. 707

### SPREADER FLOODLIGHT—Fig. 268

All Brass — Chromium Plated — Sealed Beam — 6—12 Volts

A fully watertight unit for flood-lighting decks, anchorages, docks or sails.

6 Volt Each	12 Volt Each	Diameter Overall Inches	Depth Inches	Size Mounting Plate Inches	Weight Pounds
\$15.50	\$15.50	4-5/8	4-1/4	5-5/8 x 3/4	1-1/4

Spare sealed beam units, 6 or 12 volts, \$3.20 each  
12 volt will be shipped unless otherwise specified



### "JUNIOR" SPREADER LIGHT—Fig. 277

All Brass — Chromium Plated — With 12 Volt, 6 C.P. Bulb

For small sail boats with limited electrical facilities.

Each	Diameter Overall Inches	Depth Inches	Size Mounting Plate Inches	Weight Ounces
\$7.25	3	3	3-1/8 x 7/8	5

Can be furnished with 15 C.P. Bulb, add \$.25 each.



### "NON-FOULING" SPREADER LIGHT—Fig. 265

All Brass — Chromium Plated — With 12 Volt, 6 C.P. Bulb

For mounting flush to spreader, will not foul sheets or halyards. Has many other uses aboard the boat.

Each	Diameter Overall Inches	Depth Inches	Weight Ounces
\$5.00	2-3/4	1-1/8	2-1/2



### MEAL AND ABSENT LIGHT—Fig. 329

Cast Bronze — Watertight — Double Contact Bayonet Socket

For mounting on yardarm. Supplied with two fresnel globes, one blue, the other clear, Fig. 250.

Chromium Plated Each	Size Base Inches	Length Overall Inches	Diam. Globe Inches	Wt. Lbs.
\$27.50	3-3/8 x 1-3/4	9	2-1/2	2

Bulbs, see Fig. 337 all sizes listed.



### ELECTRIC COMPASS LIGHT—Fig. 707

Brass — Chromium Plated

To be mounted on compass box for illuminating compass at night.

Chromium Plated Each	Height Overall Inches	Weight Ounces
\$6.00	8	5





## NAVIGATION LIGHTS WITH FRONT DOOR SHEET METAL – GALVANIZED STEEL OR BRASS OIL OR ELECTRIC ELECTRIC SOCKET IS BAYONET DOUBLE CONTACT TYPE

### COMBINATION BOW LIGHT—Fig. 0-1

20 Points – 225 Degrees  
Red and Green Fresnel Lenses

Galvanized Each	Polished Brass Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$27.50	\$35.00	9-3/8	5x5-1/2	3-5/16	3-5/8



### SIDE LIGHTS—Figs. 0-4 and 0-8

10 Points – 112½ Degrees  
Red and Green Fresnel Lenses

Fig.	Galv. Per Pair	Polished Brass Per Pair	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
0-4	\$48.00	\$66.00	10-1/2	5-1/4x5-1/4	4-1/4	6-1/4
0-8	51.00	69.00	12-1/4	5-5/8x5-5/8	5-3/16	8



### BOW LIGHTS—Figs. 0-5 and 0-9

20 Points – 225 Degrees  
Clear Fresnel Lens

Fig.	Galv. Each	Polished Brass Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
0-5	\$24.00	\$33.00	10-1/2	5 x 5-1/2	4-1/4	3
0-9	25.50	34.50	12-1/4	5-1/2x6-1/8	5-3/16	4

NOTE: The above area of visibility applies only to electric bow lights.



### SIDE LIGHTS—Figs. 0-40 and 0-80

10 Points – 112½ Degrees – Electric Only  
Red and Green Fresnel Lenses

Fig.	Galv. Per Pair	Polished Brass Per Pair	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
0-40	\$34.00	\$49.50	7-1/4	5-1/8x5-1/8	4-1/4	5-1/2
0-80	38.00	53.00	8-1/2	5-5/8x5-5/8	5-3/16	7



### BOW LIGHTS—Figs. 0-50 and 0-90

20 Points – 225 Degrees – Electric Only  
Clear Fresnel Lens

Fig.	Galv. Each	Polished Brass Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
0-50	\$17.00	\$24.75	7-3/8	5 x 5-1/2	4-1/4	2-3/4
0-90	19.00	26.50	8-1/2	5-1/2x6-1/8	5-3/16	4



Fig. 0-1



Fig. 0-4 - Class 2

Fig. 0-8 - Class 3



Fig. 0-5 - Class 2

Fig. 0-9 - Class 3



Fig. 0-40 - Class 2

Fig. 0-80 - Class 3



Fig. 0-50 - Class 2

Fig. 0-90 - Class 3

### NOTES AND SPARE PARTS

Figs. 0-1, 0-4, 0-5, 0-8, 0-9, Specify oil or electric otherwise oil only will be shipped.  
Bow lights with red, green, blue or amber lens, add \$3.50 each.  
Spare comb. or side lenses, see Fig. 259.  
Spare clear bow lenses, see Fig. 260.  
Spare oil founts, Fig. 582, \$3.50 each.

Spare oil burners, see Fig. 246.  
Spare oil wicks, see Fig. 302.  
Spare electric sockets, see Fig. 276.  
Spare electric socket supports, \$1.10 each.  
Spare mounting brackets, \$1.75 each.



## NAVIGATION LIGHTS WITH BOTTOM OPENING

SHEET METAL – GALVANIZED STEEL OR BRASS

OIL OR ELECTRIC – SPRING TYPE FOUNT

ELECTRIC SOCKET IS BAYONET DOUBLE CONTACT OR MEDIUM SCREW TYPE



Fig. 1



Fig. 17 Class 2

Fig. 19 Class 3



Fig. 18 Class 2

Fig. 20 Class 3



Fig. 97 Class 2

Fig. 102 Class 3

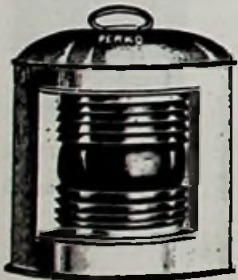


Fig. 4



Fig. 5

### SPARE PARTS

- Comb. or side lenses, see Fig. 259.
- Bow lenses, see Fig. 256.
- Stern lenses, see Fig. 269.
- Oil founts, see Figs. 286 and 733.
- Oil burners, see Fig. 246.
- Oil wicks, see Fig. 302.
- Electric adapters, see Figs. 291 and 292.
- Mounting brackets, \$1.75 each.

### NOTES

Bow or Stern Lights with red, green or amber lens, add \$3.50 each. Figs. 4 and 5 supplied with double contact socket unless medium screw is specified.

### COMBINATION BOW LIGHT—Fig. 1

20 Point – 225 Degrees – Red and Green Fresnel Lenses

Fig.		Galvanized Each	Polished Brass Each	Height Inches	Height Lens Inches	Weight Pounds
1	Oil	\$21.00	\$30.00	9	3-5/16	2-5/8

Double Contact Electric—Specify Fig. 1-A

This light will not accommodate medium screw socket for navigational purposes.



### SIDE LIGHTS—Figs. 17 and 19

10 Points – 112-1/2 Degrees – Red and Green Fresnel Lenses

Fig.		Galvanized Per Pair	Polished Brass Per Pair	Height Inches	Height Lens Inches	Weight Pounds
17	Oil	\$37.00	\$55.00	10-1/2	4-1/4	5-1/2
19	Oil	38.50	60.00	12-1/2	5-3/16	7-1/2

Double Contact Electric—Specify Fig. 17-A or 19-A

Medium Screw Electric—Specify Fig. 17-B or 19-B



### BOW LIGHTS—Figs. 18 and 20

20 Points – 225 Degrees – Clear Fresnel Lens

Fig.		Galvanized Each	Polished Brass Each	Height Inches	Height Lens Inches	Weight Pounds
18	Oil	\$18.50	\$27.50	10-1/2	4-1/4	3
20	Oil	19.25	30.00	12-1/2	5-3/16	3-1/2

Double Contact Electric—Specify Fig. 18-A or 20-A

Medium Screw Electric—Specify Fig. 18-B or 20-B



### STERN LIGHTS—Figs. 97 and 102

12 Points – 135 Degrees – Clear Fresnel Lens

Fig.		Galvanized Each	Polished Brass Each	Height Inches	Height Lens Inches	Weight Pounds
97	Oil	\$18.50	\$27.50	10-1/2	4-1/4	3
102	Oil	19.25	30.00	12-1/2	5-3/16	3-1/2

Double Contact Electric—Specify Fig. 97-A or 102-A

Medium Screw Electric—Specify Fig. 97-B or 102-B



### SIDE LIGHTS—Fig. 4

10 Points – 112-1/2 Degrees – Electric Only – Red and Green Fresnel Lenses

Class	Galvanized Per Pair	Polished Brass Per Pair	Height Inches	Height Lens Inches	Weight Per Pair Pounds
2	\$30.00	\$47.00	7-1/4	4-1/4	5
3	32.00	53.00	8-1/2	5-3/16	7



### BOW LIGHTS—Fig. 5

20 Points – 225 Degrees – Electric Only – Clear Fresnel Lens

Class	Galvanized Each	Polished Brass Each	Height Inches	Height Lens Inches	Weight Pounds Each
2	\$15.00	\$23.50	7-1/4	4-1/4	2-1/2
3	16.00	26.50	8-1/2	5-3/16	3-1/4





### ANCHOR LIGHT—Fig. 0-2

32 Points — 360 Degrees — Clear Fresnel Lens — Oil or Electric

Fig.	Galvanized Each	Polished Brass Each	Height Inches	Diam. Base Inches	Height Lens Inches	Weight Pounds
0-2	Oil \$14.25	\$20.00	8-5/8	4-1/2	3-5/16	2

For Double Contact Electric—Specify Fig. 0-2A. For navigational purposes this light will not accommodate a medium screw socket.



### ANCHOR LIGHT—Fig. 0-6

32 Points — 360 Degrees — Clear Fresnel Lens — Oil or Electric

Fig.	Galvanized Each	Polished Brass Each	Height Inches	Diam. Base Inches	Height Lens Inches	Weight Pounds
06	Oil \$17.75	\$27.00	11-3/4	5-5/8	4-1/4	3

For Double Contact Electric—Specify Fig. 0-6A.  
For Medium Screw Electric—Specify Fig. 0-6B.



### 10-DAY OIL ANCHOR LIGHT—Fig. 596

360 Degree Clear Fresnel Lens — Latched Swivel Fount

At least 10 days of continuous light on one filling of good grade kerosene. Wick is non-carbonizing type.

Polished Brass Each	Height Lens Inches	Height Overall Inches	Diam. Fount Inches	Capacity Fount Pints	Weight Pounds
\$42.00	4-1/4	14	7	3-1/2	4-1/2

Fig. 596-A as illustrated, \$19.80 each.



### NAVY OR LIFE BOAT LANTERN—Fig. 49

Oil Burning — Hinged Top — Clear Globe

Galvanized Each	Polished Brass Each	Height Inches	Size of Globe Inches	Weight Pounds
\$27.00	\$33.00	11	4x6-1/2	3



### SAIL BOAT SIDE LIGHTS—Fig. 69

10 Points — 112-1/2 Degrees — Red and Green Fresnel Lenses

Fig.	Galvanized Per Pair	Polished Brass Per Pair	Height Lens Inches	Extreme Height Inches	Diam. of Base Inches	Weight Per Pair Pounds
69	Oil \$36.50	\$50.00	3-5/16	9	4-1/4	4

For Double Contact Electric—Specify Fig. 69-A.



Fig. 0-2 Junior



Fig. 0-6 Senior



Fig. 596



Fig. 596A



Fig. 49



Fig. 69

### NOTES AND SPARE PARTS

Figs. 0-2, 0-6, and 596 with red, green or amber lens, add \$3.50 each.  
 Fig. 49 with red, green or blue globe, add \$2.25 each.  
 Spare lenses for Figs. 0-2, 0-6 and 596, see Fig. 261.  
 Spare lenses for Fig. 69, see Fig. 259.  
 Spare globes for Fig. 49, see Fig. 262.  
 Spare founts or adapters for Figs. 0-2 and 69, see Figs. 287 and 293.

Spare founts or adapters for Figs. 0-6 and 49, see Figs. 286, 291 and 292.  
 Spare burners for Figs. 0-2 and 69, see Fig. 246 No. 0.  
 Spare burners for Fig. 0-6 and 49, see Fig. 246 No. 1.  
 Spare burners, wicks and chimneys for Fig. 596 see Figs. 245 and 272.



## ELECTRIC NAVIGATION LIGHTS FOR VESSELS OVER 65 FT. LONG

Waterproof — Cast Bronze Rebulbing Cap — Terminal Tubes

Mogul 3-Wire Phenolic Sockets Fig. 270 For Double Filament Bulbs

Size No. 2 Brass Listed in U.S.C.G. — 293 — Misc. Electrical Equipment List



Fig. 1150



Fig. 1151



Fig. 1152



Fig. 1153  
Fig. 1154

### SIDE LIGHTS—Fig. 1150

112-1/2 Degree Red and Green Lenses — 10 Point — With Bracket For Mounting

No.	Galvanized Steel Per Pair	Plain Brass Per Pair	Polished Brass Per Pair	Lens Fig. 259 Height Inches	Height Less Handle Inches	Weight Per Pair Pounds
1	\$150.00	\$198.00	\$218.00	6-3/4	11-1/4	16-1/4
2	190.00	244.00	268.00	7-1/2	13-1/4	24
3	224.00	280.00	310.00	8-1/2	15-1/2	30-1/4



### MASTHEAD, RANGE AND TOWING LIGHTS—Fig. 1151

225 Degree Clear Lens — 20 Point — With Four Lugs For Mounting

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 256 Height Inches	Height Less Handle Inches	Weight Each Pounds
1	\$ 75.00	\$ 99.00	\$109.00	6-3/4	11-1/4	9-1/2
2	95.00	122.00	134.00	7-1/2	13-1/4	14
3	112.00	140.00	155.00	8-1/2	15-1/2	19

With red or green lens (special purpose), add \$12.00 each.  
With amber lens in Sizes No. 1 and 2 only, add \$12.00 each.



### STERN LIGHTS—Fig. 1152

135 Degree Clear Lens — 12 Point — With Four Lugs For Mounting

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 269 Height Inches	Height Less Handle Inches	Weight Each Pounds
1	\$ 75.00	\$ 99.00	\$109.00	6-3/4	11-1/4	8-1/2
2	95.00	122.00	134.00	7-1/2	13-1/4	11
3	112.00	140.00	155.00	8-1/2	15-1/2	14-1/2

With red or green lens (special purpose) add \$12.00 each.  
With 45 degree red lens (for suction dredges) add \$16.50 each.  
With amber lens in Sizes No. 1 and 2 only, add \$12.00 each.



### ANCHOR LIGHTS—Fig. 1153

360 Degree Clear Lens — 32 Point — With Four Lashing Eyes and Wire Guard

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 261 Height Inches	Height Less Handle Inches	Weight Each Pounds
1	\$ 75.00	\$ 99.00	\$109.00	6-3/4	10-1/2	10
2	95.00	122.00	134.00	7-1/8	12-3/4	14-1/4
3	112.00	140.00	155.00	8-1/2	14-5/8	20-1/4



### BREAKDOWN LIGHTS—Fig. 1154

360 Degree Red Lens — 32 Point — With Four Lashing Eyes and Wire Guard

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 261 Height Inches	Height Less Handle Inches	Weight Each Pounds
1	\$ 83.00	\$107.00	\$117.00	6-3/4	10-1/2	10
2	103.50	130.50	142.50	7-1/8	12-3/4	14-1/4
3	124.00	152.00	167.00	8-1/2	14-5/8	20-1/4

### NOTES

Above prices do not include bulbs.

For double filament bulbs see Fig. 532.

With medium screw phenolic sockets Fig. 346, deduct \$1.00 each.

Spare cast bronze watertight caps with gasket, diameter overall 5-3/4", diameter across thread 5". \$9.50 each.

Spare mounting brackets, No. 1 - \$1.75 each. Nos. 2 and 3, \$2.60 each.

Recommended For Size Vessel

No. 1 — 65 to 150 Ft.

No. 2 — 150 to 300 Ft.

No. 3 — Over 300 Ft.



## OIL NAVIGATION LIGHTS FOR VESSELS OVER 65 FT. LONG

American Improved Hinged Top – Bottom Opening

SWIVEL FOUNT FIG. 282 – HINGED BURNER FIG. 242 – LIP CHIMNEY FIG. 267 – FLAT WICK FIG. 302

### SIDE LIGHTS—Fig. 1155

112-1/2 Degree Red and Green Lenses – 10 Point – With Bracket For Mounting

No.	Galvanized Steel Per Pair	Plain Brass Per Pair	Polished Brass Per Pair	Lens Fig. 259 Height Inches	Height Less Handle Inches	Weight Per Pair Pounds
0	\$140.00	\$186.00	\$204.00	5-1/2	13-3/4	14
1	150.00	198.00	218.00	6-3/4	15	16
2	190.00	244.00	268.00	7-1/2	17-1/2	25
3	224.00	280.00	310.00	8-1/2	19-3/4	35



### MASTHEAD, RANGE AND TOWING LIGHTS—Fig. 1156

225 Degree Clear Lens – 20 Point – With Four Lugs For Mounting

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 256 Height Inches	Height Less Handle Inches	Weight Each Pounds
0	\$ 70.00	\$ 93.00	\$102.00	5-1/2	13-3/4	8
1	75.00	99.00	109.00	6-3/4	15	8-3/4
2	95.00	122.00	134.00	7-1/2	17-1/2	15
3	112.00	140.00	155.00	8-1/2	19-3/4	20

With red or green lens (special purpose), add \$12.00 each.  
With amber lens Sizes No. 0, 1 and 2 only, add \$12.00 each.



### STERN LIGHTS—Fig. 1157

135 Degree Clear Lens – 12 Point – With Four Lugs For Mounting

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 269 Height Inches	Height Less Handle Inches	Weight Each Pounds
0	\$ 70.00	\$ 93.00	\$102.00	5-1/2	13-3/4	7
1	75.00	99.00	109.00	6-3/4	15	8
2	95.00	122.00	134.00	7-1/2	17-1/2	11
3	112.00	140.00	155.00	8-1/2	19-3/4	17

With red or green lens (special purpose), add \$12.00 each.  
With 45 degree lens (for suction dredges), add \$16.50 each.  
With amber lens Sizes 0, 1 and 2 only, add \$12.00 each.



### ANCHOR LIGHTS—Fig. 1158

360 Degree Clear Lens – 32 Point – With Four Lashing Eyes And Wire Guard

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 261 Height Inches	Height Less Handle Inches	Weight Each Pounds
0	\$ 70.00	\$ 93.00	\$102.00	5-1/2	13-1/4	8-3/4
1	75.00	99.00	109.00	6-3/4	14-1/2	10
2	95.00	122.00	134.00	7-1/8	17-1/4	17
3	112.00	140.00	155.00	8-1/2	19-3/4	23



### BREAKDOWN LIGHTS—Fig. 1159

360 Degree Red Lens – 32 Point – With Four Lashing Eyes And Wire Guard

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 261 Height Inches	Height Less Handle Inches	Weight Each Pounds
0	\$ 76.00	\$ 99.00	\$108.00	5-1/2	13-1/4	8-3/4
1	83.00	107.00	117.00	6-3/4	14-1/2	10
2	103.50	130.50	142.50	7-1/8	17-1/4	17
3	124.00	152.00	167.00	8-1/2	19-3/4	23

### ELECTRIC ONLY

With Fig. 288 Medium Screw Adapter, use above prices.

With Fig. 1082 3 Wire Mogul Adapter, add \$4.00 each.

### OIL AND ELECTRIC

With Fig. 288 Medium Screw Adapter, add \$7.00 each.

With Fig. 1082 3 Wire Mogul Adapter, add \$11.00 each.

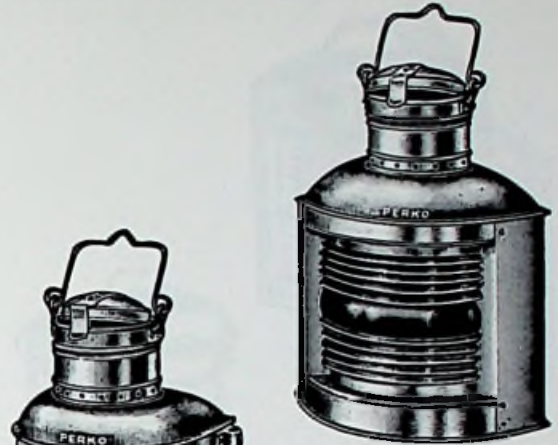


Fig. 1155



Fig. 1156



Fig. 1157



Fig. 1158

Fig. 1159



### Recommended For Size Vessel

No. 0 – 65 to 90 Ft.

No. 1 – 90 to 150 Ft.

No. 2 – 150 to 300 Ft.

No. 3 – Over 300 Ft.



## ELECTRIC NAVIGATION LIGHTS FOR VESSELS OVER 65 FT. LONG

### Flat Top Style – Bottom Opening

#### MEDIUM SCREW 2 WIRE PHENOLIC ADAPTER FIG. 288 FOR SINGLE FILAMENT BULBS



Fig. 30



Fig. 983



Fig. 986

Fig. 32  
Fig. 84

#### Recommended For Size Vessel

No. 0 – 65 to 90 Ft.

No. 1 – 90 to 150 Ft.

No. 2 – 150 to 300 Ft.

#### SIDE LIGHTS—Fig. 30

112-1/2 Degree Red And Green Lenses – 10 Point – With Bracket For Mounting

No.	Galvanized Steel Per Pair	Plain Brass Per Pair	Polished Brass Per Pair	Lens Fig. 259 Height Inches	Height Less Handle Inches	Weight Per Pair Pounds
0	\$114.00	\$158.00	\$174.00	5-1/2	10-1/2	10-1/2
1	120.00	168.00	186.00	6-3/4	11-3/8	12
2	150.00	210.00	232.00	7-1/2	13-1/4	21



#### MASTHEAD, RANGE AND TOWING LIGHTS—Fig. 983

225 Degree Clear Lens – 20 Point – With Four Lugs For Mounting

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 256 Height Inches	Height Less Handle Inches	Weight Each Pounds
0	\$ 57.00	\$ 79.00	\$ 87.00	5-1/2	10-1/2	6-3/4
1	60.00	84.00	93.00	6-3/4	11-3/8	7-1/2
2	75.00	105.00	116.00	7-1/2	13-1/4	12-1/4

With red or green lens (special purpose), add \$12.00 each.  
With amber lens, add \$12.00 each.



#### STERN LIGHTS—Fig. 986

135 Degree Clear Lens – 12 Point – With Four Lugs For Mounting

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 269 Height Inches	Height Less Handle Inches	Weight Each Pounds
0	\$ 57.00	\$ 79.00	\$ 87.00	5-1/2	10-1/2	5-3/4
1	60.00	84.00	93.00	6-3/4	11-3/8	6-1/4
2	75.00	105.00	116.00	7-1/2	13-1/4	9-1/2

With red or green lens (special purpose) add \$12.00 each.  
With 45 degree red lens (for suction dredges) add \$16.50 each.  
With amber lens, add \$12.00 each.



#### ANCHOR LIGHTS—Fig. 32

360 Degree Clear Lens – 32 Point – With Four Lashing Eyes And Wire Guard

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 261 Height Inches	Height Less Handle Inches	Weight Each Pounds
0	\$ 57.00	\$ 79.00	\$ 87.00	5-1/2	9-1/4	7-1/2
1	60.00	84.00	93.00	6-3/4	10-1/4	8-1/2
2	75.00	105.00	116.00	7-1/8	13	12-3/4



#### BREAKDOWN LIGHTS—Fig. 84

360 Degree Red Lens – 32 Point – With Four Lashing Eyes And Wire Guard

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 261 Height Inches	Height Less Handle Inches	Weight Each Pounds
0	\$ 63.00	\$ 85.00	\$ 93.00	5-1/2	9-1/4	7-1/2
1	68.00	92.00	101.00	6-3/4	10-1/4	8-1/2
2	83.50	113.50	124.50	7-1/8	13	12-3/4

#### NOTES

Above prices do not include bulbs.

With 3 wire mogul adapter Fig. 1082 for double filament bulb, add \$4.00 each.



## OIL NAVIGATION LIGHTS FOR VESSELS OVER 65 FT. LONG

Turret Top -- Bottom Opening

SWIVEL FOUNT FIG. 282 -- HINGED BURNER FIG. 242 -- LIP CHIMNEY FIG. 267 -- FLAT WICK FIG. 302

### SIDE LIGHTS--Fig. 21

112-1/2 Degree Red And Green Lenses -- 10 Point -- With Bracket For Mounting

No.	Galvanized Steel Per Pair	Plain Brass Per Pair	Polished Brass Per Pair	Lens Fig. 259 Height Inches	Height Less Ring Inches	Weight Per Pair Pounds
0	\$114.00	\$158.00	\$174.00	5-1/2	14	12-1/2
1	120.00	168.00	186.00	6-3/4	15	13-1/2
2	150.00	210.00	232.00	7-1/2	18-1/2	22



### MASTHEAD, RANGE AND TOWING LIGHTS--Fig. 982

225 Degree Clear Lens -- 20 Point -- With Four Lugs For Mounting

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 256 Height Inches	Height Less Ring Inches	Weight Each Pounds
0	\$ 57.00	\$ 79.00	\$ 87.00	5-1/2	14	7-1/2
1	60.00	84.00	93.00	6-3/4	15	8
2	75.00	105.00	116.00	7-1/2	18-1/2	14

With red or green lens (special purpose), add \$12.00 each.  
With amber lens, add \$12.00 each.



### STERN LIGHTS--Fig. 985

135 Degree Clear Lens -- 12 Point -- With Four Lugs For Mounting

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 269 Height Inches	Height Less Ring Inches	Weight Each Pounds
0	\$ 57.00	\$ 79.00	\$ 87.00	5-1/2	14	6
1	60.00	84.00	93.00	6-3/4	15	6-1/2
2	75.00	105.00	116.00	7-1/2	18-1/2	10-1/2

With red or green lens (special purpose), add \$12.00 each.  
With 45 degree red lens (for suction dredges), add \$16.50 each.  
With amber lens add \$12.00 each.



### ANCHOR LIGHTS--Fig. 23

360 Degree Clear Lens -- 32 Point -- With Four Lashing Eyes And Wire Guard

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 261 Height Inches	Height Less Ring Inches	Weight Each Pounds
0	\$ 57.00	\$ 79.00	\$ 87.00	5-1/2	13-3/8	7-1/2
1	60.00	84.00	93.00	6-3/4	14-3/8	9
2	75.00	105.00	116.00	7-1/8	17-1/2	14



### BREAKDOWN LIGHTS--Fig. 129

360 Degree Red Lens -- 32 Point -- With Four Lashing Eyes And Wire Guard

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 261 Height Inches	Height Less Ring Inches	Weight Each Pounds
0	\$ 63.00	\$ 85.00	\$ 93.00	5-1/2	13-3/8	7-1/2
1	68.00	92.00	101.00	6-3/4	14-3/8	9
2	83.50	113.50	124.50	7-1/8	17-1/2	14

### ELECTRIC ONLY

With Fig. 288 Medium Screw Adapter, use above prices.

With Fig. 1082 3 Wire Mogul Adapter, add \$4.00 each.

### OIL AND ELECTRIC

With Fig. 288 Medium Screw Adapter, add \$7.00 each.

With Fig. 1082 3 Wire Mogul Adapter, add \$11.00 each.



Fig. 21



Fig. 982



Fig. 985



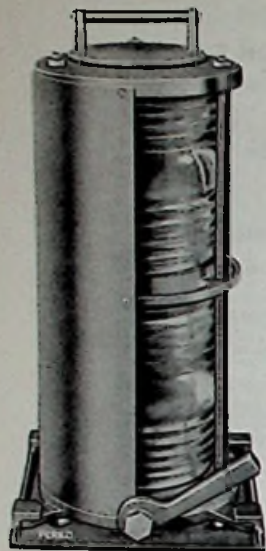
Fig. 23 or 129

Recommended For Size Vessel

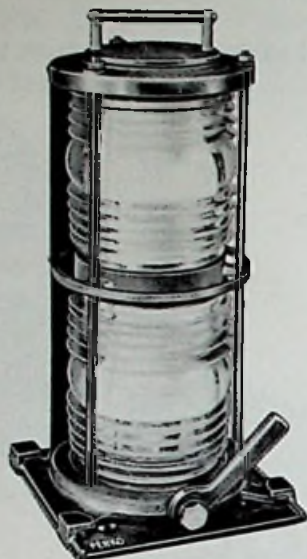
No. 0 -- 65 to 90 Ft.

No. 1 -- 90 to 150 Ft.

No. 2 -- 150 to 300 Ft.



10 Point - 112½°  
Fig. 1164



20 Point - 225°  
Fig. 1165

## TWO LENS NAVIGATION LIGHTS FOR SHIPS

Per I.E.E.E. Specification No. 45 Section 34 Paragraph 34.01  
— Watertight — Electric Only — Cast Bronze — Listed in  
U.S.C.G. — 293 — Misc. Electrical Equipment List

Two individual lights in one body. Each section contains a Fresnel Lens, a medium screw phenolic socket for single filament lamp and a watertight cap for relamping and cleaning. A watertight terminal tube for cable entrance to each section and shields for light angle are included.

Fig.	Description	Degrees of Light	Each
1164-P	Side Light — Port — Red	112-1/2	\$165.00
1164-S	Side Light — Starboard — Green	112-1/2	165.00
1165	Masthead, Range Towing — Clear	225	156.00
1166	Stern — Clear	135	156.00
1167	Anchor — Clear	360	147.00
1168	Breakdown — Red	360	163.00

Height Overall Inches	Height Lens Inches	Weight Pounds
18	6-3/4	30

FIGS. 1165 OR 1166 WITH COLORED LENSES, RED OR GREEN, ADD \$12.00 EACH LIGHT.

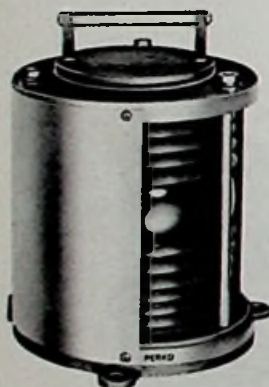


Fig. 1172-P  
Fig. 1172-S



Fig. 1169-Clear  
Fig. 1170-Red

## SINGLE LENS LIGHTS

Per Above Specifications — Cast Bronze

Fig.	Description	Degrees of Light	Each
1169	Anchor — Clear	360	\$88.00
1170	Breakdown — Red	360	96.00
1172-P	Side Light — Port — Red	112-1/2	99.00
1172-S	Side Light — Starboard — Green	112-1/2	99.00
1173	Masthead, Range Towing — Clear	225	96.00
1174	Stern — Clear	135	96.00

Height Overall Inches	Height Lens Inches	Weight Pounds
10	6-3/4	14-1/2

FIGS. 1173 OR 1174 WITH COLORED LENS, RED OR GREEN, ADD \$8.00 EACH.

With 3 wire mogul socket, special construction add \$24.00 each.

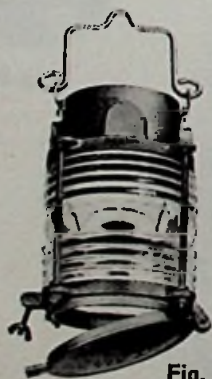


Fig. 412



## NEW PORTABLE SIGNAL LIGHT FIG. 412

Cast Bronze

32 Point — 360 Degrees — Clear Lens  
Medium Screw Electric Socket

Each	Height Overall Inches	Height Lens Inches	Weight Pounds
\$70.00	14-1/2	5-1/2	12-1/4

With colored lens, red, green or amber, add \$7.00 each.  
With 3 wire mogul socket, add \$5.00 each.

Shielded to 112-1/2, 135 or 225 degrees, add \$12.00 each.

## SPARE PARTS

Spare lenses for Fig. 412, see Fig. 261 No. 0.  
Spare lenses for balance, see Fig. 261 No. 1.  
Spare medium screw sockets, for Fig. 412, see Fig. 346 No. 2.  
Spare medium screw sockets for balance, \$1.55 each.

Spare mogul sockets, see Fig. 270.  
Spare lens gaskets, \$1.00 each.  
Spare sockets supports, \$3.00 each.  
Spare caps with gasket, \$11.50 each.





**MAST OR BLINKER SIGNALING LIGHTS—Fig. 403**  
 With Hinged Top For Rebulbing — Cast Bronze — Watertight  
 Plain Finish With 360° Fresnel Lens

Size No.	Height Lens Inches	Height Overall Inches	I.P.S. Thread Inches	Weight Pounds
2	4-1/4	8-1/4	3/4	6
3	5-1/2	9-3/4	1	10

Size No.	Clear Each	Colored Each	Electrical Equipment
2	\$38.00	\$41.00	1 medium screw socket
2-C	42.00	45.00	1 mogul 3 wire socket
3	54.00	61.00	1 medium screw socket
3-D	56.50	63.50	1 mogul 3 wire socket



Fig. 403

Shielded to 112-1/2°, 135°, or 225°, add \$12.00 each.

All above sockets are Phenolic (Bakelite).  
 For spare lenses, see Fig. 261.  
 Colored lenses are red, green or amber.

**BULBS FOR ABOVE**

120 Volt 50 Watt Fig. 340 clear for Nos. 2, 3 \$ .70 each.  
 120 Volt 50/50 Watt Fig. 532 clear for Nos. 2-C, 3-D, \$9.00 each.



**VISIBLE SIGNAL WHISTLE LIGHT—Fig. 494**  
 Cast Bronze Body With Amber Or Clear Lenses — Watertight  
 — Plain Finish

Flashes Brilliant Light in Unison With Whistle Signal —  
 Medium Screw Electric Socket - Hinged Cover for Rebulbing

Has a cylindrical fresnel lens which gives illumination for 360 degrees around the horizon. Another circular fresnel lens on top of the light beams rays skyward which reflect from the moisture in the atmosphere to provide a distinctive illuminated backdrop.

Each	Height Lens Inches	Height Overall Inches	I.P.S. Thread Inches	Weight Pounds
\$79.00	5-1/2	9-3/4	1	10

Please specify color otherwise amber will be shipped.



Fig. 494

**TOWING OR SIGNAL LIGHTS—Figs. 540, 541 & 542**  
 All Cast Bronze — With Watertight Box — Medium Screw  
 Socket — Clear Fresnel Globes — Cast Bronze Guard

**SINGLE — DOUBLE AND TRIPLE LIGHTS**  
 (Triple not illustrated)

Fig.	Each	Height Overall Inches	Weight Pounds
540	Single \$33.00	10-1/4	6-3/4
541	Double 78.00	46-1/2	16
542	Triple 119.00	82-1/2	25-1/2

Note: Double and triple lights with 1/2 inch brass pipe, lights 3 feet apart. Globe accommodates bulb up to 2-3/8 inch diameter inclusive.

TAPPING Fig. 540 with 1/2 inch pipe tap, add \$1.50, with two 1/2 inch pipe taps, add \$2.00

Figs. 541 and 542 are tapped for the connecting pipe only. If additional taps are required, see above.

SPARE GLOBES clear Fig. 106, \$4.20 each.

COLORED GLOBES can be supplied. Colors are red, green, blue or amber. Add \$2.25 for each globe.

SPARE SOCKETS Porcelain Fig. 222 No. 1, \$1.05 each.

SPARE GUARDS Cast Bronze, \$7.50 each.



Fig. 540

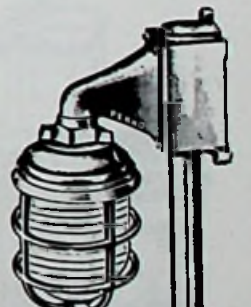
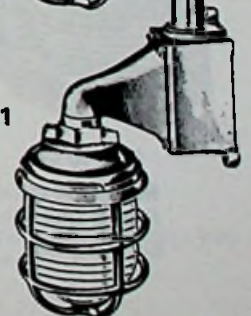


Fig. 541





## SELF CONTAINED BATTERY NAVIGATION LIGHTS

For Oil Carriers, Barges, Scows, Etc.



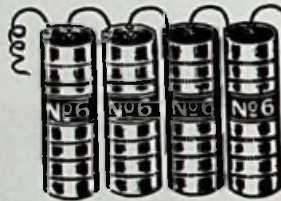
**Fig. 1001**  
Side Lights  
112½ Degrees



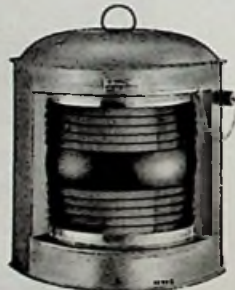
**Fig. 1002**  
Masthead or  
Range Light  
225 Degrees



**Fig. 1003**  
Stern Light  
135 Degrees



Standard No. 6  
Dry Cells used with  
These Lights



**Fig. 1008**  
Side Lights  
112½ Degrees



**Fig. 1013**  
Masthead or  
Range Light  
225 Degrees



**Fig. 1014**  
Stern Light  
135 Degrees

### Watertight Type

Figs. 1001, 1002 & 1003

FOR 4 NO. 6 DRY CELLS IN SERIES – PARALLEL  
(3 VOLTS) – WITH SWITCH

	Fig. 1001	Fig. 1002		Fig. 1003	
	Red and Green Per Pair	Clear Each	Amber Each	Clear Each	Amber Each
Galvanized	\$165.00	\$105.00	\$118.00	\$105.00	\$118.00
Spare Lenses	34.50	28.00	39.00	16.75	26.50

### DIMENSIONS

Fig.	Height Lens Inches	Height Less Handle Inches	Weight Pounds
1001	6-3/4	11-1/2	17
1002	7-1/2	13-1/2	15
1003	7-1/2	13-1/2	12

Above prices include bulbs, no batteries.

Spare bulbs, double contact 2.9 volts, .15 amp. Fig. 337, \$2.50 each.



### Waterproof Type

Figs. 1008, 1013 & 1014

FOR 2 NO. 6 DRY CELLS IN SERIES WITH SWITCH

	Fig. 1008	Fig. 1013		Fig. 1014	
	Red and Green Per Pair	Clear Each	Amber Each	Clear Each	Amber Each
Galvanized	\$128.00	\$87.00	\$101.00	\$87.00	\$101.00
Spare Lenses	34.50	28.00	39.00	16.75	26.50

### DIMENSIONS

Fig.	Height Lens Inches	Height Less Handle Inches	Weight Pounds
1008	6-3/4	11-1/4	13
1013	7-1/2	13	12
1014	7-1/2	13	9-1/4

Above prices include bulbs, no batteries. Bulb is double contact, 2.9 volts, .15 amp. Fig. 337, \$2.50 each. Battery containers as illustrated, complete with reflector, socket, bulb and switch, without batteries, \$20.00 each.



### 30 DAY BATTERY ANCHOR LIGHT—Fig. 470

360 Degree Clear Fresnel Lens — Waterproof — With Switch and 6 Volt .04 Amp. Bulb

For use with four standard 1-1/2 volt dry cells such as Eveready No. 6, readily obtainable.

No.	Galvanized Steel Each	Plain Brass Each	Height Lens Inches	Height Overall Inches	Weight Pounds
1	\$50.00	\$57.50	4-1/4	14-1/2	5-1/2
2	68.00	76.50	5-1/2	15-3/4	8

Light shielded to 112-1/2, 135 or 225 degrees, add \$12.00 Each.

Spare Battery Containers, Galv. \$15.00 each. Brass \$19.00 Each.

★  
FIG. 443

This light is same construction as Fig. 470 No. 1 with a larger container for 8 dry cells. The bulb supplied is 6 Volt, .4 Amps., 1.5 C.P. The batteries to be wired series parallel. The purpose, to offer greatly increased candle-power but less life.

Galvanized Steel Each	Height Overall Inches	Weight Pounds
\$74.50	22	6



### 60 DAY BATTERY ANCHOR LIGHT—Fig. 474

360 Degree Clear Fresnel Lens — Waterproof — With Switch and 6 Volt .04 Amp. Bulb

Uses 6 standard 1-1/2 volt No. 6 dry cells available anywhere.

Galvanized Steel Each	Plain Brass Each	Height Lens Inches	Height Overall Inches	Weight Pounds
\$89.00	\$95.00	5-1/2	16-3/4	9

Light shielded to 112-1/2, 135 or 225 degrees, add \$12.00 each.

Spare Battery Containers, Galv. \$19.00 each. Brass \$24.00 each.



### 60 DAY BATTERY FLASHING LIGHT—Fig. 485

360 Degree Clear Fresnel Lens — Waterproof — With Watertight Switch and 5 Volt .09 Amp. Bulb

Flashes continuously at 75 to 80 flashes per minute.

Supplied complete with incandescent bulb, sealed watertight timing mechanism and 4 No. 6 Dry Cells. All wired and hooked up ready for operation. Replacement batteries available anywhere.

Galvanized Steel Each	Plain Brass Each	Height Lens Inches	Height Overall Inches	Weight Pounds
\$104.00	\$110.00	4-1/4	14-1/2	13

Light Shielded to various degrees. Add \$12.00 Each.



### SPARE PARTS FOR FIGS. 443, 470 & 474

- No. 1 Red, Green or Amber Lens, add \$3.50 each.
- No. 2 Red, Green or Amber Lens, add \$7.50 each.
- Spare Bulbs, 6 Volt .04 Amp. Miniature Base. \$.40 each.
- Spare Lenses Fig. 261.
- Spare Switches Fig. 745.
- Spare Sockets, \$.60 each.
- Spare Socket Holder with socket, \$2.65 each.

### SPARE PARTS FOR FIG. 485

- Spare Bulbs, \$.55 each.
- Spare Timing Mechanisms, \$25.00 each.
- With Red, Green or Amber Lens, add \$3.50 each.
- Spare Lenses, see Fig. 261. Spare Switches, see Fig. 745.
- Spare Battery and Timer Containers, Galvanized, \$15.25 each. Brass \$20.00 each.



Fig. 470

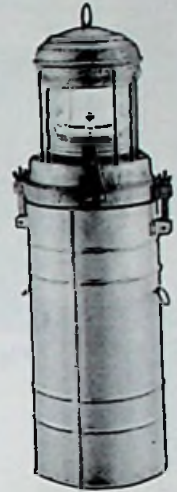


Fig. 443

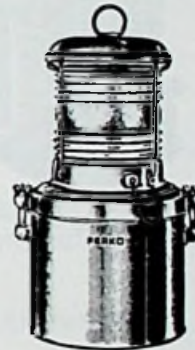


Fig. 474



Fig. 485



## "PERKO" Bridge and Pier Lights

In strict accordance with specifications and regulations of the Treasury Department, U. S. Coast Guard, on marking and lighting of bridges. See "Aids To Navigation" C.G. 208 Subpart 68.15, January 1st, 1953 with amendments.



Fig. 29

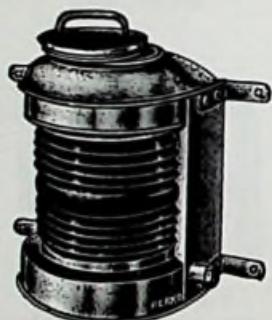


Fig. 31



Fig. 59

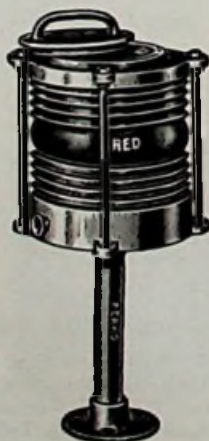


Fig. 126

### REGULATION PIER LIGHTS

For Piers, Axis, Abutments, Channel Sides, or Channel Margins. 180 Degree Red Fresnel Lens. Body of Sheet Steel or Sheet Brass. Electric Socket Is Medium Screw

Fig. 29—For electric only. With bottom opening and brass swivel electric adapter.

Fig. 31—Watertight, for electric only, with cast bronze threaded cap and brass packing gland for cable.

Fig. 59—For Oil only, Electric only, or Oil and Electric. Has bottom opening and brass swivel fount with burner, wick and chimney for oil, or brass electric adapter for electricity. Both supplied for "Oil and Electric."

All above supplied with four brackets for mounting.

Fig.		Galv. Steel Each	Plain Brass Each	Height Lens Inches	*Height Overall Inches
29	Electric only	\$ 89.00	\$119.00	7-3/8	13-1/4
31	Electric only	108.00	138.00	7-3/8	13-1/4
59	Oil or Electric	89.00	118.00	7-3/8	18
59	Oil and Electric	96.00	125.00	7-3/8	18

		Width Overall Inches	Size Base Inches	Weight Pounds
29	Electric only	14-1/2	9-7/8x9-1/8	10-1/4
31	Electric only	14-1/2	9-7/8x9-1/8	12
59	Oil or Electric	14-1/2	9-7/8x9-1/8	12
59	Oil and Electric	14-1/2	9-7/8x9-1/8	12

With Clear Lens for main channel markers on fixed bridges or with green or amber lens for special purpose, use above prices. Fig. 59 not available in clear.

\*Height of light does not include handle or ring.

### SPARE PARTS

	Each
Fresnel Lenses, Fig. 260, Mld. 59	\$28.00
Electric Socket	1.30
Electric Adapter, Fig. 288, No. 2	7.25
Oil Fount, Fig. 282, No. 2	7.25
Oil Burner, Fig. 242, No. 2	3.75
Oil Wicks, Fig. 302, No. 2	.13
Chimneys, Fig. 267, No. 2	1.70

### SPECIAL PURPOSE LIGHTS ON PEDESTAL—Fig. 126

With 360 Degree Red, Green or Clear Lens. For Sheer Booms, Isolated Piers, Obstructions, etc. Cast Bronze or Cast Aluminum — Plain Finish — Watertight — Electric Only

Mounted on 1" brass pipe and good sturdy cast bronze flange. Has medium screw socket. Cast threaded cap.

Cast Bronze Each	Cast Aluminum Each	Height Lens Inches	*Height Overall Inches	Bronze Weight Pounds
\$145.00	\$120.00	7-1/8	19	24

Mounted on 1-1/2" Brass Pipe and Flange, add \$16.50 Each. Mounted on 2" Brass Pipe and Flange, add \$34.00 Each.

This light can be supplied shielded to various degrees. Prices on application.

\*Height of light does not include handle. Special Heights available. Prices on request.



## REGULATION PIER LIGHTS

Cast Bronze or Cast Aluminum – Plain Finish – Watertight. For Piers, Axis, Abutments, Channel Sides or Channel Margins. 180 Degree Red Fresnel Lens. Electric Only – With Medium Screw Socket.

Fig. 1005—Has four integral mounting lugs drilled for 3/8 inch diameter bolt and brass packing gland for cable.

Fig. 125—This is fig. 1005 mounted on 1 inch brass pipe and good sturdy cast bronze flange.

Fig. 1010—This is fig. 1005 mounted on 2 inch brass pipe and fittings. Standard length of pipe "A" is 3-1/2 inches.

Fig.	Cast Bronze Each	Cast Aluminum Each	Height Lens Inches	*Height Overall Inches
1005	\$145.00	\$126.00	7-3/8	9-1/4
125	171.00	138.00	7-3/8	19
1010	205.00	176.00	7-3/8	17-1/2

	Width Light Inches	Size Base Inches	Bronze Weight Pounds
1005	**9-1/4	8-3/4x7-3/8	18-3/4
125	8-1/4	5	24
1010	8-1/4	6	28

\*Height of light does not include handle.

\*\*Width is to centers of mounting holes

Fig. 125 mounted on 1-1/2" brass pipe and flange, add \$15.00 each. Fig. 125 mounted on 2" brass pipe and flange, add \$34.00 each.

With clear lens for main channel markers on fixed bridges or with green or amber lens for special purpose, use above prices.

NOTE—Figs. 125 and 1010 with special length of pipe, add \$16.50 set up charge then the following for length longer than standard.

- 1" pipe—add \$.55 per inch
- 1-1/2" pipe—add .95 per inch
- 2" pipe—add 1.25 per inch



Fig. 125

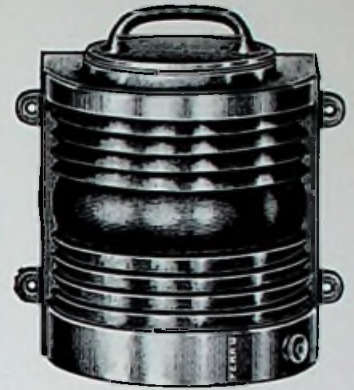


Fig. 1005

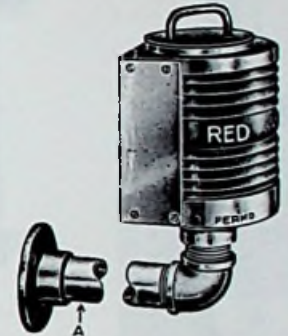


Fig. 1010

## LIGHT COLORS AND HORIZONTAL ARCS OF VISIBILITY IN ACCORDANCE WITH "AIDS TO NAVIGATION" REGULATIONS ON LIGHTING FOR BRIDGES



**180 DEGREE RED** — For piers, axis, abutments, channel sides or channel margins



**180 DEGREE CLEAR** — For main channel markers on fixed bridges. Electric only.



**360 DEGREE RED, GREEN OR CLEAR** — For sheer booms, isolated piers and obstructions not part of the bridge or bridge approach structure. May be shielded to various degrees as required.



**60 OR 90 DEGREE ALTERNATE RED AND GREEN** — For draw span of draw bridges or swing span of through swing bridges. When required for swing span of deck or half-through swing bridges, one red lens is shielded.



**360 DEGREE GREEN** — For mid-channel or channel center, for span of fixed bridge over a navigable channel.



**180 DEGREE GREEN AND RED** — For span of single and double-lift bascule bridges. Green when lift span is fully open for navigation, red for all other positions of lift span.

## SPARE PARTS FOR BRIDGE AND PIER LIGHTS

**180 DEGREE LENSES**—For Figs. 22-29-31-59-125-1005-1010-1012. Clear \$20.00 each. Colored \$28.00 each.

**360 DEGREE LENSES**—For figs. 68-80-126-1006-1011. Clear \$21.00 each, Colored \$32.00 each.

**WATERTIGHT CAPS** complete with rubber gasket and safety chain For figs. 22 - 31 - 35 - 39 - 125 - 126 - 127 - 1005 - 1006 - 1007 - 1010 - 1011 - 1012 \$9.50 each.

**RUBBER GASKETS**—For caps . . . . . \$ .35 each.

**RUBBER GASKETS**—For 360 degree lenses \$3.00 each.

**ELECTRIC SOCKETS**—Medium screw — For all lights \$1.20 each.

**SOCKET SUPPORTS**—Brass - For all watertight electric lights . . . . . \$1.70 each.

**ELECTRIC ADAPTER**—For figs. 29-50-59-68-80 \$7.25 each.

**OIL FOUNTS**—Brass - For figs. 50-59-80 . . . \$7.25 each.

**OIL BURNERS**—Brass—For above founts . . \$3.75 each.

**OIL WICKS**—For above burners . . . . . \$ .13 each.

**CHIMNEYS**—For above burners . . . . . \$1.80 each.



Fig. 35

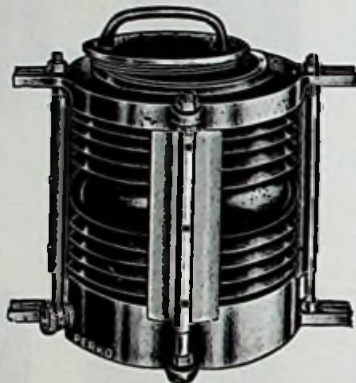


Fig. 39



Fig. 50



Fig. 68

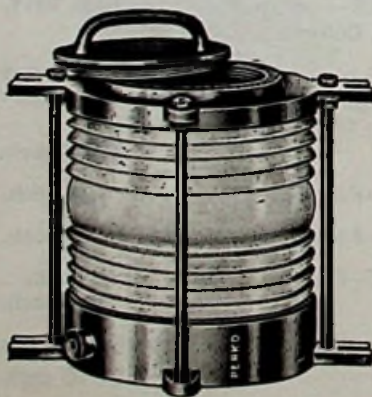


Fig. 1006



Fig. 80

**REGULATION SWING, DRAW OR FOLDING BRIDGE LIGHTS**

For Span of Through, Deck and Half Through Swing Bridges or Single Opening Draw Bridges with Alternate Red and Green 60 or 90 Degree Fresnel Lenses. Socket is Medium Screw.

Fig. 35—Watertight, for electric only. Made of sheet metal, either galvanized steel or brass with cast bronze threaded cap and brass packing gland for cable.

Fig. 39—Watertight, for electric only. Made of cast bronze or cast aluminum in plain finish. With cast threaded cap and packing gland for cable.

Fig. 50—For Oil, Electric or Oil and Electric. Made of sheet metal, either galvanized steel or brass. Has bottom opening and brass swivel fount with burner, wick and chimney for oil, or adapter for electricity. Both supplied for "Oil and Electric."

FIG.	Galv. Each	Plain Brass Each	Cast Bronze Each	Cast Aluminum Each	Spare Lenses Each
35 Elec. only	\$120.00	\$156.00			\$13.00
39 Elec. only			\$191.00	\$169.00	13.00
50 Oil or Elec.	101.00	134.50			13.00
50 Oil and Elec.	108.00	141.50			13.00

FIG.	Height Lens Inches	Height Overall Inches	Bronze Weight Pounds
35 Elec. only	7-3/8	13-1/4	14-1/4
39 Elec. only	7-3/8	11-3/4	21
50 Oil or Elec.	7-3/8	18	14
50 Oil and Elec.	7-3/8	18	14-1/2

60 Degree Lenses are standard and will be shipped unless 90 degree is specified.

Supplied with one lens shielded for 3-way light (one red, two green) use above prices. Specify.

Fig. 39 - Mounted on pedestal per Fig. 126, 1" pipe add \$16.50 each. 1-1/2" pipe add \$33.00 each. 2" pipe add \$51.00 each.

**REGULATION MID-CHANNEL SPAN LIGHTS**

For Fixed Bridges - 360 Degree Green Fresnel Lens - Electric Socket Is Medium Screw.

Fig. 68 - For electric only, with bottom opening and brass swivel electric adapter. Made of sheet metal, either galvanized steel or brass.

Fig. 1006 - Watertight, for electric only. Made of cast bronze or cast aluminum in plain finish. With cast threaded cap and brass packing gland.

Fig. 80 - For oil only, electric only, or oil and electric. Made of sheet metal, either galvanized steel or brass. Has bottom opening and brass swivel fount with burner, wick and chimney for oil, brass electric adapter for electricity.

FIG.	Galvanized Steel Each	Plain Brass Each	Cast Bronze Each	Cast Aluminum Each
68 Electric only	\$ 83.50	\$113.50		
1006 Electric only			\$118.00	\$103.00
80 Oil or Elec.	103.50	130.50		
80 Oil and Elec.	110.50	137.50		

FIG.	Height Lens Inches	*Height Overall Inches	Bronze Weight Pounds
68 Electric only	7-1/8	12-3/4	13
1006 Electric only	7-1/8	9-1/2	19
80 Oil or Elec.	7-1/8	17-1/4	15-1/2
80 Oil and Elec.	7-1/8	17-1/4	15-1/2

Fig. 1006 - Mounted on pedestal, see Fig. 126.

Can be supplied with clear or red lenses for special purpose.



## REGULATION MID-CHANNEL SPAN LIGHTS WITH PIVOT MOUNTING—Fig. 1011

Cast Bronze or Cast Aluminum — Plain Finish Watertight — Electric Only — Medium Screw Socket 360 Degree Green Fresnel Lens — 2 Inch Pipe

This is Fig. 1006 with pivot mounting allowing light to be seen beneath the bridge yet can be swung to the upper level for rebulbing or cleaning. Entrance is through cast threaded cap in bottom of light body. Standard length at "A" and "B" is 2 inches.

Cast Bronze Each	Cast Aluminum Each	Height Lens Inches	*Height Overall Inches	Bronze Weight Pounds
\$224.00	\$193.00	7-1/8	20-1/4	36

With Alternate Red and Green 60 degree or 90 degree Lenses per Fig. 39, add \$38.50 Each.

Special length of pipe at "A" or "B", add \$16.50 set up charge then \$1.25 for each additional inch.

\*Height does not include handle.

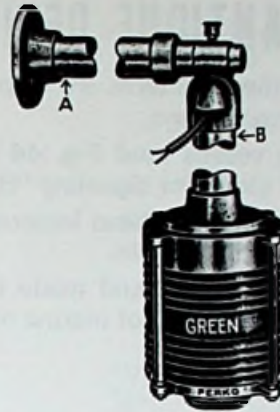


Fig. 1011



Fig. 22

## LIFT SPAN LIGHTS FOR BASCULE BRIDGES

For Single and Double Lift Bridges. 180 Degree Red and Green Fresnel Lenses. Cast Bronze or Cast Aluminum Plain Finish — Watertight — Electric Only — Medium Screw Socket

Fig. 22 — Swinging type with fixed extension. Pipe is 2 inch size, 6 inches long. Light contains two medium screw sockets, one for each lens. Entrance for rebulbing or cleaning is through two 4-1/2 inch openings, one in back of upper section, the other in bottom of lower section, both closed by threaded cast caps. Complete with brass grease cup.

Fig. 127 — Fixed type, has eight integral mounting lugs, drilled for 3/8 inch diameter bolt. Two brass packing glands for cable and two threaded caps for entrance to each section.

Fig. 1012 — Swinging type with pipe extension, pipe "A" and "B" is 2 inch size, 2 inches long at "A" and 6 inches long at "B". Light is the same as Fig. 22 above.

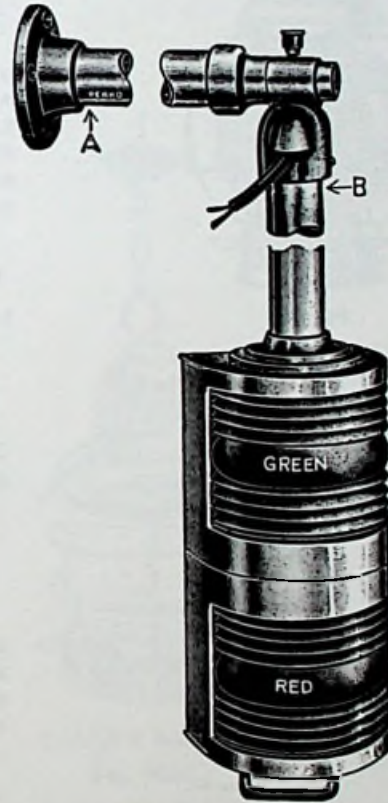


Fig. 1012



Fig. 127

Fig.	Cast Bronze Each	Cast Aluminum Each	*Height Overall Inches	Height Lens Inches	Bronze Weight Pounds
22	\$383.00	\$327.00	30-1/2	7-3/8	54
127	304.00	254.00	18-1/2	7-3/8	36
1012	448.00	387.00	32	7-3/8	56

Supplied in special color combinations if required . . . such as two red or two green lenses . . . also clear or amber lenses at above prices. Special length of pipe at "A" or "B", add \$16.50 set up charge then \$1.25 for each additional inch.

\*Height does not include handle.



## ANTIQUE DESIGN SHIPS LANTERNS

Although these lanterns are manufactured now the design is unchanged from that of centuries ago.

Old sailing vessels used Fig. 44 with a clear globe for cabin illumination and with a red globe for signaling "Breakdown" or "Not Under Command."

The oil burning bulkhead lantern Fig. 46 was used for illumination in cabins, passageways, decks, etc.

These lanterns are hand made for outdoor use by the countries oldest and leading manufacturer of marine navigation lights. They are authentic marine lanterns, not imitations.

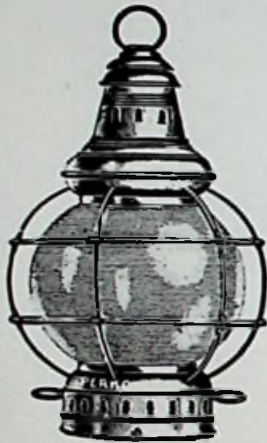


Fig. 44

### OIL SIGNAL LIGHT—Fig. 44 With Clear Globe

No.	Diam. Globe Inches	Galvanized Steel Each	Polished Brass Each	Height Overall Inches	Weight Pounds
1	6	\$29.50	\$38.50	11	3
2	8	36.00	46.00	14-1/2	6
3	10	65.00	80.00	17-3/8	8-1/2

Distress Light with Red Globe, Add \$8.00 Each.

Also available blue or white frosted globe —

Same price as red.

Electric with Medium Screw Socket, same price.

#### SPARE PARTS

Size	Globes	Burners	Oil Founts	Elec.
6	Fig. 264	Fig. 246 No. 0	Fig. 287	Fig. 274
8	Fig. 264	Fig. 246 No. 1	Fig. 286	Fig. 292
10	Fig. 264	Fig. 242 No. 2	Fig. 282	Fig. 288

10 Inch Size supplied with Fig. 267 Chimney.



Fig. 46

### OIL BULKHEAD LANTERN—Fig. 46 Polished Brass

No.	Each	Size Body Inches
1	\$69.00	7 x 9-1/2 x 13
2	81.00	9 x 13 x 17

Spare brass founts only, \$9.00 each. Specify size required.

Spare reflectors, \$6.50 each. Specify size required.

Spare burners, see Fig. 242 No. 2.

Spare chimneys, see Fig. 267 No. 2.



Fig. 1045

### ELECTRIC BULKHEAD LANTERN—Fig. 1045 With Medium Screw Electric Socket — Polished Brass

No.	Each	Dimensions Inches
1	\$73.00	7 x 9-1/2 x 13
2	85.00	9 x 13 x 17





### ELECTRIC SIGNAL LIGHT—Fig. 1032

Canopy and Chain With White Frosted Globe — Polished Brass  
Supplied with 12 inches of chain and dome glass bottom for illumination of deck.

No.	Each	Height Lamp Only Inches	Diam. Globe Inches	Approx. Weight Pounds
1	\$48.00	11	6	3
2	55.00	14	8	4-1/2
3	83.50	16-1/2	10	6-1/2

With colored Globe Nos. 1 and 3 (red or blue), No. 2 (red, green or blue), add \$2.50 each.

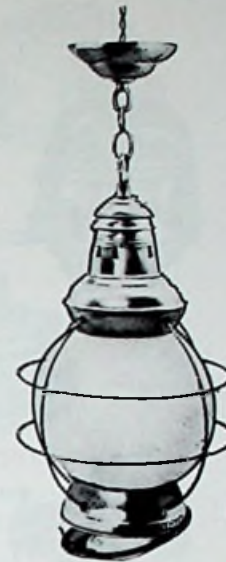


Fig. 1032

### ELECTRIC ANCHOR LIGHTS

With dome glass bottom for illumination of deck.  
Globe is clear Fresnel  
All Brass — Medium Screw Electric Socket — Wired

#### Flush Canopy—Fig. 1023

No.	Polished Brass Each
1	\$28.00
2	33.00



FLUSH CANOPY  
Fig. 1023

#### Canopy and Chain — Fig. 1024

No.	Polished Brass Each
1	\$29.00
2	34.50
3	97.00
4	116.00

Length of Chain, 12 inches



CANOPY AND CHAIN  
Fig. 1024

#### Wall Bracket — Fig. 1025

No.	Polished Brass Each
1	\$29.50
2	35.50

Sizes No. 1 and 2 Have Vertical Guards Only Per Illustration of Fig. 1023.



WALL BRACKET  
Fig. 1025

### Dimensions: Figs. 1023, 1024 & 1025

No.	Height Lamp Only Inches	Diam. Lamp Inches	Height Lens Inches	Approx. Weight Pounds	COLORED LENSES			
					Red	Green	Amber	Frosted
1	8-5/8	4-1/2	3-5/16	3	1			\$2.50
2	11-3/4	5-5/8	4-1/4	4	2			2.90
3	14-1/2	7-1/2	6-3/4	10	3			6.50
4	17-3/4	9-3/4	7-1/8	14	4			7.75



Fig. 242



Fig. 246



Fig. 302

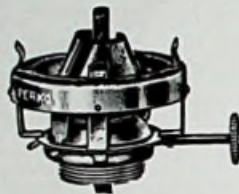


Fig. 245



Fig. 272

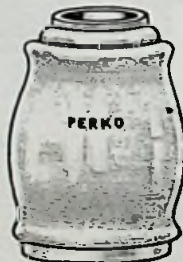


Fig. 262



Fig. 267



Fig. 230



Fig. 231



Fig. 264



Fig. 94



Fig. 173

### HINGE BURNERS—Fig. 242

All Brass

Used in all cabin lamps, large running lights, bulkhead lamps.

No.	Per Dozen	Diam. Thread Inches	Width Wick Inches
2	\$45.00	1-1/4	7/8



### BRASS BURNERS—Fig. 246

No. 0 used in Class 1 lights. No. 1 used in Classes 2 & 3 Lights

No.	Per Dozen	Diam. Thread Inches	Width Wick Inches
0	\$14.40	7/8	1/2
1	14.40	7/8	5/8



### FLAT WICKS—Fig. 302

	Per Dozen
Flat Wicks, No. 0, 1/2 inch wide	\$1.20
Flat Wicks, No. 1, 5/8 inch wide	1.32
Flat Wicks, No. 2, 7/8 inch wide	1.56



### LONG TIME BURNER AND CHIMNEY—Figs. 245 & 272

Brass — Used in 10-day Anchor Light Fig. 596

Burners Per Dozen	Chimneys Per Dozen	Wicks Per Dozen	Height Chimney Inches	Diameter Chimney Inches
\$72.00	\$21.60	\$3.00	1-3/4	1-1/2



### NAVY LANTERN GLOBE—Fig. 262

Standard equipment on Navy Lantern Fig. 49. Diameter of top — 2-1/2 inches. Diameter of bottom — 4 inches. Overall height — 6-1/2 inches. Net weight per dozen — 9 pounds.

Clear Each	Red Each	Green Each	Blue Each
\$4.50	\$8.00	\$6.50	\$6.50



### LIP OR DUAL CHIMNEYS—Fig. 267

No.	Per Dozen	Height Inches	Diam. Bottom Inches
2	\$21.60	6	2-1/16



### HORNET CHIMNEY AND BURNER—Figs. 230 & 231

Clear Chimney — Brass Burner

Used on Cabin Lamp Fig. 141 Size 1 and Fig. 168 Size 0. Burner uses Flat Wick Fig. 302, No. 0

Chimneys Per Dozen	Burners Per Dozen	Chimney Size Inches	Burner Thread Inches
\$12.00	\$20.40	4-5/8 x 1-1/2	7/8



### ROUND GLOBES—Fig. 264

For Fig. 44 Globe or Distress Lights. Supplied in clear, colored or frosted. Colors are Red, Green or Blue. 6 and 10 Inch sizes NOT available in green.

Size Inches	Clear Each	Frosted or Colored Each	Diameter		Height Overall Inches
			Top Inches	Bottom Inches	
6	\$ 8.25	\$13.00	3-1/8	3-1/8	6-3/16
8	11.00	17.50	4	4	7-1/2
10	16.50	26.00	5-3/8	5-3/8	10-1/8



### EAGLE CHIMNEY AND BURNER—Figs. 94 & 173

Fig. 94 is 6-1/2 or 8-1/2 inches high and 3 inches diameter base. Base Weight — 4 ounces. Please specify height.

Clear. . . . . \$16.80 per dozen  
Frosted. . . . . \$19.20 per dozen

Fig. 173 uses Flat Wick Fig. 302, No. 2. Thread diameter is 1-3/16 inches. Weight is 1-1/2 ounces. All Brass \$18.00 per dozen.



## OIL FOUNTS AND ELECTRIC ADAPTERS

All Brass

### SPRING TYPE—For Motorboat Lights

Fig.	Each	Diameter Overall Inches	Opening In Light Inches	Weight Per Dozen Pounds
286	\$3.60	3-5/8	3-3/16	2-1/2
291	5.00	3-5/8	3-3/16	3
292	5.00	3-5/8	3-3/16	3-1/2
733 Oil or Electric	3.60	3-1/2	2-5/8	2



Fig. 286  
Oil



Fig. 733  
Oil or Electric



Fig. 291  
Electric  
Double Contact



Fig. 292  
Electric  
Medium Screw

For Lights Figs.

Fig. 286	06-17-18-19-20-49-97 and 44, 8 inch size
Fig. 291	4-5-06-17-18-19-20-97
Fig. 292	06-17-18-19-20-49-97 and 44, 8 inch size
Fig. 733	1

### SWIVEL TYPE—For Motorboat Lights

Fig.	Each	Diameter Overall Inches	Opening In Light Inches	Weight Per Dozen Pounds
274	\$5.00	4-1/2	4	4
287	3.60	4-1/2	4	3
293	5.00	4-1/2	4	4



Fig. 287  
Oil



Fig. 274  
Electric  
Medium Screw

For Lights Figs.

Fig. 274	44, 6 inch size
Fig. 287	02-69 and 44, 6 inch size
Fig. 293	02-69 and 44, 6 inch size



Fig. 293  
Electric  
Double Contact

### For Lights for Vessels Over 65 Feet Long

Size No.	Fig. 282 Only Each	*Fig. 282 Complete Each	Fig. 288 Each	Fig. 1082 Each
0	\$6.25	\$11.75	\$7.25	\$11.00
1	6.25	11.75	7.25	11.00
2	7.25	12.50	7.25	11.00

\*Complete with Burner, Wick and Chimney

Size No.	Height Fig. 282 Inches	Diameter Overall Inches	Diameter Opening In Light Inches
0	2-7/8	4-3/4	3-3/4
1	3-1/2	4-3/4	3-3/4
2	4-1/2	5-3/4	4-3/4

Note — Size No. 2 is also used in all No. 3 size lights on page 29.



Fig. 282  
Oil



Fig. 288  
Electric  
2 Wire  
Medium Screw

### For Royal Lights Figs. 89, 91, 98 and 99.

Fig.	Each	Diam. Overall Inches	Opening in Light Inches	Weight Ounces
138	\$2.50	2-3/16	1-7/8	1-1/2

Specify whether for Class 1, 2, or 3



Fig. 1082  
Electric  
3 Wire  
Mogul



Fig. 138  
Double Contact

### NOTES

Oil burners and wicks, see Figs. 242, 246, and 302.  
D. C. Electric Socket for Figs. 138, 291, 293. See Fig. 52.  
Medium screws sockets for Figs. 274, 288 and 292, see Fig. 346, No. 1.  
Chimneys — See Fig. 267



# FRESNEL LENSES

FOR SIDE AND COMBINATION LIGHTS  
112-1/2 DEGREES

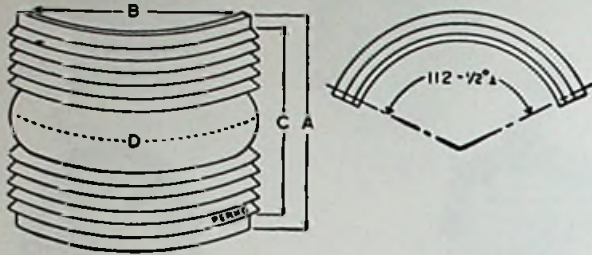


Fig. 259

For Motor Boats	A In.	B In.	C In.	D In.	Red or Green Each
Class 1	3-5/16	2-9/16	2-7/8	3-5/8	\$3.30
Class 2	4-1/4	3-3/16	3-11/16	4-3/4	4.25
Class 3	5-3/16	3-11/16	4-3/8	5-9/16	5.50

For Vessels Over 65 ft.

No. 0	5-1/2	5-3/4	5	8-5/16	\$13.00
No. 1	6-3/4	6	6	8-5/8	17.25
No. 2	7-1/2	8-1/2	6-7/8	11-3/8	23.00
No. 3	8-1/2	9-3/4	7-3/4	13	27.00

FOR ANCHOR LIGHTS—360 DEGREES

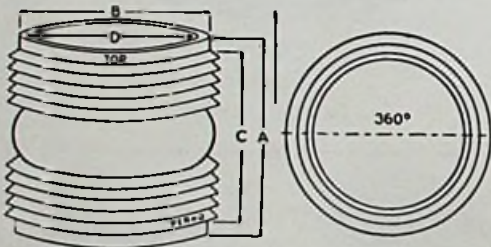


Fig. 261

For Motor Boats	A In.	B In.	C In.	D In.	Clear Each	Colored Each
Junior	3-5/16	3-3/16	2-7/8	2-3/4	\$3.20	\$4.00
Senior	4-1/4	4	3-9/16	3-7/16	3.90	5.75

For Vessels Over 65 Ft.

No. 0	5-1/2	5-1/2	5	4-3/8	\$13.00	\$21.00
No. 1	6-3/4	5-1/4	6-1/8	4-1/2	18.00	27.00
No. 2	7-1/8	7-5/16	6-1/8	6-7/8	21.00	32.00
No. 3	8-1/2	8-1/2	7-3/4	7-3/4	27.00	42.00

COLORS AVAILABLE

SIZE

Junior  
Senior, 0, 1, 2  
3

COLORS

Red, Green, Amber, Blue  
Red, Green, Amber  
Red

FOR BOW LIGHTS—180 DEGREES

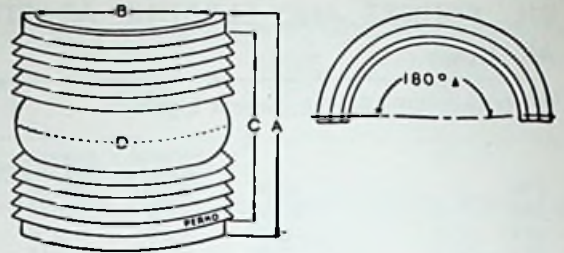


Fig. 260

For Motor Boats	A In.	B In.	C In.	D In.	Clear Each	Colored Each
Class 1	3-7/16	2-3/4	2-7/8	5-3/8	\$4.00	\$ 6.50
Class 2	4-1/4	3-1/4	3-5/8	6-3/8	4.25	6.75
Class 3	5-3/16	3-7/8	4-9/16	7-13/16	5.50	8.25
Mld. 59	7-3/8	6-7/8	6-3/8	12-5/8		28.00

COLORS AVAILABLE

SIZE

Classes 1, 2, 3  
Mld 59

COLORS

Green, Blue, Amber  
Red, Green, Amber

FOR MASTHEAD LIGHTS—225 DEGREES

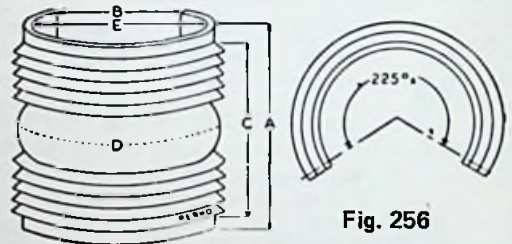


Fig. 256

	A In.	B In.	C In.	D In.	E In.	Clear Each	Colored Each
Class 1	3-5/16	3	2-7/8	7-1/8	2-3/4	\$ 3.75	
Class 2	4-1/4	3-3/8	3-5/8	8-3/8	3-1/4	4.60	
Class 3	5-1/8	3-1/4	4-1/2	10-1/8	4	5.75	
No. 0	5-1/2	4	5	12-1/8	4-3/8	14.50	\$27.00
No. 1	6-3/4	4	6	12-1/8	4-1/2	18.75	31.50
No. 2	7-1/2	5-7/8	6-3/4	16-3/8	6-1/2	28.00	39.00
No. 3	8-1/2	6-7/8	7-5/8	18-5/8	7-3/4	32.50	

COLORS AVAILABLE

SIZE

Nos. 0, 1, 2

COLORS

Red, Amber

FOR STERN LIGHTS—135 DEGREES

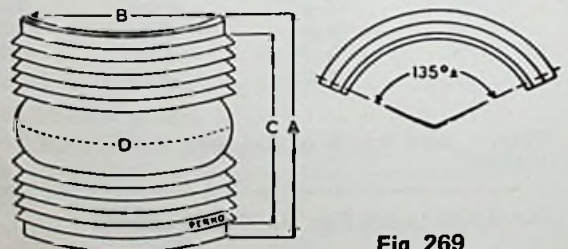


Fig. 269

	A In.	B In.	C In.	D In.	Clear Each	Colored Each
Class 1	3-5/16	3	3-5/8	4-1/2	\$ 3.25	
Class 2	4-1/4	3-1/2	3-5/8	4-7/8	4.00	\$ 8.00
Class 3	5-1/8	3-5/8	4-1/2	6	8.00	10.50
No. 0	5-1/2	4-3/8	4-7/8	7-1/2	12.00	15.50
No. 1	6-3/4	4-3/8	6-1/8	7-1/2	14.50	16.50
No. 2	7-1/2	6-3/8	6-3/4	10	16.75	26.50
No. 3	8-1/2	7-1/2	7-3/4	11-1/4	20.00	31.00

COLORS AVAILABLE

SIZE

Classes 2, 3

No. 0

No. 1

No. 2

No. 3

COLORS

Amber  
Red, Amber  
Red, Blue, Amber  
Blue, Amber  
Blue



## FRESNEL GLOBES

### FOR POLE, MAST AND STERN LIGHTS

Fig.	Clear Each	Red Each	Green Each	Blue Each	Amber Each
77	\$3.00	\$4.00	\$4.00		
106	4.20	5.75	5.75	\$5.75	\$5.75
248-P	1.20				
249	3.50				
250	2.65	3.20	3.20	3.20	3.20
604-P	1.20	2.10	2.10		



Fig. 77



Fig. 106



\*Fig. 248-P

Fig.	Outside Diam. Inches	Height Overall Inches	Diam. Opening Inches	Diam. Thread Inches	Weight Ounces
77	2-5/8	5-1/2	1-7/8	2-3/8	8
106	3-1/2	5	2-3/4	3-3/16	20
248-P	1-3/4	2-1/2	1-11/16	2	1-1/2
249	3	3-5/8	2-1/4	2-3/4	10
250	2-1/2	2-5/8	1-1/2	2	6
604-P	1-1/2	1-7/8	13/16	1-1/16	1-3/4

FIG. 77 for FIGS. 488 and 489.  
 FIG. 106 for Figs. 112, 145, 309, 540, 541, 542.  
 FIGS. 248-P and 250 for Light Figs. 48, 329, 362, 371, 422, 428, 438, 455, 491, 605, 645, 658, 687, 1134, 1135, 1137, 1209, 1233, 1258, 1294.  
 FIG. 249 for Light Figs. 103.  
 FIG. 604 for Light Figs. 404, 609, 1147.

\*Globes are high grade acrylic plastic.



Fig. 249



Fig. 250



\*Fig. 604-P

## PLASTIC GLOBES ACRYLIC

Fig.	Each	Height Inches	Inside Diam. Inches	Weight Ounces
74-P	\$ .75	1-1/4	1-3/8	1/2
186-P	.90	2-1/8	1-1/2	3/4



Fig. 74-P



Fig. 186-P

Figs. 74 and 186 in clear, red or green.  
 Fig. 74 for S.S. Lights, Figs. 902, 963, etc.  
 Fig. 186 for Figs. 910A, 911A, 1278, 1279, etc.  
 Fig. 74 has Internal Magnifying Section for higher intensity.

## GLOBES FOR DOME LIGHTS

Trade Size Inches	Fig. 132 Each	Fig. 133 Each	Fig. 257 Each	Diameter Overall		
				Fig. 132 Inches	Fig. 133 Inches	Fig. 257 Inches
3			\$1.75			2-3/4
4			2.30			4
5		4.00	2.50		5-3/8	5
6			2.90			6
8	\$3.60			7-3/4		



Fig. 132

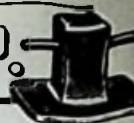


Fig. 133



Fig. 257

Fig. 132 frosted, for Fig. 753.  
 Fig. 133 Opal, for Fig. 385.  
 Fig. 257 diffusing, for Figs. 294, 300, 308 and 555.



ALL ILLUSTRATIONS  
SHOW ACTUAL SIZE OF BASE

## ELECTRIC LIGHTING LAMPS

FIG. 337 BAYONET D.C. BASE

No.	Volts	Candle Power	Amps.	Watts.	Diameter Bulb Inches	Clear Each	Frosted Each
2 -	2.9		.15		1	\$2.50	
4 -	6-8	6			3/4	.25	
10 -	12-16	4			3/4	.21	
11 -	12-16	6			3/4	.28	
12 -	12-16	15			3/4	.37	
13 -	12-16	21			1	.40	
17 -	32	3			3/4	.65	
18 -	32	6			1	.75	
19 -	32	15			1	.95	
23 -	120			10	7/8	.53	

Packed 10 Lamps to a box.



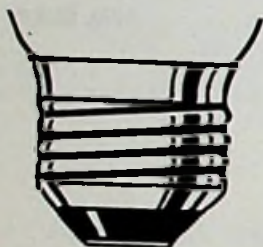
Bayonet  
Double Contact  
(D.C.)



Miniature  
Bayonet



Miniature  
Screw



Medium  
Screw



Medium  
Prefocus

FIG. 53 MINIATURE SCREW BASE

1 -	1.35	.06			3/8	.48	
2 -	6	.04			9/16	.40	

FIG. 56 MINIATURE BAYONET BASE

1 -	1.3	.1			7/16	.38	
2 -	6	1.5	.40		7/16	.40	
4 -	12	6			13/32	.50	

FIG. 340 MEDIUM SCREW BASE

5 -	12			15	2-1/8	1.45	\$1.20
6 -	12			25	2-3/8		1.10
7 -	12			50	2-5/8		1.22
11 -	32			15	2-1/8		.95
12 -	32			25	2-3/8		.80
13 -	32			50	2-5/8		.80
17 -	120			50	2-3/8	.70	
19 -	120			100	2-3/8	.70	
20 -	120			15	1-3/8	.65	

FIG. 532 MOGUL SCREW BASE

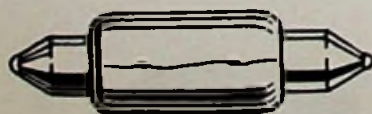
1 -	120	Double Filament	50-50	3-1/8	9.00	
2 -	120	Double Filament	100-100	3-1/8	9.00	



Mogul

FIG. 70 CARTRIDGE TYPE BASE

0 -	12	6	.74		17/32x1-3/4	.55
1 -	12	15	1.17		17/32x1-3/4	.55



Cartridge Type

FIGS. 800 to 820 HIGH POWER LAMPS FOR SEARCHLIGHTS --  
SEE PAGE 66.



### 4-WAY CONNECTOR FOR TRAILER LIGHTS—Fig. 739

This lustrously, chromium plated, die cast 4-way plug-in socket set is the convenient answer to connecting all trailer lights with auto electrical system. The receptacle end is recessed into the auto body. It features a snap cover which keeps moisture out when plug is not in use and also serves to lock the male plug fast into socket when lights are hooked-up. The plug is keyed to assure all lights are properly connected. Both the socket and the plug are easily wired to inside screw terminals.

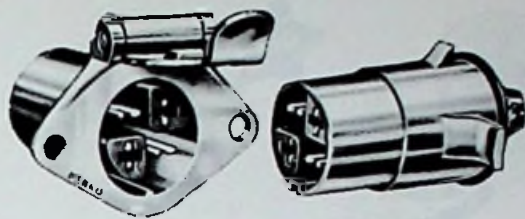


Fig. 739

Each	Length Overall Inches	Width Flange Inches	Weight Ounces
\$3.55	3-3/4	2-1/8	4-1/2



### 4-PRONG CONNECTOR—Fig. 751

Bakelite Body — Soft Rubber Caps — Screw Terminals — Fixed Polarity — All Brass

Excellent for boat trailer electrical hookups.

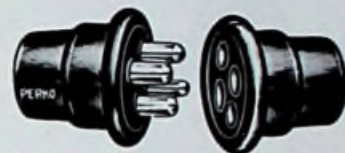


Fig. 751

Each	Length Overall Inches	Diameter Overall Inches
\$1.65	2	1-1/8

Standard package 10 pieces.



### DOUBLE CONTACT CONNECTOR—Fig. 749

Hard Rubber Insulation — Brass Contacts — Soft Rubber Waterproof Caps

Each	Size Inches	Weight Dozen Ounces
\$1.25	15/16 x 2-1/2	10

Standard package 10 pieces.



### DOUBLE CONTACT CONNECTOR—Fig. 42

Hard Rubber Insulation — Brass Contacts

Each	Size Inches	Weight Dozen Ounces
\$1.05	1 x 9/16	6

### BAYONET SOCKETS—Fig. 472

Phenolic — Single and Double Contact

No.	Each	Type	Height Inches	Diam. Base Inches	Weight Dozen Ounces
20	\$1.70	Double contact	1	1-3/8	9
21	1.70	Single contact	1	1-3/8	9

Standard package 10 pieces.



### ELECTRIC SOCKET ADAPTERS—Fig. 405

For Converting Various Types of Sockets

No. Each

- 1—From Bayonet Dble. Contact to Med. Screw .....\$1.35
- 2—From Med. Screw to Bayonet Dble. Contact ..... 1.65
- 3—From Mogul to Medium Screw ..... 1.65

Standard package 5 pieces.



### MEDIUM SCREW SOCKET—Fig. 222

Porcelain — 250 volts — 660 Watts

No.	Complete Each	Gaskets Only Each	Height Inches	Size Base Inches	C to C of Slots Inches
1	\$1.00	\$.12	1-5/8	2x1-1/4	1-1/2



Fig. 222



Fig. 749

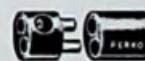


Fig. 42



Fig. 472



Fig. 405



Fig. 24



**NEW BAYONET DOUBLE CONTACT SOCKETS—Fig. 24**

Delrin Body — Bronze Spring — Non Corrosive — with Pigtails

A new socket with a single phosphor bronze spring, positive contact

No.	Each	Length Pigtails Inches	Outside Diameter Inches	Length Inches	Weight Ounces
1	\$ .65	12	3/4	3/4	3/8
2	1.15	60	3/4	3/4	3/4

Standard package, 10 pieces

No. 1 used in Figs. 89, 91, 98, 99, 421, 422, 428, 438, 455, 491, 955, 1202, 1203, 1215, 1217.

No. 2 used in Figs. 605, 645, 658, 687, 1134, 1135, 1137, 1148, 1206, 1209, 1233, 1258, 1259, 1294.



**BAYONET DOUBLE CONTACT SOCKET—Fig. 52**

Brass Case — Bronze Spring

Each	Outside Diameter Inches	Length Inches	Length Pigtails Inches	Weight Ounces
\$ .60	11/16	7/8	5	1/2

Standard package 10 pieces.

This socket used with the following items:

277	362	521	1139
296	371	980	1144
329	375	984	1282
348	385 #7	1138	1283

Also all International Lights such as Figs. 962, 910A and 1278 series.



**BAYONET DOUBLE CONTACT SOCKETS—Fig. 747**

Brass Case — Hard Rubber Insulation

Each	Length Inches	Outside Diameter Inches	Weight Dozen Ounces
\$1.25	1-1/8	11/16	6

Wires enter bottom, screws in side.  
Standard package 10 pieces.



**BAYONET DOUBLE CONTACT SOCKETS—Fig. 276**

Brass Case — Tapped 1/8 Inch I.P.S.

No.	Each	Length Overall Inches	Weight Per Dozen Ounces
0	\$1.20	1-1/2	7
2	1.20	2	11
3	1.20	2-3/8	14
4	1.20	3	16



**SCREW TYPE SOCKETS—Figs. 270 & 346**

PHENOLIC

Fig. 346 — 250 Volts — 660 Watts — C.G. Approved

No.	Each	Size Thread Inches	Height Inches	Extreme Diameter Inches	Weight Dozen Pounds
1	\$ .80	1/8	1-7/8	1-3/8	1
2	.80	3/8	1-7/8	1-3/8	1

Standard package 5 pieces.



Fig. 270 — 600 Volts — 1500 Watts — Navy 9-4779-L

Each	Height Inches	Outside Diam. Inches	Weight Ounces
\$4.00	2-3/16	2-1/8	6

With white metal mounting cap tapped 3/8 inch I.P.S. add \$.50 each.



Fig. 52



Fig. 747



Fig. 276

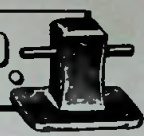


Fig. 346  
Medium Screw  
2 Wire



Fig. 270  
Mogul  
3 Wire





## PLASTIC CABLE STRAPS – Fig. 196

Made of pliable butyrate in clear color and ultra-violet stabilized for weather resistance, this new strap eliminates the need for insulating cushion and provides excellent cable support at low cost. Single screw saves labor and fastenings. Width for all cable sizes 1/2". I.D. of fastening hole 3/16".

No.	Cable Diameter Inches	Per 100	No.	Cable Diameter Inches	Per 100
1	3/16	\$2.90	5	1/2	\$4.20
2	1/4	3.10	6	5/8	5.25
3	5/16	3.35	7	3/4	6.25
4	3/8	3.55			

Standard package 100 pieces per size.



Fig. 196

## BRASS CABLE STRAPS—Fig. 121

For Cable, Tubing, Control Wire, Etc.

No.	Inside Diam. Inches	Per 100	Length Inches	Width Inches	No.	Inside Diam. Inches	Per 100	Length Inches	Width Inches
1	1/8	\$3.50	1-7/16	1/2	6	7/16	\$5.00	1-5/8	1/2
2	3/16	3.75	1-3/8	1/2	7	1/2	5.35	1-1/2	1/2
3	1/4	4.15	1-5/16	1/2	8	5/8	6.25	1-3/4	1/2
4	5/16	4.15	1-3/16	1/2	9	3/4	7.00	1-7/8	1/2
5	3/8	4.60	1-5/8	1/2					

Standard package 100 pieces per size.



Fig. 121

## LINE SUPPORT CLIPS—Figs. 163, 164 & 165

Aluminum – Synthetic Rubber Cushion

Used in the aircraft industry for supporting electrical, fuel, instrument, oil and water lines.

No.	For O.D. Line Inches	FIG. 163 Per 100	FIG. 164 Per 100	FIG. 165 Per 100	Width Inches
1	3/16	\$11.00	\$19.50		3/8
2	1/4	10.25	18.00		3/8
3	5/16	11.00	18.00	\$25.00	1/2
4	3/8	11.00	18.50	26.50	1/2
5	1/2	12.00	21.00	31.00	1/2
6	5/8	15.00			

Standard package 100 pieces per size.



Fig. 163  
Single



Fig. 164  
Double



Fig. 165  
Triple

BE SURE TO SPECIFY SIZE

## BLACK BAKELITE SWITCH NAME PLATES—Fig. 519

Engraved White Lettering

Stock name plates are:

- |               |                |                |
|---------------|----------------|----------------|
| Anchor Light  | Horn           | Siren          |
| Anchor Winch  | Ignition       | Spreader Light |
| Bilge Pump    | Lights         | Stbd. Light    |
| Blower        | Master         | Starter        |
| Bow Light     | Masthead Light | Stern Light    |
| Cabin Lights  | Misc.          | Switch         |
| Choke         | Neutral        | Tachometer     |
| Compass       | Off            | Throttle       |
| Deck Lights   | On             | Towing Lights  |
| Docking Light | Outdrive Tilt  | Water System   |
| Dome Lights   | Panel Lights   | Wiper          |
| Engine Room   | Pilot          | 12 Volt        |
| Fan           | Port Light     | 32 Volt        |
| Flood Lights  | Radio          | 110 Volt       |
| Forward       | Range Light    | 110V AC        |
| Fuel          | Reverse        | 110V DC        |
| Fuel Pump     | Running Lights |                |
| Heater        | Searchlight    |                |

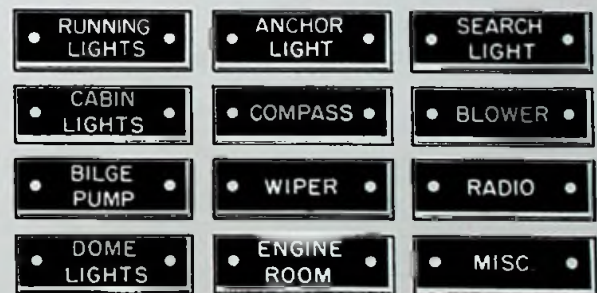


Fig. 519

Per Dozen	Length Inches	Width Inches	Screw Size No.	Weight Per Dozen Ounces
\$4.80	1-1/2	1/2	4	1/2

Standard package, one dozen each name.  
 Less than one dozen each name, \$.60 each.  
 Special name plates in standard size, \$.90 each. Minimum quantity 1 dozen each name.  
 Special name plates in special sizes. Price on application.  
 Minimum quantity, 1 dozen each name.



Fig. 517



BACK VIEW OF IMPROVED PANEL

**BLACK BAKELITE SWITCH PANEL—Fig. 517**

Engraved White Lettering — Chromium Plated Brass Switches — Improved 5 Gang Panel — With Fuse Holders

Our stock panel is illustrated. Dealer or user may change name plates as desired as they are removable. For additional selection see Fig. 519. For changes made at factory, add \$1.00 per panel.

The fuse holders will accommodate standard 1/4 x 1-1/4 glass tube fuses.

Each	Size Inches	Weight Ounces
\$23.50	6-1/2x4-1/4	10

Spare Switches, See Fig. 745, No. 2  
Spare Fuse Holders, \$.90 each.



Fig. 626

**FUSE PANELS—Fig. 626**

Molded Plastic Base — Brass Parts — For 20 Amp. Glass Fuses

Number of Gangs	Each	Dimensions Inches	Weight Ounces
3	\$2.00	2-1/4x2-7/16x3/16	2
4	2.75	3 x2-7/16x3/16	2-1/4
5	3.25	3-3/4x2-7/16x3/16	2-1/2
6	4.00	4-1/2x2-7/16x3/16	2-3/4

Standard package 5 pieces

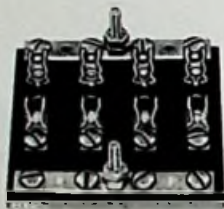


Fig. 647

**COMBINATION FUSE AND TERMINAL BLOCK—Fig. 647**

With Heavy Duty Binding Posts — Molded Plastic Base — Brass Parts — For 20 Amp. Glass Fuses

Number Of Gangs	Each	Dimensions Inches	Weight Ounces
4	\$ 7.50	3 x3-5/16x3/16	3-1/2
6	10.50	4-1/2x3-5/16x3/16	5
8	13.00	6 x3-5/16x3/16	7
12	20.00	9 x3-5/16x3/16	11

Standard package 5 pieces.



Fig. 629

**FUSE PANELS—Fig. 629**

With Single Buss Bar — Molded Plastic Base — Brass Parts — For 20 Amp. Glass Fuses

Number Of Gangs	Each	Dimensions Inches	Weight Ounces
4	\$3.25	3 x2-7/16x3/16	2
6	4.85	4-1/2x2-7/16x3/16	3
8	6.50	6 x2-7/16x3/16	4
12	9.00	9 x2-7/16x3/16	6-1/2

Standard package 5 pieces.



Fig. 694

**FUSE PANEL—Fig. 694**

Molded Plastic — Brass Metal Parts — For Glass Fuses up to 30 Amp

For two active fuses and one spare.

Each	Dimensions Inches	Length Fuse Inches	Weight Ounces
\$1.50	2-7/16x1-1/2x3/16	1-1/4	1-1/2

Standard package 5 pieces.



Fig. 627

**TERMINAL BLOCKS—Fig. 627**

Molded Plastic Base — Brass Parts

Number of Gangs	Each	Dimensions Inches	Weight Ounces
2	\$1.25	1-1/2x1-1/2x3/16	1-3/4
4	2.30	3 x1-1/2x3/16	2
6	3.50	4-1/2x1-1/2x3/16	2-1/4

Supplied in even number of gangs only.

Standard package 5 pieces.

# NEW MODULAR SWITCH PANELS

## CHROMIUM PLATED

Embossed Turquoise Lettering – Aluminum Matte Background – Self-Adhesive Name Plates – Chromium Plated Brass Toggle Switches – Bakelite Fuse Holders for Glass Fuses.

Add to or remove sections as desired, size of panel and quantity of switches regulated only by the space available.

### ASSEMBLED 5 POSITION PANEL—Fig. 512

This is a stock panel but section "B" may be added or names changed by dealer or owner. See selection of name plates below.

Each	Dimensions Inches	Weight Ounces
\$21.00	6-1/4x3-3/4	16

Note – This panel assembled with one section "A". Four section "B". One section "C".

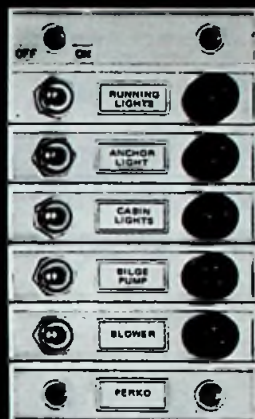


Fig. 512

### MODULAR SECTIONS – Fig. 511

To be purchased individually and assembled by owner to meet requirements.

#### SECTION "A"

As illustrated, consists of top mounting panel, one switch, one fuse holder, no name.

Each	Dimensions Inches	Weight Ounces
\$3.15	1-3/4x3-3/4	3-1/2

#### SECTION "B"

Consists of one switch, one fuse holder, no name.

Each	*Dimensions Inches	Weight Ounces
\$3.15	7/8x3-3/4	2-1/2

#### SECTION "C"

Consists of bottom mounting panel.

Each	*Dimensions Inches	Weight Ounces
\$1.20	1x3-3/4	2-1/4

\*Does not include assembly eyes.

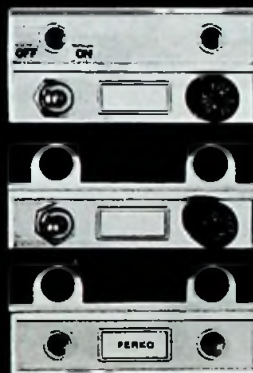


Fig. 511

### NAME PLATE FRAMES – Fig. 531

Chromium Plated

To accommodate any of the following embossed self-adhesive name plates.

Each	Dimensions Inches	Weight Ounces
\$.25	1-1/2x1/2	1/2

Standard package—10 pieces.

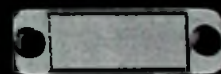


Fig. 531

### ALUMINUM NAME PLATES – Fig. 490

Embossed turquoise lettering - self adhesive. For all above panels and frames.

Name Selection Available.

Anchor Light	Dome Light	Radio
Bilge Pump	Fuel	Running Lights
Blower	Horn	Spreader Light
Cabin Lights	Masthead Light	Starter
Compass	Misc.	Wiper

Each	Dimensions Inches
\$ .30	15/16 x 3/8

Standard package—10 pieces.

Note – Personalized Name Plates for Section "C" supplied in minimum quantity of 50 pieces. Price on application.



Fig. 490

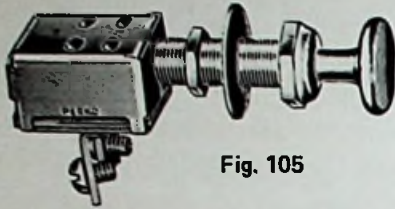


Fig. 105

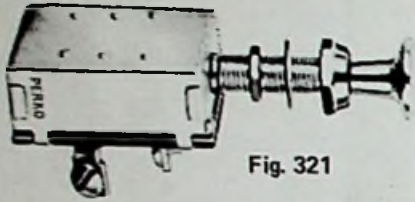


Fig. 321

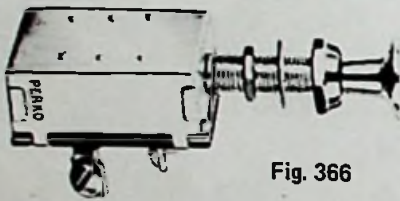


Fig. 366

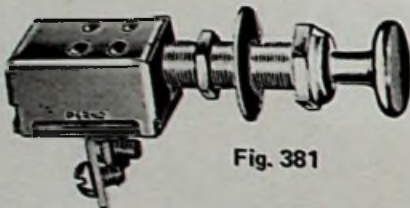


Fig. 381

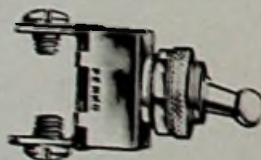


Fig. 688



Fig. 745

## PUSH AND PULL SWITCHES—Fig. 105

All Brass — 2 Terminal — Off-On

With Screw Terminals

No.	Chromium Plated Each	Diam. Neck Inches	For Wood Thickness Inches	Length Overall Inches	Diam. Knob Inches	Weight Ounces
1	\$1.80	3/8	1	3	3/4	2
2	1.90	3/8	1-1/4	3-1/4	3/4	2-1/2

With Quick Disconnect Terminals

3	\$1.80	3/8	1	3	3/4	2
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Standard package 10 pieces.



## PUSH-PULL SWITCH—Fig. 321

All Brass — 3 Terminal — Off-On-On

First "On" Position Energizes One Circuit.

Second "On" Position Energizes Other Circuit.

Ideal for Anchor Light on separate circuit from Running Lights, all on one switch.

Chromium Plated Each	Diam. Neck Inches	Diam. Knob Inches	For Wood Thickness Inches	Weight Ounces
\$2.40	3/8	3/4	1	3-1/4

Standard package 10 pieces.



## 3-POSITION PUSH-PULL SWITCH—Fig. 366

All Brass — 2 Circuit — Off-On-On

For use with combination bow and anchor lights illustrated on pages 6 and 7. First position is off; second position for side, stern and bow lights third position is for anchor light. . . illuminates both compartments of bow-anchor light.

Chromium Plated Each	Diam. Neck Inches	Diam. Knob Inches	For Wood Thickness Inches	Weight Ounces
\$2.40	3/8	3/4	1	3-1/4

Standard package 10 pieces.



## 3-POSITION PUSH-PULL SWITCH—Fig. 381

All Brass — 3 Terminal — 3/4 Inch Chromium Plated Knob

3 position switch — OFF - ON - ON

First "on" position energizes one circuit. Second "on" position energizes all circuits.

With Screw Terminals

No.	Chromium Plated Each	Diam. Neck Inches	For Wood Thickness Inches	Length Overall Inches	Weight Ounces
1	\$2.25	3/8	1	3-3/4	3

With Quick Disconnect Terminals

3	\$2.25	3/8	1	3-3/4	3
---	--------	-----	---	-------	---

Standard package 10 pieces.



## TOGGLE SWITCH—Fig. 688

All Brass — Screw Posts — No Leads — 30 Amp.

Nickel Plated Each	Length Neck Inches	Diam. Neck Inches	Max. Thickness of Panel Inches	Weight Ounces
\$1.15	3/8	7/16	3/16	1

Standard package 10 pieces.



## TOGGLE SWITCHES—Fig. 745

Brass with Bakelite Insulation — With 6 Inch Wire Leads — 20 Amp.

Nickel Plated Each	Length Neck Inches	Diam. Neck Inches	Between Lock Nuts Inches	Weight Ounces
\$1.00	7/16	7/16	5/16	3/4

With watertight cap and chain, add \$1.20 each.

NOTE—Spare knobs for above Push-Pull switches, \$.50 each.



### MOMENTARY STARTER SWITCH OR DASHBOARD HORN BUTTON—Fig. 255

All Brass — Push Button Type — 2 Point, 2 Terminal Spring Action — Chromium Plated Button — 20 Amp.

With Screw Terminals

No.	Each	Diameter Neck Inches	For Wood Thickness Inches	Weight Ounces
1	\$2.20	5/8	1	2-1/2

With Quick Disconnect Terminals

3	\$2.20	5/8	1	2-1/2
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Standard Package, 10 Pieces

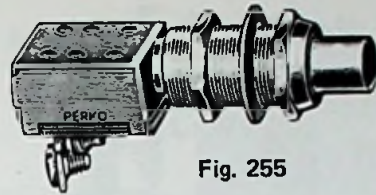


Fig. 255

### IGNITION LOCK SWITCH—Fig. 316

Face Plate Chromium Plated — 2 Terminal — 2 Keys — 30 Amp.

No. 1 Die Cast Zinc Housing

No. 2 All Brass

No.	Each	Diameter Neck Inches	Length Neck Inches	Weight Ounces
1	\$3.00	3/4	5/8	4
2	4.85	13/16	1	4-1/2

Standard Package, 10 Pieces

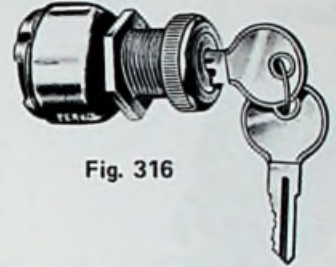


Fig. 316

### IGNITION-STARTER SWITCH—Fig. 310

All Brass — Lock Type — 3 Terminal — 2 Keys

3 position switch — OFF · IGNITION · START

Returns automatically from start to ignition position.

Face nut is chromium plated, springs are stainless steel.

Each	Diameter Neck Inches	Length Neck Inches	Weight Ounces
\$5.10	3/4	1-1/16	4-1/2

Standard Package, 10 Pieces

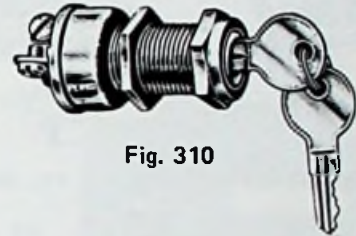


Fig. 310

### MAGNETO IGNITION STARTER SWITCH—Fig. 304

All Brass — 5 Terminals — 2 Keys —

3 POSITIONS · OFF · RUNNING · START

Face Nut Chromium Plated, Stainless Steel Springs

Each	Diameter Neck Inches	Length Neck Inches	Weight Ounces
\$5.75	13/16	1-1/4	8

Standard package, 5 Pieces.

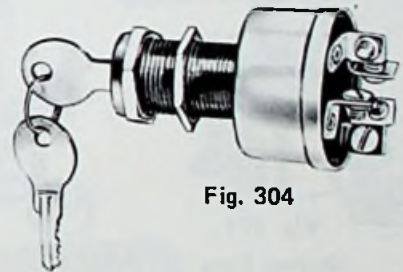


Fig. 304

### IMPROVED SAFETY MAIN SWITCHES

Red Lexan Plastic Housing — Vapor Tight — Bakelite Control Knob — Copper Contacts — Brass Terminals — Stainless Steel Spring.

For Use With Alternators or Generators.

Rated at 210 amperes continuous, 315 amperes intermittent. (6, 12, and 32 volts)

Supplied for flush mounting with battery cable through bulkhead.

Tested and accepted for labeling and listing by the Yacht Safety Bureau, Inc.

Fig. 85-A for 2 or more batteries

Fig. 96 for a single battery.

Each	Diameter Inches	Depth Inches	Weight Ounces
\$15.00	5	1-3/4	10

If offset mounting is required permitting cable to pass in back of housing, we supply a set of offset legs 1/2 inch long. Per set \$.65.

Spare Control Knobs \$.85 each.



Fig. 85-A



Fig. 96



# PERKINS MARINE LAMP & HARDWARE CORP.

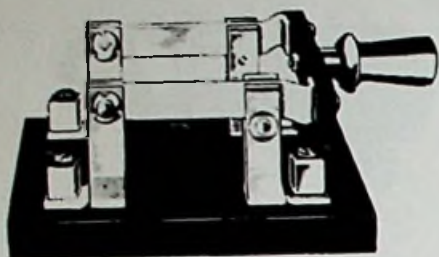


Fig. 191

### KNIFE OR BATTERY SWITCHES—Fig. 191

Ebony Asbestos Base — High Jaws — One or Two Pole — Single or Double Throw — 250 Volt D.C. — 500 Volt A.C.

#### SINGLE POLE — SINGLE THROW

No.	Each	Amps	Dimensions Base Inches	Weight Pounds
1	\$ 7.50	60	6-3/4 x 1-5/8 x 5/8	3/4
2	15.00	100	6-3/4 x 2 x 3/4	2-1/2
3	24.50	200	10 x 3 x 1	4

#### SINGLE POLE — DOUBLE THROW

4	\$12.00	60	9-1/4 x 2 x 3/4	3-1/2
5	27.50	100	10 x 3 x 3/4	4
6	40.00	200	12 x 4 x 1	8

#### DOUBLE POLE — SINGLE THROW

7	\$11.50	60	6 x 4-1/2 x 5/8	3
8	22.75	100	7-1/8 x 5 x 3/4	3
9	38.00	200	9-1/2 x 6 x 1	10-1/4

#### DOUBLE POLE — DOUBLE THROW

10	\$17.00	60	9-1/2 x 6 x 3/4	5-1/4
11	41.00	100	10-1/4 x 7 x 3/4	8-1/2
12	57.50	200	15 x 7-3/4 x 1	16

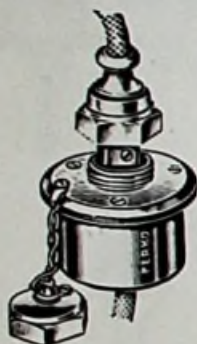


Fig. 969



Fig. 968

### RECEPTACLES AND PLUGS—Figs. 968, 969, 970 & 971

YACHT SIZE — WATERTIGHT — CAST BRONZE BOXES — 6 TO 125 VOLTS

Fig. 968 Round Flush Type Without Box — 5 Amp. — 2 Wire

Complete With Plug Each	Plug Only Each	Diam. Plate Inches	Depth Inches	Weight Pounds
\$21.50	\$7.25	2-1/4	3/4	1/2

Fig. 969 Round Flush Type With Box — 5 Amp. — Bottom Inlet - 2 Wire

Complete With Plug Each	Plug Only Each	Diam. Plate Inches	Diam. Box Inches	Depth Box Inches	Weight Pounds
\$25.00	\$7.25	2-1/4	1-5/8	1-1/4	3/4

Fig. 970 Heavy Duty Flush Type — 10 Amp. — 2 Wire

Fig. 971 Heavy Duty Surface Type — 10 Amp. — 2 Wire

Fig. 970 Complete Each	Fig. 971 Complete Each	Plugs Only Each	Diam. Plate Fig. 970 Inches	Diam. Box Fig. 971 Inches	Weight Fig. 970 Pounds
\$25.00	\$25.00	\$7.25	3-1/2	2-3/4	1-3/4

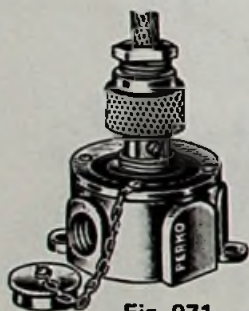


Fig. 971  
Surface Type

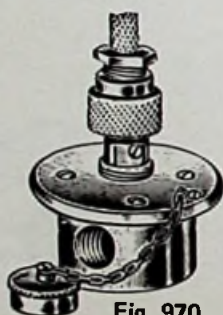


Fig. 970  
Flush Type

### WATERTIGHT SNAP SWITCH—Fig. 974

Flush or Surface Types — Cast Bronze — 10 Amp. — 2 Wire  
Ratchet under knob to prevent turning in wrong direction.

	Flush Type	Surface Type	Diam. Plate Inches	Diam. Box Inches	Depth Box Inches	Weight Pounds
Single Pole	\$19.80	\$18.00	4	3	1-1/2	2

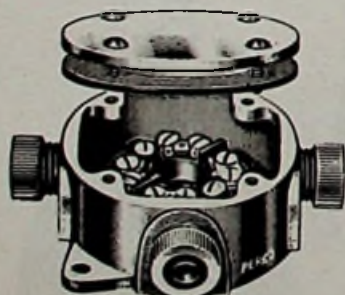


Fig. 1252



Fig. 974

### WATERTIGHT CONNECTION BOX — Fig. 1252

Cast Bronze — Surface Type

With 4-wire phenolic connection block and rubber gasket.  
Price does not include packing glands in illustration.

Complete Each	Spare Blocks Each	Inside Diam. Inches	Inside Depth Inches	Weight Pounds
\$14.00	\$2.85	3	1-3/8	1-3/4

NOTE: All boxes have one 1/2" I.P.S. Tapping. Extra tappings add \$1.00 for each hole. Packing Glands for above, \$2.00 each.



## SHIP RECEPTACLES—FIGS. 1122 & 1125 FOR POWER INLET

3 WIRE GROUNDING — TWIST LOCK

FIG. 1122 — 30 AMP — 125 VOLT A.C. OR D.C.

Polished chromium plated forged bronze cap and flange. Completely watertight when energized or when not in use. Flange face measures 3" x 3"; through hull depth is 13/16"; thickness outside hull is 1-1/8". Weight 1-1/4 pounds.

Each \$29.00

FIG. 1125 — 20 AMP — 125 VOLTS A.C. OR D.C.

Polished chromium plated wrought brass with Neoprene stopper and brass chromium plated bead chain, contacts and screws are brass. All corrosion resistant. Diameter of flange is 2-7/8 inches. Depth through hull is 1-3/4 inches. Weight 1/2 pound.

Each \$7.00

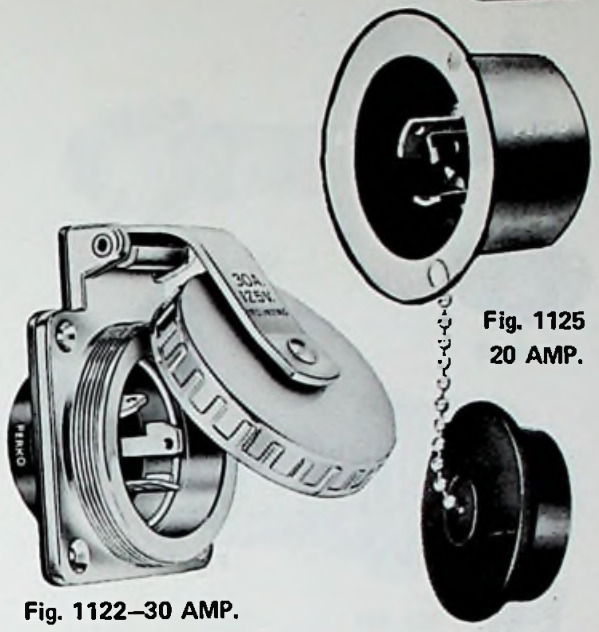


Fig. 1122—30 AMP.

Fig. 1125  
20 AMP.

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## LIVE CONNECTORS—FIGS. 1123 & 1126 FEMALE DESIGN—NO "LIVE" PRONGS

FIG. 1123 — 30 AMP — 125 VOLTS A.C. OR D.C.

High impact bakelite body with seal-tite Neoprene cover forming a moisture proof gasket when locked into ship receptacle. Contacts and screws are brass. For Fig. 1122 receptacle. Overall length is 3-7/8 inches. Weight 12 ounces.

Each \$15.25

FIG. 1126 — 20 AMP — 125 VOLTS A.C. OR D.C.

Same as above but for Fig. 1125 receptacle. Overall length is 3-5/8 inches. Weight 9 ounces.

Each \$7.75



Fig. 1123—30 AMP.

Fig. 1126—20 AMP.

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## SHORE PLUG TO DOCKSIDE OUTLET—FIGS. 1124 & 1127

For conventional 3 wire grounded dockside receptacles, same quality and features as connectors above. Overall length is 3-5/8 inches. Weight 7 ounces.

Fig. 1124 for Fig. 1123 connector. Each \$9.75  
Fig. 1127 for Fig. 1126 connector. Each \$5.50



Fig. 1124—30 AMP.

Fig. 1127—20 AMP.

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## LIGHT DUTY SHIP TO SHORE CONNECTOR—Fig. 72 110 Volts — 25 Amps. — 2 Wire

Bakelite base has light duty male terminal. Plug is phenolic with bronze female prongs, all rubber covered. Will accommodate No. 10 wire. Plug locks in base. A chained rubber cap for base when disconnected.

Complete Each	Diam. Base Overall Inches	Depth Of Base Inches	Diam. Hole Required Inches	Weight Ounces
\$4.25	3-1/8	3/4	1-3/4	5

- Part A — Complete with Cap and Chain, each \$2.50
- Part B — Live Connector only, each \$1.25
- Parts B and C — Connector with cover, each \$2.50
- Part C — Less Part B, each \$1.80
- Part A — only supplied complete as illustrated

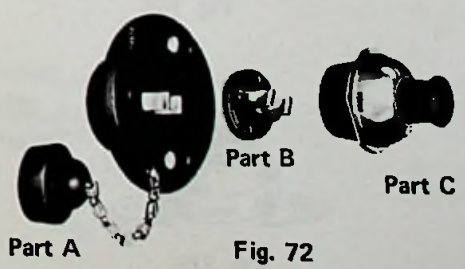


Fig. 72



Fig. 1189



Fig. 1190



Fig. 424—All Brass  
Fig. 1191—Zamak

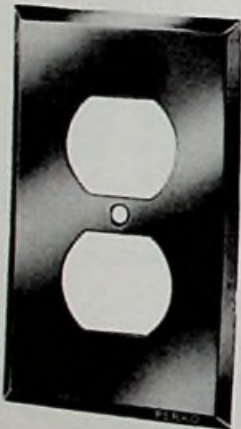


Fig. 1132



Fig. 1131

**WATERTIGHT DECK CONNECTIONS—Fig. 1189**

Brass with Black Plastic Caps — Double Contact — Chromium Plated

The caps snap on or off for quick connection.  
The connector is brass, well insulated.

Each	Diameter Inches	Height Inches	Weight Ounces
\$4.95	1-5/8	1-3/16	2

Standard Package, 10 Pieces

**WATERTIGHT DECK CONNECTION—Fig. 1190**

Zamak with Plastic Caps — Double Contact — Chromium Plated

Same as above Fig. 1189 in every detail except metal flange is Zamak.

Each \$2.65

Standard Package, 10 Pieces

**WATERTIGHT CABLE OUTLETS—Figs. 424 & 1191**

All Brass or Zamak — Chromium Plated

Has rubber grommet for watertight passage of cable through deck or bulkhead, also prevents chafing of cable insulation.

Fig. 424 Each	Fig. 1191 Each	Diameter Base Inches	For Cable Inches	Weight Ounces
\$2.85	\$1.80	1-1/4	5/16	1

Standard Package, 10 Pieces

**DUPLEX WALL RECEPTACLE—Fig. 1131**

Specially designed for Marine Use in Highly Corrosive Atmosphere

Fig. 1131 receptacle is a Navy type unit with all brass metal parts and phosphor bronze contacts. Body is made of high impact Bakelite. Each receptacle will accommodate either standard two pronged plugs or grounded 3 pronged plugs. Unit is fitted with two grounding screws for recommended 3 wire systems. 15 Amp. — 125 Volts.

Each \$2.90

Standard Package, 10 Pieces

**STAINLESS STEEL MARINE COVER PLATE—Fig. 1132**

Fig. 1132 cover plate is made of high quality, noncorrosive 18-8 stainless steel. Its beautiful natural satin finish will last for years.

Each \$1.30

Standard Package, 10 Pieces

**FUSED LINE CONNECTOR — Fig. 786**

Molded Bakelite — With 20 AMP. Fuse and Wire Leads

For Standard Glass Fuses 1-1/4 Inches Long.

Each	Length Inches	Diameter Inches	Weight Ounces
\$.80	2-1/8	5/8	3/4

Standard Package, 10 Pieces

**HORN PUSH BUTTON — Fig. 275**

Brass — Chromium Plated — Bakelite Button and Interior

Chromium Plated Each	Length Overall Inches	C to C Holes Inches	Diam. Inches	Weight Ounces
\$1.45	2-5/8	2-1/8	1-1/2	1

Standard Package, 10 Pieces



Fig. 275

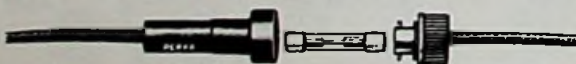


Fig. 786





### NEW INDICATOR LIGHT—Fig. 134 WITH DIMMER FOR NIGHT RUNNING

Polished Chromium Plated Brass Bezel  
Chromium Plated Facing Washer — Red Lens  
Screw Terminals — For 12 Volt No. 1815 Lamp

To regulate the brightness of light simply rotate the Bezel—

Each	Diameter Lens Inches	Max. Panel Thickness Inches	Diameter Bezel Inches	Weight Ounces
\$3.75	1/2	1/2	7/8	1-1/2



Fig. 134

### NEW INDICATOR LIGHT—Fig. 135 WITHOUT DIMMER

Polished Chromium Plated Brass Bezel  
Chromium Plated Facing Washer — Red Lens  
Screw Terminals — For 12 Volt No. 1815 Lamp

Each	Diameter Lens Inches	Max. Panel Thickness Inches	Diameter Bezel Inches	Weight Ounces
\$3.75	3/4	1/2	7/8	1-1/2

Printed discs indicating switch or light, available for this unit.  
Also colored lenses, prices on application.



Fig. 135

### NEW "GLO-LITE" INDICATOR LIGHTS—Figs. 136 & 137 With 12 Volt Bulb — Red Color

Fig. 136 for snap in mounting in thin panels.  
Fig. 137 with Tinnerman nut for mounting in thick panels.

Fig.	Each	Diameter Lens Inches	For Diameter Hole Inches	Overall Length Inches	Weight Ounces
136	\$1.35	3/8	3/8	1-5/8	1/2
137	1.50	7/16	1/2	1-3/8	1/2

Available in green or blue, price on application.



Fig. 136



Fig. 137

### NEW INSTRUMENT PANEL LIGHT—Fig. 139 Non Corrosive — Waterproof — For 12 Volt No. 1815 Lamp — Chromium Plated

An excellent shielded light for instruments or charts.

Each	Diameter Shield Inches	Diameter Bezel Inches	Max. Panel Thickness Inches	Weight Ounces
\$3.60	1/2	3/4	3/8	3/4



Fig. 139



### NEW UTILITY LIGHT—Fig. 140 White Nylon — With 12 Volt Lamp For instruments, charts or general fair illumination.

Each	Size Inches	Weight Ounces
\$1.50	1-3/8 x 5/8	1/4



Fig. 140

### DASHBOARD LAMP — Fig. 184 Brass — Chromium Plated — Double Contact Socket With Switch — For 6 C.P. Bulb

Bulb is not included.

Each	Length Overall Inches	Size Base Inches	Weight Ounces
\$4.00	2-1/2	1-11/16 x 1-3/16	1-3/4

Standard Package, 10 Pieces



Fig. 184



Fig. 217 — Zamak  
Fig. 450 — Bronze

## ELECTRIC CABIN FIXTURES

With Medium Screw Sockets  
For 6 — 12 — 32 or 110 Volts

STREAMLINE PATTERN — Figs. 217 and 450

Zamak Die Casting or Cast Bronze with Turn Switch

Fig.	Polished Bronze Each	Chromium Plated Each	Size Base Inches	Projection Less Lamp Inches	Weight Ounces
217		\$2.75	2-1/2x2-1/4	2-1/2	8
450	\$7.15	7.70	2-1/2x2-1/4	2-1/2	11

Spare socket with switch, \$1.00 each.



Fig. 1295

STREAMLINE PATTERN — Fig. 1295

With Power Takeoff Receptacle for Electric Razor and  
Appliances — Zamak Die Casting — Chromium Plated —  
Turn Switch

Chromium Plated Each	Size Base Inches	Drop Less Lamp Inches	Depth Less Lamp Inches	Weight Ounces
\$3.25	2-1/2x2-1/4	2-1/4	2-1/2	8-1/2

Spare socket with switch \$1.00 each

Spare power receptacle \$.45 each.



Fig. 1237

OVAL BASE PATTERN — Fig. 1237

Zamak Die Casting — Chromium Plated — Turn Switch

Chromium Plated Each	Size Base Inches	Drop Less Lamp Inches	Projection Less Lamp Inches	Weight Ounces
\$4.00	4-1/2x1-5/8	4-1/2	2-5/8	6

Spare socket with switch, \$1.00 each.

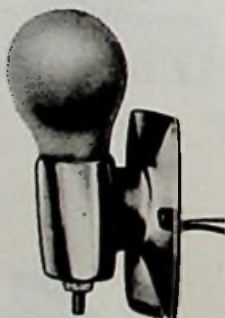


Fig. 1219

ELECTRIC CABIN FIXTURE — Fig. 1219

Zamak Die Casting — Chromium Plated — Turn Switch

Each	Base Dimensions Inches	Projection Less Lamp Inches	Weight Ounces
\$4.30	3-7/8x1-1/2	2-5/8	6

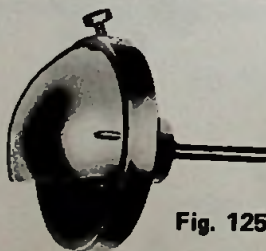


Fig. 1254

ADJUSTABLE UTILITY LIGHT — Fig. 1254

Zamak Die Casting — Chromium Plated — Bayonet D.C.  
Socket — Complete With 12 Volt 6 C.P. Bulb — Shield  
Swivels To Any Desired Position

A shielded light serving numerous requirements. For berths,  
instrument panels, chart table, etc.

Each	Diameter Overall Inches	Length Neck Inches	O.D. Neck Inches	Weight Ounces
\$4.00	2-5/8	3/4	7/8	6



**CABIN FIXTURE—Fig. 370**

Anodized Aluminum — Chrome Satin Finish — Translucent White Plastic Shade — Medium Screw Socket — Turn Switch — Adjustable Angle

Each	Height Overall Inches	Normal Projection Inches	Diameter Wall Plate Inches	Weight Ounces
\$7.25	6	6	3-1/4	6



Fig. 370

**ADJUSTABLE BERTH LIGHT—Figs. 341 & 372**

Anodized Aluminum with Satin Chrome Finish — Push Switch in Wall Plate — Adjustable Angle.

With aluminum shade for directional light or with translucent white plastic shade for diffused light.

No. 1 has double contact bayonet socket. No. 2 has medium screw socket.

No.	Fig. 341 Each	Fig. 372 Each	Normal Projection Inches	Diameter Wall Plate Inches	Weight Ounces
1	\$ 9.50	\$8.50	4-1/4	3-5/16	5-1/2
2	10.75	9.75	4-3/4	3-5/16	7



Fig. 341 With Aluminum Shade  
Fig. 372 With Plastic Shade

**DOUBLE ADJUSTABLE BERTH LIGHT—Fig. 354**

Anodized Aluminum with Satin Chrome Finish.

For ship and shore current. Shades are adjustable to any angle. Has two push switches, one for each socket.

No. 1 has two bayonet double contact sockets. No. 2 has two medium screw sockets.

No.	Each	Height Overall Inches	Normal Projection Inches	Diameter Wall Plate Inches	Weight Ounces
1	\$15.00	5-1/2	4	3-3/8	10-1/2
2	16.25	7	4-3/4	3-5/8	13



Fig. 354

**MARINE SHIELDS FOR FIXTURES — Figs. 27 & 28**

Translucent Plastic — Washable — Hand Laced to Brass Plated Frame — Painted or Plain

Colorful painted marine design makes these shields very decorative and appropriate for a yacht stateroom, cabin, club or marine room. Metal clip is for bulb up to 60 watts.

Painted Each	Plain Each	Width Inches	Height Inches	Weight Ounces
\$2.60	\$2.00	4-1/2	4-5/8	1

Standard Package, 10 Pieces



For Hanging Bulb  
Fig. 27



For Upright Bulb  
Fig. 28

**SHIELD DESIGNS — Figs. 33, 34, & 36**

Same quality and construction as Figs. 27 and 28 above. Attractive two color marine designs suitable for hanging and upright bulb.

Painted Each	Width Inches	Height Inches	Weight Ounces
\$2.60	4-1/2	4-5/8	1

Standard Package, 10 Pieces



Fig. 33



Fig. 34



Fig. 36



Fig. 308

### FLUSH TYPE DOME LIGHTS—Fig. 308

Brass — Chromium Plated — With Switch — With Fig. 257  
Globe — Double Contact Socket

For installation into the ceiling, providing more headroom  
and modern lighting.

No.	Diameter Glass Inches	Each	Diameter Overall Inches	Depth Above Flange Inches	Depth Below Flange Inches	Weight Ounces
1	4	\$8.00	4-1/2	3/4	1-1/4	7
2	5	9.00	5-1/2	3/4	1-1/2	9



### DOMES LIGHTS — Fig. 300

Brass — Chromium Plated — With Push Switch — With Fig.  
257 Globe — Double Contact Socket

No.	Diameter Glass Inches	Each	Diameter Overall Inches	Depth Overall Inches	Weight Ounces
1	4	\$ 9.00	5-3/8	1-7/8	9
2	5	10.00	6-1/2	2	11



Fig. 300

### DOMES LIGHT — Fig. 294

Wrought Brass — Chromium Plated — Toggle Switch —  
Double Contact Socket

With Fig. 257 Diffusing Globe.

No.	Diam. Glass Inches	Each	Base Inches Diam.	Depth Overall Inches	Weight Ounces
1	3	\$11.75	4-1/4	2	6
2	4	12.50	5-1/2	2-1/4	9
3	5	15.00	6-1/2	2-1/2	15
4	6	18.00	7-1/2	2-3/4	20



### DOMES LIGHT — Fig. 385

Wrought Brass — Chromium Plated — Opal Globe — Toggle  
Switch

With Fig. 346 Medium Screw Socket

Each	Diam. Base Inches	Diam. Globe Inches	Depth Inches	Weight Ounces
\$17.50	7	5-3/8	2-5/8	16

Bulb with medium screw base for this light, see Fig. 340.  
Spare globes, see Fig. 133.



Fig. 385

### DOMES LIGHT — Fig. 555

Cast Bronze — Chromium Plated — Toggle Switch — With  
Fig. 257 Diffusing Globe

Has Fig. 346 medium screw socket and will accommodate a  
15-watt bulb. Fig. 340.

Each	Diam. Globe Inches	Diam. Base Inches	Depth Inches	Weight Pounds
\$35.00	6	7-7/8	3-1/8	3-3/4



Fig. 555



### SHIP-N-SHORE DOME LIGHT – Fig. 318

White Translucent Plastic Globe – 18-8 Stainless Steel Base – Brass Sockets – 3 Position Toggle Switch for Dual Voltage

Complete with 2, 12 volt and 2, 110 volt bulbs, all double contact bayonet base.

Each	Length Inches	Width Inches	Depth Inches	Weight Ounces
\$17.50	9-3/4	3-3/4	1-7/8	14



### DOME LIGHT – Fig. 753

Wrought Brass – Toggle Switch – Nickel Plated Reflector Frosted Glass Fig. 132 – Medium Screw Socket Fig. 346

Will accommodate bulbs up to 100 watts.

No. 1 has one socket and switch.

No. 2 has two sockets and switches. This light is desirable for ship and shore current.

No.	Chromium Plated Each	Diameter Base Inches	Diameter Glass Inches	Depth Overall Inches	Weight Pounds
1	\$42.00	9-1/2	8	3	2
2	45.00	9-1/2	8	3	2-1/4



### MODERN DESIGN DOME LIGHTS – Figs. 761 & 763

Chromium Finish – Nylon Base and Globe – With 12 Volt, 15 C.P. Fig. 70 Bulb – Impervious to Heat and Salt Atmosphere

Figs.	Each	Length Overall Inches	Width Overall Inches	Depth Overall Inches	Weight Ounces
761	\$3.00	7	2-3/4	3/4	2
763	3.25	6-1/8	2-3/4	1-1/8	2-1/2



### WATERTIGHT DOME LIGHT – Fig. 1266

Cast Bronze – Double Contact Socket – Diffusing Globe

For small boats. Will accommodate up to a 21 C.P. bulb. With stainless steel reflector, toggle switch and one packing gland for cable.

Plain Bronze Each	Chromium Plated Each	Extreme Diam. Inches	Diam. Globe Inches	Extreme Depth Inches	Weight Pounds
\$17.50	\$23.50	3-1/2	3-1/4	2-3/4	1-3/4

Spare Sockets, \$.70 each. Spare Globes, \$1.00 each.  
Extra packing glands installed, \$2.50 for each gland.



### VAPOR-PROOF FIXTURES—Figs. 1087 & 1090

Combination Junction Box – Ceiling and Bulkhead Type Cast Bronze with 6" Cast Guards – Screw Glass Globes

Fig.	Type	Each	For Lamp Wattage	Weight Pounds
1087	Keyless	\$21.00	60 to 100	4
1090	Keyless	21.00	60 to 100	4-1/2

Spare Guards, \$7.50 Each. Spare Globes, \$1.80 Each.

Above fixtures have one 1/2 inch I.P.S. tapping. Extra tapping \$1.00 per hole.



Fig. 318



Fig. 753



Fig. 761

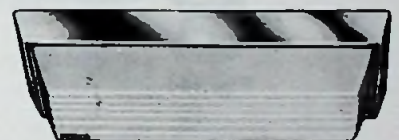


Fig. 763

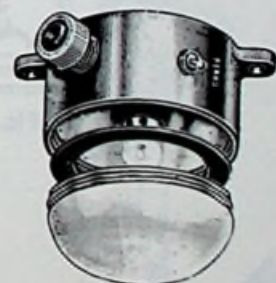


Fig. 1266



Fig. 1087  
Ceiling Type



Fig. 1090  
Bulkhead Type



Fig. 312

## UNIVERSAL WALL OIL LAMP – Fig. 312

Brass

Has polished reflector and gives excellent illumination. Uses No. 2 size wick. Fig. 94 clear chimney and Fig. 173 burner.

Polished Brass Each	Spare Chimneys Each	Spare Burners Each	Height of Back Inches	Diam. of Fount Inches	Weight Pounds
\$11.75	\$1.40	\$1.60	9	5	1-1/2



## JUNIOR CABIN OIL LAMP – Fig. 168

Double Swing – Weighted Base – All Brass

Same construction as our well known Newport Cabin Lamp Fig. 141, but reduced in size for use where space or headroom is limited.

Polished Brass Each	Chromium Plated Each	Overall Height Inches	Extension Inches	Capacity Fount Pints	Weight Ounces
\$20.00	\$22.25	9	5	1/2	19



Fig. 168

## NEWPORT CABIN OIL LAMP – Fig. 141

Double Swing – Weighted Base – All Brass

This lamp is of very sturdy construction, refined appearance and minimum practical extension from wall. Diameter of wall plate 2-1/2 inches.

No.	Polished Brass Each	Chromium Plated Each	Overall Height Inches	Extension Inches	Capacity Fount Pints	Weight Pounds
1	\$23.50	\$25.75	10-1/2	5-1/2	1	1-3/4
2	24.50	26.75	12-1/2	6	1-1/4	2



Fig. 141

## SMOKE BELL AND ARM – Fig. 128

All Brass

No.	Polished Brass Each	Chromium Plated Each	Diam. Bell Inches	Extension to Center Inches	Weight Ounces
0	\$5.25	\$6.75	3-1/2	3-1/2	3-1/2
1	5.25	6.75	4	3-3/4	4
2	5.25	6.75	4	4	4

No. 0 size is for lamp Fig. 168.

No. 1 and 2 sizes are for lamp Fig. 141.



## SPARE PARTS FOR CABIN LAMPS

No.	Each
0 and 1 Spare Burners Fig. 231	\$1.70
0 and 1 Spare Chimneys Fig. 230	1.00
2 Spare Burners Fig. 242 No. 2	3.75
2 Spare Chimneys Fig. 267 No. 2	1.80



## DECK TYPE FLOODLIGHT – Fig. 228

With Medium Screw Socket

With aluminum enameled reflector and weatherproof sealed lens. Gray tone enamel exterior and 6 foot approved cord and plug.

Each	Diam. Lens Inches	Length Housing Inches	Diam. Base Inches	Maximum Wattage	Weight Pounds
\$10.75	7-1/2	8	4-1/4	100	3

Spare lenses with gasket, \$4.25 each

Spare rim for lens, \$2.65 each



Fig. 228



## PERKO SEALED BEAM SEARCHLIGHTS All Brass – Chromium Plated – Clear Lens – Not Fluted

The one piece sealed beam unit is most practical for marine searchlights because it is absolutely waterproof and vibration proof.

### DECK CONTROLLED SEARCHLIGHT – Fig. 538

With Switch in Head

12 Volts – 50,000 Beam C.P. – Range About 1/4 Mile

Each	Diam. Lens Inches	Diam. Base Inches	Height Overall Inches	Weight Pounds
\$18.50	4-1/2	3-1/2	7-1/2	1-1/2



### DETACHABLE HEAD SEARCHLIGHTS – Fig. 539

With Switch in Head – 8 Feet of Coiled Cord

No. 1 –  
12 Volts – 50,000 Beam C.P. – Range About 1/4 Mile

No. 3 –  
12 Volts – 250,000 Beam C.P. – Range About 5/8 Mile

No. 3 –  
32 Volts – 260,000 Beam C.P. – Range About 3/4 Mile

No.	12 Volt Each	32 Volt Each	Diam. Lens Inches	Weight Pounds
1	\$26.00		4-1/2	1-7/8
3	41.00	\$45.50	7	2-1/2



### HAND SEARCHLIGHTS – Fig. 440

Push Button Switch – 8 Feet of Coiled Cord – With Cigar Lighter Plug

No. 1 –  
12 Volts – 50,000 Beam C.P. – Range About 1/4 Mile

No. 3 –  
12 Volts – 250,000 Beam C.P. – Range About 5/8 Mile

No. 3 –  
32 Volts – 260,000 Beam C.P. – Range About 3/4 Mile

No.	12 Volt Each	32 Volt Each	Diam. Lens Inches	Weight Pounds
1	\$24.00		4-1/2	1-3/4
3	36.00	\$40.50	7	2-3/4



### SPARE SEALED BEAM SPOTLIGHT UNITS – Fig. 433

No.	12 Volt Each	32 Volt Each	Watts	Amps.	Diam. Lens Inches	Beam C.P.
1	\$4.00		30	2.5	4-1/2	50M
2	6.50		100	8.3	6	200M
3	6.75		100	8.3	7	250M
3		\$11.00	200	6.4	7	260M



Fig. 538



Fig. 539

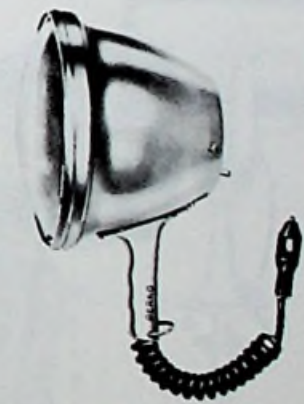


Fig. 440



Fig. 433



## PERKO SEALED BEAM SEARCHLIGHTS

Brass Head — Cast Bronze Base — Chromium Plated —  
High Power — Long Distance Sealed Beam Spotlight Units

12 or 32 Volts

Size No. 2 — 12 Volts — 200,000 Beam Candlepower — Range About 1/2 Mile.  
Size No. 3 — 12 Volts — 250,000 Beam Candlepower — Range About 5/8 Mile.  
Size No. 3 — 32 Volts — 260,000 Beam Candlepower — Range About 3/4 Mile.  
Horizontal Rotation 350 Degrees

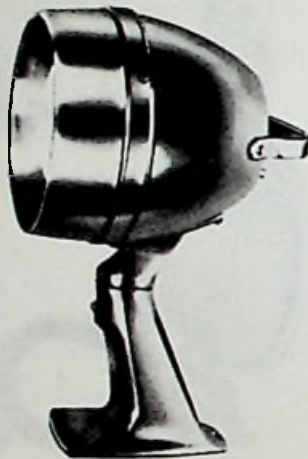


Fig. 534

### DECK CONTROL — Fig. 534

With Toggle Switch

No.	12 Volt Each	32 Volt Each	Nominal Diameter Inches	Dimensions Base Inches	* Height Above Deck Inches	Weight Pounds
2	\$57.00		6	4-7/8 x 3-1/8 x 2	12	4-5/8
**3	58.00	\$62.50	7	4-7/8 x 3-1/8 x 2	12-1/2	5

\*Height is overall, from deck to top of head.  
Length of head excluding handle 6 inches.

### NOTE —

\*\*This size has a larger, more powerful sealed beam unit. It does not have the lens bezel illustrated. The unit is held in by a snap ring. Easily removable for quick replacement.

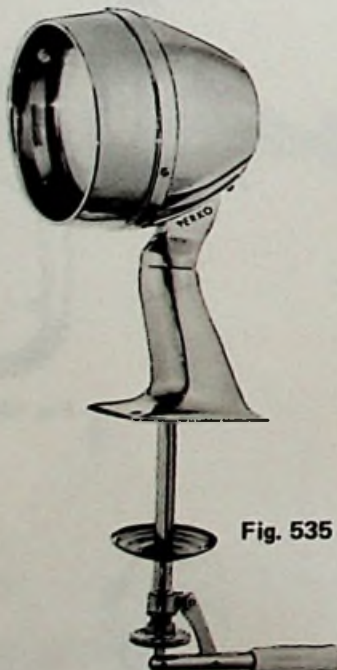


Fig. 535

### PILOT HOUSE CONTROL — Fig. 535

With White Rubber Grip on Lever Handle

With finishing plate for underside of cabin top and position locking device.

No.	12 Volt Each	32 Volt Each	Nominal Diameter Inches	Dimensions Base Inches	*Height Above Deck Inches	Weight Pounds
2	\$69.50		6	4-7/8 x 3-1/8 x 2	12	5
**3	71.00	\$75.50	7	4-7/8 x 3-1/8 x 2	12-1/2	5-1/2

For thickness of top or deck maximum 4-1/2 inches  
\*Height is overall, from deck to top of head.  
Length of control below base, 7-1/4 inches.  
Length of head overall, 6 inches.

For special length of control, price on application.

\*\*See note on fig. 534.

Spare Sealed Beam Units for Above, See Fig. 433.





**FLEXIBLE REMOTE CONTROL – Fig. 536**  
**For Operation From Dash**

Smooth operation in vertical and horizontal planes by single control handle on dash. Has attractive knob tightening device on dash for maintaining set position of head

No.	With 36 inch Control		With 48 inch Control		With 60 inch Control	
	12 Volt Each	32 Volt Each	12 Volt Each	32 Volt Each	12 Volt Each	32 Volt Each
2	\$75.00		\$77.00		\$79.00	
3	76.50	\$81.00	78.50	\$83.00	80.50	\$85.00

No.	Nominal Diameter Inches	Dimensions Base Inches	*Height Above Deck	Length Head Inches	Weight Pounds
2	6	4-7/8 x 3-1/8 x 2	12	6	5
**3	7	4-7/8 x 3-1/8 x 2	12-1/2	6	5-1/2

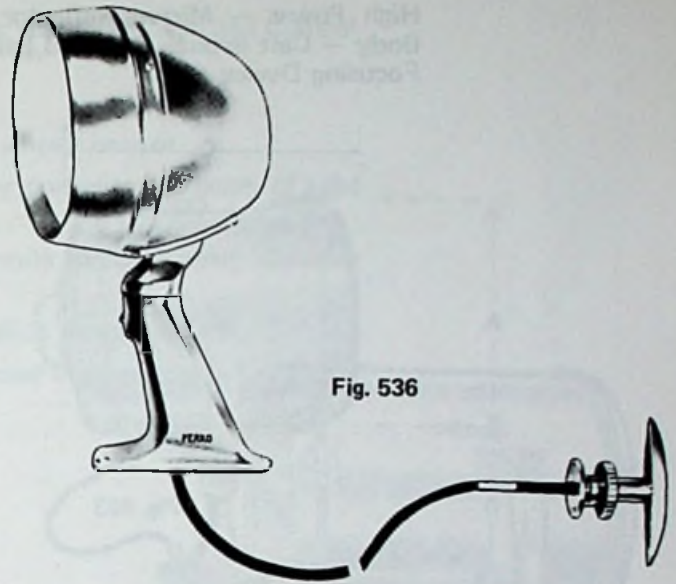


Fig. 536

**SPECIFY SIZE NO. WHEN ORDERING**

- \*Height is overall, deck to top of head.
- Above cable lengths are standard stock.
- Special lengths longer than above, add \$2.50 per foot or fraction thereof.
- Maximum length for smooth operation is 12 feet.
- \*\*See note on fig. 534.

★  
**SEALED BEAM YACHT SEARCHLIGHTS**

All Brass Body – Cast Bronze Base and Parts – Waterproof Construction with Terminal Tube Cable Entrances – Position Holding Device – Highly Concentrated Spotlight Beam

12 or 32 Volts

12 Volts – 250,000 Beam Candlepower – Range About 5/8 Mile  
 32 Volts – 260,000 Beam Candlepower – Range About 3/4 Mile

**LEVER CONTROL – Fig. 305**

**WHEEL CONTROL – Fig. 313**

Painted Gray Each	Polished Brass Each	Chromium Plated Each		
\$158.00	\$158.00	\$179.00		
"A" Inches	"B" Inches	"C" Inches	"D" Inches	
8	8-1/2	10	5-5/8	
"E" Inches	"F" Inches	"G" Inches	Weight Pounds	
8-1/2	7-1/4	2	14	



Fig. 313

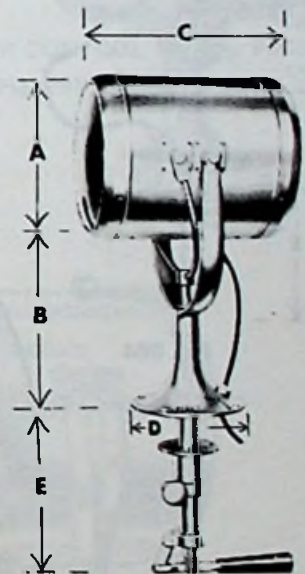
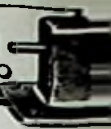


Fig. 305

For thickness of top or deck, maximum 4 inches.  
 Spare Sealed Beam Units, see Fig. 433 No. 3.

Supplied with standard length of controls only. Special lengths in manufacturing quantity of 25 or more, price on application.



## PERKO "SOLAR-RAY" SEARCHLIGHTS

ALL VENTED

High Power — Mirror Reflector — 6-12-32-120 Volts — Heavy Gauge Brass Body — Cast Bronze Base and Parts — Waterproof Construction — Conventional Focusing Device

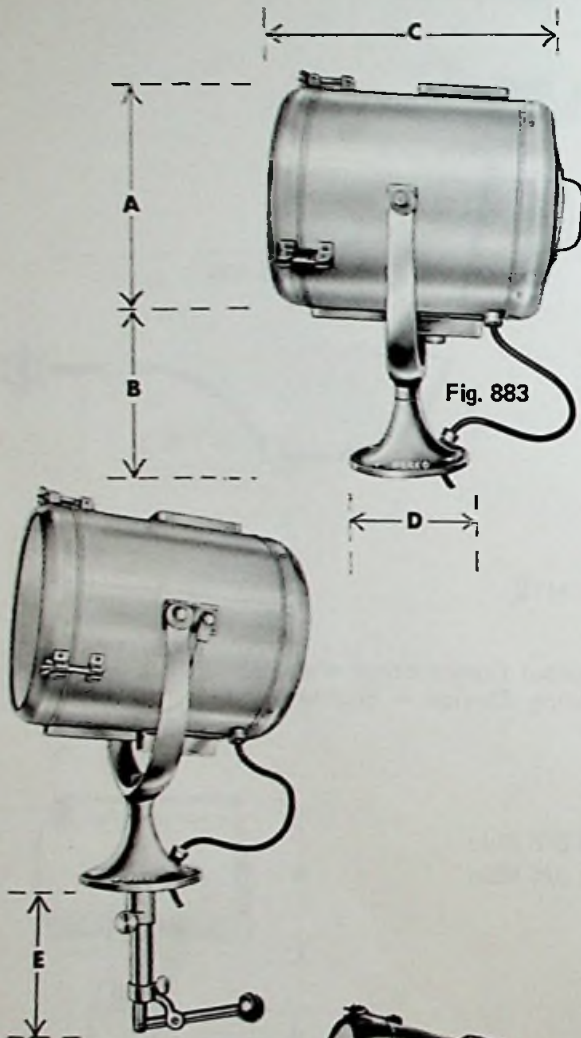


Fig. 884

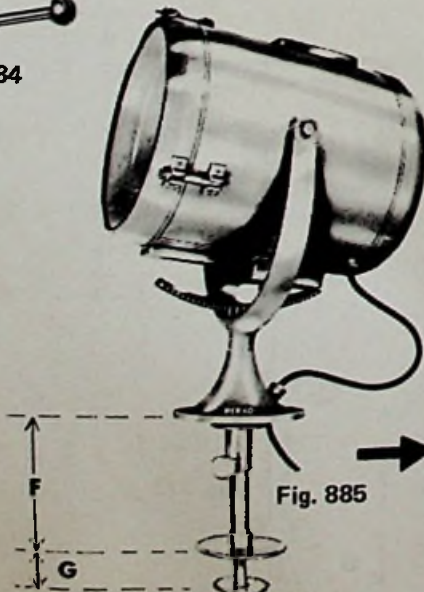


Fig. 885

Fig. 883 DECK CONTROL

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1	\$175.00	\$175.00	\$205.00
2	240.00	240.00	275.00
3	280.00	280.00	325.00

### Dimensions And Weight

No.	Diam. Reflector Inches	"A" Inches	"B" Inches	"C" Inches	"D" Inches	Weight Pounds
1	10	10-1/8	9	13	7	25
2	12	12-1/8	10	15	7	30
3	14	14-1/8	11	17	7	45

BULBS AND SOCKETS, SEE NOTE BELOW.



Fig. 884 LEVER CONTROL

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1	\$190.00	\$190.00	\$225.00
2	260.00	260.00	298.00
3	300.00	300.00	345.00

### Dimensions and Weight

No.	Diam. Reflector Inches	"E" Inches	Weight Pounds
1	10	8-1/2	30
2	12	8-1/2	35
3	14	8-1/2	50

Other Dimensions see Fig. 883

BULBS AND SOCKETS, SEE NOTE BELOW.



Fig. 885 WHEEL CONTROL

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1	\$195.00	\$195.00	\$225.00
2	260.00	260.00	300.00
3	315.00	315.00	368.00

### Dimensions and Weight

No.	Diam. Reflector Inches	"F" Inches	"G" Inches	Weight Pounds
1	10	7-1/2	1-1/2	30
2	12	7-1/2	1-1/2	35
3	14	7-1/2	1-1/2	50

Other Dimensions see Fig. 883

NOTE — WHEN ORDERING SEARCHLIGHT, GIVE FIG. NO. OF BULB OR TYPE OF SOCKET AS LISTED ON PAGE 66.

BULBS NOT INCLUDED IN ABOVE PRICES, SEE PAGE 66 FOR RECOMMENDATIONS AND OTHER INFORMATION.

10 INCH SIZE HAS SINGLE VENTILATION  
12 AND 14 INCH SIZES HAVE DUAL VENTILATION



## PERKO HIGH POWERED DE LUXE SEARCHLIGHTS HEAVY DUTY – MARINE – ALL VENTED

With Mirror Reflector – 6-12-32-120 Volts – Packing Glands at Cable and Control Rod Entrances

**BODIES:** constructed of heavy wrought brass.

**STANDS, YOKES and CONTROL MECHANISM** are all cast bronze.

**REFLECTORS:** glass mirror which projects a highly concentrated beam of light a great distance.

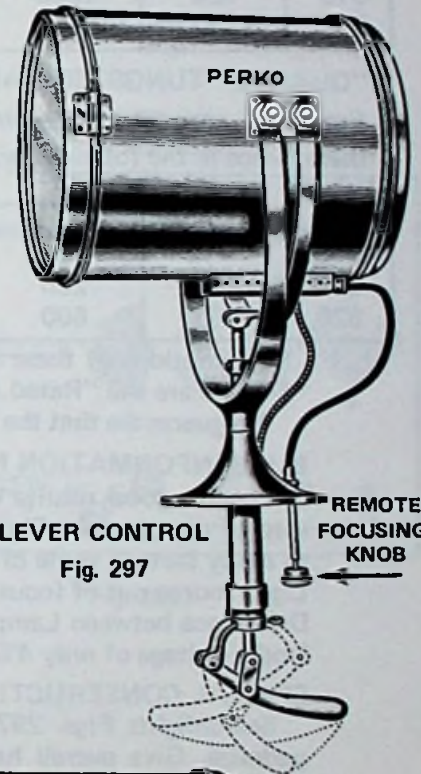
**FOCUSING DEVICE:** new remote control type permits changing beam diameter from pilot house.

**PILOT HOUSE CONTROLS:** wheels or lever type. With locking device.

**WIRING:** enclosed in flexible metal hose, fully protected from weather.

### LEVER CONTROLLED SEARCHLIGHT—Fig. 297

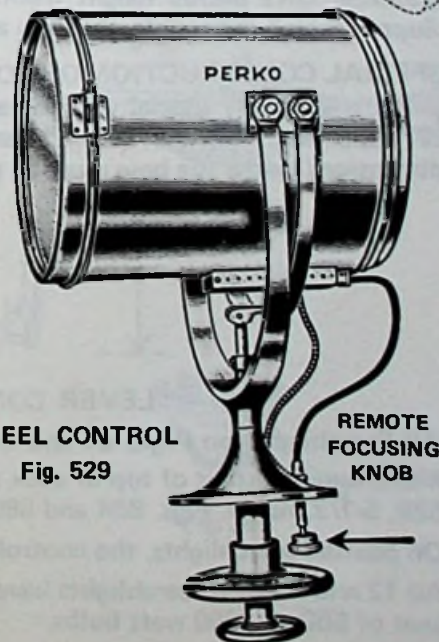
Size Inches	Polished Brass Each	Chromium Plated Each
8	\$300.00	\$330.00
10	330.00	360.00
12	405.00	445.00
14	485.00	525.00



LEVER CONTROL  
Fig. 297  
REMOTE FOCUSING KNOB

### WHEEL CONTROLLED SEARCHLIGHT—Fig. 529

Size Inches	Polished Brass Each	Chromium Plated Each
8	\$320.00	\$355.00
10	355.00	390.00
12	435.00	470.00
14	510.00	550.00



WHEEL CONTROL  
Fig. 529  
REMOTE FOCUSING KNOB

Size Inches	Diameter Reflector Inches	* Range	*Beam Candle Power
8	8	up to 3/4 mile	350,000
10	10	up to 1 mile	590,000
12	12	up to 1-1/2 miles	700,000
14	14	up to 2 miles	850,000

Size Inches	Length of Body Inches	Clearance of Glass in Door Inches	Height Above Deck Inches	Diameter of Base Inches	Weight Pounds
8	12-3/4	7-3/4	19	6-7/8	30
10	14-3/4	9-1/2	21	6-7/8	34
12	17	11-3/4	24	6-7/8	41
14	19	13-1/2	26	8-1/8	56

#### NOTES

Standard length of control below base; Fig. 297 all sizes, from base to fulcrum of handle is 8 inches; Fig. 529, all sizes from base to center of upper wheel rim is 6-1/2 inches.

**NOTE – GIVE FIG. NO. OF BULB TO BE USED – SEE PAGE 66. BULBS NOT INCLUDED IN ABOVE PRICES SEE PAGE 66 FOR RECOMMENDATIONS AND OTHER INFORMATION**

8 and 10 INCH SIZES HAVE SINGLE VENTILATION  
12 and 14 INCH SIZES HAVE DUAL VENTILATION



## PERKO SEARCHLIGHTS IMPORTANT INFORMATION

INCANDESCENT LAMP RECOMMENDATIONS						
FIG.	VOLTS	WATTS	*TYPE BASE	**RATED LIFE	SEARCHLIGHT SIZE-INCHES	PRICE
800	6	108	MEDIUM SCREW	50 HOURS	8-10-12	\$ 9.75
801	12	130 C.P.	D.C. BAYONET	50 "	8-10-12	4.25
802	32	300	MEDIUM SCREW	50 "	8-10-12	16.00
805	32	500	MEDIUM PREFOCUS	50 "	8-10-12-14	24.50
806	32	900	MOGUL	100 "	12-14	34.00
807	120	500	MEDIUM PREFOCUS	25 "	8-10-12-14	8.00
809	120	750	MEDIUM PREFOCUS	25 "	12-14	15.00
810	120	1000	MEDIUM PREFOCUS	25 "	12-14	14.75
811	120	1000	MOGUL	25 "	12-14	20.00

### "QUARTZ" TUNGSTEN-HALOGEN LAMP RECOMMENDATIONS

For more concentrated beam, longer distance, brighter light, longer life etc. we suggest these lamps in the following sizes.

FIG.	VOLTS	WATTS	BASE	**RATED LIFE	SEARCHLIGHT SIZE-INCHES	PRICE
816	12	100	2 PIN-PREFOCUS	50	8-10-12-14	\$10.00
817	32	225	2 PIN-PREFOCUS	50	8-10-12-14	16.50
820	120	600	2 PIN-PREFOCUS	75	8-10-12-14	11.25

\* Illustrations of these bases are shown on page 44.

\*\* These are the "Rated Average Laboratory Life-Hours" of the Bulb Manufacturer.  
No guarantee that the life is limited to the time indicated.

#### BULB INFORMATION NECESSARY -

To give good results the bulb and reflector must be perfectly compatible, therefore be sure to mention the Fig. No. of the Bulb desired. Peak candlepower is exceedingly sensitive to many factors, some of which are listed below, reduction may range up to 20%.

Light source out of focus by 1/32 inch.

Difference between Lamp Manufacturers

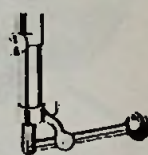
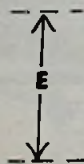
Under-voltage of only 4%.

#### SPECIAL CONSTRUCTION OF PEDESTAL -

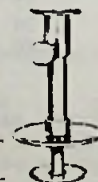
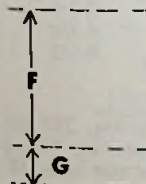
Searchlights Figs. 297 - 529 - 883 - 884 - 885 can be supplied with special height of pedestal. Give overall height from deck to top of searchlight head not including controls. Supply sketch if possible. Price on application.

#### SPECIAL CONSTRUCTION OF CONTROLS -

We will supply special vertical length of controls to order. For Lever Controls per Figs. 297, 305 and 884 the "E" dimension, on Figs. 313, 529 and 885 the "F" and "G" dimensions below the base must be given.



LEVER CONTROL



WHEEL CONTROL

All Searchlights on Pages 64 and 65 are equipped with Halo Deflectors.

Maximum thickness of top or deck for standard searchlights. Fig. 297, 4-1/4 inches. Fig. 529, 5-1/2 inches. Figs. 884 and 885, 4 inches.

On painted searchlights, the controls below the base have brushed brass finish. Not painted.

All 12 and 14 inch searchlights have dual ventilation, very necessary to dissipate the high heat of 500 or 1000 watt bulbs.



## PERKO STAINLESS STEEL ALCOHOL STOVE – Fig. 364 2 BURNER – PRESSURE TYPE – SATIN FINISH

18-8 Stainless Steel Body and Tray. Cast Bronze Slotted Burners. Brass, Chromium Plated Guard Rail. Tray is removable for cleaning. Air pressure gauge shows best working pressure.

Pressure pump is brass and has back pressure valve. Fuel tank is hidden behind front apron and holds 1-1/8 gallons. Its top is lined with sheet asbestos for heat insulation. Front section of guard rail is removable.

Perko Burners are by reputation the most dependable and fastest heating of all alcohol burners in the marine field. Using a good grade of "burning alcohol," both burners will operate for 14 hours on one gallon of fuel and one pound of pressure.

Complete Each	Extreme Length Inches	Extreme Width Inches	Extreme Height Inches	Weight Pounds
\$120.00	20-1/2	12	8-1/2	27

Above price includes a Fig. 365 funnel for filling.



## ALCOHOL STOVE PARTS – Fig. 368 For Fig. 364

No.	Each
1 Fuel Tank Air Pump Complete	\$ 4.50
2 Pump Check Valve Spring	.50
3 Pump Check Valve	.70
4 Leather Plunger for Pump	.45
5 Needle Valve Stem	1.00
6 Plastic Control Knob	1.20
7 Air Pressure Gauge	3.50
8 Wing Nut for Filter Entrance	1.00
9 Filler Cap for Fuel Tank	1.50
10 Knob for Removable Tray	1.00
11 Fitting for Fuel Supply Line	1.35
12 Screw for Air Escape Valve	.45
13 "O" Rings for Wing Nut No. 8	.35
14 "O" Rings for Filler Cap No. 9	.35
15 Graphite Packing for Valve Stem	.15
16 Spare Fuel Tanks	25.00
17 Grates only	2.75



## PERKO ALCOHOL BURNER – Fig. 367 Cast Bronze

	Each
Complete	\$23.00
Wire Brush Filters Only	3.00
Priming Pan Only	2.00
Packing Nut for Valve Stem	.55



## OFFSET FUNNEL – Fig. 365 Heavy Gauge Zinc – Brass Strainer

In addition to filling stoves, this funnel is handy for many purposes on the boat or at home.

Each	Capacity Ounces	Diam. Mouth Inches	Diam. Spout Inches	Weight Ounces
\$3.25	3	3	3/8	2

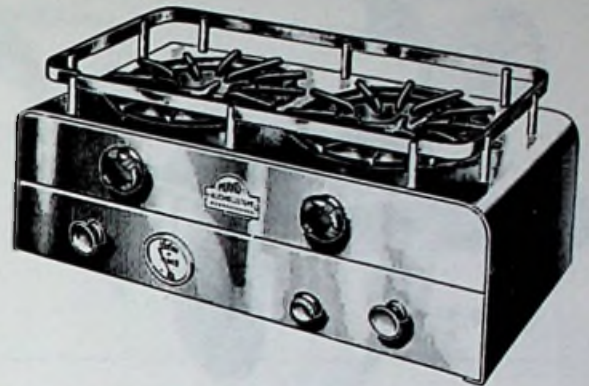


Fig. 364

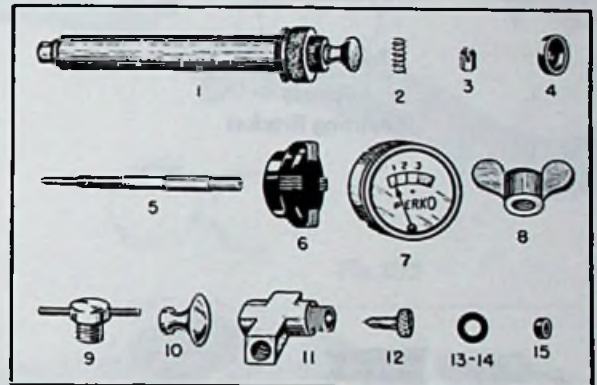


Fig. 368



Fig. 367



Fig. 365



IMPROVED

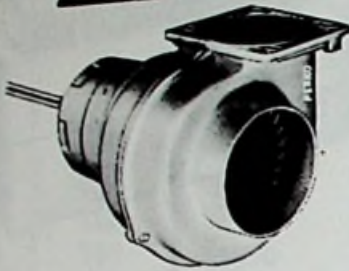
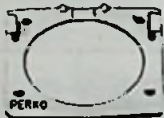


Fig. 778



Speedy Mounting Bracket

## IMPROVED MARINE EXHAUST BLOWERS—Fig. 778

HEAVIER DUTY MOTOR WITH 18-8 NON-MAGNETIC STAINLESS STEEL SHAFT - WHITE DELRIN IMPELLER - 12 VOLTS

BOTH SIZES IMPROVED TO MEET YACHT SAFETY BUREAU STANDARD E-30 AND ARE LISTED AND LABELED BY THAT AGENCY.

For removing dangerous gasoline fumes from the bilge and engine room, exhausting excess heat and cooking odors from the galley. Getting rid of foul air or odors from cargo holds and bilges.

An absolute necessity to the motor boat because their use decreases the hazard of fires and explosions from gasoline fumes.

Size No. 1 has Zamak Housing, White Enamelled Over Zinc Chromate - Supplied complete with speedy mounting bracket.

Size No. 2 has Cast Aluminum Housing, painted white.

No.	Size Intake Inches	Size Outlet Inches	Dimensions Overall Inches	Rated C.F.M.	Size Flange Inches
1	3	2-1/2	6-1/2 x 6 x 5	109	3 x 3
2	4	3-3/4	7 x 8 x 7	250	4-3/4 x 4-3/8

No.	Each	Spare Impellers Each	Spare Motors Each	Weight Pounds
1	\$21.00	\$2.25	\$11.00	3-1/2
2	43.00	2.75	14.00	6-1/2



## IMPROVED EXHAUST BLOWERS FOR BILGE INSTALLATION—Fig. 791 12 Volts

This is our improved Fig. 778 Blower with the motor enclosed in an additional housing. The stainless steel shaft passes through a neoprene seal and the electric cable through a waterproof rubber gland.

No.	Size Intake Inches	Size Outlet Inches	Dimensions Overall Inches	Rated C.F.M.	Flange Inches
1	3	2-1/2	7-1/2 x 6 x 5	109	3 x 3
2	4	3-3/4	8 x 8 x 7	250	4-3/4 x 4-3/8

No.	Each	Spare Impellers Each	Spare Motors Each	Weight Pounds
1	\$23.00	\$2.25	\$11.00	3-3/4
2	45.50	2.75	14.00	6-3/4

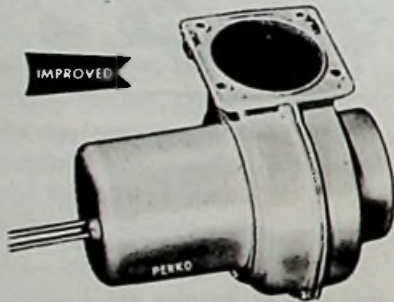


Fig. 791



IMPROVED



Fig. 193

## BLOWER AND IGNITION SWITCH—Fig. 193 RED LEXAN PLASTIC HOUSING - VAPOR PROOF - MULTIPLE POLE - COPPER CONTACTS - STAINLESS STEEL SPRING.

MEETS Y.S.B. STANDARD E-37 AND IS LISTED AND LABELED BY THE YACHT SAFETY BUREAU, INC.

With these improved switches the engine cannot be started before the blower has been turned on, then before the engine can be stopped the blower must again be started thus clearing out any remaining fumes before and after engine operations.

Each	Diameter Inches	Depth Inches	Weight Ounces
\$15.00	5	1-3/4	10



### VENTILATION KITS – FIG. 871

**KIT No. 1 – \$11.75 Each**

Consists of: 2 Chrome Fig. 870 No. 1 Vents.  
2 S.S. Fig. 6400 Hose Clamps.  
4-1/2 Ft. Fig. 789 2-1/2" Duct.

Weight – 4-1/2 Pounds

**KIT No. 2 – \$13.75 Each**

Consists of: 2 Chrome Fig. 870 No. 2 Vents.  
2 S.S. Fig. 6400 Hose Clamps.  
4-1/2 Ft. Fig. 789 3" Duct.

Weight – 5-1/2 Pounds

**KIT No. 3 – \$15.75 Each**

Consists of: 2 Chrome Fig. 870 No. 3 Vents.  
2 S.S. Fig. 6400 Hose Clamps.  
6 Ft. Fig. 789 3-1/2" Duct.

Weight – 6 Pounds

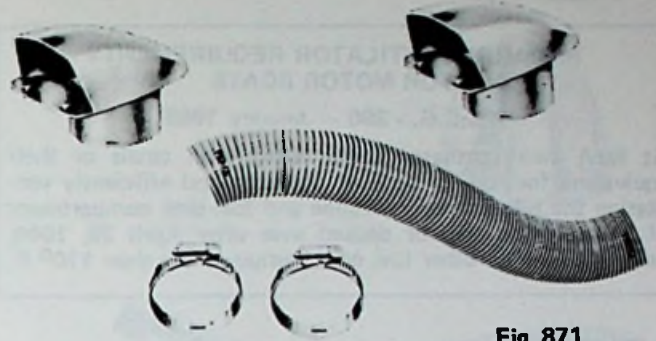


Fig. 871

★  
**BLOWER AND VENT KIT – FIG. 872**

**\$32.25 Each**

Consists of: 1 Fig. 791 No. 1 – 12 Volt Blower.  
1 Fig. 784 Mounting Adapter.  
1 Chrome Fig. 870 Vent for 3" Duct.  
4-1/2 Ft. Fig. 789 3" Duct.  
2 S.S. Fig. 6400 Hose Clamps.

Weight – 8 Pounds

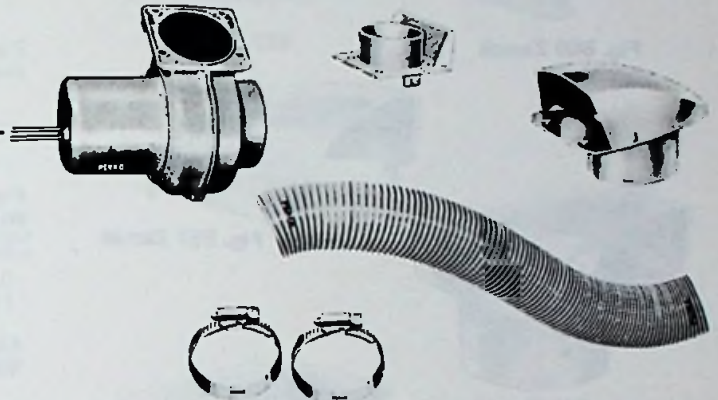


Fig. 872

★  
**BLOWER AND VENT KIT – FIG. 873  
WITH MOUNTING ADAPTER**

**\$27.50 Each**

Consists of: 1 Fig. 870 Vent with 3" neck.  
1 Fig. 790 Adapter.  
1 Fig. 791 No. 1 – 12 Volt Blower.

Weight – 5-1/2 Pounds

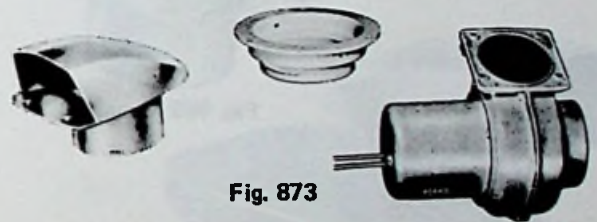


Fig. 873

★  
**BLOWER TO VENT  
MOUNTING ADAPTER – FIG. 790  
Zamak Die Casting – Painted White**

**\$1.20 Each**

For mounting a Fig. 778 or 791 No. 1 Blower as high as possible directly to vent without duct in between. For Vent with 3" neck. Complete with attaching screws.

Weight – 5-1/2 Ounces

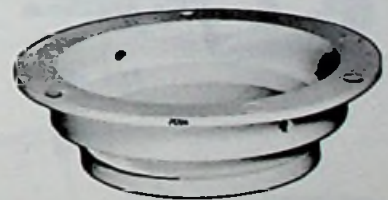


Fig. 790

★  
**MOUNTING ADAPTERS  
FOR EXHAUST DUCT – Figs. 784 & 787**

Zamak Die Casting – White Enameled

Fig. 784 for mounting blower and leading duct to outlet ventilator.

Fig. 787 for outlet end of duct or to support free end of duct in various installations. Can be fastened thru base under deck or thru side if preferred.

Each	Dimensions Inches	Weight Ounces
\$2.40	3-3/4 x 3-1/2 x 1-5/8	14

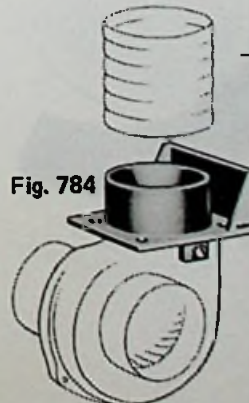


Fig. 784

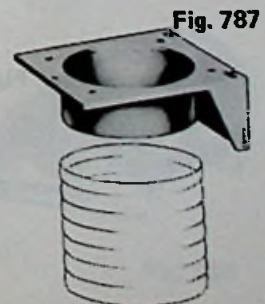


Fig. 787



**MINIMUM VENTILATOR REQUIREMENTS FOR MOTOR BOATS**

U.S.C.G. - 290 - January 1968

At least two ventilator ducts fitted with cowls or their equivalent for the purpose of properly and efficiently ventilating the bilges of every engine and fuel-tank compartment of boats constructed or decked over after April 25, 1940, using gasoline or other fuel of a flashpoint less than 110° F.



Fig. 866 Zamak



Fig. 867 Zamak

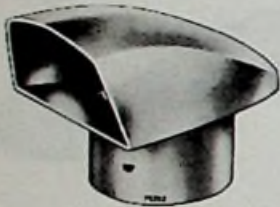


Fig. 868 Zamak

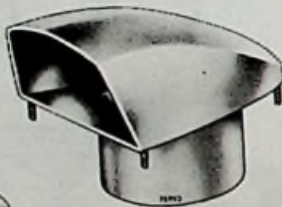


Fig. 869 Zamak



Fig. 654 Bronze  
Fig. 870 Zamak

**SHELL TYPE VENTILATORS**

Cast Bronze or Zamak Die Castings - Chromium Plated

**Zamak Dimensions**

Size No.	For I.D. Duct Inches	Mouth Opening Square Inches	Length Overall Inches	Width Overall Inches	Average Weight Ounces
1	2-1/2	5	5-1/8	3-7/8	22
2	3	7	5-1/8	3-7/8	25
3	3-1/2	10	6-1/4	4-3/4	27

**Bronze Dimensions**

1	3	5	5-1/8	3-7/8	30
---	---	---	-------	-------	----

Fig. 866 has base drilled and tapped for three 1/4-20 screws.

Fig.	No. 1 Each	No. 2 Each	No. 3 Each
866	\$2.40	\$2.65	\$3.30

Fig. 867 has three studs 12-24 x 1-1/2 inches long. Nuts and washers included.

Fig.	No. 1 Each	No. 2 Each	No. 3 Each
867	\$3.10	\$3.30	\$4.00

Fig. 868 has base drilled and tapped for three 1/4-20 screws. With neck for exhaust duct.

Fig.	No. 1 Each	No. 2 Each	No. 3 Each
868	\$3.60	\$4.00	\$5.25

Fig. 869 has three studs 12 - 24 x 1-1/2 inches long. With neck for exhaust duct. Nuts and washers included.

Fig.	No. 1 Each	No. 2 Each	No. 3 Each
869	\$4.40	\$4.80	\$5.85

Figs. 654 and 870 have flange on front and hole in rear for No. 10 wood screw mounting. With neck for exhaust duct. Cowl of Fig. 654 is Bronze but flange and neck is Zamak.

Fig.	No. 1 Each	No. 2 Each	No. 3 Each
654	\$11.60		
870	4.00	\$4.40	\$5.50



**IMPROVED FLEXIBLE EXHAUST DUCT - Fig. 789**

Vinyl - with high tensile spring wire coil non-flammable - resists many corrosive chemicals - long life under exposure to sunlight - color is blue.

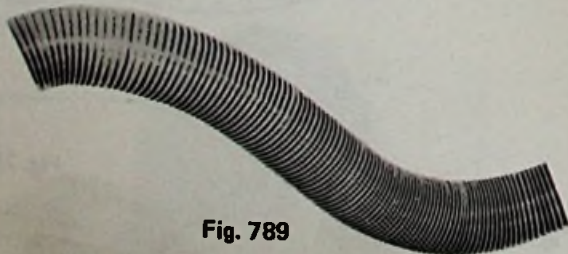


Fig. 789

Stock Length Feet	Inside Diameter Inches	Inside Diameter Inches	Inside Diameter Inches	Inside Diameter Inches	Lengths Per Carton
	2-1/2	3	3-1/2	4	
4-1/2 Ft. Ea.	\$3.00	\$3.50			20
6 Ft. Ea.			\$4.75		20
9 Ft. Ea.	5.80	6.80			10
12 Ft. Ea.			9.25		10
25 Ft. Ea.	15.00	18.00	19.50	\$22.00	2

SHIPPED ONLY IN FULL CARTONS

Special lengths available in quantity, price and delivery on application.





## MIDGET CLAM SHELL VENTILATOR – Fig. 315

18-8 Stainless Steel – Polished – Heavy Gauge

Here's a streamlined, midget ventilator with many uses including shielding gas tank vents. Drilled for No. 6 screw.

No.	Each	Base Dimensions Inches	Height Opening Inches	Thickness Inches	Weight Ounces
1	\$.60	1-5/8x1-1/2	7/16	.045	1/2
2	.70	2 x2	9/16	.062	1-1/4

Standard Package, 10 Pieces



Fig. 315

## CLAM SHELL VENTILATOR – Fig. 339

Brass – Chromium Plated

Beautifully styled to enhance the appearance of any boat. Bored and countersunk for No. 6 screw.

Each	Width Opening Inches	Height Opening Inches	Base Dimensions Inches	Weight Ounces
\$3.40	2-1/2	1-5/8	4 x 3-3/4	5

Standard Package, 5 Pieces



Fig. 339

## CLAM SHELL VENTILATORS – Fig. 323

Cast Bronze

No.	Chromium Plated Each	Width Opening Inches	Height Opening Inches	Size Base Inches	For Screw No.	Weight Ounces
4	\$5.25	2-5/8	1-1/2	3-1/2x3-1/4	7	10
5	7.60	3-1/2	2	3-7/8x3-1/2	7	13

Standard Package, 5 Pieces



Fig. 323

## STREAMLINE VENTILATORS – Fig. 324

Cast Bronze

No.	Chromium Plated Each	Width Opening Inches	Height Opening Inches	Size Base Inches	For Screw No.	Weight Ounces
2	\$4.60	1-3/4	1	2-5/8x3-3/8	7	6
3	6.75	2-7/8	1-5/8	3-5/8x4-3/4	7	12

Standard Package, 5 Pieces



Fig. 324

## DECK VENTILATOR – Fig. 931

Cast Bronze – Chromium Plated

A very handsome and practical fitting.

Each	Extreme Length Inches	Extreme Width Inches	Opening Inches	Weight Pounds
\$16.50	8-3/4	5-1/2	5-1/4 x 1	2-1/2

Standard Package, 2 Pieces.



Fig. 931

## FIBRE GLASS VENTILATORS – Fig. 338

Lustrous White Outside Finish

No.	Each	Length Overall Inches	Width Overall Inches	Weight Ounces
1	\$6.00	6-3/4	5-1/2	3-1/2
2	8.00	7-1/2	7-1/8	4-1/2

Standard Package, 5 Pieces.



Fig. 338

## CRUISER VENTILATOR—Fig. 908

Cast Bronze

An extremely neat ventilator for cruiser decks and cabin roofs.

An integral water guard inside mouth prevents spray or rain from entering ventilator. A bronze screen permanently installed to keep insects out of cabin.

Brushed Bronze Each	Polished Bronze Each	Chromium Plated Each	Size Base Inches	Height Overall Inches	For Screw No.	Weight Pounds
\$21.50	\$28.50	\$31.00	6-3/8x5-3/4	3-1/4	8	4

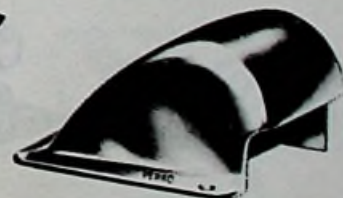


Fig. 908



Fig. 1069

**JUNIOR TRANSOM VENTILATOR – Fig. 1069**

Cast Bronze

Plain Bronze Each	Chromium Plated Each	Size Flange Inches	For Screw No.	Weight Pounds
\$2.75	\$5.00	6-1/2x2-1/8	6	1/2

Standard Package, 5 Pieces



Fig. 1062

**SENIOR TRANSOM VENTILATOR – Fig. 1062**

Cast Bronze

Plain Bronze Each	Chromium Plated Each	Dimensions Inches	For Screw No.	Weight Pounds
\$5.00	\$8.25	10 x 4	8	1

Standard Package, 5 Pieces



Fig. 550

**TRANSOM OR LOCKER VENTILATOR – Fig. 550**

18-8 Stainless Steel – Polished

Each	Dimensions Inches	For Screw No.	Weight Ounces
\$1.75	7 x 2-1/2	8	3

Standard Package, 10 Pieces

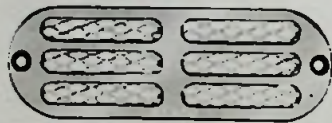


Fig. 1271

**TRANSOM OR LOCKER VENTILATOR – Fig. 1271**

Zamak Die Casting – Chromium Plated – With Grill Type Screen

Each	Dimensions Inches	For Screw No.	Weight Ounces
\$1.60	6 x 2	8	3

Standard Package, 10 Pieces

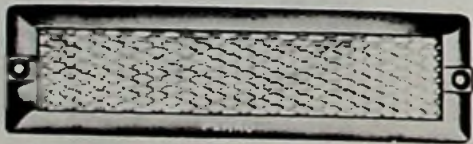


Fig. 1238

**TRANSOM OR LOCKER VENTILATOR – Fig. 1238**

Zamak Die Casting – Chromium Plated – With Grill Type Screen

Each	Dimensions Inches	For Screw No.	Weight Ounces
\$1.45	8-3/8 x 2-1/4	8	3

Standard Package, 10 Pieces



Fig. 330

**LOCKER VENTILATORS – Fig. 330**

18-8 Stainless Steel – Polished

No.	Each	Diameter Inches	For Screw No.	Weight Ounces
1	\$.60	2-1/2	6	1
2	.80	3-1/4	6	2

Standard Package, 10 Pieces

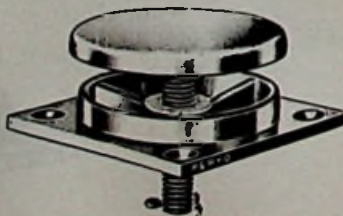


Fig. 783

**LOCKER VENTILATORS – Fig. 783**

Cast Bronze – Chromium Plated

Each	Diam. of Opening Inches	Size Plate Inches	Weight Pounds
\$10.75	1-5/8	2-1/2 x 2-1/2	1/2



## COMBINATION TRANSOM VENT AND 135°

**STERN LIGHT – Figs. 980 & 984**

18-8 Alloy No. 304 Stainless Steel – Polished

Fig.	No.	Complete Each	Length Inches	Width Inches	Length Louvers Inches	Weight Ounces
980	1	\$ 8.00	8	3	2	6
980	2	8.80	10	3-1/2	3	7-1/2
984	1	9.60	13-1/4	3	2	8-1/2
984	2	10.50	17	3-1/2	3	10

Makes a very neat dual purpose installation. For details on light see Fig. 945 Stainless Steel International Light.



Fig. 980

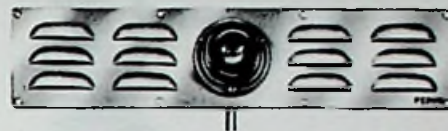


Fig. 984

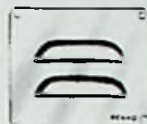
## STAINLESS STEEL LOUVER VENTILATORS

18-8 Alloy No. 304 – Polished

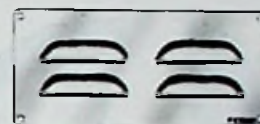
Fig. 334

No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
2	\$1.65	3 x 2-1/2	2	1
2-A	1.80	4 x 2-1/2	3	1-1/2
4	2.20	5-1/2 x 2-1/2	2	2
4-A	2.40	7-1/2 x 2-1/2	3	2-1/2
6	2.85	8 x 2-1/2	2	3
6-A	3.15	11 x 2-1/2	3	4

Standard Package, 10 Pieces per size

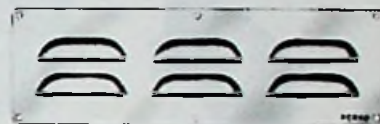


#2



#4

Fig. 334



#6

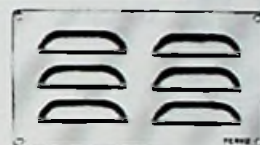
Fig. 335

No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
3	\$1.90	3 x 3	2	1-1/2
3-A	2.10	4 x 3-1/2	3	2
6	2.65	5-1/2 x 3	2	2-1/2
6-A	2.90	7-1/2 x 3-1/2	3	3-1/4
9	3.50	8 x 3	2	3-1/2
9-A	3.75	11 x 3-1/2	3	4

Standard Package, 10 Pieces Per size

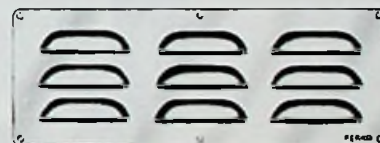


#3



#6

Fig. 335

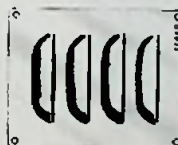


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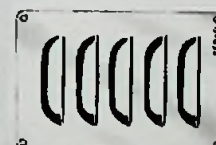
Fig. 336

No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
4	\$2.20	3-3/4 x 3	2	1-3/4
4-A	2.40	4-3/8 x 4	3	2
5	2.65	4-1/2 x 3	2	2
5-A	2.90	5-3/8 x 4	3	2-1/4
6	3.10	5-1/4 x 3	2	2-1/2
6-A	3.30	6-3/8 x 4	3	3

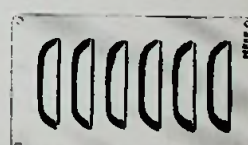
Standard Package, 10 Pieces Per size



#4



#5



#6

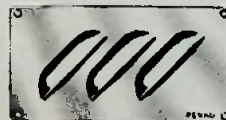
Fig. 336

## ANGLE TYPE – Fig. 342

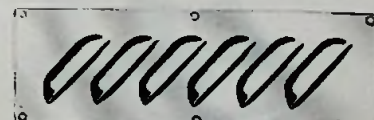
Supplied In Pairs, Port and Starboard

No.	Per Pair	Size Inches	Length Louvers Inches	Weight Pair Ounces
3	\$3.90	4-3/4 x 2-1/2	2	1-3/4
3-A	4.25	6 x 3	3	2-1/4
6	6.25	7-3/4 x 2-1/2	2	2-3/4
6-A	6.80	9-3/4 x 3	3	3-1/4

Standard Package, 5 Pairs Per Size



#3



#6

Fig. 342



Fig. 510

**COWL VENTILATORS – Fig. 510**

Round Mouth – With Threaded Deck Plate – Sheet Steel or Sheet Brass – Cast Bronze Deck Plate

Steel ventilators are hot galvanized after fabrication.

Deck Plate Size Inches	Galv. Each	Polished Brass Each	Chromium Plated Each	Diam. Mouth Inches	Height Overall Inches	Weight Pounds
2	\$ 23.00	\$ 36.00	\$ 39.50	4	5-1/2	1-1/8
2-1/2	23.50	39.50	43.50	5	6-1/2	1-3/4
3	29.00	49.00	53.00	6	8	2-1/2
4	38.50	61.50	67.00	8	11	4
5	49.50	79.00	85.00	10	13	6
6	74.00	125.00	134.00	12	16	9
8	101.00	210.00	255.00	16	21	15-1/2



Fig. 513

**COWL VENTILATORS – Fig. 513**

With Swivel Deck Plate – Sheet Steel or Sheet Brass – Cast Bronze Deck Plate

Deck Plate Size Inches	Galv. Each	Polished Brass Each	Chromium Plated Each	Diam. Mouth Inches	Height Overall Inches	Weight Pounds
3	\$26.00	\$ 52.50	\$ 59.00	6	8	2
4	34.50	63.00	71.50	8	12	3-3/4
5	43.50	76.50	85.00	10	13-1/2	4-3/4
6	62.50	114.00	125.00	12	17-1/2	7-1/2
8	82.50	198.00	247.00	16	20-1/2	11-1/2

When ordering Fig. 510 & 513 without deck plate, specify with or without ring on neck.

Figs. 510 and 513 sizes are standard; special sizes and heights made to order.



Fig. 571

**OVAL MOUTH COWL VENTILATOR – Fig. 571**

Cast Bronze – Swivel Type

Deck Plate Size Inches	Polished Bronze Each	Chromium Plated Each	Size Mouth Inches	Height Inches	Weight Pounds
3	\$44.50	\$47.50	6-1/4 x 4	9-1/8	6

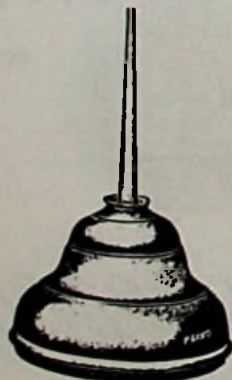


Fig. 326

**ZINC MARINE OILERS—Fig. 326**

Spring Brass Bottom

Complete Per Dozen	Extra Spouts Per Dozen	Capacity Ounces	Diam. Inches	Length Spout Inches	Weight Per Dozen Pounds
\$21.00	\$6.00	8	4	4	3-1/2

Standard Package, 12 Pieces.



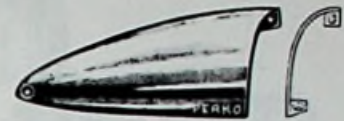
## STREAMLINE SPACE SAVER VENTILATOR — Fig. 771

Cast Bronze — Chromium Plated

Bosses for fastening are inside ventilator out of sight but angled toward mouth for insertion of wood screws. Drilled for No. 8 F.H. wood screw.

Supplied in pairs for starboard and port sides. When ordering a half pair mention side required.

Per Pair	Length Overall Inches	Height Overall Inches	Dimensions Mouth Inches	Weight Per Pair Pounds
\$21.75	9-3/4	4-1/2	4 x 1-3/4	2-3/4



Starboard Side

Fig. 771

## SPACE SAVER VENTILATORS — Fig. 782

Cast Bronze — Chromium Plated

No.	Per Pair	Inside Diameter of Base Inches	Inside of Mouth Inches	Height Overall Inches	For Screw No.	Weight Per Pair Pounds
1	\$27.50	2-1/2	2-3/8x5	6-3/4	8	3-3/4
2	47.00	3-1/2	3-1/8x7-1/2	9	8	6

When ordering a half pair, please mention whether for port or starboard side.



Starboard Side

Port Side

Fig. 782

## TURBINE VENTILATORS — Fig. 744

For Marine Use — Improved Bearing Running in Oil — Steel or Copper

Inside Diam. Inches	Steel Each	Copper Each	Height Overall Inches	Diam. Overall Inches	Capacity C.F.M.	Weight Pounds
4	\$14.75	\$27.50	10	7	140	2-3/4
5	15.00	27.75	12	8-1/2	152	3-1/2
6	15.50	28.50	13	9-1/2	196	4-1/2
7	18.30		15	11	243	6
8	19.75		16	12-1/2	285	7
10	23.75		18-1/2	15	445	10
12	26.75		20	17-1/2	650	12

With reinforcing band around bottom of neck supplied to order, price on application.

Steel vents are painted aluminum.



Fig. 744

## TURBINE VENTILATOR WITH MOUNTING FLANGE — Fig. 748

For removing gasoline fumes from engine room and bilge, cooking odors from the galley, ventilation of the cabins, etc.

The moving breeze whirls the head and the resulting vacuum causes a powerful upward lift to the air below.

Absolutely quiet in operation, durable and rainproof.

Inside Diameter Inches	Steel Each	Copper Each	Base Diameter Inches	Height Overall Inches	Weight Pounds
4	\$19.00	\$30.75	6	10-1/4	3-1/2
5	20.50	33.00	7	12-1/4	4-1/2
6	22.75	35.75	8	13-1/4	6
8	29.00		10	16-1/2	9



Fig. 748



Fig. 414 - Brass

Fig. 414-A - Aluminum

## IMPROVED

### TRANSOM DRAIN PLUGS - Fig. 414 & 414-A

Brass or Aluminum - Expanding Plug with Safety Chain

No.	Complete		Plug Only		Tube Only	
	Brass Each	Aluminum Each	Brass Each	Aluminum Each	Brass Each	Aluminum Each
1	\$2.10	\$1.90	\$1.65	\$1.55	\$.60	\$.55
2	2.30	2.15	1.65	1.55	.80	.75

Standard Package, 10 Pieces

No.	Diam. Tube Inches	Length Overall Inches	Length Tube Inches	Weight Ounces
1	1	2-1/2	2	4-1/2
2	1	3-1/4	2-3/4	5



### GARBOARD DRAIN PLUGS - Figs. 263, 363 & 266

Cast Bronze

Figs. 263 and 266

Each	Pipe Size Inches	Diam. Flange Inches	Depth Inches	Weight Ounces
\$4.50	3/4	2-5/8	5/8	11

Fig. 363

For plywood, fibreglass or metal hulls.

No.	Each	Pipe Size Inches	Diam. Flange Inches	Length Threaded Neck Inches	Max. Hull Thickness Inches	Weight Ounces
1	\$6.60	3/4	2-3/8	9/16	3/16	13-1/2
2	8.25	3/4	2-3/8	1	1/2	14
3	8.25	3/4	2-3/8	1-1/4	3/4	14-1/2

Standard Package, 5 Pieces



### GARBOARD DRAIN PLUGS - Figs. 714 & 737

Pressure Cast Silicon Bronze

Figs. 737 No. 1 and 737 No. 2 have extra brass flange and 3 F.H. machine screws, maximum space between flanges is 7/16 inches.

Fig.	No.	Each	Pipe Size Inches	Diam. Flange Inches	Depth Inches	Weight Ounces
714	1	\$2.30	1/2	2	5/8	3
714	2	2.60	1/2	2	5/8	4
737	1	3.45	1/2	2	5/8	6
737	2	3.85	1/2	2	5/8	7

Standard Package, 5 Pieces



### GARBOARD DRAIN PLUGS - Fig. 124

Cast Bronze

A few of these drain plugs installed in garboard allows quick drainage of boat when hauled out. Threads are tapered pipe sizes and plugs are watertight.

Each	Pipe Size Inches	Diam. Flange Inches	Depth Inches	Weight Ounces
\$7.20	1	3-1/8	1	10

Furnished complete with galvanized wrench. Spare wrench \$.75 each.

Standard Package, 5 Pieces



### FLUSH DRAIN PLUG - Fig. 729

Pressure Cast Silicon Bronze

Has wide slot for screw driver or large coin.

Plain Bronze Each	Chromium Plated Each	Pipe Size Inches	Diameter Flange Inches	For Screw No.	Weight Ounces
\$3.50	\$4.20	1/2	2	8	3-1/2

Standard Package, 5 Pieces



Fig. 263



Fig. 363



Fig. 266



Fig. 714 No. 1



Fig. 737 No. 1



Fig. 714 No. 2



Fig. 737 No. 2



Fig. 124

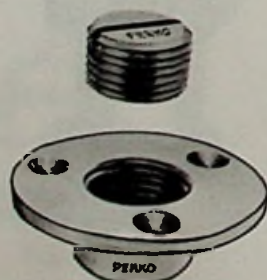


Fig. 729



### SMALL BOAT DRAINER – Fig. 386

Threaded Type – Cast Bronze

Starts draining at speed of 5 miles per hour. Install in after end of boat and be sure that mouth is toward the stern. Made for hulls 3/8 inch or thicker but may be used with thinner hulls by cutting away necessary portion of neck. Depth of mouth below hull is 3/4 inch.

Each	Height Inside Boat Inches	Width Overall Inches	Weight Pounds
\$7.00	2-3/4	2-1/2	1-1/4

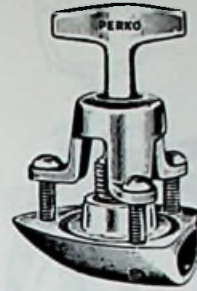


Fig. 386

### LIFE BOAT DRAINER – Fig. 213

Cast Bronze

Sponge rubber ball check valve closes automatically when boat is launched, opens for drainage when boat is hauled out.

Cover threaded 1-13/16 inches, No. 14.



Fig. 213

Complete Each	Caps Only With Chain Each	Balls Only Per Dozen	Diam. Opening Inches	Diam. Flange Inches	Diam. Ball Inches
\$8.25	\$2.15	\$2.20	1-1/4	3-5/8	1-1/2

### BRONZE NAVY PUMP STRAINERS –

Figs. 704, 705, 721 & 722

Fig.	Each	Pipe Thread Inches	For Hose Inches	Length Inches	Width Inches	Weight Pounds
704	\$7.30		1-1/4	7	2-3/4	2
705	6.60		1-1/4	4-3/4	2-3/4	1-1/2
721	6.60	1-1/4		5	2-3/4	1-1/2
722	6.60	1-1/4		4-3/4	2-3/4	1-3/8

Standard Package, 5 Pieces.



Fig. 704

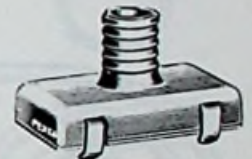


Fig. 705



Fig. 721



Fig. 722

### JUNIOR STRAINER – Fig. 709

Cast Bronze – For 5/8 Inch Rubber Hose

Excellent for use with bilge pumps having 5/8 inch hose for intake such as our Fig. 202, etc.

Each	Length Overall Inches	Width Inches	Weight Ounces
\$2.95	4	1-3/4	6

Standard Package, 5 Pieces.



Fig. 709

### RUBBER HOSE AND STRAINER – Figs. 208 & 209

For Figs. 200 and 202 Brass Bilge Pumps

Heavy moulded rubber hose, durable and lasting. 1/2 inch inside diameter. Standard hose length is 5 feet. Other lengths of hose can be furnished. Price on application.

Fig. 208 – Standard 5 ft. length	Each \$1.55
Fig. 209 – Cast Bronze Strainer	\$1.20



Fig. 208



Fig. 209

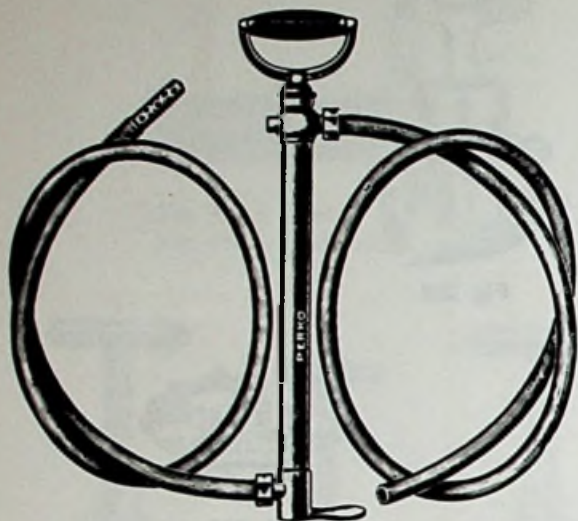
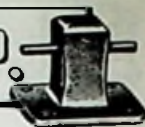


Fig. 202

## BRASS BILGE PUMPS – Fig. 202

### Double Action

Cast bronze foot rest and two 5 foot lengths of hose for suction and discharge.

No.	With Hose Each	Height Inches	Diameter Inches	Capacity Per Min. Gallons	Weight Pounds
5	\$26.00	18-5/8	1-1/8	5	3
6	30.00	21	1-1/2	10	4

Without hose, deduct \$1.00 for each hose

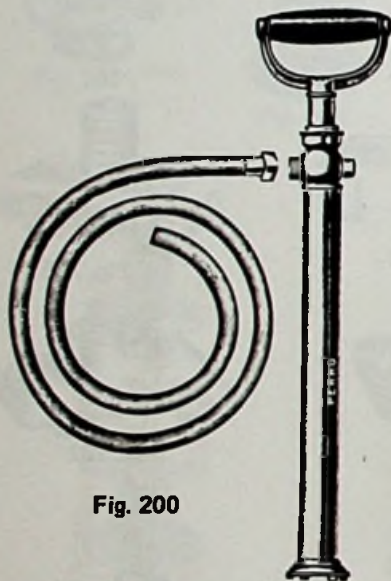


Fig. 200

## BRASS BILGE PUMPS – Fig. 200

### Double Action

Heavy brass seamless tubing, cast bronze fittings, treated leather packing, hollow brass ball checks. "D" shaped handle. Moulded rubber hose 5 feet long furnished with each pump.

No.	With Hose Each	Height Inches	Diam. Inches	Capacity Per Min. Gallons	Weight Pounds
1	\$19.50	17-5/8	1-1/8	5	2-1/4
2	25.00	20	1-1/2	10	3-1/4

Without hose, deduct \$1.00 each



Fig. 146

## CRANK CASE PUMP – Fig. 146

### Double Action – Brass

For draining the crank case through filler opening, with outlet spout for attaching rubber hose. Intake is bronze flexible metal hose.

Capacity – 30 strokes per gallon.

Complete Each	Spare Intake Hose Each	Length Overall Inches	Length Intake Hose Inches	Diam. Pump Inches	Weight Pounds
\$22.00	\$4.60	17-1/2	12-1/2	1-1/8	2-1/2



## SPARE PARTS FOR ABOVE PUMPS

	No.	Outside Diam. Inches	Each		No.	Outside Diam. Inches	Each
Flange Washer	No. 1	1-1/16	\$ .40	Split Washer	No. 1	13/16	\$ .11
Fig. 203	No. 2	1-7/16	.45	Fig. 205	No. 2	1-13/16	.17
Cup Washer	No. 1	1-1/16	\$ .40	Hollow Ball	No. 1	1/2	\$ .35
Fig. 204	No. 2	1-3/8	.45	Fig. 206	No. 2	7/8	.40





**CHAMPION NAVY BILGE PUMP – Fig. 1016**  
 Brass Cylinder – Cast Bronze Parts – For Pipe – With  
 Weighted Leather Valve

**CAPACITY – 16 STROKES – 5 GALLONS**

Each	Extreme Length Inches	Diameter Cylinder Inches	Inlet Pipe Thread Inches	Outlet Pipe Thread Inches	Diameter Plunger Rod Inches
\$50.00	24	2-3/4	1-1/4	1-1/2	1/2

Fig. 147 – Weighted leather valve only, each ..... \$1.80  
 Fig. 151 – Flax packed plunger only, each ..... 3.50



**JUNIOR NAVY BILGE PUMP – Fig. 1018**  
 Brass Cylinder – Cast Bronze Parts – For Pipe – With  
 Weighted Leather Valve

**CAPACITY – 16 STROKES – 3 GALLONS**

This is the Fig. 1016 "Champion" Pump reduced in length  
 for installation in limited space.

Each	Extreme Length Inches	Diameter Cylinder Inches	Inlet Pipe Thread Inches	Outlet Pipe Thread Inches	Weight Pounds
\$44.00	16-1/4	2-3/4	1-1/4	1-1/2	5-1/2



**SUPER NAVY BILGE PUMP – Fig. 701**  
 For Hose – With Weighted Leather Valve

Each	Extreme Length Inches	Inlet Hose Inches	Outlet Hose Inches	Weight Pounds
\$50.00	27	1-1/4	1-1/2	9-1/2



**MIDGET NAVY BILGE PUMP – Fig. 702**  
 For Hose – With Weighted Leather Valve

Our Fig. 701 pump reduced in length for boats requiring a  
 large capacity pump to be installed where space is limited.

Each	Extreme Length Inches	Diameter Cylinder Inches	Inlet Hose Inches	Outlet Hose Inches	Weight Pounds
\$44.00	18-1/4	2-3/4	1-1/4	1-1/2	7-5/8



**COMPLETE PLUNGER ASSEMBLY ONLY – Fig. 108**

No. 1 for Figs. 702 & 1018 ..... \$10.00 Each  
 No. 2 for Figs. 701 & 1016 ..... 12.00 Each



Fig. 1016



Fig. 151  
 Flax Packed Plunger



Fig. 147  
 Weighted Leather Valve



Fig. 1018



Fig. 701

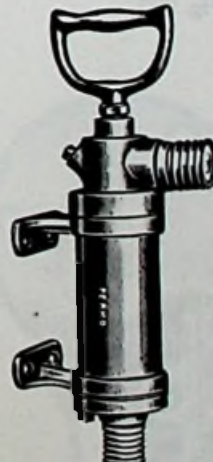


Fig. 702

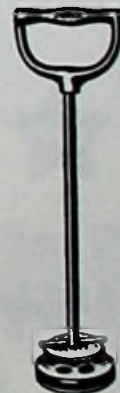


Fig. 108



**AUTOMATIC SWITCH FOR BILGE PUMPS — Fig. 662**  
 Pressure Operated Diaphragm Type — For Non-Automatic Bilge Pumps — Cast Bronze — With Synthetic Rubber Diaphragm — Heavy Duty Mechanical Switch — For All Voltages From 6 to 110



Fig. 662

This switch will start the pump operating when the water reaches the top of the switch or 2-1/4 inches. It will turn off again when the water reaches a depth of 1 inch but by connecting 1/4 inch tubing to the 1/8 inch pipe tapped end of switch and into the discharge line of the pump. The pressure in the pump discharge line will continue to operate the switch until the pump sucks air.

Complete Each	Spare Switch Each	Spare Diaphragm Each	Height Inches	Diam. Base Inches	Weight Pounds
\$21.00	\$3.75	\$1.00	2-1/4	4-1/4	2



**PERKO WING PUMPS — Fig. 681**

All Bronze — Double Action — Oscillating — Great Capacity — Lift and Head over 35 Ft. Effortless Operation — Hard-wood Handle

Constructed entirely of cast bronze, principally for use as a marine bilge pump, but is used in large quantities in the industrial field for pumping oil and gasoline, hot liquids, juices, etc. The interior consists of a cast bronze wing which oscillates on a bronze shaft connected to handle. The wing has lubricated square flax packing set in grooves which runs on interior of drum and as no metal parts rub together this pump will last for years without noticeable wear. Packing is very easily replaced. Intake valves have been greatly improved and priming is unnecessary even after several weeks of disuse.



Fig. 681

No.	Each	Size Pipe Connection Inches	Overall Diam. of Body Inches	Capacity Per Minute Gallons	Weight Pounds
0	\$ 79.00	1/2	5-1/8	5	11-1/2
1	90.00	3/4	5-3/4	7	14
2	102.00	1	6-5/8	9-3/4	19-1/2

Spare handles complete \$8.25 each. Wood only \$2.20 each.



**ALL BRONZE SPUR GEAR PUMPS—Figs. 682 & 684**

Reversible — For Upper or Lower Shaft — Brass Grease Cups — 5/8 inch Drive Shaft — Body is drop forged bronze — non-porous

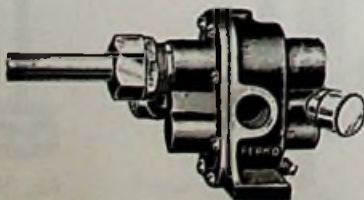


Fig. 682 — Upper Shaft  
 Fig. 684 — Lower Shaft

No.	Complete Each	Pipe Size Inches	Weight Pounds	Spare Gears Each	Spare Drive Shaft Each	Spare Idle Shaft Each
3	\$29.50	3/8	5-1/2	\$4.50	\$1.75	\$1.25
4	32.50	1/2	6	5.50	1.75	1.25

Note — When operating by belt and pulley, use intermediate bearing on shaft.



## GALLEY AND LAVATORY PUMPS

Bronze – Chromium Plated

Both Feature Inlet Valve Designed to Hold Prime and Leakproof Neoprene U-Cup Seals

Fig.	Chromium Plated Each	Chromium Plated Handle Only Each	Diam. Barrel Inches	Length Neck Inches	Threaded For Pipe Inches	Weight Pounds
467	\$38.50	\$5.75	1-1/2	2-1/2	1/2	3-1/2
473	41.00	7.00	1-1/2	2-1/2	1/2	3-1/2

Repair Kit, each \$3.30



Fig. 467 Metal Handle



Fig. 473 Mahogany Handle

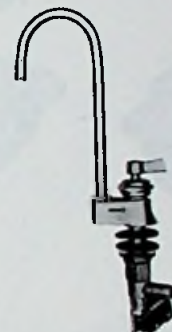


## ELECTRIC WATER FAUCETS

All Cast Bronze – With Adjustable Spout – All Voltages 6 to 120 – Turn the Handle and the Water Starts to Flow – No Hand Pumping or Priming Necessary

HAND CLOSING TYPES – Figs. 727 & 728

Fig.	Chromium Plated Each	Height Above Drain Board Inches	Length Below Drain Board Inches	Weight Pounds
727	\$29.50	8-1/4	5-1/2	2-1/2
728	25.00	3-1/4	5-1/2	2



High Spout Fig. 727



Low Spout Fig. 728

SPRING ACTION – SELF CLOSING TYPE – Fig. 740

Chromium Plated Each	Height Above Drain Board Inches	Spout Projection Inches	Weight Pounds
\$33.00	3-5/8	2-5/8	2-1/2



Fig. 740



## NEW FRESH WATER INLET FITTING – Fig. 499

Cast Bronze – Chromium Plated

For obtaining fresh water under pressure at dockside. For all types and sizes of vessels but particularly useful on houseboats.

External portion has a swivel hose connector, standard size, with watertight plug and stainless steel bead chain. Internal portion has 1/2 inch female N.P. thread and 3/4 inch male N.P. thread.

Each	Diameter Flange Inches	Weight Ounces
\$8.50	2-3/4	8

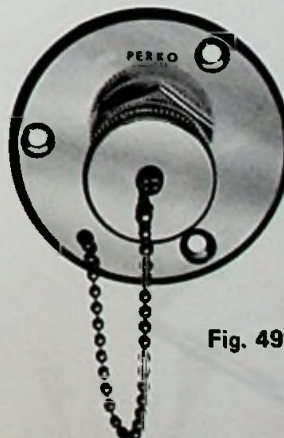


Fig. 499





## FIBRE GLASS LAVATORIES

Chip Proof – Heat Resistant – Resilient – Glazed White

These sturdy basins have all the appearance of fine vitreous china and will perform all the functions of same while providing light weight and lower cost. Will accommodate regular faucets or our various lavatory pumps.

Supplied complete with 1-1/4 inch tail piece for outlet.



Fig. 823

### CORNER TYPE – Fig. 823

Complete Each	Back Width Inches	Front To Back Inches	Size Basin Inches	Depth Basin Inches	Weight Pounds
\$27.00	13-1/2	15-3/4	11-3/4 x 8-1/2	5	2

Spare Tail piece and stopper – \$5.00 each.

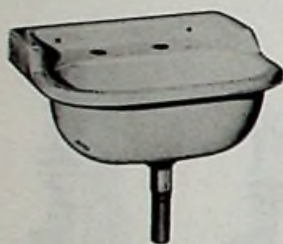


Fig. 825

### FLAT BACK TYPE – Fig. 825

Complete Each	Back Width Inches	Front To Back Inches	Size Basin Inches	Depth Basin Inches	Weight Pounds
\$23.00	15-1/4	12-3/8	12 x 7-1/2	5	2-1/4

Spare Tail piece and stopper – \$5.00 each.



Fig. 357

### DRAIN FITTING – Fig. 357

Brass – Chromium Plated

For use with sinks Figs. 356, 382, 392.

Each	Opening In Sink Inches	Diameter Tail Piece Inches	Weight Ounces
\$6.00	3-1/2	1-1/2	20



Fig. 586

### DRAIN FITTING – Fig. 586

Brass – Chromium Plated

For use with sinks Figs. 240 and 391

Each	Opening In Sink Inches	Diameter Tail Piece Inches	Weight Ounces
\$3.60	2	1-1/2	10



Fig. 347

### SINK FRAMES – Fig. 347

For Flush Installation – Self Sealing – Stainless Steel  
Easily Installed – No Special Tools Required

Complete with mounting lugs, bolts and corner brackets.

No.	Each	For Sink Outside Dimensions Inches
1	\$7.50	12 x 16
2	7.50	13-1/2 x 18-3/4
3	7.50	13-5/8 x 21-5/8



### RECTANGULAR STAINLESS STEEL SINKS – Fig. 356

Deep Drawn, Seamless Construction –  
19 Gauge 18-8 – Natural Finish

Corrosion resistant and immune to rust.  
No crevices for dirt or bacteria to collect.  
No painted or coated surface to crack or wear off.  
Bottom is heavily undercoated for sound deadening.  
Packed in individual cartons.

No.	Each	Size Inside Inches	Size Outside Inches	Depth Inside Inches	Weight Pounds
1	\$30.00	10 x 14	12 x 16	7	6
2	42.00	11-1/2 x 16-3/4	13-1/2 x 18-3/4	6	6-1/2
3	55.00	11-5/8 x 19-5/8	13-5/8 x 21-5/8	7	7-1/2

Finishing frame for above, see Fig. 347.  
Drain fittings not included, see Fig. 357.

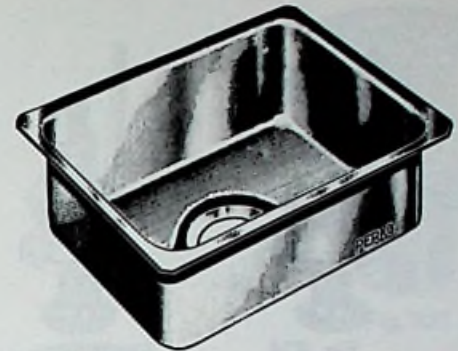


Fig. 356

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### ROUND STAINLESS STEEL SINKS – Fig. 391

Deep Drawn, Seamless Construction –  
20 Gauge 18-8 – Polished Finish – Self Rimming  
Bottom heavily undercoated for sound deadening.  
Packed in individual carton.

No.	Each	Diameter Inside Inches	Diameter Outside Inches	Depth Inside Inches	Weight Pounds
6	\$20.00	11-3/4	13-3/4	5	2

Finishing frame not required.  
Drain fitting not included, see Fig. 586.



Fig. 391

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### STAINLESS STEEL SINKS – Fig. 392

Deep Drawn, Seamless Construction –  
20 Gauge 18-8 – Natural Finish – Self Rimming  
Bottom heavily undercoated for sound deadening.  
Packed in individual carton.

No.	Each	Size Inside Inches	Size Outside Inches	Depth Inside Inches	Weight Pounds
1	\$35.00	10 x 14	13 x 17	7-1/2	7
2	46.00	14 x 15	17 x 19	7	6-1/2

Finishing frames not required.  
Drain fitting not included, see Fig. 357.



Fig. 392

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### FIBRE GLASS GALLEY SINK – Fig. 382

Glazed White – Self Rimming

Each	Inside Dimensions Inches	Outside Dimensions Inches	Inside Depth Inches	Weight Pounds
\$18.75	11-1/2x16-3/4	13-1/2x18-3/4	6	2-1/4

Drain fitting not included, see Fig. 357.  
Finishing frame not required



Fig. 382

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### ROUND FIBRE GLASS SINK – Fig. 240

Glazed White – Self Rimming

Each	Inside Diameter Inches	Outside Diameter Inches	Inside Depth Inches	Weight Ounces
\$12.50	10-3/4	13	5	14

Drain fitting not included, see Fig. 586.  
Finishing frame not required.



Fig. 240



### BRONZE ROUND WAY SEA COCKS — Figs. 834 & 835 With Drain Plugs and Removable Handle



Fig. 834



Fig. 835

No.	Size Inches	Fig. 834 Fig. 835 Each	With Fig. 86 Strainer Add Each	Size Strainer Inches	Without Hull Connection Deduct Each
1	3/4	\$22.00	\$1.55	3-1/2	\$ 2.80
2	1	33.00	1.55	3-1/2	4.05
3	1-1/4	42.00	2.20	4	5.90
4	1-1/2	49.00	3.75	5	7.30
5	2	88.00	3.95	6	10.70



### ECONOMY ROUND WAY SEA COCKS—Fig. 821

Cast Bronze — Drain Plug



Fig. 821

No.	Pipe Size Inches	Each	Without Hull Connection Deduct, Ea.	Without Hose Connection Deduct, Ea.	With Fig. 86 Strainer Add, Ea.	Complete Weight Pounds
0	1/2	\$11.75	\$2.60	\$1.45	\$1.25	7/8
1	3/4	14.25	3.60	1.75	1.55	1-1/2
2	1	20.00	5.20	2.30	1.55	2-1/2
3	1-1/4	29.00	7.90	2.85	2.20	4
4	1-1/2	38.50	9.70	4.00	3.75	5-1/4

NOTE: The 1/2" size has connection for 5/8" hose. Other sizes use same size hose as pipe size.

For Diameter Strainer, See Figs. 834-835.

1/2 Inch Size requires a 2-1/2 inch Strainer.

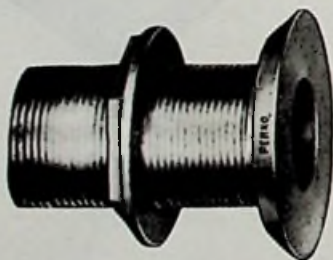


Fig. 331  
Without Strainer

### FLUSH TYPE "NO BULGE" THRU HULL CONNECTIONS—Figs. 331 & 361

Cast Bronze

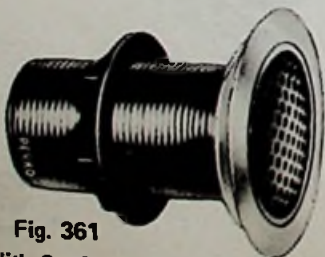


Fig. 361  
With Strainer

An improved thru hull fitting for all types of boats, but especially appreciated by builders and owners of fibre glass and planked sail boats. Nothing extending beyond hull to cause friction or slow boat down. The ends of these fittings have tapered threads for easy attachment of valves or other pipe fittings.

No.	Pipe Size Inches	Fig. 331 Each	Fig. 361 Each	Length Overall Inches	Inside Diameter Inches	Diameter Flange Inches	Weight Pounds
1	1/2	\$5.70	\$6.70	2-7/16	1/2	2-1/2	3/4
2	3/4	6.15	7.15	2-3/4	3/4	2-1/2	7/8
3	1	8.00	8.65	3	1	3	1-1/4
4	1-1/4	9.70	10.15	3-3/8	1-1/4	3	1-3/4



### THRU-HULL CONNECTIONS—Fig. 322

Cast Bronze — Machined Flange — Threaded to 1/8 Inch From Flange

No.	Pipe Size Inches	Each	Length Neck Inches	Diameter Flange Inches	Weight Pounds
1	3/8	\$ 2.30	2-3/8	1-1/2	1/4
2	1/2	2.60	2-3/8	1-5/8	3/8
3	3/4	3.60	2-1/2	2	1/2
4	1	5.20	2-7/8	2-1/4	3/4
5	1-1/4	7.90	3-1/2	2-7/8	1-1/2
6	1-1/2	9.70	3-3/4	3	1-5/8
7	2	14.30	4	3-1/2	1-3/4
8	2-1/2	20.50	4	4-1/2	2-3/4



Fig. 322

### THRU-HULL CONNECTIONS FOR HOSE—Fig. 311

Cast Bronze

Plain Each	Polished Chromium Plated Each	For Size Hose Inches	Inside Diameter Inches	Length Overall Inches	Diam. Flange Inches	Weight Ounces
\$2.10	\$3.30	3/4 and 1	9/16	3-1/8	2-1/8	7



Fig. 311

### THRU-HULL CONNECTIONS FOR HOSE—Fig. 350

Cast Bronze — Machined Flange

No.	For Hose Inches	Plain Each	Polished Chromium Plated Each	Diam. Flange Inches	Maximum Wood Thickness Inches	Weight Pounds
1	5/8	\$3.20	\$ 4.30	1-5/8	1-1/4	3/8
2	3/4	3.70	4.85	2	1-5/8	1/2
3	1	5.50	6.75	2-3/8	1-7/8	7/8
4	1-1/4	8.60	10.00	3	2	1-3/8
5	1-1/2	9.25	11.00	3-1/8	2	1-1/2

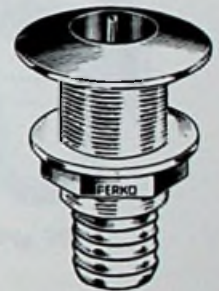


Fig. 350

### BRONZE TAIL PIECES—Figs. 67 & 78

For lead pipe or hose connections, furnished complete with rubber washer.

No.	Pipe Size Inches	O.D. Tail Piece Inches	Fig. 67 Each	Fig. 78 Each
1	1/4	3/8	\$1.50	
2	3/8	1/2	1.55	
3	1/2	5/8	1.65	
4	3/4	3/4	2.00	\$2.00
5	1	1	3.00	3.00
6	1-1/4	1-1/4	3.50	3.50
7	1-1/2	1-1/2	5.00	5.00
8	2	2	6.00	6.00



Fig. 67 Straight

Fig. 78, 90 Degree

### FLANGED NUTS—Fig. 75

Cast Bronze — For Hull Connections

No.	Pipe Size Inches	Each	Weight Ounces
1	3/8	\$ .50	1
2	1/2	.55	1-1/4
3	3/4	.80	2
4	1	1.15	2-1/2
5	1-1/4	2.00	6
6	1-1/2	2.40	6
7	2	3.60	10
8	2-1/2	4.00	15



Fig. 75



Fig. 332

### WATER OUTLETS—Fig. 332

#### Cast Bronze

No.	Plain Bronze Each	Chromium Plated Each
1	\$6.85	\$ 9.00
2	8.70	10.90

No.	Pipe Size Inches	Diam. Flange Inches	Length of Neck Inches	Weight Ounces
1	3/4	2-5/8	2-1/4	12
2	1	2-7/8	3-1/4	16



Fig. 65

### SPEEDBOAT STRAINERS—Fig. 65

#### Cast Bronze — Plain

No.	Size Pipe Inches	Each	Length Neck Inches	Dimensions Strainer Inches	Weight Pounds
1	1/2	\$ 5.05	2-5/8	3 x 4	5/8
2	3/4	6.60	2-9/16	3 x 4	7/8
3	1	8.70	3	3 x 4	1-1/8
4	1-1/4	12.65	3-1/2	3-1/4 x 4-1/4	1-3/4



### CAST BRONZE PIPE TO HOSE ADAPTER—Fig. 76

No.	Pipe Size Inches	Each	Hose Size Inches	Length Overall Inches	Weight Ounces
1	1/2	\$1.45	5/8	1-5/8	1-1/2
2	3/4	1.75	3/4	1-3/4	2-1/8
3	1	2.30	1	1-3/4	3-1/2
4	1-1/4	3.00	1-1/4	2	5-1/8
5	1-1/2	4.00	1-1/2	2-1/4	8-1/8
6	2	6.25	2	2-5/8	16



Fig. 66

### SCOOP STRAINERS—Fig. 66

#### Cast Bronze

No.	Each	Outside Dimension Inches	For Thru-Hull Size Inches	Weight Pounds
1	\$1.40	3-1/2x2-1/2	1/2	1/4
2	3.60	5 x3-1/4	1	3/4
3	5.00	6-1/4x4-1/4	1-1/4	1
4	8.70	8 x5-1/8	2	2

Standard Package, 5 Pieces



### ROUND STRAINERS—Fig. 86

#### Cast Bronze

No.	Outside Diam. Inches	Each	Inside Diam. Inches	Weight Pounds
1	2-1/2	\$1.05	1-5/8	1/5
2	3	1.25	2	1/4
3	3-1/2	1.55	2-3/8	1/3
4	4	2.20	3	1/3
5	5	3.75	3-3/4	3/4
6	6	3.95	4-1/2	1

Standard Package, 5 Pieces



Fig. 86





### "NEPTUNE" MARKED LEAD LINES—Fig. 190

With Vinylite Plastic Markers — 5/16 Inch Diameter — Italian Hemp Line

Instead of the old cryptic markings, this line makes use of colored plastic markers printed with numerals in contrasting colors. These markers are soft and resilient, unaffected by salt, grease, oil and sunlight. The Neptune Line was widely used during the war by the Navy, Army and U. S. Maritime Commission. It is also used by skin divers with a float to mark the depth of a dive.

Length Fathoms	Each	Length Fathoms	Each
7	\$ 9.80	20	\$18.75
10	11.75	25	22.75
15	15.50	30	26.75

NOTE: Markings up to 10 fathoms inclusive marked every fathom and half fathom, the latter indicated by a yellow strip. Longer lines marked according to Navy standard . . . i.e. 2 - 3 - 5 - 7 - 10 - 13 - 15 - 17 - 20 fathoms and every 5 fathoms thereafter.

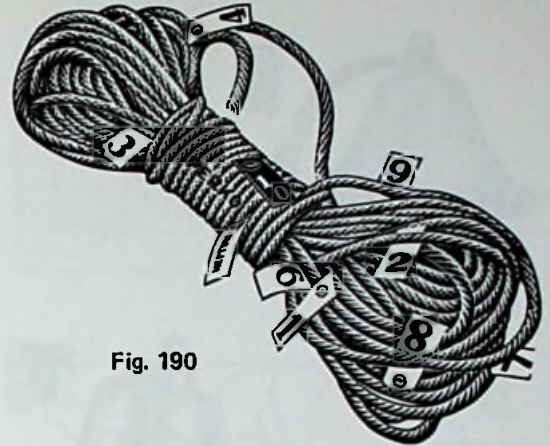


Fig. 190



### SOUNDING LEADS—Fig. 940

All weights from 2 to 10 pounds inclusive carried in stock.  
PER POUND — \$.88



Fig. 940



### SEAGOING ASH TRAY—Fig. 795

All Brass — Chromium Plated

This item features a tapered, slotted wall plate which enables the tray to be easily removed for emptying. Swing mount keeps tray steady as boat rolls. Notches in removable rim grip cigarettes.

Each	Dimensions Mounting Plate Inches	Overall Height Inches	Weight Ounces
\$7.00	1-3/4 x 1-1/4	3	5-3/4



Fig. 795



### CAN AND GLASS HOLDERS—Fig. 804

Swinging Type — All Brass — Chromium Plated

Holds 12 ounce beer cans or straight sided glasses.

Each	Size Mounting Plate Inches	Inside Diam. Ring Inches	Weight Ounces
\$7.00	1-3/4 x 1-1/4	2-3/4	5

Spare Mounting Plates, \$1.75 each.

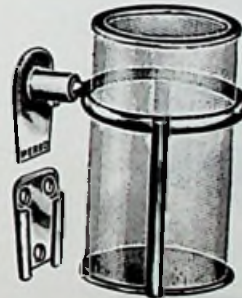


Fig. 804



### WIND PENNANTS—Fig. 435

Adjustable Counterbalance — Aluminum Pennant — Brass Standard — Red Anodized Finish

Pennant swings and has an adjustable counterbalance should the weight of the pennant change from the application of paint or attachments of any kind.

Perfect balance makes this pennant instantly responsive to the lightest of winds.

For Mast 1 Inch Diam. at Top, 5/16" Hole

Each	Size of Pennant Inches	Height Overall Inches	Weight Ounces
\$5.00	6-1/2 x 3	6-1/2	2-1/2



Fig. 435

Standard Package, 10 Pieces,



Fig. 159

**BRASS FOG BELLS—Fig. 159**  
 With Removable Arm and Wall Plate  
 Clapper has short arm for Lanyard.

Diameter Inches	Plain Brass Each	Polished Brass Each	Chromium Plated Each	Height Overall Inches	Weight Pounds
6	\$ 9.25	\$11.00	\$12.75	4	1
8	15.50	18.25	19.50	5	2-1/4
Wall Plate Only	1.30	1.50	1.90		
Arm Only	2.00	2.65	3.15		
Clapper Only	1.80		2.55		
Eye Bolt Only	1.80		2.20		



Fig. 420

**CAST BRONZE FOG BELLS—Fig. 420**  
 Medium Weight — With Removable Bracket

Diameter Inches	Polished Bronze Each	Chromium Plated Each	Height Overall Inches	Weight Pounds
6	\$26.50	\$30.00	5	3-1/4
8	49.00	53.00	6-1/8	6-1/2
Wall Plate Only				
6	\$4.00	\$4.60	2-1/2	1/3
8	4.00	4.60	2-1/2	1/3



Fig. 150

**CAST BRONZE FOG BELLS—Fig. 150**  
 Heavy Weight — With Removable Bracket

Diameter Inches	Polished Bronze Each	Chromium Plated Each	Height Overall Inches	Weight Pounds
8	\$ 54.00	\$ 58.00	8	9
10	99.00	105.00	10-1/2	16-1/2
12	160.00	167.00	12	31
Wall Plate Only				
8	\$4.00	\$4.60	2-1/2	1/3
10	7.00	8.00	3-7/8	1
12	7.00	8.00	3-7/8	1



Fig. 162

**FOG HORNS—Fig. 162**  
 Galvanized Steel or Brass — Nylon Mouthpiece

Length Overall Inches	Galvanized Steel Each	Polished Brass Each	Weight Per Dozen Pounds
12-1/2	\$3.30	\$5.50	5

Standard Package, 1 Dozen



Fig. 167

**TRIPLEX MOTOR BOAT WHISTLE—Fig. 167**

Per Dozen	Length Overall Inches	Width Overall Inches	Weight Per Dozen Pounds
\$5.76	6	1-3/4	1

Standard Package, 1 Dozen

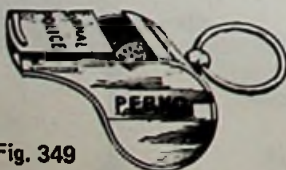


Fig. 349

**POLICE OR SIGNAL WHISTLE—Fig. 349**

Per Dozen	Length Inches	Width Inches	Weight Per Dozen Ounces
\$24.00	2	3/4	17

Standard Package, 1 Dozen



### COURSE PROTRACTOR – Fig. 706

Indicates Course and Reverse Course – Transparent

Arm has various mileage scales used on all coastal and harbor charts. Arm extended on short end to show reverse course. A precision instrument, accurate in detail. Positions, depths, etc., are clearly visible through protractor.

Each	Extreme Length Inches	Diam. Compass Card Inches
\$4.00	21-1/2	6-3/8

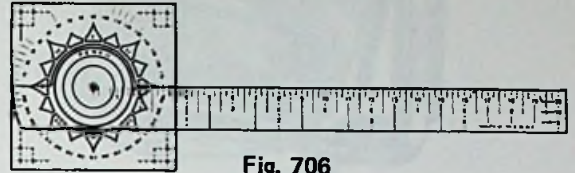


Fig. 706



### LUCITE PARALLEL RULES—Fig. 630

Transparent – Aluminum Bars – Heavy Type

Chart data shows clearly through transparent lucite. Heavy type with finger grips, and corprene non-sliding discs.

Length Closed Inches	Each	Width Closed Inches	Thickness Inches	Weight Ounces
12	\$5.25	2-1/2	3/16	6-1/2
15	5.50	2-1/2	3/16	7-1/2
18	7.00	2-1/2	3/16	8-1/2

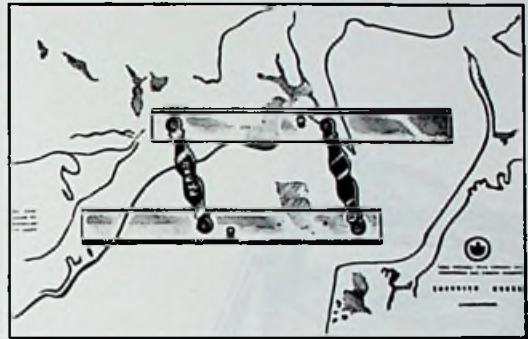


Fig. 630



### PARALLEL RULES—Fig. 686

Ebony Finish – Aluminum Bars – Finger Grips and Corprene Non-Sliding Discs

Length Closed Inches	Each	Width Closed Inches	Weight Ounces
12	\$4.75	2-1/2	6
15	5.00	2-1/2	6-1/2
18	6.80	2-1/2	7



Fig. 686



### DIVIDERS—Fig. 693

Brass – Chromium Plated – Navy Type

No.	Each
1 Length, 5-1/2 inches . . . . .	\$1.85
2 Length, 7 inches . . . . .	6.00

No. 2 size has straightening device and reversible points. Standard Package, 10 pieces.



Fig. 693



### YACHT LOG BOOK—Fig. 708

112 Pages – Water Resistant Binding

Binding is hard Pyroxlin coated linen vellum. Water resistant and washable. Navy blue with gold lettering. In addition to pages for log data, these books contain useful information such as extracts from Bowditch Practical Navigator on symbols for weather, state of sea, cloud formations, force of wind, guest log and marine telephone log.

Weight, 20 Ounces

Each \$5.00



Fig. 708



Fig. 796

**MARINE WINDOWS—Fig. 796**

With Spigot — Plain Bronze or Aluminum — Watertight  
Two Fastenings

Clear Glass

FURNISHED COMPLETE WITH REMOVABLE SCREEN AND OUTSIDE FINISHING FRAME.

Designed to supply the maximum amount of air and light possible while keeping bulk and weight to a minimum.

Length spigot is 2 inches. Glass thickness is 1/4 inch.

No.	Size of Opening Inches	Plain Bronze Each	Plain Aluminum Each
1	5x12	\$53.00	\$38.50
2	7x16	72.50	47.50

	Dimensions Outside of Frame Inches	Dimensions Outside of Spigot Inches	Bronze Weight Pounds	Aluminum Weight Pounds
1	7-7/8x14-7/8	5-3/8x12-7/16	15	6-1/2
2	10x19-1/8	7-3/8x16-1/2	22	8-3/4

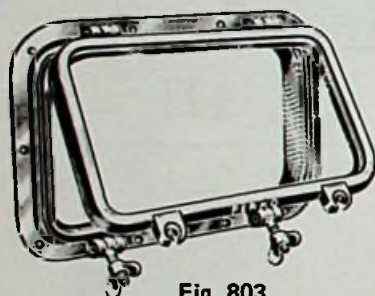


Fig. 803

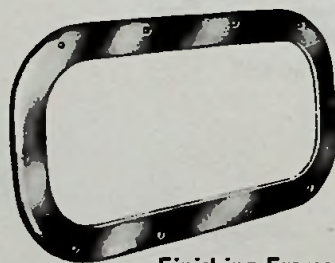
**MARINE WINDOWS—Fig. 803**

Without Spigot — Plain Bronze or Aluminum — Watertight — Two Fastenings

Clear Glass

Furnished complete with removable screen. Without finishing frame.

No.	Size of Opening Inches	Plain Bronze Each	Plain Aluminum Each	Bronze Weight Pounds	Aluminum Weight Pounds
3	5x12	\$42.00	\$31.00	11-1/2	5
4	7x16	56.00	38.50	16	7



Finishing Frame

**No. SPECIAL FINISHING FRAMES FOR FIG. 803**

3	5x12	\$ 7.25	\$5.50	2-1/2	1
4	7x16	11.80	6.60	3-1/2	1-1/2

NOTE — These special Finishing Frames have mounting holes drilled to line up with those in window frame.

For other dimensions, see Fig. 796 above.

NOTE — Spare Screens for Figs. 796 and 803, size 5x12 inches — \$6.50 each. Size 7x16 inches — \$7.60 each.



Fig. 442

**ROUND PORTLIGHT SCREENS—Fig. 442**

Bronze — Spring Type

For Figs. 157 & 317 Portlights

For Size Opening Inches	Each	For Size Opening Inches	Each
4	\$3.55	6	\$4.50
5	4.00	8	6.00



Fig. 441



**PORTLIGHT CHAINS—Fig. 441**

Bronze

Polished Each	Chromium Plated Each	Length Inches	Size Plate Inches	Weight Ounces
\$2.65	\$3.70	8	1-1/4x1	3



## ROUND PORTLIGHTS—Fig. 317

Cast Bronze — Glass Area Is Same Diameter As Opening

Diam. Opening Inches	Plain Bronze Each	Diam. Clear Glass Inches	Outside Diam. Frame Inches	Thickness Glass Inches	Weight Pounds
4	\$17.00	4	7	1/4	3-3/4
5	20.00	5	8	1/4	5
6	23.00	6	9	1/4	6-1/2
*8	34.00	8	11-5/8	1/4	10-1/4

\*8" size has two dog bolts.



Fig. 317

## MORE-AIR PORTLIGHTS—Fig. 157

Inside Pattern — For Wood Hulls — Cast Bronze — Plain Complete With Outside Finishing Ring — Glass Area Is Same Diameter As Opening — All Sizes Are Grooved for Screens

Opening Inches	For Thickness of Wood		Thickness Glass Inches	Weight 1-1/2 Inch Spigot In Pounds
	1-1/2 Inch Plain Bronze Each	3 Inch Plain Bronze Each		
4	\$21.00	\$27.00	1/4	4-3/4
5	26.00	33.00	1/4	7-1/4
6	33.00	40.50	1/4	8-1/2
8	46.00	55.00	1/4	12-3/4

Opening Inches	Outside Diameter Frame Inches	Thickness Glass Inches	Weight 1-1/2 Inch Spigot In Pounds
4	7	1/4	4-3/4
5	8	1/4	7-1/4
6	9	1/4	8-1/2
*8	11-5/8	1/4	12-3/4

For 1 inch wood, use 1-1/2 inch price.  
 For 2 or 2-1/2 inch wood use 3 inch price, etc.  
 \*8 inch size has two Dog Bolts.

WITHOUT OUTSIDE FINISHING RING, DEDUCT FROM ABOVE PRICES THE FOLLOWING:

	4 Inch	5 Inch	6 Inch	8 Inch
Plain	\$1.75	\$2.00	\$2.50	\$5.00

NOTE — SCREENS FOR ALL PORTLIGHTS ABOVE SEE FIG. 442.



Fig. 157



Showing Screen in Place

## DECK LIGHTS—Fig. 838

Cast Bronze — For Wood Decks

Diameter Clear Glass Inches	Plain Bronze Each	Thickness Glass Inches	Outside Diam. Frame Inches	Weight Pounds
4	\$10.55	1/4	6	1-3/4
5	12.30	1/4	7-1/2	2
6	13.80	1/4	8-1/4	2-3/4
*8	27.00	1/4	11	5-1/4

\*8 inch size has Safety Glass.



Fig. 838

## RUBBER FOR PORTLIGHTS AND WINDOWS—Fig. 461

Size	Per Length
1/4 inch	.....\$2.35



Fig. 461

Supplied only in 10 foot lengths.

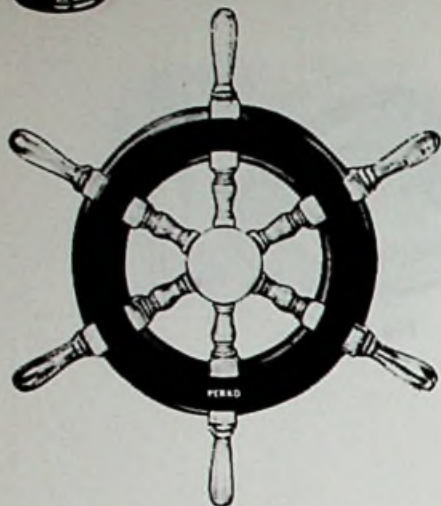


Fig. 657

## MAHOGANY STEERING WHEELS—Fig. 657

With Bronze or Zamak Hub – Chromium Plated

These new 6 spoke wheels are beautifully finished with four coats of marine spar varnish, hand rubbed. The mounting nut is hidden behind a chromium plated cap.

These wheels are very strong and well engineered. The spokes are held firmly within the hub by integral spacers and partitions. Packed in individual cartons.

Nominal Size Inches	Actual Diameter Overall Inches	With Zamak Hub Each	With Bronze Hub Each	For Shaft Inches	Weight Pounds
18	17-1/4	\$44.00	\$50.00	3/4 or 1	2-3/4
20	19-1/4	46.00	52.00	3/4 or 1	3-1/4
22	22-1/4		58.00	1	5
24	24-3/8		71.00	1	7
28	28		88.50	1	10
30	30		99.00	1	12

3/4 inch bore on 18 and 20 inch wheels is tapered. 1 inch bore is straight.

Length bore, 18", 20", 22" sizes, is 1-1/4"  
Length bore, 24", 28", 30" sizes, is 1-5/8"

PLEASE SPECIFY TYPE AND BORE OF HUB.



Fig. 976

## STEERING WHEELS—Fig. 976

Cast Bronze – Wood Grips – 1/4 Inch Keyway

No.	Diam. Overall Inches	Polished Bronze Each	Chromium Plated Each	For Shaft Inches	Length Hub Inches	Weight Pounds
4	16	\$44.00	\$46.50	1	2-1/8	4-1/4
5	20	60.00	62.50	1	2-1/8	7-3/4
6	24	81.00	85.00	1	2-1/8	11



Fig. 914

## STEERING WHEELS—Fig. 914

Brass – Wood Grips – Round Spokes – 1/4 Inch Keyway

No.	Diam. Overall Inches	Polished Brass Each	Chromium Plated Each	For Shaft Inches	Length Hub Inches	Weight Pounds
4	16	\$35.75	\$39.00	3/4 or 1	2-1/8	4-3/4
5	20	44.50	48.50	3/4 or 1	2-1/8	6-1/4
6	24	53.50	57.75	1	2-1/8	7



Fig. 661

## DRUM STEERERS—Fig. 661

Cast Aluminum – For Tiller Rope – With Die Cast Zamak Drum

Diameter Overall Inches	Each	Size Base Inches	Diameter Drum Inches	Length Drum Inches	Weight Pounds
12	\$13.25	4 x 4	2-3/8	2-1/4	3-1/4
16	17.25	4 x 4	2-3/8	2-1/4	4-1/2



## HYSPEED RUDDERS— Fig. 818

Cast Manganese Bronze

Constructed in perfectly balanced proportion. Designed for express cruisers, runabouts, speedboats and all boats not carrying a skag

No.	Each	Dimension Inches			D	Weight Pounds
		A	B	C		
1	\$54.00	9	12	1	16	13
2	68.00	10-1/2	14	1-1/8	18	17
3	89.50	12	16	1-1/4	18	23



## RUDDER STUFFING BOXES—Fig. 1088

Cast Bronze — Plain — With Square Flange — Four Bolt Holes

No.	For Diam. Post Inches	Each	Size Flange Inches	Length Bearing Inches	Drilled For Fastening Inches	Weight Pounds
2	1-1/8	21.75	3-3/4x3-3/4	5-5/8	3/8	3-1/2
3	1-1/4	25.75	3-3/4x3-3/4	6-1/4	3/8	4



## RUDDER STUFFING BOXES—Fig. 1089

Cast Bronze - Plain — With Oval Flange — Two Bolt Holes

No.	Size Inches	Each	Size Flange Inches	Length Bearing Inches	Drilled for Fastening Inches	Weight Pounds
2	7/8	15.85	4-1/4x2-1/4	5-3/8	3/8	3-1/4
3	1	16.00	4-1/4x2-1/4	5-3/8	3/8	3-1/4
4	1-1/8	18.00	5 x2-5/8	5-1/4	1/2	3-3/4
5	1-1/4	24.00	5-3/4x3	6-3/8	1/2	5-1/2
6	1-3/8	28.50	6-1/4x3-1/4	6-3/4	1/2	6-1/2
7	1-1/2	31.50	6-1/2x3-1/2	6-3/4	1/2	6-3/4



## BRONZE COLLARS—Fig. 815

No.	For Diam. Stock Inches	Each	Outside Diameter Inches	Thickness Inches	Weight Ounces
2	7/8	3.60	1-1/4	7/8	4
3	1	3.95	1-3/4	15/16	7
4	1-1/8	4.30	1-3/4	15/16	6-1/2
5	1-1/4	6.25	2-1/8	15/16	11
6	1-3/8	6.60	2-1/2	1-1/8	19
7	1-1/2	7.50	2-1/2	1-1/8	19



## BRONZE UNIVERSAL JOINTS—Fig. 93

Cast Bronze

No.	Bored Each	Tapped Each	Bored for Rod Inches	Tapped for Pipe Inches	Extreme Length Inches	Weight Pounds
2	15.75	15.50	1	3/4	6	2-1/4

Specify if for rod or pipe.

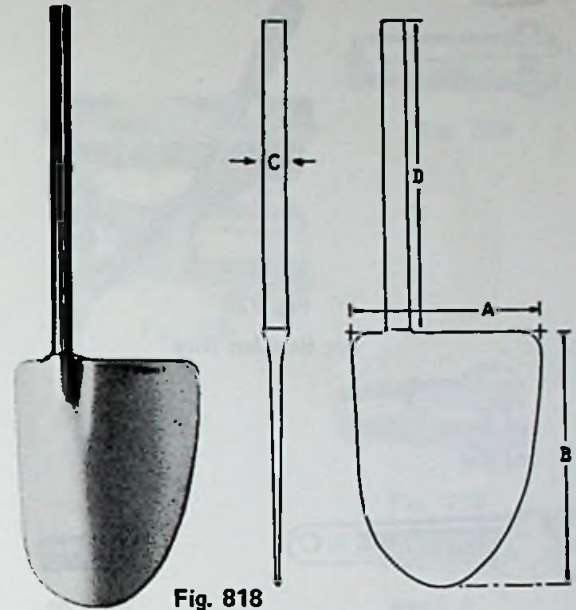


Fig. 818



Fig. 1088

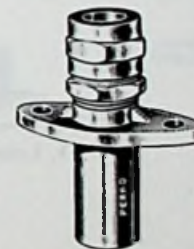


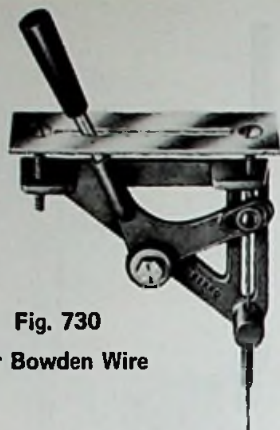
Fig. 1089



Fig. 815



Fig. 93



**Fig. 730**  
For Bowden Wire

### THROTTLE CONTROL—Fig. 730

Key feature of this control is ultra smooth operation. This is the result of balanced design and precision manufacture of all working parts. The attractive face plate and throttle handle is made of lustrous chromium plated brass. Throttle grip is polished black Bakelite. The unexposed parts are heavy bronze castings for lasting, dependable service. Tension is easily adjusted with a tightening nut. Control may be mounted either vertically or horizontally.

Each	Length Face Plate Inches	Width Face Plate Inches	Length Throw Inches	Weight Pounds
\$16.00	5-3/4	1-1/2	2-1/8	1-3/8



### STEERER AND CONTROL PARTS—Fig. 865- Cast Bronze – Plain



1. Lever



2. Clevis



3. Lever



5. Angle Clevis

No.	Item	Each	Length Overall Inches	Length C to C Inches	Weight Pounds
1	Lever	\$11.80	8	6	1-3/4
1-A	Lever	14.00	10	6-7-8*	2-1/8
1-B	Lever	14.00	10	6-7-8*	2-1/4
1-C	Lever	14.00	10	6-7-8*	2-1/4
2	Clevis	4.30	2-1/2		1/2
2-A	Clevis	4.30	2-1/2		1/2
2-B	Clevis	6.25	4-1/16		3/4
2-C	Clevis	6.25	4-1/16		3/4
3	Lever	9.25	4-1/2	2-3/4	1
5	Clevis	5.90	3		3/4
5-A	Clevis	5.90	3		3/4
8	Bearing	5.00			3/4
11	Bearing	5.75			1
15	Lever	13.00	9	5-6-7	1-1/2



8. Lower Bearing



11. Lower Bearing

No.	For Diam. Shaft Inches	For Diam. Pin Inches	Diam. Bolt Inches	Tapped For Rod Inches	Tapped For Pipe Inches	Inside Jaw Inches	Diam. Flange Inches
1	1	1/2					
1-A	1	1/2				1/2	
1-B	1-1/8	1/2				1/2	
1-C	1-1/4	1/2				1/2	
2			1/2	3/4		1/2	
2-A			1/2		1/2	1/2	
2-B			1/2		3/4	9/16	
2-C			1/2	1		9/16	
3	1	1/2	3/8				
5			1/2		3/4	1/2	
5-A			1/2	1		1/2	
8	1						3-1/2
11	1						3-3/4
15	1	1/2	3/8				

Depth of Bearing — No. 8, 5/8 Inches — No. 11, 1-3/4 Inches.  
\*Nos. 1-A, 1-B, 1-C Are Of Heavy Construction Like No. 1, And With Three Pin Holes Like No. 15.



### BRASS BALL JOINTS—Figs. 792 & 793

Fig. 793 is adjustable for wear. Spring tension around ball with screw for adjusting.



Fig. 792

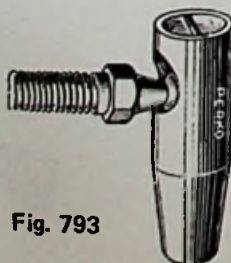


Fig. 793

No.	Fig. 792 Each	Fig. 793 Each	Thread Inches	Length Thread Inches	O.D. Female End Inches	Weight Ounces
1	\$ .90	\$ 1.00	1/4 -20	1/2	5/16	1/2
2		1.30	5/16-18	1/2	7/16	1
3	.86	1.00	1/4 -28	1/2	5/16	1/2





## CONTROL ROD SOCKETS—Figs. 328, 295 & 298

Plain Brass

### Standard Fig. 328

No.	Each	Tapped For Rod Inches	Outside Diam. Inches	Length Overall Inches	Between Jaws Inches	Length Jaws Inches
1	\$ .84	1/4 -20	3/8	1-5/8	3/16	5/8
2	.96	5/16-18	7/16	1-5/8	3/16	9/16
3	1.15	3/8 -16	1/2	1-5/8	1/4	3/4

### Heavy Duty Fig. 295

4	\$1.30	1/4 -20	1/2	1-5/8	1/4	3/4
4-A	1.30	1/4 -28	1/2	1-3/4	1/4	3/4
5	1.30	5/16-18	1/2	1-3/4	1/4	3/4
6	1.35	3/8 -16	1/2	1-7/8	1/4	1-1/16
6-A	1.35	10-32	1/2	1-3/4	1/4	3/4

### Heavy Duty Fig. 298

7	\$1.15	1/4 -20	7/16	1-3/8	1/4	7/16
8	1.20	5/16-18	7/16	1-7/16	1/4	7/16
9	1.15	1/4 -28	7/16	1-3/8	1/4	7/16

Length jaws measured to center of pin.  
Standard Package, 10 Pieces per size.

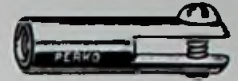


Fig. 328

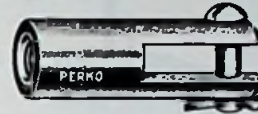


Fig. 295



Fig. 298



## CONTROL WIRE SOCKETS—Fig. 679

Plain Brass

Complete with brass set screws.

No.	Each	Length Inches	Diameter Inches	Between Jaws Inches	Length Jaws Inches	Weight Ounces
1	\$ .92	1	3/8	1/8	1/2	1/2
2	1.25	1-7/8	1/2	1/4	1-1/16	3/4

Length jaws measured to center of screw.  
Standard Package, 10 Pieces per size

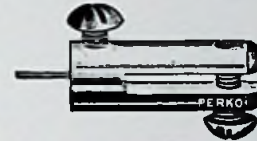


Fig. 679



## CONTROL WIRE HANDLES—Fig. 692

For Casing With Left Hand Lay — All Brass — Chromium Plated — With Phosphor Bronze Spring

Control wire and casing can be easily attached. No soldering necessary, wire held by set screw in knob. Casing threaded into tube. For use on a dash or bulkhead up to 2 inches thick.

Each	Length Overall Closed Inches	Outside Diam. Stem Inches	Weight Ounces
\$5.00	4-7/8	3/8	2

Standard Package, 10 Pieces.



Fig. 692



## BOWDEN WIRE AND CASING—Fig. 353

Brass — 1/4 Inch O.D. Casing — Left Hand Lay — Wire Diameter .072 Inches

### 50 FOOT LENGTHS ONLY

No. 1	Casing only per length	\$31.00
No. 2	Wire only, per length	3.60

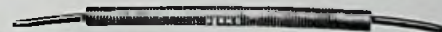


Fig. 353



## BOWDEN CASING CLAMP—Fig. 352

Brass — Swivel Type — Plain

Will hold control casing firmly while swivel feature allows smooth sliding of control wire in casing at any angle.

Each	Size Base Inches	Weight Ounces
\$1.45	2-1/4x1	3



Fig. 352

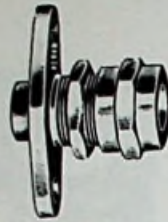


Fig. 320

**STUFFING BOXES—Fig. 320**  
Cast Bronze — Regular

No.	Shaft Size Inches	Each	Size Flange Inches	For Diam. Bolt Inches	Length Bearing Inches	Weight Pounds
1	5/8	\$ 8.25	3-7/8x1-3/4	5/16	2-1/8	1-1/8
2	3/4	8.60	4 x1-3/4	3/8	2-1/8	1-1/8
3	7/8	9.60	4-1/8x1-7/8	7/16	2-5/8	1-1/2
4	1	10.90	4-1/4x2-1/8	7/16	2-5/8	1-3/4
5	1-1/8	13.85	4-7/8x2-1/8	1/2	2-7/8	2-1/4
6	1-1/4	16.85	5-3/4x2-3/8	1/2	2-7/8	3
7	1-3/8	21.50	6-1/4x3	1/2	3	3-1/4
8	1-1/2	24.75	6-1/2x3	1/2	3	3-1/2
9	1-3/4	39.00	7 x3-3/4	5/8	4	5-3/4



**EXTRA HEAVY STUFFING BOXES—Fig. 819**  
Rectangular Flange — Cast Bronze

No.	Shaft Size Inches	Each	Size Flange Inches	For Diam. Bolt Inches	Length Bearing Inches	Weight Pounds
1	1	\$25.50	5 x3	3/8	4	5-1/2
2	1-1/8	27.50	5-1/2x3-3/8	1/2	4-1/4	6-1/2
3	1-1/4	30.80	5-5/8x3-5/8	1/2	4-1/4	6-1/2
4	1-3/8	41.80	6 x4	1/2	5	9
5	1-1/2	48.50	6 x4-3/8	1/2	5-1/2	10
6	1-3/4	61.50	6-1/2x4-1/2	5/8	7	13-1/2
7	2	65.50	7-3/4x5	5/8	7-3/8	15-1/2



**SELF-ALIGNING STUFFING BOXES—Fig. 734**  
Cast Bronze — Rectangular Flange

No.	For Shaft Inches	Each	Size Flange Inches	Length from Flange to End of Box Inches	Weight Pounds
1	3/4	\$18.50	5x3-1/4	6-1/2	5
2	7/8	20.00	5x3-1/4	6-1/2	5
3	1	21.00	5x3-1/4	6-3/4	5
4	1-1/8	25.50	6x4-1/4	7-3/4	9
5	1-1/4	27.50	6x4-1/4	7-3/4	9-1/2
6	1-3/8	41.00	7x4-1/2	8	12-1/2
7	1-1/2	41.00	7x4-1/2	8-1/4	13

Note: Length Bearing does not include packing nut or space for packing.



**PACKING NUT AND LOCK NUTS—Figs. 73 & 79**  
For Stuffing Boxes — Cast Bronze

No.	Shaft Size Inches	Fig. 73 Each	Fig. 79 Each	For Use With Figures
1	5/8	\$ 2.00	\$1.05	320 - 672 No. O-L
2	3/4	2.00	1.05	320 & 672 No. 1-L
3	3/4	2.60	1.05	672 No. 1-H & 1089
4	7/8	2.60	1.05	320 & 1089
5	7/8	2.60	1.05	672 No. 2-H
6	1	2.75	1.25	320, 672 No. 3-H, 819, 1088, 1089
7	1-1/8	3.85	1.60	320, 672 No. 4, 819, 1088, 1089
8	1-1/4	3.85	1.70	672 No. 5
9	1-1/4	5.00	2.10	320, 819, 1088, 1089
10	1-3/8	5.30	2.20	320, 672, No. 6, 819, 1089
11	1-1/2	5.30	2.20	672 No. 7
12	1-1/2	6.25	2.55	320, 819, 1089
13	1-3/4	11.25	4.40	320, 819
14	2	12.00	5.25	819



**BRASS GREASE CUPS—Fig. 961**

No.	Each	Height Closed Inches	Outside Diam. Inches	Pipe Thread Inches	Capacity Ounces
1	\$ .85	1-7/16	7/8	1/8	1/4
2	1.10	1-3/4	1-3/16	1/8	1/2
3	1.95	2	1-7/16	1/8	2/3

Standard Package, 10 Pieces.

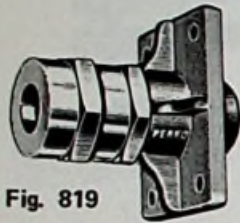


Fig. 819



Fig. 734



Fig. 73



Fig. 79



Fig. 961



## SELF ALIGNING SHAFT LOGS—Fig. 671

Cast Bronze

### LIGHTWEIGHT TYPE

No.	Each	Size Shaft Inches	Size Base Inches	Length Overall Inches	Degrees of Angle	Wt. Lbs.
0-L	\$15.60	5/8	8-5/8x2-1/2	15	12	3-1/2
1-L	15.60	3/4	9-3/8x2-3/4	15	12	3-1/2
3-L	18.20	1	9-3/8x2-3/4	15	12	3-3/4

### HEAVYWEIGHT TYPE

No.	Each	Size Shaft Inches	Size Base Inches	Length Overall Inches	Degrees of Angle	Weight Pounds
1-H	\$22.40	3/4	11-3/8x3-1/2	18	12	5-1/4
2-H	22.40	7/8	11-3/8x3-1/2	18	12	5-1/4
3-H	22.40	1	11-3/8x3-1/2	18	12	5-1/4
4	45.00	1-1/8	16-1/2x4-1/4	23-1/2	10	10-1/4
5	45.00	1-1/4	16-1/2x4-1/4	23-1/2	10	10-1/4
6	58.00	1-3/8	19x5	28	10	17-3/4
7	58.00	1-1/2	19x5	28	10	17-3/4

NOTE — Sizes Nos. 0-1-2-3 in both the lightweight and heavyweight types are drilled for screws. Balance of sizes are spotted but not drilled.



Fig. 671

## SELF ALIGNING SHAFT LOGS—Fig. 589

Cast Bronze — Allows Installation of Engine Well Aft

Base is drilled for bolts or screws.

No.	Each	For Size Shaft Inches	Size Base Inches	Length Overall Inches	Degrees of Angle	Wt. Lbs.
3	\$22.00	1	11x5	12-1/4	13	6
4	36.00	1-1/8	13x5-1/2	14-1/2	14	10
5	37.00	1-1/4	13x5-1/2	14-1/2	14	10

Stuffing Box only for above, see Fig. 672 heavy pattern such as No. 1-H, 2-H, etc.



Fig. 589



Fig. 672

## STUFFING BOX, EXTRA HOSE AND CLAMPS — Figs. 672, 673 and 1092 For Self Aligning Shaft Log

For Log No.	Size Shaft Inches	Stuffing Box Each	Hose Each	Hose Clamps Per Pair	I.D. Hose Inches	Length Hose inches
0-L	5/8	\$ 6.60	\$1.00	\$1.05	1-1/4	3-1/4
1-L	3/4	6.60	1.00	1.05	1-1/4	3-1/4
3-L	1	7.70	1.15	1.10	1-1/2	3-1/2
1-H	3/4	9.00	1.30	1.10	1-3/4	4
2-H	7/8	9.00	1.30	1.10	1-3/4	4
3-H	1	9.00	1.30	1.10	1-3/4	4
4	1-1/8	13.25	3.30	1.20	2-3/8	5
5	1-1/4	13.25	3.30	1.20	2-3/8	5
6	1-3/8	21.00	3.30	1.25	2-5/8	5
7	1-1/2	21.00	3.30	1.25	2-5/8	5



Fig. 673



Fig. 1092



### ADJUSTABLE STRUTS—Fig. 1019

For Rubber Bearing — Cast Bronze



Fig. 1019

Size Shaft Inches	Width Flange Inches	Length Flange Inches	Length Bearing Inches	Weight Pounds
1	3	5-1/2	4	6-3/4
1-1/8	3	5-1/2	4-1/2	6-3/4
1-1/4	3-1/2	6-1/2	5	12
1-3/8	3-1/2	6-1/2	5-1/2	12

**PRICES BELOW DO NOT INCLUDE RUBBER BEARING**

Use bearings having the smallest outside diameter listed, except 1 inch size which is bored for 1-1/2 inch O.D. bearing.

Lgth. Drop. In.	Size Shaft Inches			
	1	1-1/8	1-1/4	1-3/8
5	\$28.50			
6	29.75	\$29.75	\$41.00	\$42.00
7	32.00	32.00	43.00	44.00
8	33.00	33.00	46.00	48.00
9		36.00	48.00	52.00
10		37.50	49.50	53.00

Specify size of shaft and length of drop, when ordering.

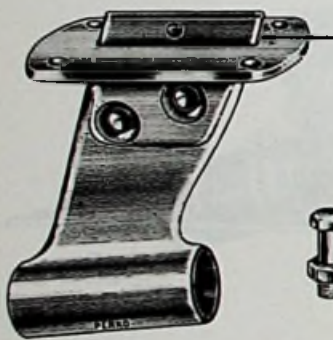


### UNIVERSAL STRUTS—Fig. 1055

Cast Manganese Bronze — For Cutless Rubber Bearings

These struts can be made any length shorter than standard by sliding the shank up through the base to the required length. The necessary angle for the shaft is also obtained in the same way.

Two Everdur Hex Head Bolts are furnished. Extreme drop to center of shaft is 7 inches. Base drilled for 5/16 inch bolts. Dimensions of base 5-3/8 x 3-1/8 inches.



CUT OFF HERE

Fig. 1055

No.	Without Bearing Each	For Diam. Shaft Inches	For Cutless Bearing Code	Length Bearing Inches	Weight Pounds
1	\$33.00	3/4	Kale	3	6
2	33.00	7/8	Katy	3-1/2	6
3	33.00	1	Kava	4	6
4	38.00	1-1/8	Kersey	4-1/2	7-1/2
5	38.00	1-1/4	Kibble	5	7-1/2



### NEW WATER STRAINER—Fig. 504

Cast Bronze Body

Monel Center Post — Stainless Steel Basket

Transparent Lexan Cover

A new shallow design for installation where vertical space is limited or top transparency is preferred. Especially desirable for marine air conditioning installations. Has side mounting bracket and lower side drain plug. This new strainer is easily and quickly serviced.



Fig. 504

Each	Pipe Size Inches	Diameter Body Inches	*Height Inches	Weight Pounds
\$45.00	3/4	7-1/2	3-1/2	7-3/4

\*Does not include nut or bracket.



## IMPROVED FUEL FILTER AND SEPARATOR—Fig. 299

Tested and accepted for labeling and listing by the Yacht Safety Bureau, Inc.

Cast Bronze Housing — With "Kwick Klean" Filter — Elements And Corprene Gaskets — For Gasoline — Diesel Fuel — Lubricating Oil — Air — Water

The filter elements are guaranteed to strain water from gasoline. They have a high flow rate. They can also be replaced in a few minutes by the removal of one nut. This special highly engineered filter element is not ordinary wire mesh but a wound microcarbon ribbon, phenolic resin impregnated. Easily cleaned by reverse flow or back flushing of compressed air.

Size No.	Complete Each	*Spare Elements Each	Length Overall Inches	Diam. Inches	Tapped For Pipe Inches	Weight Pounds
1-A	\$23.50	\$1.00	5-1/2	2-3/8	1/4	3-3/4
1-B	23.50	1.00	5-1/2	2-3/8	3/8	3-3/4
1-1/2-A	34.00	1.10	6-1/4	3-1/8	3/8	5-1/2
1-1/2-B	34.00	1.10	6-1/4	3-1/8	1/2	5-1/2

\*No. 1 Element is 1-3/4" O.D. x 1-3/4" long.  
No. 2 Element is 2-1/4" O.D. x 2" long.

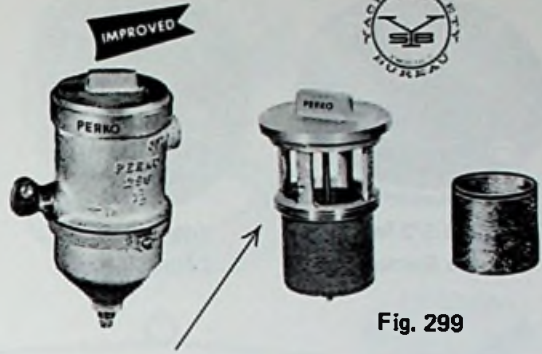


Fig. 299

Improvements—Threaded here instead of at top flange. This prevents escape of foreign matter into filtering chamber. A universal mounting bracket is supplied.

## FUEL FILTER—Fig. 303

Cast Bronze with Mounting Bracket — Brass Bowl — "Kwick Klean" Filter Element

Complete Each	Tapped For Pipe Inches	Length Overall Inches	Width Overall Inches	Weight Pounds
\$15.50	3/8	4	3-1/4	1-1/2



Fig. 303

## INTAKE WATER STRAINER—Fig. 493-A

Cast Bronze — Stainless Steel Strainer — Transparent Lucite Cylinder

No.	Pipe Size Inches	Complete Each	Size Cylinder Inches	Height Inches	Width Overall Inches	Weight Pounds
0	3/8	\$22.50	2-1/2x2-3/4	4-1/4	3-1/4	1-5/8
00	1/2	22.50	2-1/2x2-3/4	4-1/4	3-1/4	1-5/8



Fig. 493-A

## INTAKE WATER STRAINERS—Fig. 493

Cast Bronze — Stainless Steel Strainer — Transparent Lucite Cylinders — Brass Or Monel Inside Tie Rod

Two Bronze Outside Tie Rods

For installation between hull connection and water pump to the engine. Gaskets are corprene, (neoprene and cork) water-proof and resilient.

No.	Complete Each	Spare Lucite Cylinders Each	Spare Cylinder Gaskets Each	Spare Strainers Each	With Monel Tie Rod Add Each
1	\$ 33.50	\$ 5.50	\$.35	\$3.00	\$ 2.00
2	42.00	6.85	.45	4.50	4.00
3	44.00	7.15	.45	5.00	4.40
4	47.00	8.25	.45	5.75	4.50
5	72.00	12.00	.75	6.60	8.00
6	88.00	18.00	.75	9.75	11.00
7	118.00	18.00	.75	9.75	11.00

Spare Nylon Wing Nut Gaskets

Nos. 1 Thru 4. . . . . \$ .35 each.  
Nos. 5, 6, 7. . . . . \$ .50 each.

No.	Pipe Size Inches	Size Cylinder Inches	Height Inches	Width Overall Inches	Weight Pounds
1	1/2	3-1/2x4	5-3/4	4-1/2	3-3/4
2	3/4	4-1/2x5	7-3/8	5-1/4	5
3	1	4-1/2x5-1/2	8-1/8	5-1/2	5-1/2
4	1-1/4	4-1/2x6	8-3/4	5-1/2	5-3/4
5	1-1/2	6 x8	11-1/2	7	10-1/2
6	2	6 x12	16	7-1/4	12-3/4
7	2-1/2	6 x12	16	7-1/2	17

Height does not include top nut or drain plug.

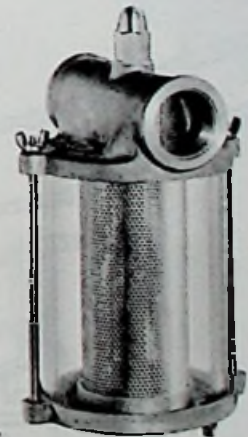


Fig. 493



1-1/4 and 1-1/2 Inch Sizes  
Are Slotted



Other Sizes are  
Not Slotted



Fig. 528



Fig. 526

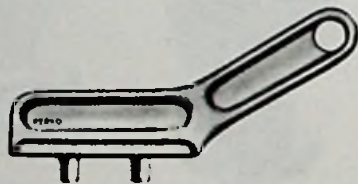


Fig. 1248

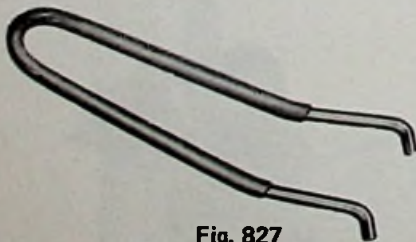


Fig. 827

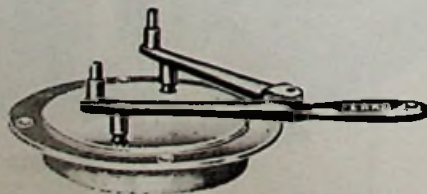


Fig. 826

### PIPE DECK PLATES—Fig. 528

Cast Bronze — With Key — I.P.S. Thread

Flange crowned with bevelled edge, no cutout necessary.

Unmarked or marked "GAS", "FUEL", "WATER" or WASTE in flange, all sizes except 3/4 inch.

Marking must be specified otherwise unmarked will be shipped.

Pipe Size Inches	Machine Finish Complete Each	Polished Chromium Plated Complete Each	Keys Only Each	Outside Diam. Plate Inches	Standard Package	Weight Pounds
* 3/4	\$ 4.25	\$ 6.35	\$.28	2-5/8	5	1/2
*1	5.00	7.00	.28	2-7/8	5	5/8
*1-1/4	6.25	8.50	.28	3-5/16	5	7/8
*1-1/2	7.35	9.50	.28	3-5/8	5	1
*2	11.50	14.25	.40	4-1/4	5	1-1/2
2-1/2	15.50	18.00	.60	4-5/8	1	2
3	21.00	23.65	.70	5-3/8	1	2-1/2

Caps only, price is 50% of complete plate.

\*Supplied with key Fig. 1248.

### REGULAR DECK PLATES—Fig. 526

Cast Bronze — With Key

Diam. Opening Inches	Machine Finish Complete Each	Polished Chromium Plated Complete Each	Keys Only Each	Outside Diam. Plate Inches	Standard Package	Weight Pounds
*1-1/2	\$ 5.45	\$ 7.60	\$.28	3-3/16	5	3/4
*2	6.35	8.80	.40	3-5/8	5	3/4
*2-1/2	8.25	11.00	.40	4-1/2	1	1
3	9.45	14.00	.85	4-7/8	1	1-1/2
4	14.60	18.15	.95	5-3/4	1	2
5	21.00	24.75	1.10	7-1/16	1	2-3/4
6	29.00	37.40	2.05	8-1/4	1	5
8	47.30	52.25	2.95	10-1/4	1	7

Caps only, price is 50% of complete plate.

\*Supplied with key Fig. 1248.

### DECK PLATE KEYS—Fig. 1248

Zamak Die Casting — Natural Finish

These more efficient keys are supplied with certain sizes of deck plates as indicated above. They are very strong and provide much greater leverage.

See Figs. 526 and 528 for Size and Price.

### DECK PLATE KEY—Fig. 827

Stainless Steel

Will fit various sizes of deck plates up to 3 inches.

Each	Length Overall Inches	Diameter Metal Inches	Weight Ounces
\$1.20	5-3/4	3/16	1-3/4

Standard Package, 10 Pieces.

### DECK PLATE KEY—Fig. 826

Cast Bronze — Adjustable to all sizes of Deck Plates — Improved Unbreakable Pins — Heavy Duty

Will fit all sizes of deck plates up to 8 inch diameter, making it unnecessary to have separate keys for each plate.

Each	Length Overall Inches	Weight Pounds
\$4.00	8-1/2	1

Standard Package, 5 Pieces.



### GAS TANK CAP—Fig. 1245

With Deck Flange And 15 Inches Of Bead Chain — Zamak Die Castings — Chromium Plated

Each	Threaded for Pipe Inches	Height Overall Inches	Diam. Deck Flange Inches	For Screw No.	Weight Ounces
\$3.00	1-1/2	1-1/8	3-1/8	7	9-1/2

Spare caps only with chain, \$2.20 each.

Standard Package, 5 Pieces.



### GAS TANK CAP — Fig. 520

Cast Bronze — Chromium Plated

No.	Each	Threaded for Pipe Inches	Height Overall Inches	Diam. Deck Flange Inches	Screw No.	Weight Ounces
1	\$ 9.25	1-1/2	13/16	3-1/4	8	9-1/2
2	11.75	2	13/16	3-7/8	8	15

Standard Package, 5 Pieces.



### GAS TANK FILLER WITH THREADED CAP—Fig. 1251

Zamak Die Casting — Chromium Plated

No.	Each	Inside Diameter Neck Inches	For Hose Inches	Length Neck Inches	Height Overall Inches	Weight Pounds
1	\$5.00	1-3/8	1-1/2	2-7/8	4-1/4	1-1/8
2	5.00	1-5/8	1-7/8	3-1/8	4-1/4	1-1/4

Chain is attached to inside tube.



### FUEL TANK FILLER WITH SPLASH GUARD—Fig. 1276

Zamak Die Casting — Chromium Plated

Splash guard directs spilled fuel over the side. Cap is fitted with 15 inches of bead chain which runs through filler pipe.

No.	Each	Inside Diam. Neck Inches	For Hose Inches	Length Neck Inches	Flange Dimensions Inches	Weight Pounds
1	\$6.00	1-3/8	1-1/2	2-7/8	4x4	1-1/4
2	6.00	1-11/16	1-7/8	3-1/8	4x4	1-5/8

Chain is attached to inside tube.



### FUEL TANK FILLER—Fig. 1210

Flush Deck Plate Type — With Key — Zamak Die Casting — Chromium Plated

Cap with holes and slot for key, screw driver or large coin. Cap has beaded safety chain.

Each	Inside Diameter Neck Inches	For Hose Inches	Length Neck Inches	Diameter Flange Inches	Weight Ounces
\$4.60	1-5/8	1-7/8	3-1/8	3-1/8	15



Fig. 1245



Fig. 520



Fig. 1251

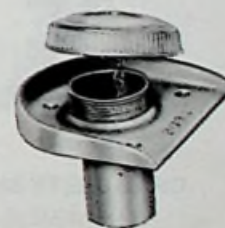


Fig. 1276

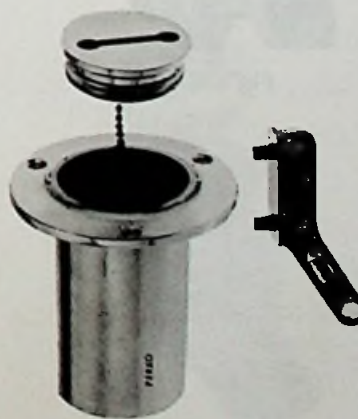


Fig. 1210

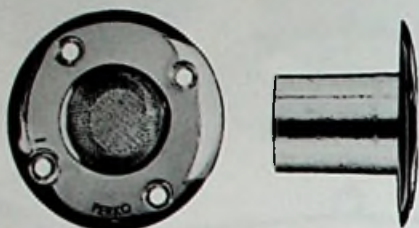
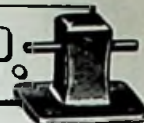


Fig. 505

**NEW GAS TANK VENT—Fig. 505**

Cast Bronze

With Brass Wire Mesh Flame Arrester.

Made to meet the requirements of the National Fire Protection Assn. Booklet No. 302 Section No. 323 on vent pipe outlets.

The Flame Arrester is 30 x 30 mesh. The 1/2" I.P.T. is off center to create a water baffle.

Plain Each	Chromium Plated Each	Diameter Flange Inches	O.D. Neck Inches	Length Neck Inches	Weight Ounces
\$3.65	\$4.60	2-1/2	1-3/16	1-1/2	6-1/2

Standard Package, 5 Pieces.



**GAS TANK VENTS—Figs. 506 & 509**

Natural or Chromium Plated Finish — With Copper Wire 30 Mesh Screening

Natural finish is desirable when fitting is to be painted to match color of hull or transom.



Fig. 506

Zamak Die Casting

Fig. 509  
Cast Bronze

Fig. No.	Size	Natural Finish Each	Chromium Plated Each	Pipe Size Inches	Hose Size Inches	Max. Wood Thickness Inches	Weight Ounces
506		\$1.65	\$1.90	3/8	9/16	1	2
509 1		3.00	3.95	3/8	9/16	1	4
509 2		3.55	4.95	1/2	5/8	7/8	6

Standard Package, 10 Pieces.



**GAS TANK VENTS—Fig. 503**

Cast Bronze — With Flanged Elbow — With Copper Wire 30 Mesh Screening



Fig. 503



No.	Plain Each	Chromium Plated Each	Neck Pipe Size Inches	Elbow Pipe Size Inches	Max. Wood Thickness Inches	Weight Ounces
1	\$3.60	\$4.50	3/8	3/8x3/8	1	5-1/2
2	3.60	4.50	3/8	3/8x1/2	1	5-1/2
3	4.30	5.75	1/2	1/2x1/2	7/8	6

Standard Package, 5 Pieces.



**GAS TANK VENTS—Fig. 515**

Cast Bronze — With Copper 30 Mesh Screening



Fig. 515

No.	Natural Finish Each	Chromium Plated Each	Pipe Size Inches	Max. Wood Thickness Inches	Weight Ounces
1	\$3.00	\$4.10	3/8	7/8	3-3/4
2	3.55	4.95	1/2	7/8	5-1/4

Standard Package, 10 Pieces.



**OUTBOARD GAS TANK CLAMPS—Fig. 1275**

Zamak Die Casting

Made to fit most gas tanks now in use, by turning the top portion 180 degrees it will fit tanks with the seam folded either vertically or horizontally.

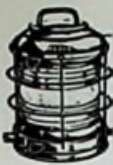


Fig. 1275

Each	Length Inches	Width Inches	Weight Ounces
\$0.80	1-1/2	1	2

Standard Package, 10 Pieces





## EXHAUST FLANGES—Figs. 214 & 738

Cast Bronze

Fig. 214 for Pipe

Size Inches	Plain Each	Chromium Plated Each	Inside Diameter Inches	Outside Diameter Inches	Weight Pounds
1-1/2	\$2.40	\$3.30	1-7/8	3-1/4	1/8
2	2.90	4.05	2-13/32	4	1/3
2-1/2	3.60	4.95	2-29/32	4-1/2	1/2
3	4.55	5.70	3-17/32	5-1/2	3/4
3-1/2	4.75	5.95	4-1/32	6	1

Fig. 738 for Tubing

2	\$ 2.90	\$ 4.00	2-1/16	4	1/3
2-1/2	3.60	4.95	2-9/16	4-1/2	1/2
3	4.55	5.70	3-1/16	5	5/8
3-1/2	4.70	5.90	3-9/16	5-1/2	3/4
4	4.70	5.90	4-1/16	6	3/4
5	6.60	7.90	5-1/16	7-1/16	1
6	9.50	11.20	6-1/16	8-1/16	1-3/8
8	10.75	15.50	8-1/16	10-1/16	1-7/8



Fig. 214 for Pipe  
Fig. 738 for Tubing

## EXHAUST FITTING—Fig. 755

With "No Stain" Collar — Cast Bronze — For Hose

A desirable exhaust fitting for small engines. The outside diameter of the neck is for 1-7/8 inch hose which fits over 1-1/2 inch pipe. The collar extends 7/8 inches beyond the transom. This helps to prevent stain from exhaust drip.

Plain Each	Chrome Plated Each	Length Overall Inches	Inside Diameter Inches	Diameter Flange Inches	Weight Pounds
\$5.30	\$7.70	3-1/4	1-9/16	3-1/2	1-1/8



Fig. 755

## STAINLESS STEEL "SURE-TITE" MARINE HOSE CLAMPS—Fig. 6400

No Rivets — Welded

**HIGH SPEED** — Goes on with hose in position . . . safety collar on screw keeps screw driver from slipping. **HIGH POWER** — Gear-drive principle assure positive, leak-proof seal under all conditions.

Part Number	Each	Size Hose Inches		Clamp Diameter Inches		Box Quantity	Weight Per 100 in Pounds
		From	To	Min.	Max.		
4	\$.48	1/4	5/8	3/8	11/16	10	2
10	.58	3/8	5/8	5/8	1-1/16	10	6
12	.58	5/8	3/4	11/16	1-1/4	10	6
16	.58	3/4	1	13/16	1-1/2	10	7
*20	.60	1	1-1/4	13/16	1-3/4	10	7
*28	.60	1-1/4	1-3/4	1-5/16	2-1/4	10	8
*36	.63	1-3/4	2-1/4	1-13/16	2-3/4	10	9
44	.65	2-1/4	2-3/4	2-5/16	3-1/4	10	9
52	.68	3	3-1/4	2-13/16	3-3/4	10	11
56	.68	3-1/4	3-1/2	3-1/16	4	10	11
64	.70	3-1/2	4	3-9/16	4-1/2	10	12

\*The most popular stock sizes.



Fig. 6400

100% ALL 18-8 STAINLESS STEEL BAND. HOUSING AND SCREW.

## COCKPIT SCUPPER—Fig. 142

Cast Bronze — With Rubber Ball Back Water Check

Especially needed in sailboats when outlet is below the waterline. With key for removing cap.

Angle of outlet is 45 degrees.

No.	Plain Each	Chromium Plated Each	Diameter Flange Inches	Diameter Grate Inches	For Diam. Hose Inches	Weight Pounds
1	\$ 9.35	\$11.75	3-1/4	1-13/16	1	1-1/4
2	13.50	16.25	3-3/4	2-1/4	1-1/2	2

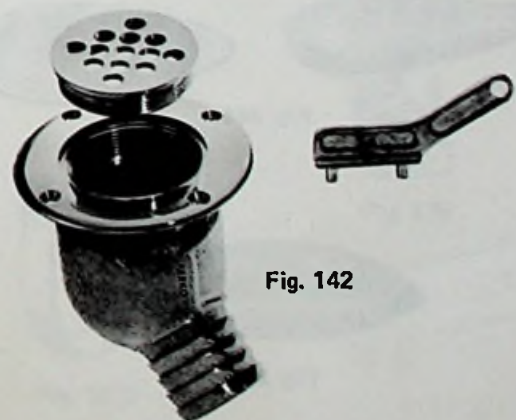


Fig. 142

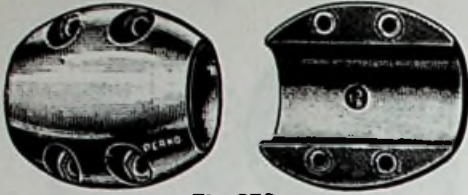


Fig. 252

### ELECTROLYSIS COLLARS—Fig. 252

Streamlined Zinc Die Casting — Precision Made And Balanced — For Shaft — Silicon Bronze Bolts And Nuts

The electrolysis collar is the least expensive way of protecting the most expensive parts of any boat against electrolytic action. It is a precision made collar of pure zinc designed to fit properly on any propeller shaft regardless of the shaft R.P.M. These collars can be easily and almost instantly installed by anyone. They are doweled, so the two halves will always locate themselves. These collars not only protect vital underwater fittings such as propellers, struts, shafts, strut bolts, but stop pitting of all underwater fastenings.

Sizes No. 1 thru 5 have 2 bolts, larger sizes 4 bolts.

No.	Each	Shaft Size Inches	Length Overall Inches	Diam. Overall Inches	Standard Package	Weight Pounds
1	\$1.75	3/4	2	2	10	3/4
2	1.75	7/8	2	2	10	3/4
3	1.85	1	2-1/4	2-1/4	10	1-1/8
4	1.85	1-1/8	2-1/4	2-1/4	10	1-1/8
5	1.85	1-1/4	2-1/4	2-1/4	10	1-1/8
6	2.50	1-3/8	2-3/4	2-1/2	10	1-3/8
7	2.50	1-1/2	2-3/4	2-1/2	10	1-3/8
8	3.30	1-3/4	2-7/8	3-1/4	5	2-1/2
9	3.30	2	2-7/8	3-1/4	5	2-1/2



Fig. 253

### ELECTROLYSIS COLLARS—Fig. 253

Zinc Sand Castings — Heavy Duty Commercial Type — For Shaft

No.	Each	Shaft Size Inches	Length Overall Inches	Diam. Overall Inches	Weight Pounds
9-A	\$6.35	2-1/4	1-3/4	5	4-3/4
10	6.00	2-1/2	1-3/4	5	4
11	5.75	3	1-3/4	5	4



Fig. 407



### ELECTROLYSIS ELIMINATORS—Fig. 407

For Rudders

Smooth Zinc Die Castings — Silicon Bronze Flush Bolts And Nuts

No.	Per Set as Illustrated	Diameter Inches	Thickness Each Half Inches	Length Bolt Inches	Standard Package	Weight Complete Pounds
2	\$1.90	2-7/8	5/8	1-1/2	10	1
2-A	3.00	3-3/4	9/16	2	5	1-3/4
3	4.50	5	5/8	2	5	3



Fig. 244

### ELECTROLYSIS ELIMINATORS—Fig. 244

For Hull

Zinc Die Castings

No.	Each	Length Inches	Width Inches	Depth Inches	Standard Package	Weight
1	\$ .75	3-1/2	1-3/4	5/8	10	6-1/2 oz.
2	1.45	5-1/4	2-1/8	1	10	1-1/4 lb.



Fig. 247

### ELECTROLYSIS ELIMINATORS—Fig. 247

For Hull

Zinc Die Castings

Each	Length Inches	Width Inches	Thickness Inches	Standard Package	Weight Ounces
\$1.20	4-3/4	2	3/4	10	12



**ELECTROLYSIS ELIMINATORS—Fig. 345**  
Die Cast Zinc — For Hull

Each	Length Inches	Width Inches	Thickness Inches	Weight Pounds
\$2.65	6-1/4	2-3/4	5/8	2-1/4

Standard Package, 5 Pieces.



Fig. 345

**ELECTROLYSIS ELIMINATORS—Fig. 254**  
For Marine Engines — Pure Zinc With Forged Bronze Plug

No.	Complete Each	Spare Zincs Each	Plug I.P.S. Inches	Zinc Dimensions Inches	Weight Ounces
1	\$1.85	\$ .70	3/8	3/8x1-3/4	2
2	2.10	.90	1/2	5/8x2	4-1/2
3	2.75	1.10	3/4	3/4x2	7
4	2.90	1.30	3/4	3/4x3-1/4	8-1/2

Standard Package, 5 Pieces per size.



Fig. 254

**BOAT HOOKS—Fig. 224**  
Ball Points — Galvanized Malleable Iron

Size No.	Each	For Diam. Pole Inches	Extreme Length Inches	Weight Ounces
4	\$2.65	1-1/4	8-1/4	12
5	3.65	1-1/2	9-3/8	18

NOTE — Pole end is measured by outside diameter to fit flush with surface of pole.



Fig. 224

**BOAT HOOK HOLDERS—Fig. 492**  
18-8 Stainless Steel — Polished

Will accommodate poles up to 1-1/2 inch in diameter, and hold them firmly in place.

Per Pair	Length Inches	Width Inches	For Screw No.	Packed Per Box	Weight Ounces
\$1.25	3-1/2	1	6	10 pr.	1-1/2

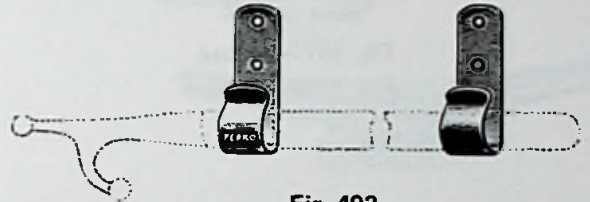


Fig. 492

**"HOLDALL" SPRING CLAMPS—Fig. 502**  
18-8 Stainless Steel — Polished

Excellent for stowing fishing rods, boat hooks, oars, swab, broom, flashlight, flagstaff, pump, etc.

No.	Per Pair	Adjustability Inches	Length From Wall Inches	Width of Metal Inches	For Screw No.	Weight Per Pair Ounces
1	\$1.00	5/8 to 1-1/4	1-1/2	1/2	6	2
2	1.15	1 to 1-3/4	2-1/4	5/8	6	2-1/2

Standard Package, 10 Pair Per Size.

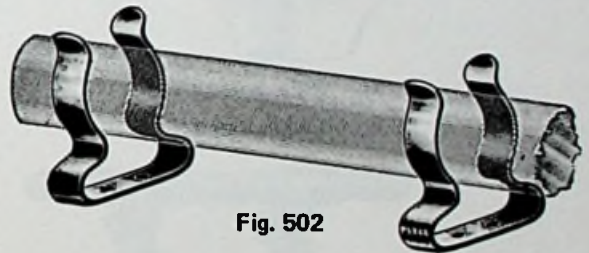


Fig. 502

**"HOLDALL" SPRING HOLDERS—Fig. 525**  
No. 316 Stainless Steel — Non-Corrosive Stainless Steel Spring — Stainless Steel Rivet

These are especially made for marine use. Not to be confused with the ordinary hardware store variety.

Each	Spread Inches	Length From Wall Inches	Weight Ounces
\$1.15	up to 1-1/4	2-3/8	1

Standard Package, 10 Pieces.



Fig. 525

**RING BUOY HOLDERS—Fig. 1017**  
Cast Bronze

Plain Bronze Each	Chromium Plated Each	Width Mounting Plate Inches	Hgt. Over-all Inches	For Screw No.	Wt. Lbs.
\$2.75	\$5.75	3	4-1/2	8	1/2

Standard Package, 5 Pieces.



Fig. 1017



## STREAMLINE CLEATS

Cast Bronze — Chromium Plated — Fig. 850

Length Inches	Each	Size Base Inches	For Diam. Rope Inches	For Screw No.	Packed Per Box	Weight Ounces
3	\$3.30	2-5/8x1-5/16	3/8	8	10	3-1/2
4-1/2	4.30	4-1/4x1-3/4	5/8	10	10	9



Fig. 850 — Bronze

Fig. 566 — Zamak

Zamak Die Castings — Chromium Plated — Fig. 566

Length Inches	Each	Size Base Inches	For Diam. Rope Inches	For Screw No.	Packed Per Box	Weight Ounces
2	\$ .70	2-3/16x1-1/8	5/16	6	10	1-1/2
3	.95	3-1/8 x1-1/2	3/8	8	10	4-1/2
4-1/2	1.50	4-7/16x1-7/8	1/2	10	10	8-1/2
6	2.30	5-1/2 x2	3/4	12	5	13-1/2
7-1/2	5.50	4-3/8 x2-3/4	1	12	5	26

## MODERN DESIGN CLEATS

Cast Bronze — Chromium Plated — Fig. 851

Length Inches	Each	Size Base Inches	For Diam. Rope Inches	For Screw No.	Packed Per Box	Weight Ounces
3	\$3.30	1-7/16x1-3/16	3/8	8	10	2
4-1/2	4.30	1-3/4 x1-1/2	5/8	8	10	5



Fig. 851 — Bronze

Fig. 1250 — Zamak

Zamak Die Castings — Chromium Plated — Fig. 1250

Length Inches	Each	Size Base Inches	For Diam. Rope Inches	For Screw No.	Packed Per Box	Weight Ounces
3	\$1.05	1-1/2x1-1/4	3/8	8	10	2
4-1/2	1.55	1-7/8x1-1/2	1/2	8	10	5-1/2
6	2.50	2-1/4x2-1/8	3/4	10	5	10-1/2

## STURDY CLEATS

Cast Bronze — Chromium Plated — Fig. 765

No.	Length Inches	Each	Size Base Inches	For Rope Inches	For Screw No.	Weight Ounces
3	5	\$4.75	1-7/16x1	5/8	10	5
4	6-1/2	5.75	1-3/4 x1-3/16	3/4	10	13-1/4



Fig. 765 — Bronze

Fig. 1200 — Zamak

Zamak Die Castings — Chromium Plated — Fig. 1200

No.	Length Inches	Each	Size Base Inches	For Rope Inches	For Screw No.	Weight Ounces
1	2-3/8	\$ .88	7/8 x1/2	3/8	8	1
2	3-1/2	1.10	1-3/16x11/16	1/2	8	2-1/4
3	5	1.65	1-7/16x1	5/8	10	4-3/4
4	6-1/2	2.40	1-3/4 x1-3/16	3/4	10	7

Standard Package, 10 Pieces.



Fig. 766 — Bronze

Fig. 1204 — Zamak

## STURDY CLEATS WITH STUDS

With Nuts and Washers

Cast Bronze — Chromium Plated — Fig. 766

No.	Length Inches	Each	Size Base Inches	For Rope Inches	Weight Ounces
3	5	\$5.50	1-7/16x1	5/8	6-1/2
4	6-1/2	6.50	1-3/4 x1-3/16	3/4	9-3/4

Standard Package, 5 Pieces Per Size.

Zamak Die Castings — Chromium Plated — Fig. 1204

No.	Length Inches	Each	Size Base Inches	For Rope Inches	Weight Ounces
2	3-1/2	\$1.60	1-3/16x11/16	1/2	3-1/4
3	5	2.00	1-7/16x1	5/8	7-1/2
4	6-1/2	2.90	1-3/4 x1-3/16	3/4	11-1/2

Standard Package, 10 Pieces Per Size.

Size of studs, No. 2 is 12/24 x 1-1/4.

Nos. 3 and 4 are 1/4-20 x 1-1/4.



### SOLID BASE BOAT CLEATS—Fig. 544-A

Cast Bronze

Length Inches	Polished Bronze Each	Chromium Plated Each	For Screw No.	Standard Package	Weight Ounces
3	\$2.30	\$2.45	8	10	2-1/2
4	2.75	3.00	10	10	4
5	3.95	4.35	1/4"	10	5-1/2
6	4.75	5.00	1/4"	10	8

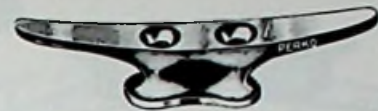


Fig. 544-A

### OPEN BASE BOAT CLEATS—Fig. 544

Galvanized Iron Or Cast Bronze

Length Inches	Cast Iron Each	Polished Bronze Each	Chromium Plated Each	Galv. Weight Pounds
3-1/2	\$ .46			3/16
4	.53		See Figure 544 A	1/4
5	.72			3/8
6	1.00			1/2
8	1.80	\$ 7.25	\$ 7.60	1-1/4
10	3.00	12.00	11.50	2-1/4
12	4.50	18.00	19.00	3-3/4
14	6.60			6-1/4



Fig. 544

### CAST ALUMINUM CLEATS—Fig. 545

Plain Finish

Length Inches	Each	Size Base Inches	For Screw No.	Weight Ounces
3	\$ .54	1-1/2x5/8	8	1-1/2
4	.63	1-5/8x3/4	10	2
5	.75	2 x7/8	1/4"	3
6	1.05	2-1/4x7/8	1/4"	4
*8	1.35	2-5/8x1-1/8	1/4"	5
*10	2.40	3-5/8x1-1/4	5/16"	9
*12	3.00	4 x1-1/2	5/16"	14



Fig. 545



\*These sizes are open base type.  
Balance of sizes are solid base type.

### YACHT CLEATS

Cast Bronze — Fig. 572

Length Inches	Polished Bronze Each	Chromium Plated Each	For Screw No.	Standard Package	Weight Pounds
4-1/2	\$ 4.75	\$ 5.25	10	10	1/2
5-1/2	5.15	5.75	10	5	5/8
6-1/2	6.50	7.00	12	5	3/4
*8	7.50	8.50	1/4"	5	1-1/4
*10	12.50	13.80	5/16"		2
*12	18.50	20.00	5/16"		3



Fig. 572—Bronze

Fig. 1188—Zamak

Zamak Die Castings — Chromium Plated — Fig. 1188

Length Inches	Each	Width Base Inches	For Screw No.	Standard Package	Weight Ounces
4	\$2.15	1-5/8	10	10	3-1/2
6	2.60	1-3/4	10	10	7-1/2

\*These Sizes Are Hollow, Balance Of Sizes Are Solid.

### CAST ALUMINUM SHIP'S CLEATS—Fig. 530

Plain Finish

Length Inches	Each	Size of Base Inches	Holes for Diam. Bolts Inches	Weight Each Pounds
8	\$ 3.85	4 x2-1/4	1/2	1-1/8
10	5.15	4-1/2x3	1/2	1-3/4
12	7.85	6-1/2x2-7/8	5/8	3-1/2
15	11.75	7 x3-1/4	3/4	4-7/8



Fig. 530

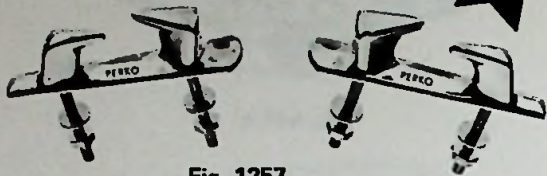


Fig. 1257



Fig. 852 Bronze  
Fig. 1253 Zamak



Fig. 1223



Fig. 767 Bronze  
Fig. 1292 Zamak



Fig. 546



Fig. 119

NEW

MODERN DESIGN BOW CHOCKS WITH STUDS—Fig. 1257  
Zamak Die Castings — Chromium Plated

Studs are 12/24 x 1-5/8" long — with nuts and washers

Per Pair	Length Overall Inches	Width Inches	For Diam. Rope Inches	For Screw No.	Weight Per Pair Ounces
\$2.50	4	15/16	1/2	8	9

Standard Package, 10 Pairs.

MODERN DESIGN BOW CHOCKS  
Chromium Plated

For 1/2 inch diameter rope.

Fig.	Per Pair	Length Overall Inches	Width Inches	For Screw No.	Weight Per Pair Ounces
852	\$8.75	4	15/16	8	10
1253	2.00	4	15/16	10	7

Standard Package, 10 Pairs.

SKENE BOW CHOCKS—Fig. 1223  
Zamak Die Casting — Chromium Plated

Per Pair	Length Overall Inches	Width Inches	For Diam. Rope Inches	For Screw No.	Weight Per Pair Ounces
\$1.50	3-1/2	7/8	1/2	8	4

Standard Package, 10 Pairs.

"STURDY" CHOCKS

Chromium Plated

For 1/2 inch diameter rope.

Fig.	Per Pair	Length Overall Inches	Width Inches	For Screw No.	Weight Per Pair Ounces
767	\$9.00	4-1/2	1	10	11
1292	2.40	4-1/2	1	10	8

Standard Package, 10 Pairs.

BOW CHOCKS—Fig. 546

Cast Bronze

Lgth. Inches	Polished Bronze Per Pair	Chrome Plated Per Pair	Width Inches	For Diam. Rope Inches	For Screw No.	Wt. Per Pair Lbs.
3	\$ 3.85	\$ 4.35	5/8	1/2	8	1/4
4	4.95	5.40	3/4	5/8	10	1/2
5	9.35	10.00	7/8	7/8	10	1
6	13.00	13.70	1	1	14	1-1/2
8	17.00	18.00	1-1/4	1-1/8	14	3

Standard Package, 5 Pairs.

STRAIGHT STERN CHOCKS—Fig. 119

Cast Bronze

Length Inches	Polished Bronze Each	Chrome Plated Each	Width Inches	For Diam. Rope Inches	For Screw No.	Wt. Each Lbs.
4	\$ 4.20	\$ 4.50	7/8	3/4	8	1/4
5	5.60	5.90	1	7/8	10	1/2
6	6.40	6.70	1-1/8	1	12	3/4
8	10.60	11.50	1-5/8	1-1/8	14	1-1/2

Standard Package, 4, 5 & 6 inches. 5 Pieces.



### STREAMLINE CHOCKS—Fig. 1240

For Bow Or Stern — Zamak Die Castings — Chromium Plated

The bow line can pass through these chocks at the usual angle without wear as the vertical part of each jaw is rounded for that purpose.

Per Pair	Length Inches	Extreme Width Inches	For Diameter Rope Inches	For Screw No.	Weight Per Pair Ounces
\$2.20	4	1	1/2	10	3-1/2

Standard Package, 10 Pairs.



Fig. 1240

### SKENE BOW CHOCKS—Fig. 160

Cast Bronze — Chromium Plated

Size No.	Per Pair	Length Inches	Width Inches	For Diam. Rope Inches	Weight Per Pair Pounds
1	\$10.00	4-1/2	3/4	5/8	3/4
2	14.75	5-1/8	1-1/8	3/4	1-1/2
3	27.50	7-1/4	1-3/8	7/8	4



Fig. 160

### SKENE STERN CHOCKS—Fig. 161

Cast Bronze — Chromium Plated

Size No.	Each	Length Inches	Width Inches	For Diam. Rope Inches	Weight Each Pounds
11	\$ 5.25	4	7/8	5/8	1/2
12	9.75	5-3/4	1-1/4	3/4	1
13	13.75	7	1-5/8	7/8	2



Fig. 161

### HAWSE HOLE PLATE—Fig. 752

Cast Bronze

Generally used in the covering board or gunwale deck for passing a dock line to a cleat under the deck.

Plain Bronze Each	Chromium Plated Each	Dimensions Overall Inches	Dimensions Inside Inches	Length Splgot Inches	Weight Pounds
\$7.00	\$10.00	4-1/4x6-1/4	2-1/16x4	1-1/16	1-1/4



Fig. 752

### COMBINATION BITT AND ROPE DECK PIPES—Fig. 431

Cast Bronze — With Stainless Steel Cross Pin

No.	Chromium Plated Each	Size Base Inches	Height Inches	For Diam. Rope Inches	Weight Pounds
2	\$17.00	4-1/4x4-1/4	3-1/2	3/4	1-3/4
2-1/2	26.25	5 x5	4-3/4	1	3-1/4
3	31.00	6 x6	5	1	4
4	66.00	7 x7	6-1/2	1-1/4	12

No. 2 Drilled for 1/4 inch bolt.  
 No. 2-1/2 Drilled for 3/8 inch bolt.  
 No. 3 Drilled for 5/16 inch bolt.  
 No. 4 Drilled for 1/2 inch bolt.



Fig. 431

### MOORING BITTS—Fig. 608

Cast Bronze — With Stainless Steel Cross Pin

No.	Chromium Plated Each	Size Base Inches	Height Inches	For Screw No.	Weight Pounds
1	\$ 9.35	3 x3	2-1/2	10	7/8
2	15.85	4-1/4x4-1/4	3-1/2	1/4"	1-7/8
2-1/2	25.00	5 x5	4-3/4	3/8	3-1/2
3	29.70	6 x6	5	5/16"	4-1/2
4	64.00	7 x7	6-1/2	1/2"	12

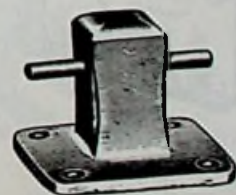


Fig. 608





Fig. 750

**ROPE AND CHAIN DECK PIPE—Fig. 750**

For Lightweight Anchors Using Chain — Cast Bronze — Chromium Plated

When lightweight anchors are used a short length of chain is generally shackled to the rope line.

This deck pipe will accommodate 3/4 inch line on a thimble, the shackle and 1/4 inch chain. It has a hook for hanging the chain, the weight of which holds the cover down.

Each	Dimensions of Flange Inches	Dimensions Inside Inches	Height Inches	Weight Pounds
\$16.75	5-1/4x4	3-3/4x2-1/2	1-3/8	2

Spare Cover With Hook and Chain, \$9.75.



Fig. 742 — Bronze  
Fig. 757 — Zamak

**ROPE DECK PIPE—Figs. 742 and 757**

With Hinged Cover - Chromium Plated — Zamak Die Casting or Cast Bronze

Fig. 742 Bronze Each	Fig. 757 Zamak Each	For Diam. Rope Inches	Inside Diameter Inches	Diameter Flange Inches	Bronze Weight Pounds	Zamak Weight Pounds
\$8.25	\$3.40	1	1-3/4	3-3/8	3/4	1/2



Fig. 741

**ROPE DECK PIPES—Fig. 741**

Cast Bronze — Chromium Plated

No.	Each	For Diam. Rope Inches	Inside Diam. Inches	Diam. Flange Inches	For Screw No.	Weight Pounds
0	\$ 8.50	5/8	1-1/4	3	8	3/4
1	13.75	3/4 & 1	1-5/8	4-1/4	8	1-5/8

Spare caps with Chain, half of above prices.



Fig. 1246

**FENDER HOOKS—Fig. 1246**

Zamak Die Casting — Chromium Plated

Each	For Rope Diameter Inches	Size Plate Inches	For Screw No.	Weight Ounces
\$.60	3/8	1-3/4x1-1/4	6	1-1/4

Standard Package, 20 Pieces.



Fig. 1299

**FENDER LOCK—Fig. 1299**

Zamak Die Casting — Chromium Plated

Attach and detach fenders instantly, eye is permanently fastened to fender line, it quickly engages the deck flange and stays there until its job is done.

Each	Diameter Flange Inches	I.D. Eye Inches	Weight Ounces
\$1.05	1-1/2	3/8	1

Standard Package, 10 Pieces.



Fig. 148



**TABLE BRACKETS—Fig. 148**

18-8 Stainless Steel — Satin Finish

For removable tables in cabin or cockpit.

A pair of angle brackets attached to table and several pairs of wall plates mounted in cabin and cockpit allows placing of table as desired.

Angle bracket cannot jump out of wall plate when table leg is firmly placed on deck.

Per Set	Angle Brackets Only Per Pair	Wall Plates Only Per Pair	Dimensions Angle Bracket Inches	Dimensions Wall Plate Inches	Weight Bracket Ounces	Weight Wall Plate Ounces
\$5.50	\$2.75	\$2.75	2-3/4x1-11/16	3-3/8x2	3	3

Standard Package, 5 Sets.

A set consists of 2 brackets and 2 plates.





## LADDER HOOKS—Fig. 717

For Folding Boarding Ladders — Cast Bronze

A Inches	B Inches	C Inches	D Inches	Length Curved Arm Inches	Size Plate Inches	Weight Per Set Pounds
6-1/8	4	2-1/2	7/8	7	2-1/2x3-1/4	2-1/2
Complete				Plates Only		
Polished Bronze Per Set		Chromium Plated Per Set		Polished Bronze Per Pair		Chromium Plated Per Pair
\$23.00		\$26.00		\$7.25		\$8.50



Fig. 717

## LADDER LOCKS—Fig. 669

For Companionway or Upper Berth — Pressure Cast Silicon Bronze

Height Inches	Length Socket Inches	Length Bracket Inches	Weight Per Set Ounces
1-1/4	1	1-3/4	12
Complete		Spare Sockets Only	
Plain Bronze Per Set	Chromium Plated Per Set	Plain Bronze Per Pair	Chromium Plated Per Pair
\$3.85	\$7.70	\$2.20	\$3.50



Fig. 669

A set consists of four pieces illustrated.  
Standard Package, 5 Sets.

## FOLDING STEP—Fig. 344

Cast Bronze — Stainless Steel Spring

For mounting on hull or transom, folds up out of way when not in use. Spring holds step in position.

Plain Bronze Each	Chromium Plated Each	Size Step Inches	Size Base Inches	Extends Folded Inches	Weight Pounds
\$5.50	\$11.50	4x2	4-1/4x1-3/4	7/8	1-1/8

Standard Package, 5 Pieces.

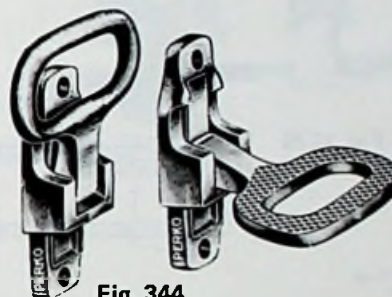


Fig. 344

FOLDED

OPEN

## BOARDING STEP—Fig. 351

Cast Bronze

Designed for mounting on transom, permitting easy access to or from the water or for mounting on bulkhead for climbing to the flying bridge.

All high spots are polished.

Plain Bronze Each	Chromium Plated Each	Dimensions Of Step Inches	Dimensions Mounting Bracket Inches	Weight Pounds
\$6.90	\$9.25	6x4-1/4	6x2	1-5/8



Fig. 351

## BOARDING STEP—Fig. 501

Cast Bronze

Designed for mounting on transom, permitting easy access to or from the water or for mounting on bulkhead for climbing to the flying bridge.

All high spots are polished.

Plain Bronze Each	Chromium Plated Each	Dimensions Of Step Inches	Dimensions Mounting Bracket Inches	Weight Pounds
\$11.30	\$14.80	11x4-1/2	11x2	2-7/8



Fig. 501

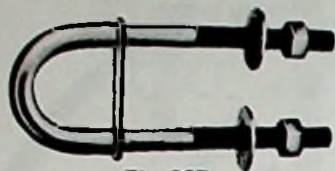
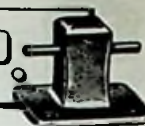


Fig. 237

**BOW EYES—Fig. 237**

18-8 Stainless Steel — Polished

No.	Each	Length Shank Inches	Diameter Metal Inches	Length Thread Inches	Inside Eye Inches	Weight Ounces
1	\$2.75	3	5/16	2-1/16	1	4
2	3.50	6	5/16	3-5/8	1	5-1/2
3	3.85	3	3/8	2-1/8	1-1/8	5
4	7.25	3	1/2	2-1/2	1-1/2	12

Standard Package, Nos. 1, 2, 3, 10 Pieces. No. 4, 5 Pieces.

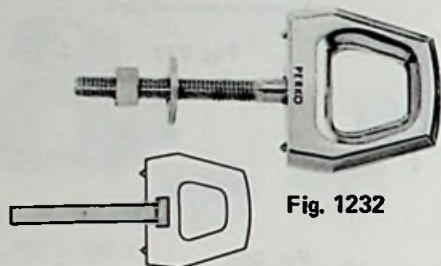


Fig. 1232

**BOW EYES—Fig. 1232**

Die Cast Zamak Eye — Chromium Plated — Forged Steel Shank, Nut and Washer

Eye is die cast around the square head of shank as illustrated. Cannot pull out. Very strong.

No.	Each	Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Eye Inside Inches	Weight Ounces
1	\$1.90	3	2-1/2	3/8	1	10
3	2.00	3	2-1/2	1/2	1	10-1/2

Standard Package, 10 Pieces Per Size.

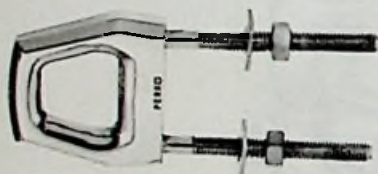


Fig. 1235

**BOW EYES—Fig. 1235**

Die Cast Zamak Eye — Chromium Plated — Forged Steel Shanks, Nut and Washer — Shanks Are One Continuous "U" Bolt Cast Inside Eye

No.	Each	Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Inside Eye Inches	Weight Ounces
1	\$2.10	3	2-3/4	5/16	1	11

Note illustration of "U" bolt which provides greater strength.

Standard Package, 10 Pieces.

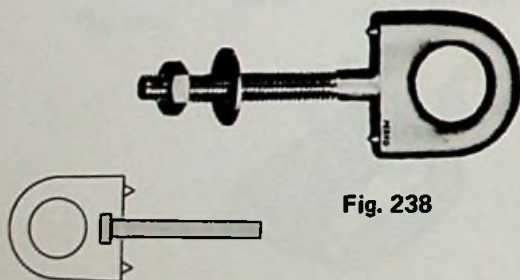


Fig. 238

**BOW EYES—Fig. 238**

Cast Bronze — Steel Shank

Bronze eye is cast around the square head of shank as illustrated. Strength has been greatly improved.

Nickel Plated Bronze Each	Chromium Plated Each	I.D. Eye Inches	Length Shank Inches	Diameter Shank Inches	Length Thread Inches	Weight Ounces
\$3.25	\$4.65	1-1/4	3	3/8	2-1/2	11

Standard Package, 10 Pieces.

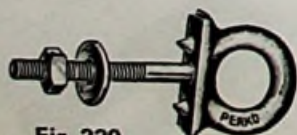


Fig. 239

**BOW EYES—Fig. 239**

Drop Forged Bronze — Extra Strong Shank

No.	Dull Plated Bronze Each	Chromium Plated Each	I.D. Eye Inches	Lgth. Shank Inches	Diam. Shank Inches	Weight Ounces
1	\$3.10	\$3.80	1	3-1/8	3/8	5-1/2
2	3.80	4.40	1	6	3/8	7

Standard Package, 10 Pieces.



**TRANSOM EYES—Fig. 236**  
**18-8 Stainless Steel — Polished**

For use as towing or lashing eye, has heavy gauge stainless steel finishing plate, stainless steel nuts and washers.

No.	Each	Diameter Metal Inches	Length Shank Inches	Inside Eye Inches	Dimensions Plate Inches	Weight Ounces
1	\$3.00	5/16	3	1	3x1-3/4	6
3	3.85	3/8	3	1-1/8	3x1-3/4	10
4	7.70	1/2	3-1/2	1-1/2	4x1-3/4	14-1/2

Standard Package, No. 1 — 10 Pieces, Balance 5 Pieces.



Fig. 236

**PAD OR LASHING EYES—Fig. 423**  
**CAST MANGANESE BRONZE**

No.	Burnished Each	Polished Chrome Each	Size Plate Inches	Size Eye Inches	Size Bolt Inches	Weight Ounces
1	\$2.50	\$4.65	4x2-1/2	1	1/4	8
2	4.00	6.50	5x3-1/8	1-1/2x1	5/16	14-1/2

Standard Package, 5 Pieces.



Fig. 423

**NEW HEAVY DUTY LIFTING EYES—Figs. 429 & 430**

Cast Manganese Bronze — Chromium Plated

A good strong eye made to do the job and designed to conform in styling with other fittings on the modern boat. Production samples were laboratory tensile tested and broken at over 8500 lbs.

Fig.	Each	For Rod Inches	I.D. Eye Inches	O.D. Eye Inches	Weight Ounces
429	\$ 9.75	5/8	1-1/2	2-1/4	19
430	11.00	5/8	1-1/2	2-1/4	17



Fig. 429  
 INTEGRAL FLANGE



Fig. 430  
 LOOSE FLANGE

**IMPROVED HEAVY DUTY ANGULAR KEEL PLATES—Fig. 447**

Cast Manganese Bronze — Plain — For 5/8 Inch Rod

Each	Dimensions Base Inches	For Diam. Bolt Inches	Weight Ounces
\$4.50	3-7/8x1-1/2	1/4	15

Standard Package, 5 Pieces.

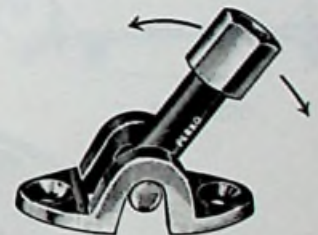


Fig. 447

**RING ON PLATE—Fig. 607**  
**Galvanized Drop Forged Steel**

No.	Each	Size Ring Inches	Size Plate Inches	For Screw No.	Weight Per 100 Pounds
1	\$1.85	5/16x1-1/2	2-1/8x2-1/8x1/4	12	33
2	2.30	3/8 x2	2-1/8x2-1/8x1/4	12	50



Fig. 607

**RINGS WITH STRAPS—Fig. 1020**  
**Cast Bronze**

Plain Bronze Each	Chromium Plated Each	Size Strap Inches	For Screw No.	Weight Ounces
\$1.65	\$3.50	4-1/8x3/4	8	4-1/2



Fig. 1020



Fig. 1225

**STEP PLATES—Fig. 1225**

Zamak Die Casting — Chromium Plated — With White Moulded Step Pads

No.	Complete Each	Overall Dimensions Inches	For Screw No.	Weight Ounces
0	\$1.65	8-3/8x2-1/4	6	5
1	2.00	8-3/4x3-1/4	6	8
2	4.15	11-1/2x5-3/4	8	12

Standard Package, Nos. 0 & 1, 10 Pieces. No. 2, 5 Pieces.



**STEP PLATES—Fig. 1043**

Cast Bronze Frame — Chromium Plated — With White Moulded Step Pads

No.	Complete Each	Overall Dimensions Inches	For Screw No.	Weight Pounds
0	\$ 3.90	8 x2-1/4	4	1/2
1	7.50	8-3/4x3-1/4	6	3/4
2	11.70	11-1/2x5-3/4	8	1-3/4

Standard Package Nos. 0 and 1, 10 Pieces. No. 2, 5 Pieces.



**STEP PADS ONLY—Fig. 1050**

Without Frame — For Figs. 1225 & 1043

No.	Each
0	\$ .85
1	1.10
2	2.00

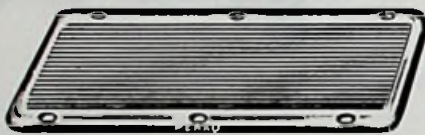


Fig. 1044

**UTILITY RUBBER STEP PLATES—Fig. 1044**

Heavy Corrugated — White With Brass, Chromium Plated Frame

Each	Overall Dimensions Inches	Weight Pounds
\$ 13.00	18 x 7	2



Fig. 1224

**TRANSOM PLATES—Fig. 1224**

Zamak Die Castings — Chromium Plated

For outboard motor brackets, saves wear and tear on transom and helps to prevent loss of motor.

No.	Per Pair	Length Overall Inches	Inside Diameter Inches	Weight Per Pair Ounces	Standard Package
1	\$1.50	3-1/2	1-7/8	2-3/4	20
2	2.20	3-1/2	2-1/16	3	20



**CURVED REAR VIEW MIRRORS**

Wide Vision — Non-Glare — Lead Backed Glass



Fig. 400



Fig. 406

**WINDSHIELD MOUNTING — ADJUSTABLE — Fig. 400**  
**DECK MOUNTING — CHROMIUM PLATED BASE—Fig. 406**

Fig.	Each	Width Mirror Inches	Height Mirror Inches	Size Base Inches	Height Overall Inches	Weight Ounces
400	\$7.50	11-3/8	2-1/2			1/2
406	9.75	12	2-3/4	3-3/4x3/4	4-1/2	3/4



**BOW HANDLE WITH EYE—Fig. 853**

Cast Bronze — Chromium Plated

Each	Length Base Inches	Height Above Deck Inches	For Screw No.	Weight Ounces
\$9.75	7-1/2	1-3/4	8	15



Fig. 853

**BOW HANDLE—Fig. 1244**

Zamak Die Casting — Chromium Plated

Chromium Plated Each	Length Base Inches	Height Above Deck Inches	For Screw No.	Weight Ounces
\$4.25	12	1-3/4	8	13

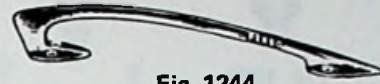


Fig. 1244

Standard Package, 5 Pieces.

**BOW HANDLE—Figs. 1221 & 1234**

Zamak Die Casting — Chromium Plated

Chromium Plated Each	Length Overall Inches	Height Above Deck Inches	For Screw No.	Weight Ounces
\$1.90	6-1/2	2	8	5-1/2

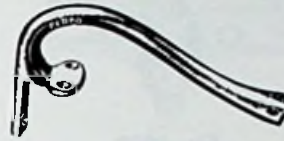


Fig. 1221



Fig. 1234

Standard Package, 10 Pieces.

**TRANSOM HANDLE—Fig. 854**

Cast Bronze — Chromium Plated

Each	Length Base Inches	Height Inside Inches	For Screw No.	Weight Ounces
\$4.40	5-3/4	1-5/8	8	8



Fig. 854

Standard Package, 10 Pieces.

**TRANSOM HANDLE—Fig. 1229**

Zamak Die Casting — Chromium Plated

Chromium Plated Each	Length Overall Inches	Length Inside Inches	For Screw No.	Weight Ounces
\$1.00	5-1/4	3-1/2	6	2-1/4

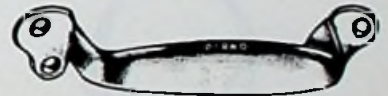


Fig. 1229

Standard Package, 10 Pieces

**ROUND GRIP TRANSOM HANDLE—Fig. 1231**

Zamak Die Casting — Chromium Plated

Extra strong for heavy boats. The round grip has no sharp edges and is ample to accommodate a man size hand.

Each	Length Overall Inches	Length Inside Inches	Height Inside Inches	For Screw No.	Weight Ounces
\$1.35	6	3-1/2	1-5/16	10	7-1/4

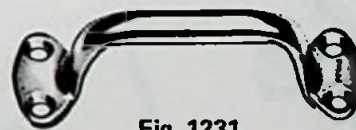


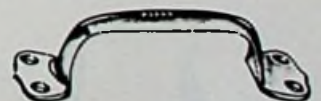
Fig. 1231

Standard Package, 10 Pieces.

**TRANSOM HANDLES—Figs. 775 & 1222**

Pressure Cast Silicon Bronze Or Zamak Die Casting

Fig. No.	Burn. Bronze Each	Polished Bronze Each	Chrome Plated Each	Length Overall Inches	Length Inside Inches	For Screw No.	Wt. Ozs.
775 1	\$1.70	\$2.05	\$2.30	4-1/4	2-5/8	6	2
775 2	2.70	3.00	3.40	5-3/4	3-3/4	8	4
1222			1.20	5-3/4	3-3/4	8	3-1/2



Bronze Fig. 775

Zamak Fig. 1222

Standard Package, 10 Pieces Each Size.



Fig. 1262

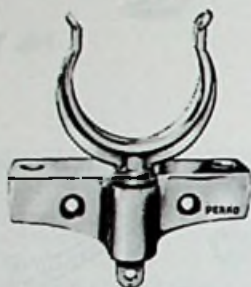


Fig. 1263



Fig. 1285



Fig. 1227

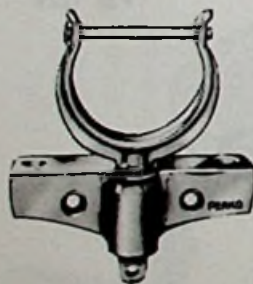


Fig. 1228



Fig. 1286

**RIBBED SOCKET ROWLOCKS—Fig. 1262**

Zamak Die Castings — Quiet Action — With Delrin Bearing in Socket — Long Wear

Between Horns, 1-3/4 Inches — Weight Per Pair, 12 Ounces

	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair
Natural Finish Burnished	\$2.40	\$1.10	\$1.30
Chromium Plated	4.00	2.15	1.85



**RIBBED SIDE PLATE ROWLOCKS—Fig. 1263**

Zamak Die Castings — With Delrin Bearing in Socket

Between Horns, 1-3/4 Inches — Weight Per Pair, 17 Ounces

	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair
Natural Finish Burnished	\$2.75	\$1.10	\$1.65
Chromium Plated	4.95	2.15	2.80



**RIBBED SIDE PLATE ROWLOCKS—Fig. 1285**

Zamak Die Castings — Delrin Bearing In Socket

Between Horns, 1-3/4 Inches. Weight Per pair, 15 Ounces

	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair
Natural Finish Burnished	\$2.50	\$1.10	\$1.40
Chromium Plated	4.50	2.15	2.35



**NORTH RIVER ROWLOCKS — Fig. 1227**

Zamak Die Casting — With Delrin Bearing in Socket

Between Horns, 1-3/4 Inches — Weight Per Pair, 15 Ounces

	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair
Natural Finish Burnished	\$2.65	\$1.35	\$1.30
Chromium Plated	4.25	2.40	1.85



**NORTH RIVER ROWLOCKS — Fig. 1228**

Zamak Die Casting — With Delrin Bearing in Socket

Between Horns, 1-3/4 Inches — Weight Per Pair, 18 Ounces

	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair
Natural Finish Burnished	\$3.00	\$1.35	\$1.65
Chromium Plated	5.20	2.40	2.80



**NORTH RIVER ROWLOCKS—Fig. 1286**

Zamak Die Castings — Delrin Bearing In Socket

Between Horns, 1-3/4 Inches. Weight Per Pair, 15 Ounces

	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair
Natural Finish Burnished	\$2.75	\$1.35	\$1.40
Chromium Plated	4.75	2.40	2.35

**NOTE—ALL PERKO ZAMAK ROWLOCKS ARE INTERCHANGEABLE. SHANK IS 1/2 INCH DIAMETER, 1-3/4 INCHES LONG.**

**STANDARD PACKAGE ALL ABOVE STYLES 10 PAIRS, COMPLETE OR IN PARTS.**



**ROUND ROWLOCK WITH REGULAR SOCKET—Fig. 1267**

Zamak Die Castings — Delrin Bearing in Socket — Inside Diameter Horns, 2 Inches — Weight Per Pair, 14 Ounces

	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair
Natural Finish Burnished	\$2.50	\$1.20	\$1.30
Chromium Plated	4.10	2.25	1.85

Standard Package, 10 Pairs.



**ROUND ROWLOCK WITH FANCY SOCKET—Fig. 1268**

Zamak Die Castings — Delrin Bearing in Socket — Inside Diameter Horns, 2 Inches — Weight Per Pair, 18 Ounces

	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair
Natural Finish Burnished	\$2.85	\$1.20	\$1.65
Chromium Plated	4.05	2.25	2.80

Standard Package, 10 Pairs.



**ROUND ROWLOCK WITH SIDE PLATE SOCKET—Fig. 1269**

Zamak Die Castings — Delrin Bearing in Socket — Inside Diameter Horns, 2 Inches — Weight Per Pair, 16 Ounces

	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair
Natural Finish Burnished	\$2.60	\$1.20	\$1.40
Chromium Plated	4.60	2.25	2.35

Standard Package, 10 Pairs.



**RIBBED SOCKET ROWLOCKS—Fig. 638**

Galvanized — Cast Iron

Size No.	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair	Opening Inches	Weight Per Pair Pounds
0	\$1.85	\$1.15	\$.70	1-3/4	1-1/8
1	2.00	1.30	.70	2	1-1/4



**STANDARD SOCKET ROWLOCKS—Fig. 639**

Galvanized Malleable Iron

Size No.	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair	Opening Inches	Weight Per Pair Pounds
0	\$2.55	\$1.75	\$.80	1-3/4	1-1/8
1	3.25	2.45	.80	2	1-1/4



**BOSTON SIDE PLATE ROWLOCKS—Fig. 646**

Galvanized Malleable Iron

Size No.	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair	Opening Inches	Weight Per Pair Pounds
0	\$3.90	\$1.90	\$2.00	1-3/4	1-1/4
1	4.10	2.10	2.00	2	1-1/2



Fig. 1267



Fig. 1268

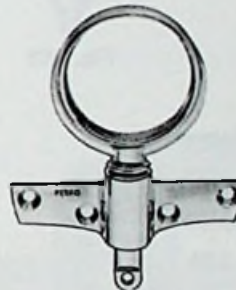


Fig. 1269



Fig. 638



Fig. 639

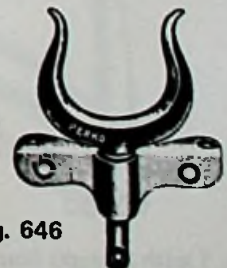


Fig. 646



Fig. 643

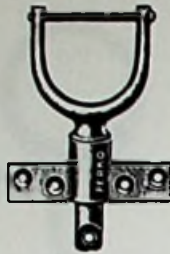


Fig. 644



Fig. 641



Fig. 642



Fig. 233

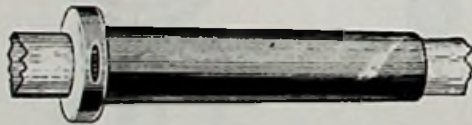


Fig. 648



No. 1 with Straight Blade



No. 2 with Curved Blade

Fig. 533

**NORTH RIVER ROWLOCKS—Figs. 643 & 644**

Galvanized Malleable Iron

Fig.	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair	Opening Inches	Weight Per Pair Pounds
643	\$3.00	\$2.25	\$.75	2-1/8	1-1/2
644	4.00	2.25	1.75	2-1/8	1-1/2



**DAVIS PATTERN ROWLOCKS—Fig. 641**

Galvanized Malleable Iron

Size No.	Per Pair	Opening Inches	Weight Per Pair Pounds
0	\$5.25	1-3/4	2
1	5.50	2	2



**ROUND SOCKET ROWLOCKS—Fig. 642**

Galvanized Malleable Iron

Size No.	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair	Inside Diam. Inches	Weight Per Pair Pounds
0	\$2.75	\$2.00	\$.75	2	1-1/8
1	3.25	2.50	.75	2-1/4	1-1/4



**OAD LEATHERS AND BUTTONS—Fig. 233**

Russet Leather

No.	Per Pair
1 Complete, Leathers and Buttons	\$2.10
2 Leathers Only—7x6-1/2 inches	1.80
3 Buttons Only—1/2x13 inches	.35

Standard Package, 10 Pairs.



**"SAV-OR" COMBINATION OAR SLEEVE AND STOP—Fig. 648**

Black Moulded Natural Rubber

An excellent item for adding years of life to a pair of oars plus noiseless operation when fishing. Also serves as a sleeve for outrigger or fishing pole socket.

Each	Length Inches	Outside Diameter Inches	Inside Diameter Inches	Weight Ounces
\$3.85	9	1-3/4 to 2	1-1/2 to 1-3/4	6-1/2



**HAND WINDSHIELD WIPERS—Fig. 533**

For Straight or Curved Windshields — Stainless Steel Extensible Arm and Blade Holder — Other Parts Chromium Plated — Rustproof — Leakproof — With 12 Inch Blade

The arm is extensible from 9 to 12 inches, spring tension is adjustable for best wiping pressure.

No. 1 Each	No. 2 Each	Length Overall Inches	Diam. Shaft Inches	Length Handle Inches	Weight Ounces
\$7.50	\$8.25	15 to 18	3/8	2-3/8	8

For thickness of wood up to 1-1/8 inches.

Spare Arm	\$2.40 each
Spare Straight Blade	1.05 each
Spare Curved Blade	2.20 each





**"PERKO" RAIL FITTINGS**  
**Cast Bronze — Polished Chromium Plated**  
**With Stainless Steel Allen Set Screws — Drilled and Countersunk 1/4"**

**ROUND ANGLE BASE—Fig. 992**

Each	For Tubing Inches	Diameter Base Inches	Height Inches	Weight Ounces
\$7.25	7/8	2-5/8	1-3/4	8

Included angle — 60°.



**ROUND STRAIGHT BASE—Fig. 973**

Each	For Tubing Inches	Diameter Base Inches	Height Inches	Weight Ounces
\$7.00	7/8	2-5/8	1-5/8	7



**RECTANGULAR ANGLE BASE—Fig. 981**

Each	For Tubing Inches	Dimensions Base Inches	Height Inches	Weight Ounces
\$7.65	7/8	2-7/8x1-3/4	1-3/4	8

Included angle — 60°.



**RECTANGULAR STRAIGHT BASE—Fig. 977**

Each	For Tubing Inches	Dimensions Base Inches	Height Inches	Weight Ounces
\$7.15	7/8	2-3/4x1-3/4	1-5/8	6-1/2



**ANGLE TEE—Fig. 990**

Right or Left Hand

Each	For Tubing Inches	Length Inches	Height Inches	Weight Ounces
\$6.30	7/8	2	2-3/16	6

Included angle — 60°.

Please specify hand.



**STRAIGHT TEE—Fig. 989**

Each	For Tubing Inches	Length Inches	Height Inches	Weight Ounces
\$6.30	7/8	2	2	6



**BOW FORM—Fig. 993**

With 3/4" Flag Pole Socket

Each	For Tubing Inches	Width Overall Inches	Angle Degree	Weight Ounces
\$10.50	7/8	4-1/4	110	12-1/2

NOTE — STANDARD PACKAGE, ENTIRE PAGE, 5 PIECES.



Fig. 992



Fig. 973



Fig. 981

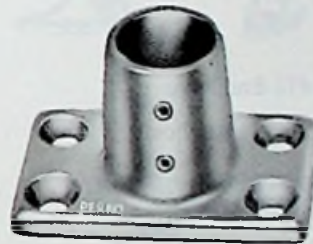


Fig. 977



Fig. 990



Fig. 989



Fig. 993



Fig. 1207 End Posts  
Fig. 1208 Center Posts

**STREAMLINE GRAB RAIL POSTS—Figs. 1207 & 1208**  
Zamak Die Castings — Chromium Plated — For 3/4 Inch O.D. 20 Gauge Brass Tubing

Fig.	Each	Height Overall Inches	Dimensions Base Inches	For Screw No.	Weight Ounces
1207	\$1.45	1-3/4	1-7/8x1-5/8	10	6-1/2
1208	1.35	1-3/4	1-1/2x1-1/8	10	5

Standard Package, 10 Pieces.



Fig. 432 End Posts  
Fig. 432-A Center Posts

**GRAB RAIL POSTS—Fig. 432 & 432-A**  
Cast Bronze — Chromium Plated — For 5/8 Inch O.D. 22 Gauge Brass Tubing

Fig.	Each	Height Overall Inches	Dimensions Base Inches	For Screw No.	Weight Ounces
432	\$4.60	1-5/8	2-1/16x1-9/16	6	5
432-A	3.95	1-5/8	1-5/8 x1-1/4	6	2-3/4



Fig. 413 End Posts  
Fig. 413-A Center Posts

**GRAB RAIL POSTS—Figs. 413 & 413-A**  
Cast Bronze — Chromium Plated — For 1 Inch O.D. 20 Gauge Brass Tubing

Fig.	Each	Height Overall Inches	Dimensions Base Inches	For Screw No.	Weight Ounces
413	\$6.60	2-1/4	3 x2	8	10
413-A	5.50	2-1/4	2-3/4x1-1/2	8	7-1/4

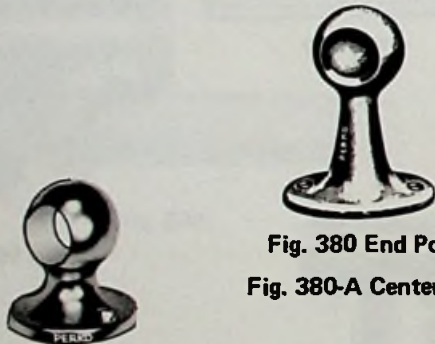


Fig. 380 End Posts  
Fig. 380-A Center Posts

**GRAB RAIL POSTS—Figs. 380 & 380-A**  
Cast Bronze — Hollow — Chromium Plated

No.	Each	Diameter Hole Inches	Height Overall Inches	Diameter Base Inches	Weight Ounces
1	\$6.60	1	3-3/8	2-1/2	10



Fig. 1297 End Posts  
Fig. 1298 Center Posts

**GRAB RAIL POSTS—Figs. 1297 & 1298**  
Zamak Die Castings — Chromium Plated  
For 3/4 inch rod or tubing

Each	Height Overall Inches	Diameter Base Inches	Weight Ounces
\$1.20	1-3/4	1-5/8	2-3/4

Standard Package, 10 Pieces.



Center  
Fig. 215 End Posts  
Fig. 215-A Center Posts  
End

**GRAB RAIL POSTS—Figs. 215 & 215-A**  
Cast Bronze — Chromium Plated

Each	For Diam. Rail Inches	Height Overall Inches	Size of Base Inches	Weight Ounces
\$5.30	1	1-3/4	3-1/2x5/8	5



**GRAB RAILS—Fig. 936**

18-8 Stainless Steel 7/8" Tubing - Chromium Plated Brass Ends - Chromium Plated Cast Bronze Bases - Stainless Steel Screws.

No.	Each	Length Overall Inches	Height Under Tubing Inches	Weight Pounds
1	\$14.00	12	1-1/4	1
2	15.50	18	1-1/4	1-3/8
3	16.85	24	1-1/4	1-3/4
4	19.50	36	1-1/4	2-1/2



**GRAB RAILS—Fig. 379**

Cast Bronze Posts - Brass Tubing - Chromium Plated

No.	Each	Length Between Posts Inches	Diameter Tubing Inches	Diameter Base Inches
1	\$17.00	12	1	2-1/2
2	18.50	18	1	2-1/2

Longer Lengths, Add \$3.30 for Each Foot or Fraction Thereof.

NOTE - Lengths longer than these listed above are made to order only and are not returnable. Not supplied in lengths longer than 6 feet.



**STAINLESS STEEL TUBING—Fig. 916**

For Bow, Hand and Grab Rails - 18-8 Non Magnetic - Polished - 7/8" O.D. - .049 Wall

No.	Each	Length Feet	Weight Pounds
1	\$10.60	4	1-1/2
2	21.00	8	3
3	31.00	12	4-1/2



**BRASS-CHROMIUM PLATED TUBING—Fig. 498**

No.	*Each	**Per Inch	Outside Diameter Inches	Length Feet	B & S Gauge
1	\$11.50	\$.18	5/8	6	22
2	13.75	.20	3/4	6	20
3	16.50	.24	1	6	20

\*Applies to 6 foot lengths only.

\*\*Applies to lengths less than 6 feet. These are cut to order before plating. Not supplied in lengths longer than 6 feet. Large O.E.M. quantities, price on application.



**ANODIZED ALUMINUM TUBING—Fig. 497**

For Grab Rails - Polished - 3/4" Outside Diameter

Length Feet	Each	Weight Ounces
6	\$5.00	10



**WOOD RAIL HINGES AND LATCHES—Figs. 180 & 185**

Cast Bronze - Chromium Plated - Stainless Steel Pins

**Fig. 180**

No.	Each	Size Rail Inches	Length Overall Inches	Weight Pounds
1	\$12.90	2-3/8x1-3/8	5	3/4
2	13.75	2-7/8x1-1/4	5-1/2	1

**Fig. 185**

No.	Each	Size Rail Inches	Length Overall Inches	Weight Pounds
1	\$12.00	2-3/8x1-3/8	5	1-1/16
2	13.20	2-7/8x1-1/4	5-1/2	1-1/4

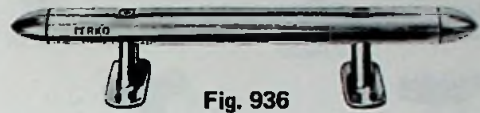


Fig. 936

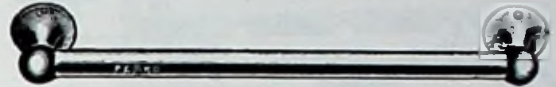


Fig. 379



Fig. 916



Fig. 498

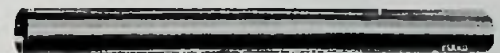


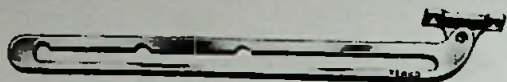
Fig. 497



Hinge  
Fig. 180



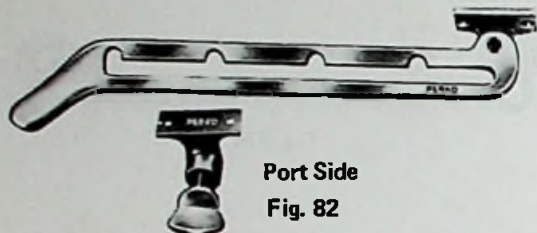
Latch  
Fig. 185



Side  
Mounting  
Fig. 1290



Offset  
Mounting  
Fig. 1291



Port Side  
Fig. 82



Fig. 360

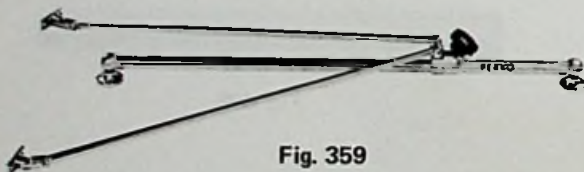


Fig. 359



Fig. 1179

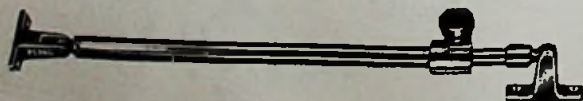


Fig. 1180

## WINDSHIELD ADJUSTERS—Figs. 1290 & 1291

Zamak Die Castings — Chromium Plated

Per Pair	Spare Knobs Each	Length Overall Inches	Length Adjustment Inches	Diam. Knob Inches	Weight Per Pair Pounds
\$9.35	\$ .95	12	9-1/2	1-3/4	1-1/2

NOTE — When ordering 1/2 pair, specify whether for port or starboard side. Illustration is port side.

## WINDSHIELD ADJUSTERS—Fig. 82

Cast Bronze

No.	Polished Bronze Per Pair	Chromium Plated Per Pair	Length Overall Inches	Length Adjustment Inches	Weight Per Pair Pounds
2	\$19.50	\$21.50	9	7	1-3/4
3	25.85	28.15	12	9-1/2	2-3/8

NOTE — When ordering 1/2 pair, specify whether for port or starboard side.

## "SKIPPER" WINDSHIELD ADJUSTER—Fig. 360

Chromium Plated — For Heavy Cruiser Windshields

Enables the skipper to adjust the windshield with one hand without leaving the wheel. The large bakelite knob is used for pushing, pulling, tightening or loosening in one operation.

Each	Length Base Overall Inches	Length Windshield Arm Inches	Length of Adjustment Inches	Weight Pounds
\$19.25	27-1/2	23	22-1/2	3-3/4

Special sizes to order, in manufacturing quantities only. Minimum 100 pieces.

## DOUBLE ARM WINDSHIELD ADJUSTER—Fig. 359

Brass — Chromium Plated — For Heavy Windshields

The arms are double jointed at both ends for attachment and smooth operation of windshield at any practical angle. The large knob is used for pushing, pulling or tightening with one hand.

Each	Length Base Overall Inches	Length Windshield Arm Inches	Length of Adjustment Inches	For Screw No.	Weight Pounds
\$35.25	28	24-1/2	24	8	3-3/4

## WINDSHIELD ADJUSTERS—Fig. 1179

Heavy Pattern — Chromium Plated

Illustration shows swivel base on left side and swinging base on right.

No.	Each	Length Closed Inches	Length Open Inches	Diam. Outside Tube Inches	Weight Ounces
1	\$9.10	10	18	1/2	9
2	9.65	12	20	1/2	11

## WINDSHIELD ADJUSTERS—Fig. 1180

Chromium Plated

A powerful non-slip grip keeps this adjuster in desired position.

Each	Length Closed Inches	Length Open Inches	Diam. Outside Tube Inches	Weight Ounces
\$9.35	12	21	1/2	10



**WINDSHIELD ADJUSTERS—Fig. 1116**  
Chromium Plated

No.	Each	Length Inches	Diam. Rod Inches	Weight Ounces
1	\$6.60	8	3/8	11
2	6.85	10	3/8	12
3	7.10	12	3/8	13

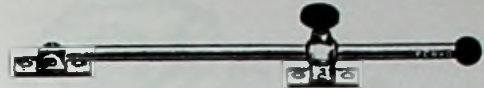


Fig. 1116

**WINDSHIELD KEEPER OR HATCH FASTENER—Fig. 967**  
Cast Bronze — Chromium Plated

Per Set	Base Of Keeper Inches	Base of Plate Inches	Length Bolt Inches	Standard Package	Weight Ounces
\$6.85	1-9/16x1	1-7/8x7/8	1-1/4	10	6



Fig. 967

**WINDSHIELD KEEPER OR HATCH FASTENER—Fig. 697**  
Chromium Plated

Per Set	Base of Keeper Inches	Base of Plate Inches	Standard Package	Weight Ounces
\$3.70	1-1/2x5/8	1-1/2x3/4	10	3

A set consists of parts illustrated.



Fig. 697

**HATCH FASTENERS OR WINDSHIELD KEEPER—Fig. 155**  
Brass — Chromium Plated — With Phosphor Bronze Internal Spring

This fastener has strong spring action providing quick grip or release and more than adequate holding power.

Each	Length Overall Inches	Size of Mounting Inches	Standard Package	Weight Ounces
\$7.50	3-7/8	1-1/2x9/16	10	3-1/4



Fig. 155

**HATCH FASTENER OR WINDSHIELD KEEPER—Fig. 769**  
Chromium Plated

Each	Dimensions For Each Base Inches	Standard Package	Weight Ounces
\$5.45	1-1/2x5/8	10	4-1/2

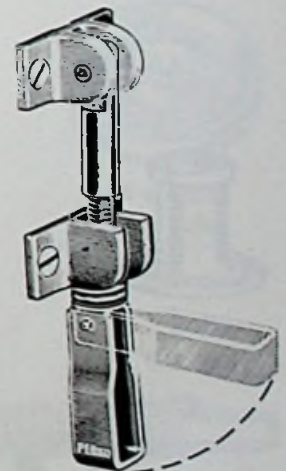


Fig. 769

**WINDSHIELD MOUNTING BRACKETS—Fig. 1247**  
Zamak Die Casting — Chromium Plated

These are used to fasten the bottom of plexiglass windshields to the deck.

Each	Length Overall Inches	Size Thread No.	Depth Thread Inches	Standard Package	Weight Ounces
\$ .60	2-5/8	10-32	3/8	10	1



Fig. 1247

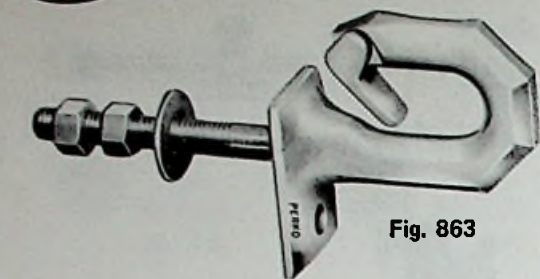
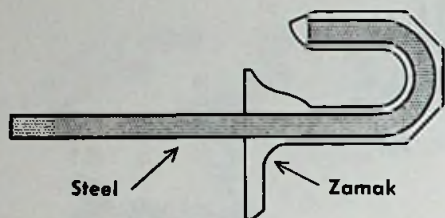


Fig. 863

**WATER SKI TOWING HOOK—Fig. 863**

For Mounting Through Transom — Zamak Hook — Steel Bolt — All Chromium Plated

Designed for both strength and looks. Zamak is die cast around the steel core as illustrated. Polished chromium plated hook provides a good looking fitting and the steel core provides the necessary strength for enjoyable skiing.



Each	Length Overall Inches	Diameter Bolt Inches	Length Bolt Inches	Length Thread Inches	Weight Ounces
\$3.15	6	5/16	3-1/4	2-1/2	10

Standard Package, 5 Pieces.

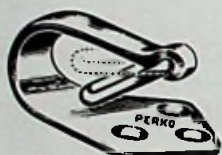


Fig. 861

**WATER SKI TOWING HOOK—Fig. 861**

Cast Bronze — Chromium Plated

Link prevents tow line from jumping out. This unit also serves as a chock or hook for dock line.

Each	Length Overall Inches	Width Inches	For Screw No.	Weight Pounds
\$6.55	3-1/4	1-3/4	12	1/2

Standard Package, 5 Pieces.



Bow  
Fig. 218



Stern  
Fig. 219

**FLUSH TYPE FLAG POLE SOCKETS—Figs. 218 & 219**

Cast Bronze — Chromium Plated

No.	Inside Diam. Inches	Fig. 218 Each	Fig. 219 Each	Diam. Flange Inches	Depth Socket Inches	Weight Ounces
1	3/4	\$2.85	\$3.20	2	1-1/2	4-1/2
2	1	3.75	4.35	2-3/8	1-3/4	5
3	1-1/4	4.40	4.85	2-5/8	2	9
4	1-1/2		6.70	3-1/8	2-3/8	15

Standard Package, 5 Pieces.



Bow  
Fig. 220



Stern  
Fig. 221

**UPRIGHT TYPE FLAG POLE SOCKETS—Figs. 220 & 221**

Cast Bronze — Chromium Plated

No.	Inside Diam. Inches	Fig. 220 Each	Fig. 221 Each	Diam. Base Inches	Height Inches	Weight Ounces
1	3/4	\$4.35	\$4.50	2-1/8	1-3/4	5-1/4
2	1	5.50	5.60	2-1/2	2	6-3/4
3	1-1/4	6.40	6.55	2-3/4	2-1/8	10-3/4

Standard Package, 5 Pieces.

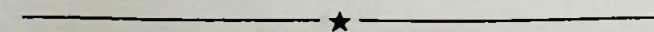


Fig. 343 Stern

**UPRIGHT TYPE FLAG POLE SOCKETS—Fig. 343**

Zamak Die Castings — Chromium Plated — Drilled For No. 6 Screw

Each	Inside Diam. Inches	Size Base Inches	Height Overall Inches	Weight Ounces
\$1.55	3/4	3x2-1/8	2	4-1/2

Standard Package, 5 Pieces.



### TILLER ROPE GUIDES—Fig. 1256

Zamak Die Casting — Chromium Plated

Each	Size Hole Inches	Size Base Inches	For Screw No.	Weight Ounces	Standard Package
\$ .35	5/16	1-1/4x3/4	6	1/2	25



Fig. 1256

### TILLER ROPE GUIDES—Fig. 1261

Zamak Die Casting — Chromium Plated

Each	Size Hole Inches	Size Base Inches	For Screw No.	Weight Ounces	Standard Package
\$ .35	5/16	1-1/4x3/4	6	1/2	25



Fig. 1261

### TILLER ROPE GUIDES—Fig. 1243

Zamak Die Casting — Chromium Plated — With Nylon Sheave

Each	For Diam. Rope Inches	Size Base Inches	Weight Ounces	Standard Package
\$1.20	1/4	2 x 3/4	1-3/4	10

Drilled for No. 8 screw



Fig. 1243

### RINGS—Fig. 417

Polished Brass

No.	Inside Diam. Inches	Thick-ness Inches	Per Dozen	No.	Inside Diam. Inches	Thick-ness Inches	Per Dozen
1	1/2	1/8	\$1.56	4	1-1/4	3/16	\$4.20
2	3/4	1/8	2.16	5	1-1/2	7/32	5.04
3	1	3/16	3.60	6	1-3/4	1/4	6.00
				7	2	1/4	8.28



Fig. 417

### SHEAVES—Fig. 154

White Nylon — Common Bushed

No.	Each	Diam. Inches	Thickness Inches	For Rope Inches	For Size Pin Inches
20	\$ .17	7/8	3/8	1/4	3/16
27	.28	1-3/4	3/8	1/4	1/4
28	.33	2-5/16	3/8	1/4	1/4



Fig. 154

### DOCK LINE SPRINGS—Fig. 759

Steel — Zinc Plated

A very strong compression spring for dock and mooring lines. It cushions the strain and contributes greatly to the life of the line. Size No. 1 will accommodate 1/2 inch diameter rope, No. 2 for 3/4 inch rope.



Fig. 759

No.	Each	Length Overall Inches	Diameter Spring Inches	Diameter Metal Inches	Compression Inches	Weight Pounds
1	\$1.85	10	1-1/2	3/16	4-1/2	7/8
2	5.25	18	2	1/4	8	2-3/4



Fig. 857

### VINYL COVERED TILLER ROPE--Fig. 857

7x8 Aircraft Cable – Very Flexible

The vinyl coating cushions the wires against abrasion and protects them against oils, detergents, alkalies and oxidizing acids.

Outside Diameter Inches	Per 100 Feet	Core Diameter Inches	Breaking Strength Pounds	Weight Per 100 ft. Pounds
3/16	\$14.00	3/32	1000	3

Supplied in 250 foot reels.



Fig. 1226

### TILLER ROPE CLAMPS—Fig. 1226

Zamak Die Castings – Brass, Chromium Plated Phillips Head Screws

For Rope Diam. Inches	Natural Finish Each	Chromium Plated Each	Length Inches	Width Inches	Weight Ounces
1/8 & 3/16	\$ .31	\$ .44	1-1/4	11/16	1

Standard Package, 50 Pieces.



IMPROVED

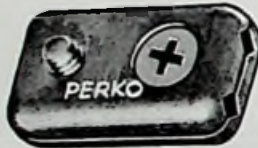


Fig. 358

### IMPROVED TILLER ROPE CLAMPS—Fig. 358

Pressure Cast Silicon Bronze With Brass, Chromium Plated Phillips Head Screws. Smaller and Stronger.

For Rope Diameter Inches	Natural Finish Each	Chromium Plated Each	Length Inches	Width Inches	Weight Ounces
1/8 & 3/16	\$ .60	\$ .72	1-1/4	11/16	1

Standard Package, 20 Pieces.

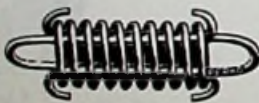


Fig. 732-SS

### STAINLESS STEEL TILLER ROPE TIGHTENERS—Fig. 732-SS

18-8 S.S. – Max. Pull 100 Pounds

Each	Normal Length Inches	Length Compressed Inches	Outside Diameter Inches	Weight Ounces
\$1.00	4	5	1	2-1/4

Standard Package, 10 Pieces.



Fig. 732-C

### STEEL TILLER ROPE TIGHTENERS

Cadmium Plated – Maximum Pull, 100 Pounds

Fig.	Each	Normal Length Inches	Length Compressed Inches	Outside Diameter Inches	Weight Ounces
732-C	\$ .42	4	5	1	3-1/2
754	.35	4-3/4	6-1/2	7/8	3

Standard Package, 25 Pieces.

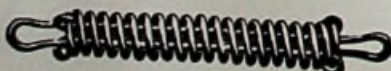


Fig. 754





### EYE STRAPS—Fig. 562

18-8 Stainless Steel

Each	Length Inches	Size Eye Inches	For Screw No.	Weight Ounces	Standard Package
\$ .11	1-5/8	1/4	8	1/8	50



Fig. 562

### EYE STRAPS—Fig. 1242

Zamak Die Casting — Chromium Plated

Each	Length Inches	Size Eye Inches	Stock in Eye Inches	For Screw No.	Weight Ounces	Standard Package
\$ .20	1-7/8	5/16	1/4	8	1/4	50



Fig. 1242

### EYE STRAPS—Fig. 881

Forged Bronze — Very Strong

No.	Natural Bronze Each	Chromium Plated Each	Length Inches	Size Eye Inches	Stock in Eye Inches	For Screw No.	Wt. Ozs.
0	\$ .60	\$1.15	1-7/8	1/4	1/4	8	1/2
1	.90	1.65	2-1/4	5/16	9/32	10	3/4
2	1.00	1.90	2-3/4	1/2	5/16	10	1-1/2



Fig. 881

Standard Package, Nos. 0 and 1, 50 pcs. No. 2, 25 pcs.

### DECK STRAPS—Fig. 882

Cast Bronze

No.	Plain Bronze Each	Chromium Plated Each	Length Inches	Size Eye Inches	Stock in Eye Inches	Wt. Ozs.
1	\$1.20	\$2.75	3-1/2	1/2	5/16	2-1/2
2	1.20	2.75	4-1/4	9/16	3/8	2-1/2

Standard Package, No. 1, 25 pcs. No. 2, 10 pcs.



Fig. 882

### FLANGE EYES—Fig. 877

Cast Bronze

No.	Plain Bronze Each	Polished Chromium Plated Each	Size Opening Inches	Size Base Inches	Weight Ounces
1	\$ .55	\$2.20	5/8	2-1/8x 15/16	1
2	1.10	2.80	3/4	2-1/4x1-3/16	2



Fig. 877

### DECK BLOCKS—Fig. 87

Open Pattern — Galvanized Cast Iron — Single

No.	Each	For Diam. Rope Inches	Size of Sheave Inches	Weight Pounds
0	\$ .77	5/16	1-3/8x7/16	3/16
1	.81	3/8	1-1/2x1/2	3/8
3	1.40	1/2	2 x5/8	13/16



Fig. 87

### DECK BLOCKS—Fig. 88

Open Pattern — Galvanized Cast Iron — Double

No.	Each	For Diam. Rope Inches	Size Sheave Inches	Weight Pounds
2	\$1.44	3/8	1-1/2x1/2	1
4	3.00	1/2	2 x5/8	1-1/2



Fig. 88



## TILLER ROPE PULLEYS

SWIVEL TYPE WITH WHITE NYLON SHEAVE – FOR TILLER ROPE UP TO 1/4 INCH DIAMETER

STAINLESS STEEL USED IN THESE PULLEYS IS TYPE NO. 304 NON-MAGNETIC 18-8.



Figs. 564 & 565

## IMPROVED SWIVEL EYE PULLEYS – Figs. 564 & 565

All 18-8 Stainless Steel except the sheave which is white nylon.

The Eye, Rivet and Pin have been greatly strengthened.

Fig.	Complete Each	Length Overall Inches	Diam. Sheave Overall Inches	Length Strap Inches	Standard Package	Weight Ounces
564	\$1.20	3	1-3/4	1-5/8	25	1-1/2
565	1.30	3-3/4	2-5/16	1-5/8	25	2

Without strap, deduct \$.10 each.



Figs. 1241 & 1277

## SWIVEL EYE PULLEY—Figs. 1241 & 1277

Zamak Body, Eye and Strap – Chromium Plated

Fig.	Complete Each	Length Overall Inches	Diam. Sheave Overall Inches	Length Strap Inches	Standard Package	Weight Ounces
1241	\$1.20	3-1/4	1-3/4	1-7/8	25	3
1277	1.50	4	2-5/16	1-7/8	25	3-1/2

Without strap, deduct \$.17 each.



Figs. 611 & 634

## IMPROVED SNAP HOOK PULLEYS—Figs. 611 & 634

All 18-8 Stainless Steel except the sheave which is white nylon.

The Hook, Spring, Rivet and Pin are much stronger. The Hook is 1/4" Diameter Stainless Steel.

Fig.	Complete Each	Length Overall Inches	Snap Throat Opening Inches	Diam. Sheave Overall Inches	Standard Package	Wt. Ozs.
611	\$1.75	3-7/8	1/2	1-3/4	25	2-1/4
634	1.85	4-5/8	1/2	2-5/16	25	2-1/2



Figs. 1288 & 1296

## SNAP HOOK PULLEYS—Figs. 1288 & 1296

Zamak Body and Improved Snap – Chromium Plated

The improvement in the snap is an interlocking tongue and body when closed, less chance of hook opening or spreading under strain.

Fig.	Complete Each	Length Overall Inches	Snap Throat Opening Inches	Diam. Sheave Overall Inches	Standard Package	Wt. Ozs.
1288	\$1.90	4-1/8	1/2	1-3/4	25	3-1/2
1296	2.15	5	1/2	2-5/16	25	4



Fig. 1255

## COAMING PULLEYS—Fig. 1255

Zamak Die Casting – Chromium Plated – White Nylon Sheave

No.	Each	Diam. Sheave Inches	For Diam. Rope Inches	Dimensions of Plate Inches	Standard Package	Weight Ounces
1	\$1.35	1-3/4	1/4	3-1/2x1-5/16	25	2
2	1.60	2-3/8	1/4	4-7/8x1-1/4	10	2-1/2



Fig. 95

## CHEEK BLOCKS—Fig. 95

Galvanized Cast Iron – Single

Size No.	Each	For Diam. Rope Inches	Size Sheave Inches	Standard Package	Weight Pounds
0	\$1.15	1/4	1-1/8x3/8	10	3/16
1	1.20	5/16	1-3/8x7/16	10	1/4
2	1.35	3/8	1-1/2x1/2		3/8
3	1.95	1/2	2 x5/8		3/4



### FAST EYE BLOCKS—Fig. 43

Galvanized Malleable Iron Or Bronze — Single

Size No.	Galv. Each	Plain Bronze Each	For Diam. Rope Inches	Size Sheaves Inches	Standard Package	Weight Pounds Each
1	\$ .47	\$ .91	3/16	3/4x5/16	10	3/32
3	.76	1.15	1/4	1 x3/8	10	3/16
5	.85	2.10	5/16	1-3/8x7/16	10	1/4
7	1.03	2.40	3/8	1-1/2x1/2	10	3/8
9	1.38		7/16	1-3/4x9/16		1/2
11	1.95		1/2	2 x5/8		5/8
13	3.30		5/8	2-1/2x3/4		1-7/16
15	4.85		3/4	3 x7/8		1-5/8



Fig 43

### FAST EYE BLOCKS—Fig. 51

Galvanized Malleable Iron — Double

Size No.	Each	For Diam. Rope Inches	Size Sheaves Inches	Standard Package	Weight Pounds Each
2	\$ .90	3/16	3/4x5/16	10	3/16
4	1.05	1/4	1 x3/8	10	1/4
6	1.50	5/16	1-3/8x7/16	10	3/8
8	1.80	3/8	1-1/2x1/2	10	5/8



Fig. 51

### SWIVEL EYE BLOCKS—Fig. 100

Galvanized Malleable Iron Or Bronze — Single

Size No.	Galvanized Iron Each	Plain Bronze Each	For Diam. Rope Inches	Diameter Sheave Inches	Standard Package	Weight Per Doz. in Lbs.
0	\$ .54	\$2.25	3/16	1/2	10	1/2
1	.62	2.33	3/16	3/4	10	1-1/4
3	.79	3.00	1/4	1	10	2
5	1.09	3.70	5/16	1-3/8	10	2-7/8
7	1.35	4.25	3/8	1-1/2	10	4-7/8



Fig. 100

### SWIVEL EYE BLOCKS—Fig. 101

Galvanized Malleable Iron — Double

Size No.	Each	For Diam. Rope Inches	Diameter Sheave Inches	Standard Package	Weight Per Doz. in Lbs.
00	\$ .91	3/16	1/2	10	1-1/16
2	1.08	3/16	3/4	10	2-1/4
4	1.32	1/4	1	10	3-3/8
6	1.92	5/16	1-3/8	10	4-1/2
8	2.65	3/8	1-1/2	10	7



Fig. 101

### WIRE ROPE PULLEYS—Figs. 194 AND 279

Galvanized Malleable Iron

#### Fig. 194 Single

Size No.	Each	For Diam. Rope Inches	Size Sheave Inches	Weight Pounds
1	\$3.60	3/16	2-1/2x3/8	1/2
2	4.25	1/4	3-1/4x1/2	1-1/4
3	6.40	5/16-3/8	4-1/2x5/8	2-1/2



Fig. 194

Side Pattern Single

#### Fig. 279 Single

Size No.	Each	For Diam. Rope Inches	Size Sheave Inches	Weight Pounds
10	\$3.60	3/16	2-1/2x3/8	5/8
20	4.25	1/4	3-1/4x1/2	1-1/2
30	6.40	5/16-3/8	4-1/2x9/16	2-1/2



Fig. 279

Upright Pattern Single

#### Fig. 280 Double — Upright Pattern Only

110	\$5.10	3/16	2-1/2x3/8	1-1/8
120	5.80	1/4	3-1/4x1/2	2
130	9.50	5/16-3/8	4-1/2x5/8	4-3/4



Fig. 1249

**LASHING HOOK—Fig. 1249**

For Boat Covers — Zamak Die Casting — Chromium Plated

Chromium Plated Each	Length Overall Inches	Width Overall Inches	Inside Hook Inches	For Screw No.	Standard Package	Weight Ounces
\$ .24	15/16	1/2	1/4	6	50	1/2

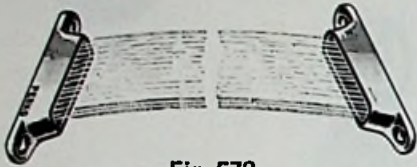


Fig. 578

**BOAT COVER SOCKETS—Fig. 578**

Zamak Die Casting — Chromium Plated

Sockets will accommodate a piece of wood lattice 3/8 inches thick and up to 1-3/4 inches wide.

Per Pair	Length Overall Inches	Size Opening Inches	Width Overall Inches	For Screw No.	Weight Per Pair Ounces
\$ .93	3-1/4	1-7/8x7/16	5/8	8	2

Standard Package, 10 Pairs.



Hinge No. 1



Eye End No. 4



Socket Nos. 2 and 3



Slide Nos. 5 and 6



Brace Fitting No. 7

**IMPROVED CONVERTIBLE TOP FITTINGS—Fig. 395**

Zamak Die Castings — Chromium Plated

Improvements include more modern design, heavier sections and much better finish.

No.	Each	Item
1	\$1.10	Deck Hinge or Bracket
2	1.00	Socket for 3/8 inch pipe
3	1.00	Socket for 3/4 inch tubing
4	.80	Eye End for 3/4 inch tubing
5	1.45	Slide for 3/8 inch pipe
6	1.45	Slide for 3/4 inch tubing
7	.85	Deck Socket for Brace
8	.85	Side Mounting Plate

Standard Package 10 pieces.

Average Weight — 2 ounces each.

No. 8 tapped for 1/4/20 screw.

NOTE — We have retooled for these fittings. Interesting prices on application to large quantity users or buyers. State quantity per order and delivery requirements.

Side Plate No. 8



Flanged Stud  
Single Fig. 994  
Double Fig. 995



Screw Stud  
Single Fig. 991



Eyelet  
Fig. 996



Washer  
Fig. 997

**ALL BRASS CURTAIN FASTENERS**

Nickel Plated

Stud Fig. 991, has brass 3/8" No. 7 wood screw.

Single Studs used with one Fig. 996 and one Fig. 997.

Double Studs used with two Fig. 996 and two Fig. 997.

Fig.	Per 100
991	\$39.50
994	29.50
995	32.50
996	6.50
997	3.25

Standard Package 100 Pieces.



### ALL BRASS "DURABLE TYPE" FASTENERS

Nickel Plated

Stud Fig. 900 has brass 3/8" No. 7 wood screw.

Stud Fig. 906 has steel 3/8" No. 7 self-tapping screw.

Stud Fig. 917 has brass 8-32 machine screw 3/8" long.

For canvas to wood, use Figs. 896, 898 and 900.

For canvas to canvas, use Figs. 896, 898, 901 and 907.

Fig.	Per 100
896	\$ 3.85
898	3.25
900	10.50
901	2.00
906	7.25
907	2.00
917	8.50

Standard Package, 100 Pieces.



### "LIFT TYPE" ALL BRASS FASTENERS

Nickel Plated

Stud Figs. 114 & 115 have brass 3/8 inch No. 8 wood screw.

Stud Fig. 156 is tapped for No. 6-32 screw.

Stud Fig. 90 has steel 3/8 inch No. 8 self tapping screw.

Single Studs are used with one Fig. 116 and one Fig. 118.

Double Studs are used with two Fig. 117 and two Fig. 118.

Fig.	Per 100
60	\$ 8.25
61	25.50
62	2.50
90	9.00
114	12.00
115	13.00
116	12.00
117	13.00
118	3.00
156	15.00

Note - Price of Fig. 156 does not include machine screw, just the tapped stud only.

Standard Package, 100 Pieces.



### HAND SCREW DRIVER—Fig. 290

For "Lift Type" Studs - Steel With Wood Handle

Each ..... \$7.25



### HAND PUNCH—Fig. 285

For "Lift Type" Fasteners - Cast Iron With Steel Cutters

Each ..... \$12.50



### HAND SET TOOL—Fig. 905

For "Durable Type" Buttons and Eyelets - Steel

Each ..... \$4.50



Button  
Fig. 896



Eyelet  
Fig. 907



STUD  
For Canvas  
Fig. 901



Socket  
Fig. 898



STUD  
With Wood Screw  
Fig. 900



STUD  
With Tapping Screw  
Fig. 906



STUD  
With Machine Screw  
Fig. 917



STUD  
With Wood Screw  
Single Fig. 114  
Double Fig. 115



STUD  
With Tapping Screw  
Single Fig. 90



STUD  
For Machine Screw  
Single Fig. 156



Clinch Stud  
Single Fig. 60  
Double Fig. 61



Clinch Washer  
Fig. 62



SOCKET  
Single Fig. 116  
Double Fig. 117



Clinch  
Plate  
Fig. 118

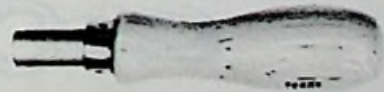


Fig. 290



Fig. 285

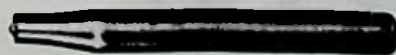


Fig. 905



Fig. 612

**FAST EYE BOAT SNAPS—Fig. 612**  
Galvanized Malleable Iron Or Bronze

Size No.	Galv. Each	Plain Bronze Each	Inside Diam. Eye Inches	Extreme Length Inches	Standard Package	Weight Per 100 Pounds
0	\$ .72	\$ .94	3/8	2-1/16	24	6-1/4
1	.88	1.15	5/8	2-7/8	24	12
2	1.05	1.38	3/4	3	24	13-1/2
3	1.20	1.98	3/4	3-7/8	12	24
4	1.60		7/8	4-1/2	12	40
5	2.05		1-1/8	5	12	50
6	2.48		1-1/8	5-1/4	12	68-3/4



Fig. 613

**SWIVEL EYE BOAT SNAPS—Fig. 613**  
Galvanized Malleable Iron Or Bronze

Size No.	Galv. Each	Plain Bronze Each	Inside Diam. Eye Inches	Extreme Length Inches	Standard Package	Weight Per 100 Pounds
1	\$1.22	\$1.87	9/16	3-1/4	24	12-1/2
2	1.43	2.32	11/16	3-5/8	24	16
3	1.87	3.20	3/4	4-5/8	12	30
4	2.25		13/16	4-7/8	12	42
5	2.82		1-1/16	5-3/4	12	61

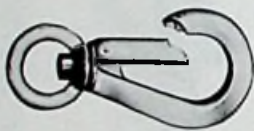


Fig. 1289

**SWIVEL EYE SNAP—Fig. 1289**  
Zamak Die Castings — Chromium Plated — Stainless Steel Spring

Has an interlocking device on tongue and hook, adding considerable strength.

Each	Inside Diam. Eye Inches	Extreme Length Inches	Standard Package	Weight Per 100 Pounds
\$1.10	5/8	3	25	12-1/2



Fig. 659

**SWIVEL EYE SNAP—Fig. 659**  
Cast Bronze

Each	Extreme Length Inches	Inside Eye Inches	Inside Hook Inches	Standard Package	Weight Ounces
\$ .65	3-1/2	3/4	7/16	25	2-1/2



Fig. 1041



Fig. 842

**FAST EYE BABY SNAPS—Figs. 842 & 1041**  
Cast Brass

Fig.	Each	Size of Eye Inches	Length Inches	Standard Package	Weight Ounces
842	\$ .38	3/8	1-7/8	50	1/2
1041	.37	5/8x3/16	1-5/8	50	1/2

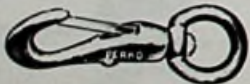


Fig. 1042

**SWIVEL EYE BABY SNAPS—Fig. 1042**  
Cast Brass

Each	Length Inches	Diam. of Eye Inches	Standard Package	Weight Ounces
\$ .47	2-5/8	3/8	50	1/2



Fig. 606

**SAFETY MOORING HOOKS—Fig. 606**  
Galvanized Drop Forged Steel — Stainless Steel Spring

These hooks, although light in design, have exceptional strength.

No.	Each	I.D. of Eye Inches	Length Overall Inches	Throat Opening Inches	Standard Package	Weight Per 100 in Lbs.
1	\$1.05	3/4	4	3/4	10	25
1-1/2	1.45	1-1/8	4-3/4	3/4	10	32
2	4.10	1	5-3/8	13/16	5	100



**WIRE ROPE CLIPS—Fig. 333**

Malleable Iron Saddle — Steel U-Bolt And Nuts

No.	Size Wire Rope Inches	Cadmium Plated Per 100	Est. Wt. Per 100 In Lbs.	No.	Size Wire Rope Inches	Cadmium Plated Per 100	Est. Wt. Per 100 in Lbs.
1	1/8	\$19.50	4-1/4	5	3/8	\$34.00	24
2	3/16	19.50	7	6	1/2	45.00	37
3	1/4	23.50	14-1/2	7	5/8	60.00	59
4	5/16	24.50	16				



Fig. 333

**AXE BRACKETS—Fig. 325**

18-8 Stainless Steel — Polished

A set consists of one blade socket and one handle bracket as illustrated.

Complete Per Set	Blade Sockets Only Each	Handle Brackets Only Each	For Blade Width Inches	Weight Per Set Ounces
\$2.20	\$1.65	\$ .65	6	4-1/2

Standard Package, 10 Sets.



Fig. 325

**GASOLINE FUNNELS—Fig. 81**

Galvanized Sheet Metal — With No. 100 Mesh Bronze Removable Strainer

Each	Diam. Top Inches	Height Inches	Capacity Pints	Weight Ounces
\$3.75	8	8-1/2	2	8



Fig. 81

**BRASS ACORN NUTS—Fig. 465**

Milled Finish

No.	Size Thread	Plain Each	Polished Brass Each	Chromium Plated Each	Size Hexagon Inches	Weight Ounces
1	8 -32	\$ .11	\$ .17	\$ .32	5/16	1/8
2	1/4 -20	.13	.58	.75	7/16	1/4
3	5/16-18	.45	.58	.75	5/8	5/8
5	3/8 -16	.60			5/8	1
7	1/2 -13	1.00			3/4	2
8	1/2 -13	1.20	1.50	1.70	1	2-1/2
9	5/8 -11	1.90	2.40	2.60	1-1/4	5



Fig. 465

**BRASS WING NUTS—Fig. 453**

U. S. S. Thread

No.	For Diam. Bolt Inches	Threads Per Inch	Plain Brass Each	No.	For Diam. Bolt Inches	Threads Per Inch	Plain Brass Each
1	3/16	24	\$ .16	4	3/8	16	\$ .33
2	1/4	20	.16	5	1/2	13	1.10
3	5/16	18	.22				



Fig. 453

**ASSORTED BRASS PINS — Fig. 1176**

No.	Each	Diam. Pin Inches	Length Under Head Inches	Diam. Head Inches	Type Head
1	\$ .40	3/16	5/8	1/4	Flat
2	.40	3/16	3/4	1/4	Flat
4	.48	3/16	1	1/4	Flat
5	.48	1/4	5/8	5/16	Round
6	.50	1/4	3/4	5/16	Flat
7	.53	1/4	7/8	5/16	Flat
8	.58	1/4	1-1/16	5/16	Flat
10	.58	1/4	1-1/4	5/16	Flat
11	.58	5/16	7/8	3/8	Flat
15	.60	5/16	1-1/4	3/8	Flat
16	.60	5/16	1-1/2	3/8	Flat
18	.79	3/8	15/16	7/16	Flat
27	1.20	1/2	1-1/4	5/8	Flat



Fig. 1176



Fig. 314

**ANCHOR SHACKLES — Fig. 314**  
Galvanized Drop Forged Steel Or Bronze — Screw Pin Type

No.	Size Inches	Galvanized Each	Bronze Each	Approx. Weight Per 100 in Pounds
1	3/16	\$ .70	\$1.65	7
2	1/4	.83	2.30	11
3	5/16	.90	2.90	20
4	3/8	1.03	3.65	31
5	7/16	1.28		47
6	1/2	1.55		68
7	5/8	2.50		137
8	3/4	3.45		220
9	7/8	4.85		320
10	1	7.00		500



**WIRE ROPE THIMBLES—Fig. 466**  
Galvanized Steel, Brass Or Stainless Steel



Fig. 466

No.	For Size Rope Inches	Galv. Each	Brass Each	Stainless Steel Each	Galv. Wt. Per 100 in Lbs.
1	1/8	\$ .13	\$ .27	\$ .27	2-5/8
2	3/16	.13	.27	.27	2-5/8
3	1/4	.13	.33	.33	4-3/8
4	5/16	.15	.46	.46	5-1/2
5	3/8	.15	.77	.77	10-5/8
6	1/2	.22	1.10	1.10	15-1/2
7	5/8	.56			27-1/2
8	3/4	.74			40
9	7/8	1.08			55
10	1	1.20			79



Fig. 319

**CONNECTING OR MISSING LINKS—Fig. 319**  
Drop Forged Steel — With Interlocking Lugs

No.	Size Inches	Galv. Each	Overall Dimensions Inches	Weight Per 100 Pounds
1	3/16	\$ .52	1-3/16x 3/4	3-3/4
2	1/4	.54	1-1/2 x 1	7-1/2
3	5/16	.59	1-3/4 x 1-3/16	10-3/4
4	3/8	.66	2-1/8 x 1-3/8	18-3/4



**NAVY TYPE ANCHORS—Fig. 45**  
Drop Forged Shank — Galvanized



Fig. 45

Weight Pounds	Each	Weight Pounds	Each
5	\$ 6.90	20	\$18.75
10	11.00	25	25.50
15	14.75	30	29.25



**ANCHOR CHOCKS—Fig. 933**  
For "Danforth" Type Anchors — Cast Bronze

Consists of four parts illustrated. Head of shank is held fast by slotted casting and thumb screw.

	No. 1		No. 2	
	Plain Bronze	Plain Chromium Plated	Plain Bronze	Plain Chromium Plated
Complete, per set	\$8.60	\$9.50	\$10.00	\$10.75
Shank support only, ea.	3.55	3.95	4.30	4.65
Fluke supports only, pair	2.65	3.00	3.00	3.40
Crown support only, ea.	2.65	3.00	3.00	3.40

Standard Package, 5 Sets. Weight per set, 2 pounds.

No. 2 size for anchors 30 lbs. and larger.



Fig. 933





**OPEN TURNBUCKLES— Figs. 390 & 394**  
**Drop Forged Steel — Hot Galvanized**

All turnbuckles have right and left hand threads.

No.	Diameter and Take-Up Inches	Fig. 390 Each	Fig. 394 Each	Overall Length Closed Inches	Approx. Weight Pounds
1	1/4 x4	\$1.95	\$2.65	7-1/2	3/8
2	5/16x4-1/2	2.25	2.80	8-1/2	1/2
3	3/8 x6	2.80	3.60	11	1
4	1/2 x6	3.60	4.35	12	1-3/4

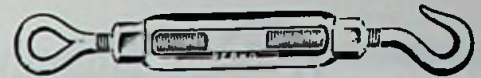


Fig. 390 HOOK AND EYE

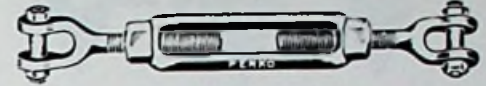


Fig. 394 JAW AND JAW

★  
**PETITE TURNBUCKLES—Fig. 396**

Bronze — S.A.E. Threads — Eye and Eye

No.	Each	Diam. Thread Inches	Length Extended Inches	Takeup Inches	Weight Per 100 in Lbs.
1	\$1.10	1/8	3	3/4	3
2	1.15	5/32	4	1-1/8	6-1/4
3	1.40	3/16	5	1-1/2	11-1/2
4	1.90	1/4	5-3/4	1-7/8	15
5	2.20	5/16	6-7/8	2-1/4	24-1/2



Fig. 396

Standard Package 10 Pieces.

★  
**PETITE TURNBUCKLES—Fig. 398**

Bronze — S.A.E. Threads — Jaw and Jaw

No.	Each	Diameter Thread Inches	Length Extended Inches	Takeup Inches	Width Jaws Inches	Weight Per 100 in Lbs.
4	\$3.75	1/4	5-3/4	1-7/8	1/4	19
5	4.25	5/16	6-7/8	2-1/4	1/4	28



Fig. 398

Standard Package, 10 Pieces.

★  
**BRONZE RIGGING TURNBUCKLES—Fig. 459**

S.A.E. Threads

No.	Size Inches	Each	Jaw Opening Inches	Diam. Pin Inches	Weight Each Pounds
1	1/4	\$ 5.95	1/4	1/4	3/8
2	5/16	7.20	5/16	5/16	1/2
3	3/8	8.80	3/8	3/8	3/4
4	1/2	18.00	1/2	1/2	1-1/2



Fig. 459

Check nuts are not included or available.

★  
**LAP LINKS—Fig. 785**

Galvanized Wrought Steel

No.	Size Inches	Each	Inside Dimensions of Link Inches	No.	Size Inches	Each	Inside Dimensions of Link Inches
1	3/16	\$.16	1 x1/2	5	3/8	\$.45	1-9/16x13/16
2	1/4	.18	1-1/2x1/2	6	1/2	.75	2 x1
3	5/16	.30	1-1/2x7/8				

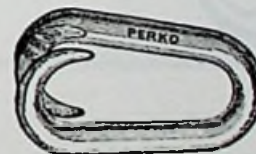


Fig. 785

★  
**"S" HOOKS—Fig. 680**

Galvanized Wrought Steel

No.	Nominal Size Inches	Per 100	Length Overall Inches	Weight Per 100 Pounds
1	3/16	\$ 9.35	1-1/2	2-3/4
2	1/4	12.65	2	7
3	5/16	19.80	2-1/2	14-1/2
4	3/8	33.00	3	18-3/4



Fig. 680

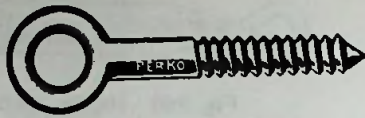


Fig. 500

### SCREW EYE BOLTS—Fig. 500

Without Shoulder — Galv. Drop Forged Steel — Large Eye

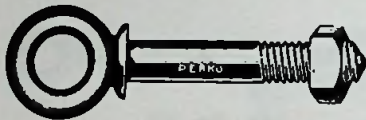
No.	Size Inches	Each	Inside Diam. Eye Inches	Galv. Weight Per 100 in Lbs.
1	1/4x2	\$ .60	1/2	6
2	5/16x2-1/4	.75	5/8	9
3	3/8x2-1/2	.80	3/4	16
4	1/2x3-1/4	1.15	1	35



### NUT EYE BOLTS—Fig. 523

Galv. Drop Forged Steel Or Bronze — Large Eye

Sizes are diameter and length of shank.



With Shoulder — Fig. 523

No.	Size Inches	Galv. Each	Plain Bronze Each	Inside Diam. Eye Inches	Galv. Weight Per 100 in Lbs.
1	1/4 x2	\$ .64	\$1.60	1/2	7
2	1/4 x4	.75	1.80	1/2	10
3	5/16x2-1/4	.80	2.15	5/8	13
4	5/16x4-1/4	.93	2.40	5/8	17
5	3/8 x2-1/2	.88	2.70	3/4	21
6	3/8 x4-1/2	1.05	3.10	3/4	27
7	1/2 x3-1/4	1.25		1	45
8	1/2 x6	1.70		1	65



### SWIVELS—Fig. 622

Drop Forged Steel



Fig. 622

No.	Size Inches	Galv. Each	Length Inches	Width Inside Inches	Weight Each in Lbs.
1	1/4	\$1.98	3-3/8	3/4	1/4
2	5/16	2.10	4-1/8	15/16	3/8
3	3/8	2.70	5-1/4	1-3/8	3/4
4	1/2	3.40	6-3/16	1-1/2	1-1/4



### SWIVEL WITH JAW END—Fig. 623

Drop Forged Steel



Fig. 623

No.	Size Inches	Galv. Each	Length Inches	Width Between Jaws Inches	Inside of Bail Inches	Weight Each in Lbs.
1	1/4	\$2.70	4	9/16	1-1/8 x 15/16	3/8
2	5/16	2.70	4-1/8	9/16	1-1/4 x 1	1/2
3	3/8	3.45	5	5/8	1-5/16x1-1/16	3/4
4	1/2	4.30	6	13/16	1-9/16x1-1/16	1-3/8



### SWIVELS—Fig. 624

Galvanized Malleable Iron Or Bronze



Fig. 624

No.	Galv. Each	Plain Bronze Each	Size Inches	I.D. Eye Inches	Inside Width Swivel Inches	Overall Length Inches	Weight Per 100 in Lbs.
0	\$ .37	\$.95	3/16	1/4	1/4	1-5/8	2-3/4
1	.40	.95	3/16	5/16	3/8	1-3/4	4
2	.53		1/4	3/8	7/16	2-1/8	7-1/2
3	.74		1/4	7/16	1/2	2-1/2	10
4	1.05		5/16	1/2	9/16	3-1/4	19-1/2
5	1.38		3/8	5/8	3/4	3-1/2	24-1/2



### PAINT SCRAPER SET—Fig. 1015

Set consists of handle with 3 blades illustrated, and nut to change and attach blades.

Packed, 1 set to a box.

No. 1 Blade, Triangular—2-3/8x2-3/8 inches.

No. 2 Blade, Triangular—3x3 inches

No. 3 Blade, Oval—2-1/2x1-1/4 inches.

Length Handle—8-1/2 inches.

Weight Per Set, 9 Ounces

Per Set — \$6.00

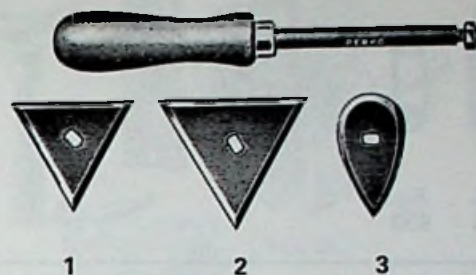


Fig. 1015

### DOUBLE END SCRAPERS—Fig. 1175

Fine Grade Tool Steel — Heat Treated

Each	Length Inches	Width Inches	Thick-ness Inches	Width Blade Inches	Weight Pounds
\$2.00	15	1	1/4	1-3/4	1

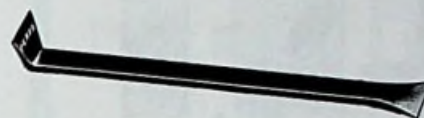


Fig. 1175

### CAULKING IRONS—Fig. 307

Malleable Iron

Size No.	Per Dozen	Thickness Inches	Length Inches	Width Blade Inches	Weight Per Dozen in Lbs.
00	\$37.20	1/32	5	2	7-1/2
0	37.20	1/16	5-5/8	2-1/2	7-1/2
1	37.20	1/8	5-7/8	2-1/4	7-1/2



Fig. 307

Standard Package, 1 Dozen.

### SAIL MAKERS PALMS—Fig. 411

Hide Mounted — Right Hand Only

Per Dozen  
\$31.80

Weight  
Per Dozen  
in Pounds  
2



Fig. 411

Standard Package, 1 Dozen.

### MARLINE SPIKES—Fig. 921

Polished Steel — For Wire Rope

Length Inches	Each	Weight Pounds
10	\$ 6.35	1/2
12	6.60	5/8
14	8.25	1
16	9.65	2-1/4
18	11.25	2-1/4

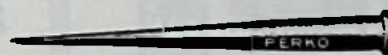


Fig. 921

### MAPLE HAND FIDS—Fig. 923

For use in splicing ropes and light flexible cables, has a rounded end for hand use; varnished finish.

No.	Each	Size Inches	Weight Per Dozen Pounds
0	\$2.00	12x1-3/4	5-1/4
1	2.20	14x1-3/4	5-1/4
2	2.50	16x2	6-3/4
3	2.95	18x2	6-3/4
4	4.35	20x2-1/4	12



Fig. 923



# PERKINS MARINE LAMP & HARDWARE CORP.

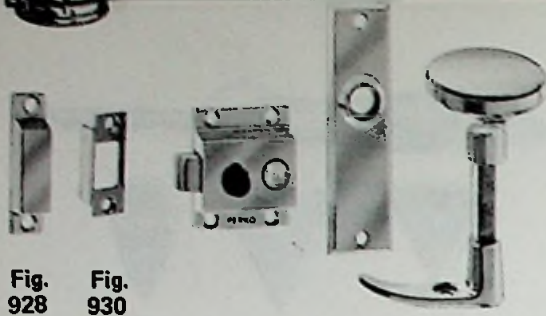
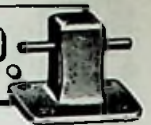


Fig. 928  
Fig. 930

### RIM LATCH SETS—Figs. 928 & 930

Zamak Die Casting — Chromium Plated

With round knob and lever handle, no keys. Locked by thumb bolt inside. For doors 3/4 to 1-1/2 inches.

Fig. 928—Regular Bevel With Box Strike.

Fig. 930—Reverse Bevel With Flush Strike.

Per Set	Size Case Inches	Size Escutcheon Inches	Diameter Knob Inches	Backset Inches	Weight Pounds
\$10.50	2-1/8x1-3/4	4-3/8x1-1/4	1-3/4	1-3/8	3/4

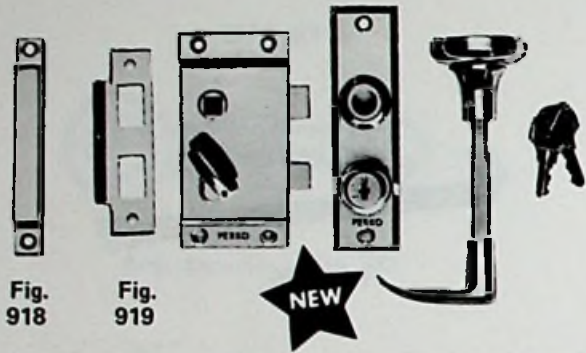


Fig. 918  
Fig. 919

### NEW RIM LOCK SETS—Figs. 918 & 919

Zamak Die Casting — Chromium Plated

Five disc tumbler type with dead bolt for inside. With round knob and lever handle, two keys. For doors 3/4 to 1-1/2 inches.

Fig. 918—Regular Bevel With Box Strike.

Fig. 919—Reverse Bevel With Flush Strike.

Per Set	Size Case Inches	Size Escutcheon Inches	Diameter Knob Inches	Backset Inches	Weight Pounds
\$16.50	3-7/8x2	4-3/8x1-1/4	1-3/4	1-3/8	1-1/4

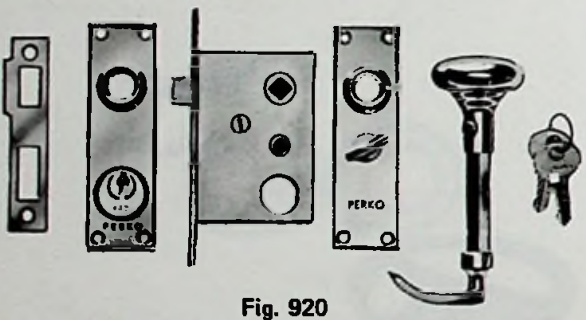


Fig. 920

### "PICK PROOF" MORTISE LOCK SET—Fig. 920

Cylinder Type — Pin Tumbler — All Cast Brass — Chromium Plated — Reversible — Two Keys

A good sturdy lock design and built for marine use and the better class craft. For doors 3/4 to 1-3/8 inches thick. Backset 1-5/8 inches.

Per Set	Size Case Inches	Size Facing Inches	Size Escutcheon Inches	Diameter Knob Inches	Weight Pounds
\$36.25	3x2-1/8	4-1/2x11/16	4x1-3/16	1-5/8	1-1/4

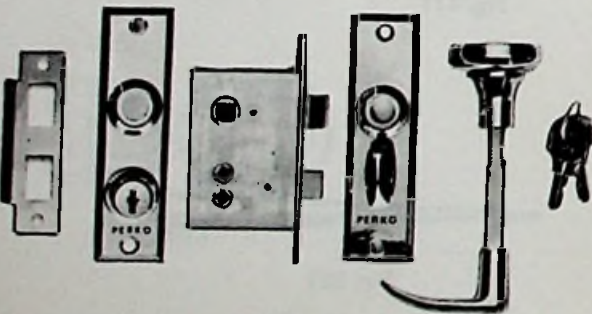


Fig. 927

### MORTISE LOCK SETS—Fig. 927

Zamak Die Casting — Chromium Plated — Reversible

Five disc tumbler type with dead bolt for inside. With round knob and lever handle, two keys. For door 1 to 1-1/2 inches thick. Backset 1-3/8 inches.

Per Set	Size Case Inches	Size Facing Inches	Size Escutcheon Inches	Diameter Knob Inches	Weight Pounds
\$14.50	2-3/4x2	4x13/16	4-3/8x1-1/4	1-3/4	1-1/4

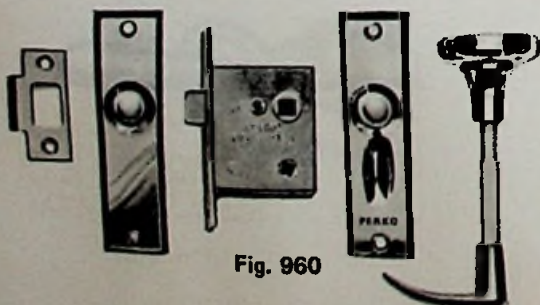


Fig. 960

### MORTISE LATCH SETS—Fig. 960

Zamak Die Castings — Chromium Plated — Reversible

Locked by dead bolt inside, no keys, with round knob and lever handle. For door 1 to 1-1/2 inches thick.

Backset 1-3/8 inches.

Per Set	Size Case Inches	Size Facing Inches	Size Escutcheon Inches	Diameter Knob Inches	Weight Pounds
\$10.25	2-1/4x1-13/16	3-1/2x13/16	4-3/8x1-1/4	1-3/4	1



### TUBULAR LATCH SETS—Fig. 567

Brass — For Small Cabin Doors — With Screws — Polished Or Chromium Plated

Polished Brass Each	Chromium Plated Each	For Thickness Doors Inches	Size Escutcheon Inches	Size Knob Inches	Back-set Inches
\$8.50	\$12.75	7/8 to 1-3/8	4x1-1/2	2-1/16	1-1/4



### ONE-WAY NIGHT OR SAFETY LATCH—Fig. 948

Zamak Die Casting — Chromium Plated — With Sliding Safety Catch

Each	Dimensions Without Strike Inches	Weight Ounces
\$4.25	2-1/8x1-3/4	5

Standard Package, 10 Pieces.



### CUPBOARD TURNS—Fig. 1105

Wrought Brass

Furnished complete with screws.

Polished Brass Each	Chromium Plated Each	Dimensions Without Strike Inches	Weight Ounces
\$3.75	\$4.75	2-3/16x1-1/2	4

Standard Package, 10 Pieces.



### CUPBOARD TURNS—Fig. 949

Cast Brass

No.	Polished Brass Each	Chromium Plated Each	Dimensions Without Strike Inches	Weight Ounces
1	\$5.25	\$6.30	1-3/4x1-1/16	4
2	6.60	7.75	2-1/4x1-9/16	7

Standard Package, 10 Pieces.



### HEAVY DUTY CUPBOARD TURNS—Fig. 978

Zamak Die Casting — Chromium Plated

High Quality in Design and Smooth Operation

Each	Dimensions Without Strike Inches	Weight Ounces
\$4.25	2-1/8x1-3/4	5

Standard Package, 10 Pieces.



### CUPBOARD CATCHES—Fig. 1102

Die Cast Zamak — Chromium Plated

Each	Dimensions Without Strike Inches	Weight Ounces
\$4.00	1-1/2x1-3/8	3

Standard Package, 10 Pieces. Supplied complete with flush and 3/8 inch offset strike.



### CUPBOARD BOLT—Fig. 1101

Die Cast Zamak — Chromium Plated

Each	Dimensions Without Strike Inches	Weight Ounces
\$2.50	1-1/2x1-1/2	2

Standard Package, 10 Pieces.

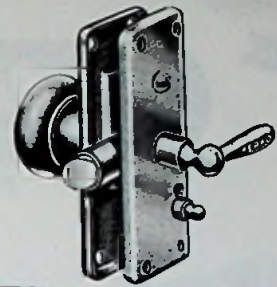


Fig. 567

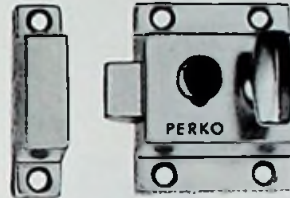


Fig. 948



Fig. 1105

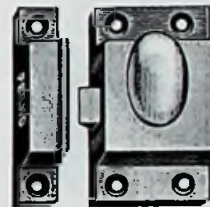


Fig. 949

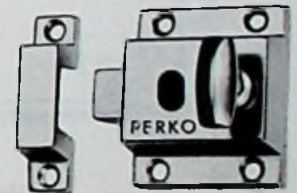


Fig. 978

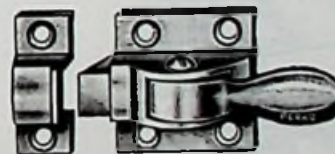


Fig. 1102

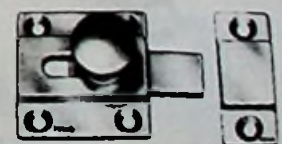


Fig. 1101



IMPROVED



Fig. 947

## IMPROVED BARREL BOLTS—Fig. 947

Pressure Cast Silicon Bronze

No.	Polished Each	Chromium Plated Each	Length Rod Inches	Size Base Without Strike Inches	Weight Ounces
1	\$3.30	\$3.50	2-1/2	2-1/2x1-3/16	3-3/4
2	3.55	3.75	3	3 x1-1/4	4
3	3.90	4.20	4	4 x1-3/8	5

Standard Package, 5 Pieces.

## SHIP BOLTS—Fig. 1053

Pressure Cast Silicon Bronze

Burnished Each	Polished Each	Chromium Plated Each	Size Without Strike Inches	Weight Ounces
\$3.15	\$3.60	\$4.15	2-3/8x1-1/4	1-3/4

Standard Package, 5 Pieces.



Fig. 1053

## CABIN DOOR HOOKS—Fig. 956

Pressure Cast Silicon Bronze

Lgth. Hook In.	Polished Bronze Each	Chromium Plated Each	Wt. Ozs.	Lgth. Hook In.	Polished Bronze Each	Chromium Plated Each	Wt. Ozs.
1-1/2	\$1.95	\$2.10	1	3-1/2	\$2.15	\$2.40	2-1/2
2	1.95	2.10	1-1/2	4	3.00	3.20	3
2-1/2	2.00	2.15	1-3/4	5	3.20	3.70	3-1/2
3	2.10	2.25	2	6	3.40	4.00	5

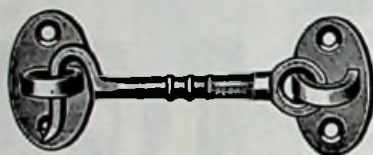


Fig. 956

Standard Package, 10 Pieces.

## CABIN DOOR HOOKS—Fig. 957

Double Jointed — Cast Brass

No.	Length Overall Inches	Polished Brass Each	Chromium Plated Each	Weight Ounces
1	2-1/2	\$4.75	\$5.80	2-1/2
2	3-1/2	5.60	6.80	3

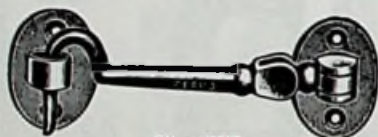


Fig. 957

Standard Package, 5 Pieces.

## CABIN DOOR HOOKS—Fig. 1199

Zamak Die Castings — Chromium Plated

No.	Length Hook Inches	Each	Weight Ounces
1	1-3/4	\$1.15	1-1/4
2	2-1/4	1.20	1-3/8
3	3	1.25	1-1/2
4	4	1.30	1-3/4

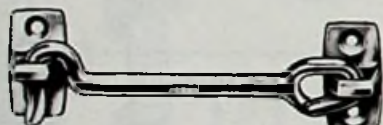


Fig. 1199

Standard Package, 20 Pieces.

## MODERN DESIGN CABIN DOOR HOOKS—Fig. 1287

Patent Applied for #75,268

Zamak Die Castings — Chromium Plated

No.	Length Hook Inches	Each	Dimensions Eye Plate Inches	Weight Ounces
1	2	\$1.15	1-1/4x11/16	1-1/4
2	2-1/2	1.20	1-1/4x11/16	1-1/2
3	3	1.25	1-1/4x11/16	1-3/4

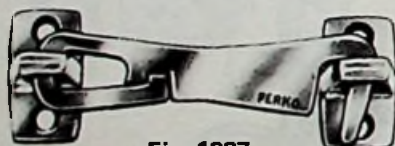


Fig. 1287

Standard Package, 20 Pieces.

## DOOR STOP AND HOLDER—Fig. 574

Pressure Cast Silicon Bronze

No.	Polished Each	Chromium Plated Each	Length Inches	Diameter Base Inches	Weight Ounces
1	\$7.50	\$8.00	2-3/8	1-3/4	4-1/2
2	7.70	8.25	3-1/4	1-3/4	5-1/2

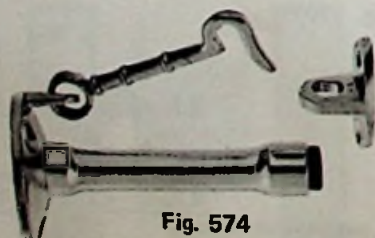


Fig. 574

Standard Package, 5 Pieces.



**DOOR STOP—Fig. 1177**

Rubber Bumper with Zamak Die Cast Holder — Chromium Plated

Each	Diameter Inches	Length Inches	Standard Package	Weight Ounces
\$1.15	1-1/4	1	10	1



Fig. 1177

**DOOR HOLDERS—Fig. 1065**

Stainless Steel Clip — Chromium Plated Arrow

Per Set	Base of Arrow Inches	Base of Clip Inches	Projection Inches	Weight Ounces
\$2.75	1-5/8x3/4	1-3/8x7/16	1-3/4	2



Fig. 1065

Standard Package, 10 Sets.

**NEW DOOR STOP AND HOLDER—Fig. 576**

Stainless Steel No. 316 18-12 — Chromium Plated.

Designed for marine use — holds door firmly in place — no loose parts to rattle or mar finish of door or bulkhead. Complete with Stainless Steel Mounting Screws.

Each Complete	Projection Inches	Weight Ounces	Standard Package
\$3.00	2-1/2	1-3/4	5

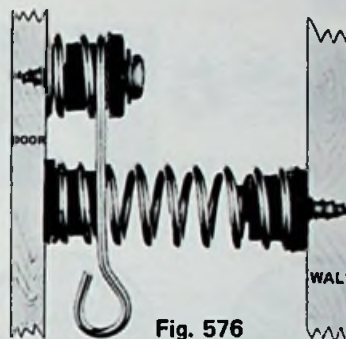


Fig. 576



**NEW DOOR STOP—Fig. 577**

Stainless Steel No. 316 18-12 — Chromium Plated

Many other uses may be found for this item i.e., anti-rattle if ordinary hook and eye already installed, vibration or shock mount, bumpers for sliding doors, etc.

Each	Projection Inches	Weight Ounces	Standard Package
\$1.60	2-1/2	3/4	5



Fig. 577

**ELBOW CATCHES—Fig. 1056**

Zamak Die Casting — Chromium Plated

Each	Size Base Inches	Standard Package	Weight Ounces
\$1.75	1-1/8x9/16	25	3/4



Fig 1056

**"FLEXA" DOOR CATCHES—Fig. 554**

White Nylon Catch — Stainless Steel Spring — With Brass, Chromium Plated Screws — Positive Grip — 18 Pound Pull

Each Complete	Length Catch Inches	Length Ball Head Screw Inches	Standard Package	Weight Ounces
\$ .60	1-3/16	3/4	25	1/4

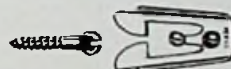


Fig 554

**"POLYDEL" DOOR CATCHES—Fig. 559**

Grey Delrin Ball Stud — Polyethylene Catch — Holds Door Firmly in Place Against Vibration and Motion

Each	Stud Size Inches	Catch Size Inches	Standard Package	Weight Per 100 Pounds
\$ .40	1-1/8x3/8	1-3/8x7/8	25	1



Fig. 559

**FRICTION CATCHES—Fig. 178**

All Brass — Adjustable Tension

Illustrations are full size. Supplied complete with oblong strike.

Per Set — \$ .35

Standard Package, 25 Sets.

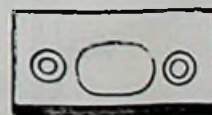
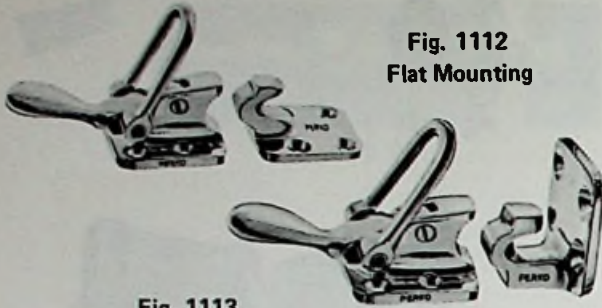


Fig. 178

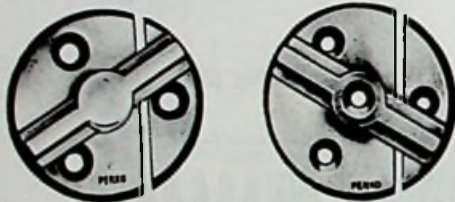


**Fig. 1112**  
Flat Mounting

**Fig. 1113**  
Angle Mounting

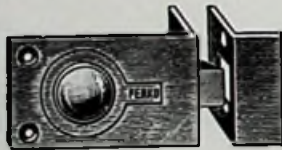


**Fig 1108**



**Fig. 1216**  
With Spring

**Fig. 1216-B**  
Without Spring



**Fig. 1051**



**Fig. 1064**



**Fig 1063**

**HATCH HOLD-DOWN CLAMPS—Figs. 1112 & 1113**

Pressure Cast Silicon Bronze — Polished Chromium Plated

An excellent item with many uses, on hatch covers, wind-shields, windows, bait and fish boxes, etc.

Fig.	Each	Length Inches	Width Inches	Standard Package	Weight Ounces
1112	\$7.15	3	1-1/2	5	5-1/2
1113	7.15	2-1/2	1-1/2	5	5-1/2



**ANTI-RATTLE DOOR OR HATCH FASTENER—Fig. 1108**

Pressure Cast Silicon Bronze

Burnished Each	Polished Each	Chromium Plated Each	Size Base Inches	Standard Package	Weight Ounces
\$5.75	\$6.60	\$7.50	2-3/4x1-3/4	5	4

Has 1/4 inch hole in lever for padlock.



**SPRING TYPE DOOR BUTTON—Fig. 1216**

Zamak Die Casting — Chromium Plated

Eliminates rattling doors. Phosphor bronze coil spring under knob holds button snugly against the plate. Nylon tips under button prevent marring of chrome surface. Drilled and countersunk for #6 screw.

Fig.	Each	Plate Diameter Inches	Width Less Keeper Inches	Standard Package	Weight Ounces
Fig. 1216	\$1.55	1-11/16	1-3/16	10	1-1/2
Fig. 1216-B	1.50	1-11/16	1-3/16	10	1-1/2



**FLUSH RING CATCHES—Fig. 1051**

Die Cast Zamak — Chromium Plated — Phosphor Bronze Spring

Each	Size Inches	Standard Package	Weight Ounces
\$3.00	1-3/4x1-3/8	10	1-1/2



**CABINET LATCHES—Fig. 1064**

Cast Brass — Chromium Plated

With flush striking plate and brass pin, spring closing. Made either right or left hand.

Each	Length Overall Inches	Length Lever Inches	Standard Package	Weight Ounces
\$3.80	2-3/8	1-3/4	5	1-3/4

Specify right or left hand.



**REFRIGERATOR FASTENERS—Fig. 1063**

Cast Brass — Chromium Plated

Made either right or left hand with flush striking plate. Holds door without strain on the rivet. Has brass pin. Illustration shows right hand.

Each	Length Overall Inches	Size Lever Inches	Standard Package	Weight Ounces
\$7.00	4-11/16	3-9/16	5	6-1/2

Specify right or left hand.





### FLUSH RING PULLS—Fig. 841

Die Cast Zamak — Chromium Plated

Each	Size Plate Inches	Standard Package	Weight Ounces
\$1.75	1-3/4x1-3/8	10	1



Fig. 841

### FLUSH RING PULLS—Fig. 1103

Pressure Cast Silicon Bronze

Burnished Each	Polished Each	Chromium Plated Each	Size Plate Inches	Standard Package	Weight Ounces
\$3.05	\$3.55	\$4.00	2-9/16x2	5	3-1/2



Fig. 1103

### FLUSH HATCH LIFTING RING—Fig. 575

Safety Type — Pressure Cast Silicon Bronze

No recess to catch heels, chair or table legs, etc.

Burnished Each	Polished Each	Chromium Plated Each	Size Plate Inches	Inside Ring Inches	Standard Package	Weight Ounces
\$3.05	\$3.55	\$4.00	2-5/8x2	1	5	3

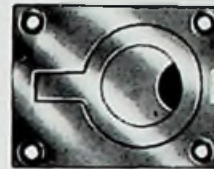


Fig 575

### FLUSH HATCH LIFTING HANDLE—Fig. 1220

Zamak Die Casting — Chromium Plated

No large recess to catch chairs, heels, table legs, etc.

Each	Dimensions Plate Inches	Inside Handle Inches	Standard Package	Weight Ounces
\$2.30	3x2-1/4	1-7/8x1	5	3



Fig. 1220

### HEAVY DUTY FLUSH HATCH LIFTING HANDLE—Fig. 776

Pressure Cast Silicon Bronze  
With Stainless Steel Pin

No.	Burnished Each	Polished Each	Chromium Plated Each	Dimensions Plate Inches	Inside Handle Inches
1	\$3.85	\$4.40	\$4.95	3 x2-1/4	1-7/8 x1
2	5.15	5.85	6.60	3-3/4x2-3/4	2-3/16x1-3/16

Weight — No. 1, 3-1/2 Ozs. No. 2, 5-1/2 Ozs.

Standard Package, 5 Pieces.

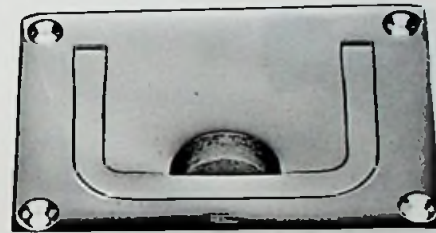


Fig. 776

### HATCH SUPPORT HINGES—Fig. 762

Brass — Chromium Plated

No.	Length Open Inches	Per Pair	For Screw No.	Weight Per Pair Ounces
1	10	\$10.45	8	10
2	12	10.75	8	12
3	14	11.00	8	14



Fig. 762

### HATCH ADJUSTERS—Fig. 797

Chromium Plated — Improved With Stop Teeth in Back of Slide.

Chromium Plated Each	Length Arm Inches	Length Adjustment Inches	Length Slide Inches	Weight Ounces
\$9.00	10	9-1/2	10-3/4	13

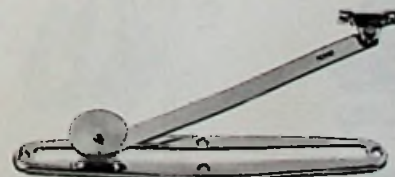


Fig. 797

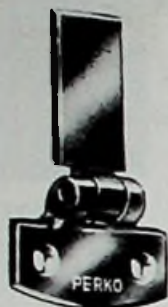


Fig. 935

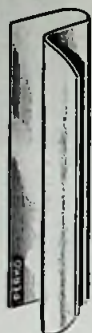


Fig. 954



Fig. 937



Fig. 934



Fig. 770



Fig. 719

## SLIDING WINDOW HANDLE—Fig. 954

18-8 Stainless Steel — Polished — For 1/4 Inch Glass

A useful handle made for easier operation of sliding windows.

Each	Length Inches	Standard Package	Weight Ounces
\$1.20	3	10	1



## SLIDING WINDOW STOP—Fig. 935

Zamak Die Casting — Chromium Plated

Each	Mounting Plate Inches	Stopping Plate Inches	Standard Package	Weight Ounces
\$2.00	1-7/8x3/4	1-1/2x3/4	10	2



## SLIDING WINDOW LOCK AND ANTI RATTLER—Fig. 937

Zamak Die Casting — Chromium Plated — Bakelite Knob  
Plastic Tip

Each	Height Overall Inches	Mounting Plate Inches	*Length Screw Inches	Standard Package	Weight Ounces
\$1.95	1-5/8	1x5/8	1-1/8	10	1-1/4

\*Between Knob and Tip



## SLIDING WINDOW LOCK AND ANTI-RATTLER—Fig. 934

Zamak Die Casting — Chromium Plated — Bakelite Knob  
Plastic Tip

Each	Height Overall Inches	Dimensions Base Inches	*Length Screw Inches	Standard Package	Weight Ounces
\$1.65	1	2x5/8	1-1/8	10	1-1/4

\*Between knob and tip.



## IMPROVED SASH OR HATCH FASTENERS—Fig. 770

Pressure Cast Silicon Bronze — Stainless Steel Pin

Burnished Finish Each	Chromium Plated Each	Extreme Length Overall Inches	Width Inches	Length Thread Inches	Standard Package	Weight Ounces
\$4.85	\$6.20	3-3/4	1-5/8	2-1/4	10	6



## TABLE LEG FASTENERS—Fig. 719

Brass — For Fastening Table Leg To Deck

Burnished Each	Chromium Plated Each	Length Angle Inches	Width Angle Inches	Standard Package	Weight Ounces
\$2.75	\$4.15	1-3/8	1	10	3



### DRAWER PULLS—Fig. 958

Pressed Brass

Polished Brass Each	Chromium Plated Each	Width Overall Inches	Width Inside Inches	Standard Package	Weight Ounces
\$1.35	\$1.75	3-7/16	2-5/16	10	1



Fig. 958

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### DRAWER KNOBS—Fig. 925

Brass — Chromium Plated —  
For Drawers Up To 1-1/8" Thick

Each	Diameter Inches	Standard Package	Weight Ounces
\$1.15	1	10	1-1/2



Fig. 925

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### FLUSH PULLS—Fig. 1110

Die Cast Zamak — Chromium Plated — For Drawers, Sash Or Sliding Doors

Each	Dimensions Overall Inches	Depth Inches	Standard Package	Weight Ounces
\$2.25	3-11/16x1-11/16	7/16	10	3

Inside recessed for finger grip as illustrated.



Fig. 1110

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### COAT AND HAT HOOKS—Figs. 959 & 975

Chromium Plated

Fig.	Each	Projection Inches	Width Base Inches	Standard Package	Weight Ounces
959	\$1.00	2-1/4	1-3/16	10	1-3/4
975	.55	2	1-3/16	10	1



Fig. 959 Bronze  
Fig. 975 Zamak

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### WARDROBE HOOK—Fig. 635

Cast Brass — Chromium Plated

Each	Projection Inches	Width Inches	Standard Package	Weight Ounces
\$1.00	1-3/4	1-1/4	10	1-1/2



Fig. 635

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### WARDROBE HOOK—Fig. 1106

Cast Brass — Chromium Plated

Each	Projection Inches	Width Base Inches	Standard Package	Weight Ounces
\$1.00	1	1-3/16	10	1-1/2



Fig. 1106

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### UTILITY HOOK—Fig. 610

Cast Brass — Chromium Plated

Each	Projection Inches	Width Base Inches	Standard Package	Weight Ounces
\$ .80	1-1/8	1-3/16	20	1



Fig. 610

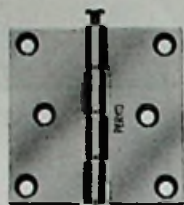


Fig. 1293

### BUTT HINGES—Fig. 1293

Zamak Die Castings — Chromium Plated  
Stainless Steel Removable Pin and Nylon Spacers —  
Smooth Operation

No.	Per Pair	Size Open Inches	For Screw No.	Weight Per Pair Ounces
1	\$2.20	1-1/2x1-1/2	8	2
2	2.30	2 x1-1/2	8	2-1/2
3	2.45	2 x2	8	3
4	2.55	2-1/2x2	8	4-1/2
5	3.10	2-1/2x2-1/2	8	5
6	3.45	3 x3	10	7-1/2

Standard Package, 5 Pairs.

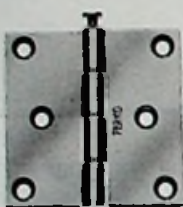


Fig. 952

### BRONZE BUTT HINGES—Fig. 952

Pressure Cast Silicon Bronze — Very Strong  
Stainless Steel Removable Pin

No.	Smooth Bronze Finish Per Pair	Polished Chromium Plated Per Pair	Size Open Inches	For Screw No.	Weight Per Pair Ounces
1	\$3.15	\$4.15	1-1/2x1-1/4	8	2
2	3.25	4.25	1-1/2x1-1/2	8	2-1/2
3	3.65	4.95	2 x1-1/2	8	2-3/4
4	4.20	5.60	2 x2	8	4
5	4.70	6.05	2-1/2x2	8	5
6	5.40	6.90	2-1/2x2-1/2	8	6-3/4
7	6.90	8.55	3 x3	10	9-1/2

Standard Package, 5 Pairs.



Fig. 120

### STRAP HINGES—Fig. 120

Pressure Cast Silicon Bronze — Stainless Steel Pin

No.	Burnished Per Pair	Chromium Plated Per Pair	Length Open Inches	Width At Pin Inches	Weight Per Pair Ounces
1	\$4.50	\$ 6.60	4	1-1/16	4
2	5.25	7.45	6	1-1/8	6
3	7.50	10.80	8	1-3/16	14

Standard Package, 5 Pairs.

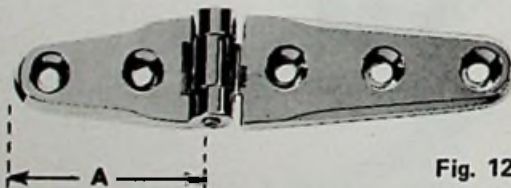


Fig. 122

### SHORTSIDE STRAP HINGES—Fig. 122

Pressure Cast Silicon Bronze — Stainless Steel Pin

Length Open Inches	Burnished Per Pair	Polished Bronze Per Pair	Chromium Plated Per Pair	Width Inches	Weight Per Pair Ounces
4-7/8	\$4.80	\$7.15	\$8.00	1-1/8	5

Dimension "A" to Center of Pin 2"  
Screw Size No. 10 — Standard Package, 5 Pairs.

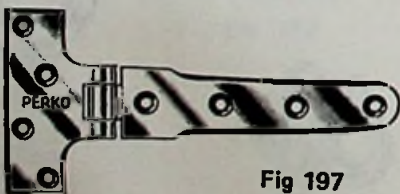


Fig 197

### "T" HINGES—Fig. 197

Cast Bronze — Stainless Steel Pin

No.	Burnished Per Pair	Chromium Plated Per Pair	Length Open Inches	Width Overall Inches	Weight Per Pair Pounds
1	\$ 5.20	\$10.75	4	2-1/8	1/2
2	6.35	12.00	6	3	7/8
3	10.45	17.45	8	3-7/8	1-1/2

Standard Package, 5 Pairs.



## CUDDY DOOR HINGES—Fig. 808

Zamak Die Castings — Chromium Plated — With Stainless Steel Pins

Per Pair	Length Open Inches	Extreme Width Inches	For Screw No.	Weight Per Pair Ounces
\$3.20	3	1-1/2	8	3-1/2

Standard Package, 5 Pairs.



Fig. 808



## HEAVY DUTY CUDDY DOOR HINGES—Fig. 951-PC

Pressure Cast Silicon Bronze — 18-8 Stainless Steel Pin  
Great Strength — Fine Finish

No.	Length Open Inches	Burnished Per Pair	Chromium Plated Per Pair	Width Inches	For Screw No.	Weight Per Pair Ounces
1	3	\$4.20	\$5.85	1-1/2	8	3-1/2
2	4	4.50	6.60	1-1/2	8	5-1/2

Standard Package, 5 Pairs.

For 5 Inch Size See Fig. 951-SC.



Fig. 951-PC



## HEAVY DUTY CABINET HINGES—Fig. 987

Surface Type — Pressure Cast Silicon Bronze  
18-8 Stainless Steel Pin

No.	Length Open Inches	Burnished Per Pair	Chromium Plated Per Pair	Width Inches	For Screw No.	Weight Per Pair Ounces
1	2-1/4	\$4.15	\$5.75	1-1/2	8	3-1/2
2	2-3/4	4.25	6.00	1-1/2	8	4

Dimension "A" — 9/16"

Standard Package, 5 Pairs.

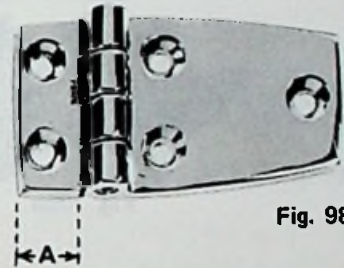


Fig. 987



## HEAVY DUTY CABINET HINGES—Fig. 988

3/8" Offset Type — Pressure Cast Silicon Bronze  
18-8 Stainless Steel Pin

No.	Length Open Inches	Burnished Per Pair	Chromium Plated Per Pair	Width Inches	For Screw No.	Weight Per Pair Ounces
1	2-1/4	\$4.20	\$5.85	1-1/2	8	4
2	2-3/4	4.40	6.15	1-1/2	8	5

Dimension "A" — 11/16"

Standard Package, 5 Pairs.

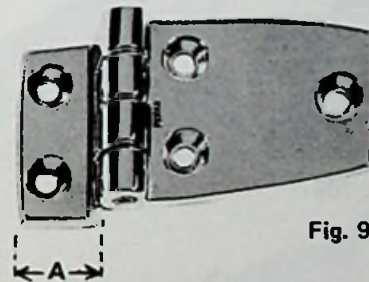


Fig. 988



## HEAVY DUTY SHORTSIDE HINGES—Fig. 999

Pressure Cast Silicon Bronze — 18-8 Stainless Steel Pin

Length Open Inches	Burnished Per Pair	Chromium Plated Per Pair	Width Inches	For Screw No.	Weight Per Pair Ounces
3-1/2	\$4.25	\$6.25	1-1/2	8	5

Dimension "A" — 1-5/16"

Standard Package, 5 Pairs.

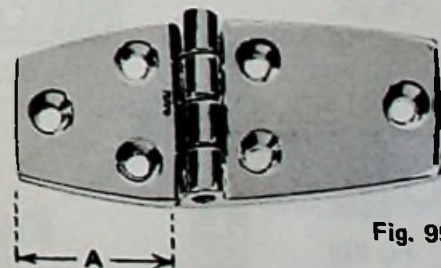


Fig. 999

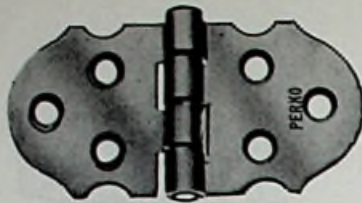


Fig. 950 Stainless Steel  
Fig. 924 Brass

### CUDDY DOOR HINGE—Fig. 950

18-8 Stainless Steel — Polished — Stainless Steel Pin  
Thickness .075 Inches

A good sturdy hinge strong enough for all doors but lightweight for cupboard and closet doors.

Per Pair	Length Open Inches	Width Inches	Diam. Pin Inches	Standard Package	Weight Per Pair Ounces
\$2.90	3	1-1/2	3/16	5 Pairs	3



### CUDDY DOOR HINGES—Fig. 924

Wrought Brass — Thickness .051 Inches — Stainless Steel Pin

Polished Brass Per Pair	Chromium Plated Per Pair	Length Open Inches	Extreme Width Inches	Standard Package	Weight Per Pair Ounces
\$2.10	\$2.40	3	1-1/2	10 Pairs	2-1/2



### CAST BRONZE CUDDY DOOR HINGE—Fig. 951-SC

Traditional Style — Stainless Steel Pin

Burnished Per Pair	Chromium Plated Per Pair	Length Open Inches	Width Inches	For Screw No.	Weight Per Pair Ounces
\$3.30	\$6.95	5	1-1/2	8	7

Standard Package, 5 Pairs.

Other Sizes see Fig. 951-PC



### BUTTERFLY HINGES—Fig. 1058

Wrought Brass

No.	Length Open Inches	Width at Pin Inches	Thickness Inches	Weight Per Pair Ounces
1	2-1/4	3/4	.040	1/2
2	3	1-1/16	.045	1-1/2

Standard Package, 20 Pairs.



### CABINET HINGES—Fig. 768

Brass — Chromium Plated — Offset Is 3/8 Inches

No.	Flush / Offset	Chromium Plated Per Pair	Size Open Inches	Gauge	Weight Per Pair Ounces
1	Flush	\$1.95	2-1/16x1-1/2	16	2
2	Offset	1.95	2-1/16x1-1/2	16	2

Standard Package, 10 Pairs.



### CABINET HINGES—Fig. 772

Brass — Chromium Plated — Flush Or Offset

Complete with screws. Offset is 3/8 inch.

No.	Flush / Offset	Chromium Plated Per Pair	Size Open Inches	Gauge	Weight Per Pair Ounces
1	Flush	\$3.80	2x1-1/2	14	2-1/2
2	Offset	3.80	2x1-1/2	14	2-1/2

Standard Package, 10 Pairs.



### FLAP HINGES—Fig. 929

Stainless Steel — Polished — Thickness .050 Inches

Per Pair	Length Open Inches	Extreme Width Inches	Standard Package	Weight Per Pair Ounces
\$1.60	2-1/16	3/4	20 Pairs	1

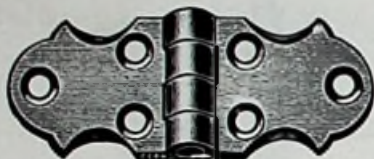


Fig. 951 SC



Fig. 1058

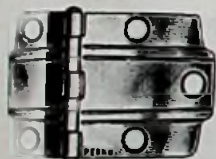


Fig. 768



Fig. 772

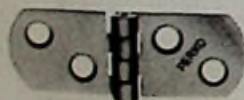


Fig 929



### "PULL-OUT" HINGE—Fig. 149

Cast Bronze

A useful and functional piece of hardware for use on motor box covers.

Plain Bronze Each	Chromium Plated Each	Length Inches	Width at Pin Inches	Standard Package	Weight Ounces
\$4.60	\$7.15	3-3/4	2	5	6-1/2

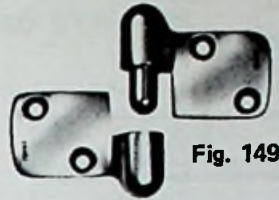


Fig. 149

### HATCH HINGES—Fig. 773

Cast Bronze

For use with flush hatch cover.

Burnished Per Pair	Chromium Plated Per Pair	Length Inches	Width Overall Inches	Weight Per Pair Pounds
\$11.50	\$21.75	3-1/8	2-5/8	1-5/8

Illustration shows one half pair.



Fig. 773

### "SEMI-CONCEALED" HINGE—Fig. 271

Wrought Brass — Chromium Plated

For use on doors with 3/8" inset.

Per Pair	Dimensions Overall Inches	Standard Package	Weight Per Pair Ounces
\$2.05	2-3/4x2-1/8	10 Pairs	2-1/2

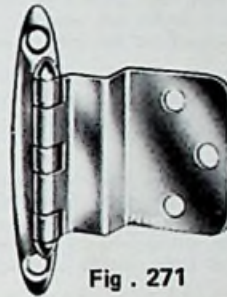


Fig. 271

### LADDER HINGES—Fig. 556

Cast Manganese Bronze — Chromium Plated

Per Pair	Length Open Inches	Width Inches	Standard Package	Weight Per Pair Ounces
\$9.65	5-3/4	3/4	5 Pairs	8

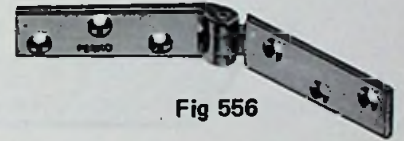


Fig. 556

### NEW SECURITY HINGED HASPS—Fig. 998

Pressure Cast Silicon Bronze  
18-8 Stainless Steel Pin

No.	Plain Bronze Each	Polished Bronze Each	Chromium Plated Each	Length Closed Inches	Width Inches	Weight Ounces
1	\$2.00	\$3.00	\$3.30	2	1	2
2	2.30	3.30	3.75	3	1	3

Standard Package, 10.



Fig. 998



### SECURITY HINGED HASPS—Fig. 979

Wrought Brass — 14 B. & S. Gauge

A lightweight but strong hasp. Ideal for lockers, cupboards, chests, etc.

Polished Brass Each	Chromium Plated Each	Length Closed Inches	Width Inches	Standard Package	Weight Ounces
\$1.50	\$1.95	2-7/8	1	10	1-1/4



Fig. 979

### SECURITY HINGED HASPS—Fig. 1198

Zamak Die Casting — Chromium Plated

No.	Each	Length Closed Inches	Width Inches	Standard Package	Weight Ounces
1	\$2.15	2	1	10	1-1/2
2	2.20	3	1	10	2-1/4
3	2.25	3-3/4	1	10	2-1/2

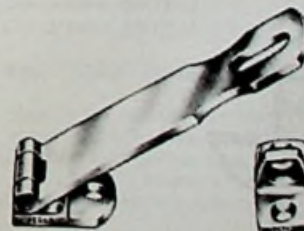


Fig. 1198



## CONTINUOUS OR PIANO HINGE—Figs. 211 & 212

For use on Hatch Covers, Locker Doors, Windshields, etc.  
Countersunk holes are two inches apart, center to center.



Brass, Chromium Plated — Fig. 211  
Stainless Steel, Polished — Fig. 212

### BRASS — FIG. 211

No.	Chromium Plated Each	Width Open Inches	Length Inches	Thickness Inches	For Screw No.	Weight Pounds
2	\$10.00	1-1/4	72	.040	5	1-1/2
4	11.00	1-1/2	72	.040	5	2
6	13.75	2	72	.045	6	2-1/2

Standard Package, 10 Pieces.

### STAINLESS STEEL — FIG. 212

Type No. 304, 18-8, Polished

No.	Each	Width Open Inches	Length Inches	Thickness Inches	For Screw No.	Weight Pounds
2	\$ 9.75	1-1/4	72	.040	6	1-1/3
4	11.50	1-1/2	72	.040	6	2

Standard Package, 10 Pieces.



## FLAT HATCH TRIM—Figs. 243 & 258

For finishing around edges of hatch. Drilled and countersunk off center for No. 6 flat head screws.



Brass, Chromium Plated — Fig. 243  
Stainless Steel, Polished — Fig. 258

### BRASS — FIG. 243

No.	Chromium Plated Each	Width Inches	Length Inches	Thickness Inches	Standard Package	Weight Pounds
2	\$7.50	1-1/4	72	.040	10	1
4	8.50	1-1/2	72	.040	10	1-1/2

### STAINLESS STEEL — FIG. 258

Type 304-18-8 — Polished

No.	Each	Width Inches	Length Inches	Thickness Inches	Standard Package	Weight Pounds
2	\$6.00	1-1/4	72	.040	10	1
4	6.50	1-1/2	72	.040	10	1-1/2



## RUBBER FENDER MOULDING—Fig. 158

Half Round — White

Per Foot	Width Inches	Thickness Inches	Weight Per 100 Ft. Pounds
\$ .50	1	1/2	30

Supplied only in 50 foot lengths.



## RUBBER DRIP MOULDING—Fig. 192

White Synthetic Rubber — Not Effected By Sun Or Weather

Per Foot	Height Inches	Extension Inches	Weight Per Length Pounds
\$.45	7/8	5/8	2

Supplied only in standard lengths of 10 feet.



Fig. 158



Fig. 192





## CLOUD FORMATIONS AND SYMBOLS

1. **Cirrus, (Ci.)**—Detached clouds, delicate and fibrous looking, taking the form of feathers, generally of a white color, sometimes arranged in belts which cross a portion of the sky in great circles, and, by an effect of perspective, converging toward one or two opposite points of the horizon.
2. **Cirro-Stratus, (Ci-S.)**—A thin, whitish sheet, sometimes completely covering the sky and only giving it a whitish appearance, or at others presenting, more or less distinctly, a formation like a tangled web. This sheet often produces halos around the sun and moon.
3. **Cirro-Cumulus, (Ci-Cu.)**—Small globular masses or white flakes, having no shadows, or only very slight shadows, arranged in groups and often in lines.
4. **Alto-Cumulus, (A-Cu.)**—Rather large globular masses, white or grayish, partially shaded, arranged in groups or lines, and often so closely packed that their edges appear confused. The detached masses are generally larger and more compact at the center of the group; at the margin they form into finer flakes. They often spread themselves out in lines in one or two directions.
5. **Alto-Stratus, (A-S.)**—A thick sheet of gray or bluish color, showing a brilliant patch in the neighborhood of the sun or moon, and which, without causing halos, may give rise to coronae. This form goes through all the changes like the Cirro-Stratus, but its altitude is only half as great.
6. **Strato-Cumulus, (S-Cu.)**—Large globular masses or rolls of dark cloud, frequently covering the whole sky, especially in winter, and occasionally giving it a wavy appearance. The layer of Strato-Cumulus is not, as a rule, very thick, and patches of blue sky are often visible through the intervening spaces. All sorts of transitions between this form and the Alto-Cumulus are noticeable. It may be distinguished from Nimbus by its globular or rolled appearance and also because it does not bring rain.
7. **Nimbus, (N.)**—Rain clouds; a thick layer of dark clouds, without shape and with ragged edges, from which continued rain or snow generally falls. Through the openings of these clouds an upper layer of Cirro-Stratus or Alto-Stratus may almost invariably be seen. If the layer of Nimbus separates into shreds or if small loose clouds are visible floating at a low level underneath a large Nimbus, they may be described as Fracto-Nimbus (Fr.-N.), the "scud" of sailors.
8. **Cumulus, (Cu.)**—Woolpack clouds; thick clouds of which the upper surface is domeshaped and exhibits protuberances, while the base is horizontal. When these clouds are opposite the sun the surfaces usually presented to the observer have a greater brilliance than the margins of the protuberances. When the light falls aslant, they give deep shadows; when, on the contrary, the clouds are on the same side as the sun, they appear dark with bright edges. The true Cumulus has clear superior and inferior limits. It is often broken up by strong winds, and the detached portions undergo continual changes. These may be distinguished by the name of Fracto-Cumulus (Fr.-Cu.).
9. **Cumulo-Nimbus, (Cu.-N.)**—The thunder-cloud or shower-cloud; heavy masses of clouds rising in the form of mountains, turrets, or anvils, generally having a sheet or screen of fibrous appearance above, and a mass of clouds similar to Nimbus underneath. From the base there usually fall local showers of rain or of snow (occasionally hail or soft hail).
10. **Stratus, (S.)**—A horizontal sheet of lifted fog; when this sheet is broken up into irregular shreds by the wind or by the summits of mountains, it may be distinguished by the name of Fracto-Stratus (Fr.-S.).
11. **Fracto-Stratus, (Fr.-S.)**—A horizontal sheet of lifted fog broken into irregular shreds by wind or the summits of mountains.
12. **Fracto-Cumulus, (Fr.-Cu.)**—Cumulus, when broken up by strong winds, undergo continued changes. These are distinguished by the name of Fracto-Cumulus (Fr.-Cu.).

### RULES OF THE ROAD

- A power boat gives way to a sail boat except when being overtaken.
- Power boats meeting head on pass portside to portside, unless signaled otherwise.
- Any vessel being overtaken by another has the right of way.
- Any vessel having right of way shall hold her course and speed, unless such action would cause a collision.
- The danger zone is from dead ahead to two points abaft the starboard beam.
- Any power boat having another in its danger zone shall give way to the other and shall, if necessary, alter course, slacken speed, stop or reverse.
- A vessel (under 65 ft.) using both sail and power, acts as a power boat by day, but as a sail boat by night.
- A sail boat running free gives way to the one close hauled.
- A sail boat running free with the wind on the port, gives way to one running free with the wind on the starboard.
- A sail boat close hauled with wind on the port, gives way to one close hauled with wind on the starboard.
- When two sail boats are running alike, the one to the windward gives way.

### WHISTLE SIGNALS FOR POWER BOATS

- A vessel's rights cannot be altered by whistle signals, the one which whistles first gains no rights over another, cross signals are unlawful.
- If the signal is correct for the circumstances. answer it, if it is not give the danger signal, stop, and come to an understanding.
- 1—Short blast—I wish to leave you on my port.
- 2—Short blasts—I wish to leave you on my starboard.
- 3—Short blasts—My engines are going astern. I am doing my best to stop.
- 4—Short blasts—Danger, stop, your signals are not clear or are not satisfactory to me.
- 4—Long blasts—Raise the bridge.
- Whistle signals are never given to or by a sail boat.

### FOG SIGNALS FOR POWER BOATS

- 1—Long blast—I am under way.
- 1—Long and 2 Short blasts—I am towing something.

### FOR HORN SIGNALS FOR SAIL BOATS

- 1—Short blast—I am on the starboard tack.
- 2—Short blasts—I am on the port tack.
- 3—Short blasts—I am running free.
- 1—Long and 2 Short blasts—I am being towed (any vessel).
- Rapid bell—I am at anchor (any vessel).





# FISHING EQUIPMENT

**PERKO**



BOOKLET NO. 210-A

**FOR SPORT FISHING BOATS**

MANUFACTURED BY PERKINS MARINE LAMP & HARDWARE CORP., 16490 N.W. 13TH AVE., P.O. BOX D, MIAMI, FLORIDA 33164

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**NEW**



Fig. 460

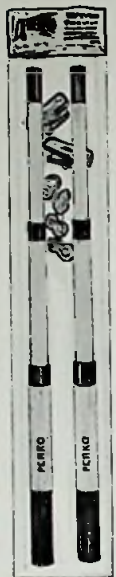


Fig. 476

### TELESCOPIC FIBERGLASS OUTRIGGERS—Fig. 460

Hollow — Tapered — With Reinforced Joints  
 This sturdy model is impervious to heat, cold, moisture and sun. Each section is fully tapered. Joints are reinforced to prevent splitting. They bind together tightly yet are easily disengaged. Base and tip are equipped with plugs.

No.	Per Pair	Diameter Base Inches	Overall Length Open Feet	Overall Length Closed Inches	Number of Sections	Weight Pounds
3	\$38.00	1-1/8	15	66	3	2-1/2
4	80.00	1-7/8	20	99	4	6-1/2

**RECOMMENDED FOR SIZE BOAT**  
 No. 3 — 16 to 25 feet  
 No. 4 — 26 to 39 feet



### NEW FIBERGLASS OUTRIGGER KIT — Fig. 476

Fig. 460 No. 3 Now Available in Vinyl See-Thru Package For Easy Display. Kit consists of 1 pr. Fig. 460 Poles — 2 Fig. 469 Clips — 1 Set Fig. 468A Guides.

\$47.00 Per Kit

**NOTE**—Due to design of shipping carton Fig. 476 is sold only in lots of 3 kits.



### OUTRIGGER TROLLING PIN OR CLIP—Fig. 469

High Impact Plastic — Orange Color — Stainless Steel Eyes and Spring — All Salt Water Resistant — High Visibility

Each	Dimensions Inches	Standard Package	Weight Ounces
\$1.40	3-1/2x1-1/2	10	2-1/4

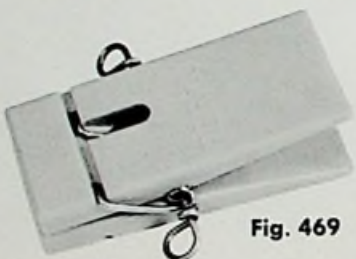


Fig. 469



### ADJUSTABLE TENSION TROLLING PIN—Fig. 454

High Impact Plastic — Orange Color — Stainless Steel Bolt, Washer and Spring — Chrome Plated — Brass Wing Nut

To meet the need for a pin which can be adjusted in accordance with the type of fishing planned.

Each	Length Inches	Width Inches	Standard Package	Weight Ounces
\$2.75	3-1/2	1-1/2	6	2-1/2

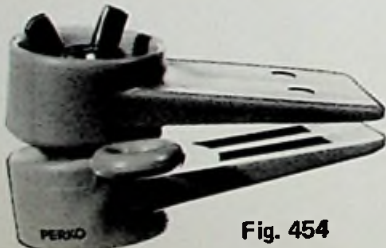


Fig. 454



### OUTRIGGER POLE LINE GUIDES—Fig. 468

White Nylon — Stainless Steel Headless Set Screw

For use with our Fig. 460 Outriggers

- Set A — For No. 3 Outriggers, per set ..... **\$6.35**  
 Consists of 2 each Nos. 1-2-3-4
- Set B — For No. 4 Outriggers, per set ..... **\$7.25**  
 Consists of 2 each Nos. 2-3-5-6

No.	Each	I.D. Ring Inches	I.D. Guide Inches	Weight Ounces
1	\$ .70	9/16	1/2	1/4
2	.70	3/4	1/2	1/4
3	.95	1	1/2	1/4
4	.95	1-1/8	1/2	1/4
5	1.05	1-1/4	1/2	5/16
6	1.05	1-5/8	1/2	5/16

Standard Package, 6 Pieces.



Fig. 468



**OUTRIGGER POLE HOLDERS**

BRONZE CHROMIUM PLATED

An Easy to Use Yet Effective Outrigger Pole Holder. Use by Lifting Holder and Turning For 3 Different Positions — Vertical, Fishing, and Lowered for Bridges.

**SIDE MOUNT—Fig. 444**

Fits Fig. 460 No. 3

Complete Per Pair	Spare Plates Each	Spare Holders Each	Inside Diameter Tube Inches	Dimensions Plate Inches	Weight Per Pair Pounds
\$53.50	\$16.00	\$11.00	1-1/8	5x2-1/2	5-3/4



Fig. 444

**DECK MOUNT—Fig. 451**

No. 1 Fits Fig. 460 No. 3  
No. 2 Fits Fig. 460 No. 4

No.	Complete Per Pair	Spare Plates Each	Spare Holders Each	Inside Diameter Tube Inches	Dimensions Plate Inches	Weight Per Pair Pounds
1	\$ 48.50	\$13.25	\$11.00	1-1/8	5x2-1/2	5-1/2
2	132.50	33.50	32.75	1-7/8	8x4-1/2	20

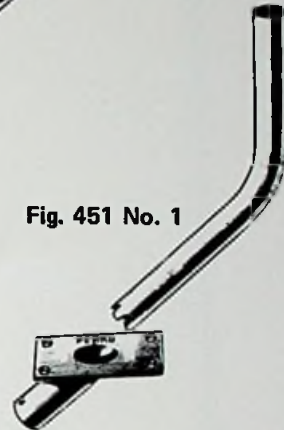


Fig. 451 No. 1

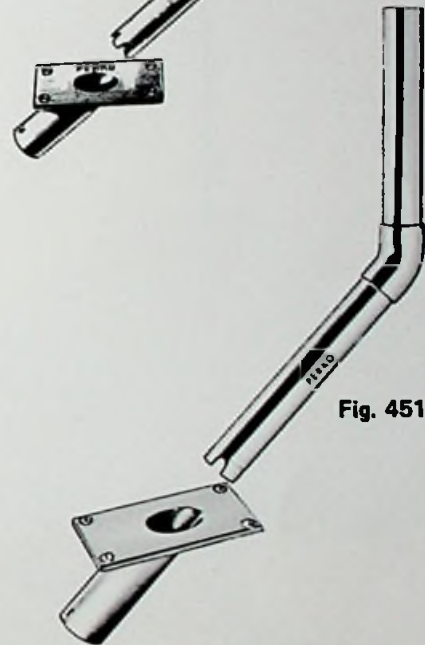


Fig. 451 No. 2

A pair consists of 2 plates and 2 holders.  
Spare "Holders Only" Specify Port or Starboard.

**HEAVY DUTY OUTRIGGER POLE HOLDERS—Fig. 445**

Heavy Brass Tubing — Cast Bronze Fittings — All Chromium Plated

The sliding clamp and large strong knob provide quick adjustment of angle for fishing, cruising or passing under bridges, a folding hook is supplied for supporting the holder when in down position.

No.	Per Pair	Inside Diameter Outrigger Tube Inches	Length Outrigger Tube Inches	Weight Per Pair Pounds
1	\$205.00	1-7/8	18-1/2	18-1/2
2	220.00	1-7/8	33-1/2	22

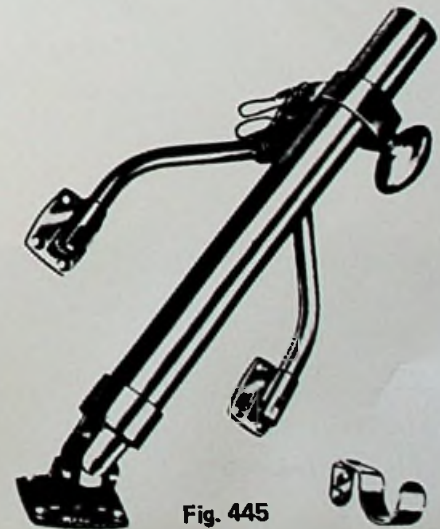


Fig. 445

No. 1 will support poles about 20 feet long, i.e. Fig. 460 No. 4  
No. 2 for poles about 25 or more feet long.

# PERKO

FIG. 468  
LINE GUIDES

Fig. 460 POLE

FIGS. 454 OR 469  
CLIP - PIN

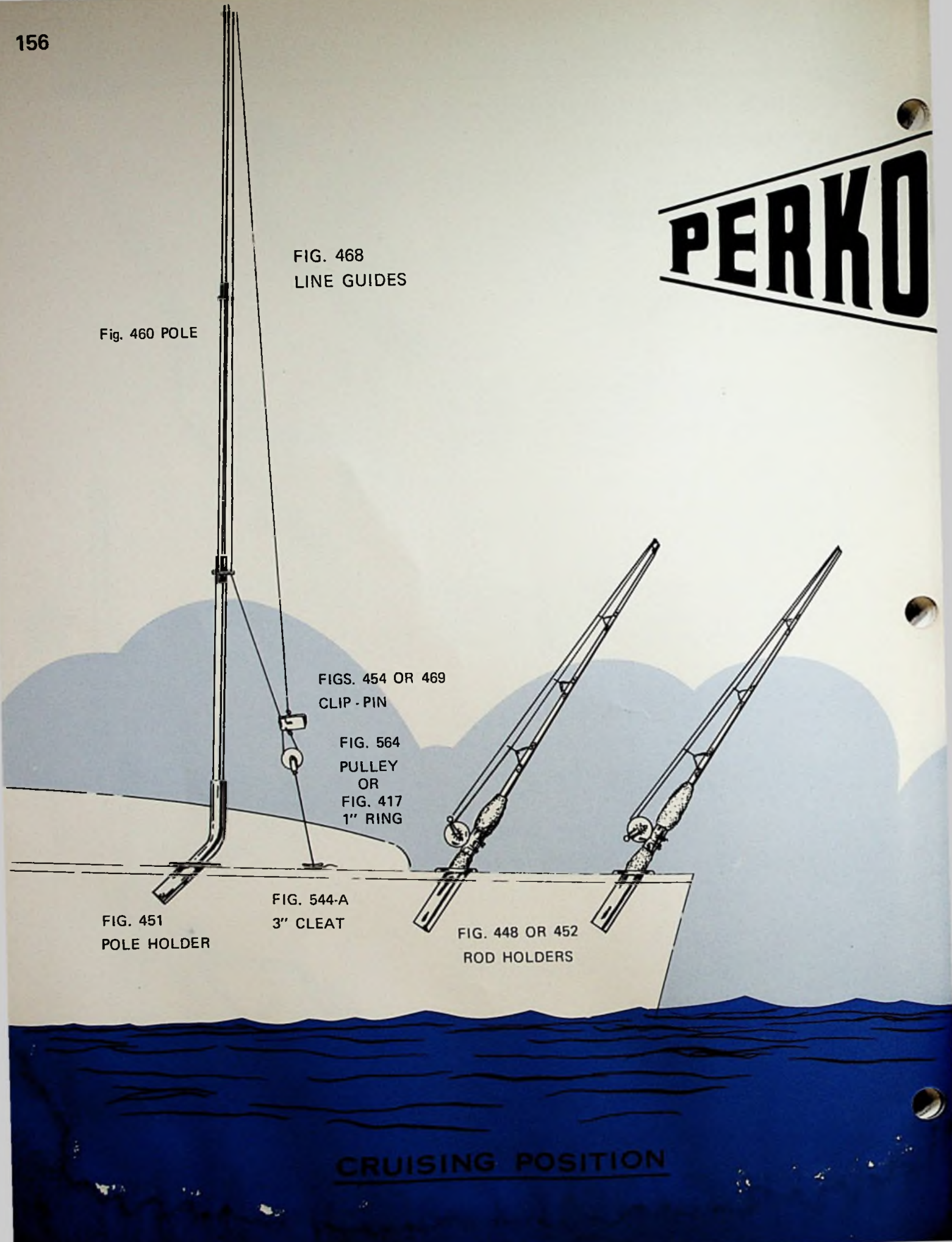
FIG. 564  
PULLEY  
OR  
FIG. 417  
1" RING

FIG. 544-A  
3" CLEAT

FIG. 451  
POLE HOLDER

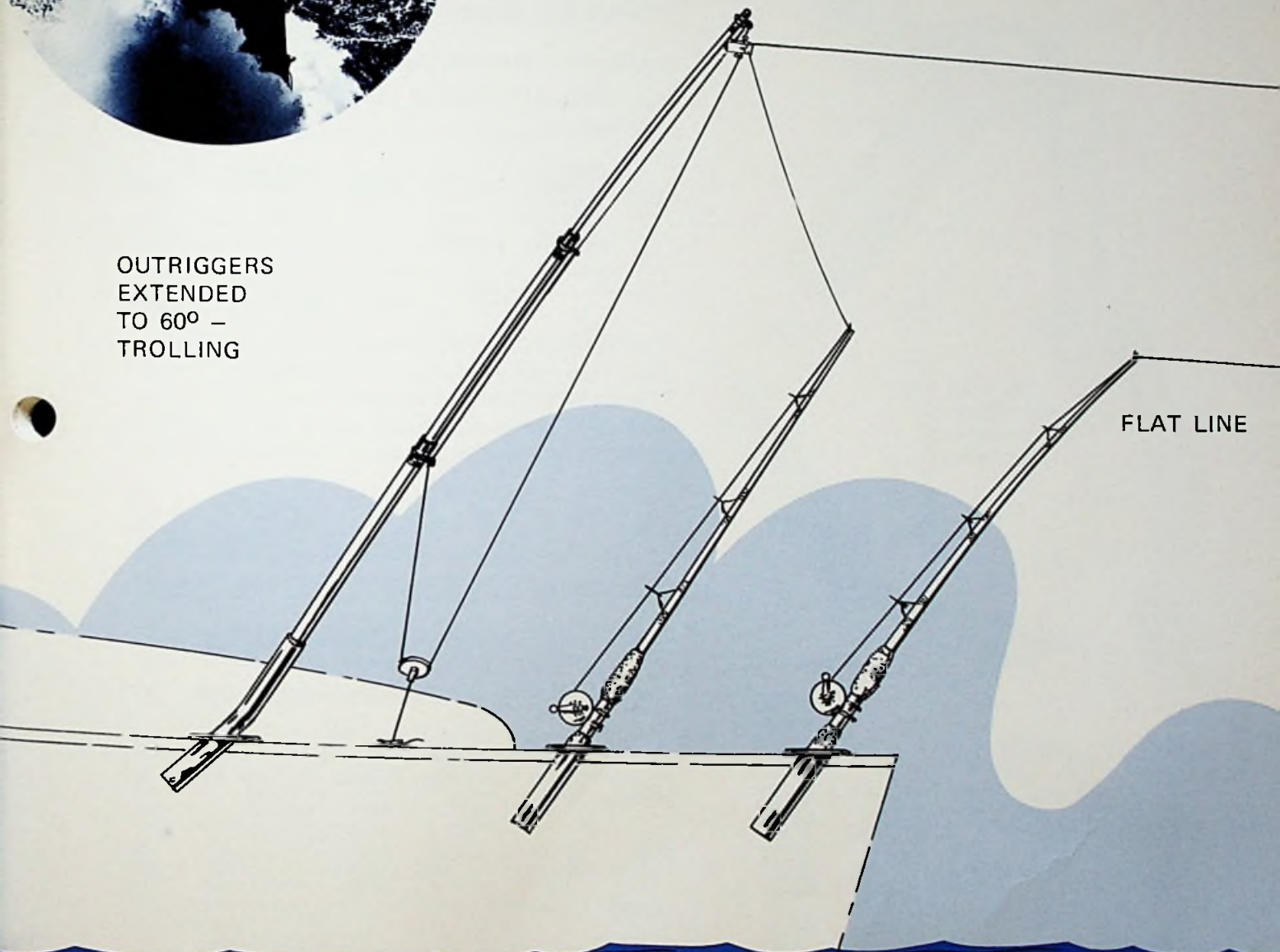
FIG. 448 OR 452  
ROD HOLDERS

CRUISING POSITION





OUTRIGGERS  
EXTENDED  
TO 60° -  
TROLLING



FLAT LINE

TROLLING POSITION



Fig. 452



Fig. 448



Fig. 449

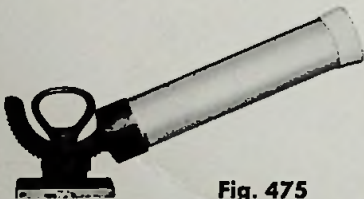


Fig. 475

## STAINLESS STEEL FISHING ROD HOLDERS—Fig. 452

18-8 SS — Polished

Complete with Vinyl Liner and Cross Bar for butt of pole. Also a heavy under-flange gasket.

No.	Each	Inside Diameter Inches	Length Overall Inches	Flange Dimensions Inches	Weight Pounds
1	\$9.35	1-5/8	9	4-1/8x3-3/8	1

## FISHING ROD HOLDERS—Fig. 448

Cast Bronze — Chromium Plated

For mounting in covering board or catwalk. Has white polyvinyl liner.

No.	Chromium Plated Each	Inside Diameter Inches	Length Overall Inches	Flange Dimensions Inches	Weight Pounds
1	\$13.75	1-5/8	9	4 x3-1/8	1-1/2
3	17.75	1-3/4	11	5-1/8x4	2-1/4

## FISHING ROD HOLDERS—Fig. 449

Heavy Brass Tubing — Manganese Bronze Castings  
Chromium Plated — With White Vinyl Lip

Adaptable to any desired part of the boat, this holder is easily removed when not in use, leaving no projecting hardware.

Complete Each	Spare Mounting Brackets Each	Inside Diameter Holder Inches	Dimensions Mounting Bracket Inches	Weight Complete Pounds
\$21.00	\$4.65	1-3/4	4x3-3/4	2

## ADJUSTABLE FISHING ROD HOLDERS—Fig. 475

Heavy Brass Tubing — Manganese Bronze Castings — With White Vinyl Lip.

May be adjusted quickly to any desired angle or position vertically and horizontally. Locked by large thumb bolt illustrated.

Plain Finish Each	Chromium Plated Each	Inside Diam. Socket Inches	Length Socket Inches	Dimensions Base Inches	Weight Pounds
\$22.00	\$37.00	1-3/4	9-1/2	3-5/8x2-1/4	3-3/4

## BASE GUIDES FOR OUTRIGGER LINES

Brass Rings  
Fig. 417



Fig. 417

Stainless Steel Pulley With White Nylon Sheave  
Fig. 564-F



Fig. 564-F

No.	Each	Inside Diameter	Length Overall Inches	Diameter Sheave Inches
3	\$.30	1	3	1-3/4
4	.35	1-1/4		





### FISHING ROD HOLDERS—Fig. 1100

Brass — Chromium Plated — With White Vinyl Lip

Complete Each	Brackets Only Per Pair	Inside Diam. Inches	Length Overall Inches	Width Bracket Inches	Weight Oz.
\$6.90	\$2.45	1-3/4	9	3	16



### VINYL FISHING ROD HOLDERS—Fig. 1104

With Chromium Plated Brass Brackets

Each	Length Overall Inches	Inside Diameter Inches	Outside Diameter Inches	Width Bracket Inches	Weight Ounces
\$4.15	9	1-3/4	2	3-1/4	12

Spare Brackets, \$2.45 Per Pair



### HEAVY DUTY FISHING ROD HOLDERS—Fig. 1107

Brass Tube — Cast Bronze Brackets — Chromium Plated

Complete Each	Length Overall Inches	Inside Diameter Inches	Width Mounting Bracket	Weight Pounds
\$17.35	10-1/2	1-7/8	4-5/16	2-1/2

Supplied complete with gray polyvinyl liner, full length.



### FISHING ROD RACKS—Figs. 591 and 592

18-8 Stainless Steel — Rods Protected by Rubber Inserts in Clamp

Made to hold 4 rods. Fig. 592 is flexible to fit curve of bulkhead. Space behind is useful to store charts, rules, protractors, etc.

Fig.	Per Pair	Length Overall Inches	Weight Per Pair Ounces
591	\$ 9.20	12	5
592	10.35	15	6



### RUBBER LINERS FOR FISHING ROD HOLDERS—Fig. 648

Each	Length Inches	Outside Diameter Inches	Inside Diameter Inches	Weight Ounces
\$3.85	9	1-3/4 to 2	1-1/2 to 1-3/4	6-1/2



### POLYVINYL LIPS AND LINERS FOR FISHING ROD HOLDERS

Fig.	Size No.	Each	Inside Diameter Inches	Outside Diameter Inches	Length Inches	Weight Ounces
483		\$.85	1-3/4	2-1/4	1	1/2
484		1.95	1-7/8	2-1/8	11-1/2	10
487	0	1.40	1-5/8	1-7/8	8-1/4	4-1/2
487	1	1.40	1-5/8	1-7/8	8-1/8	5-1/2
487	3	1.95	1-3/4	2-3/32	10-1/2	8

Fig. 483 fits Figs. 449, 475 and 1100  
 Fig. 484 fits Fig. 1107  
 Fig. 487 No. 0 fits Fig. 452  
 Fig. 487 No. 1 fits Fig. 448 No. 1  
 Fig. 487 No. 3 fits Fig. 448 No. 3



### SOLID BASE CLEATS—Fig. 544-A

Cast Bronze — For Outrigger Line

Length Inches	Polished Bronze Each	Chromium Plated Each	For Screw No.	Packed Per Box	Weight Ounces
3	\$2.30	\$2.45	8	10	2-1/2
4	2.75	3.00	10	10	4



Fig. 1104

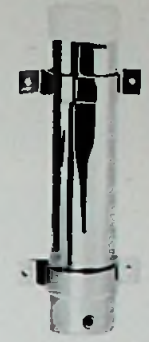


Fig. 1100

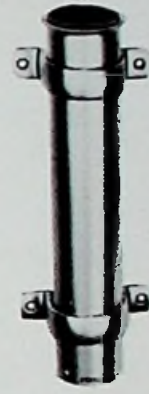


Fig. 1107



Fig. 591



Fig. 592



Fig. 648



Fig. 484 Gray



Fig. 483 White



Fig. 487 White

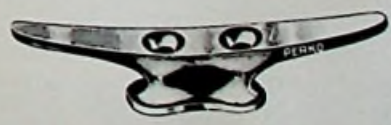


Fig. 544-A



## THE USAGE OF OUTRIGGERS

by "Hank" Gartner

Outriggers for sport fishing boats were devised some time ago when it was observed that many members of the billfish family would strike sharply at a trolled bait, literally destroying it, then proceed on their way without getting hooked. With the use of outriggers, the fishing line after leaving the rod tip leads to the "trolling pin" in its raised position.

The line after leaving the pin proceeds aft to the proper position in the wake of the boat that the captain deems best to give the proper trolling action to the bait being trolled whether it be mullet, balao, squid, line bait, etc.

Using outriggers, the fish after striking vigorously at the trolled bait releases the line from the pin permitting a slack loop of line, which in turn lets the struck bait lie motionless in the water.

In theory, the fish believing his prey stunned, grabs the bait and attempts to make off with it. When the fish runs out of the slack loop of line and is brought up by that taut line, theoretically he should be hooked.

Outriggers with their "trolling pin," lead lines and guides should be installed on the boat as indicated in the accompanying diagrams (See center spread). Modifications may be necessary to accommodate each individual owner's boat. It is recommended to have the top guide (Perko Fig. #468) a few inches down from the extreme tip of the pole, this precludes the possibility of the pin wrapping around and tangling on the pole.

Should the owner wish to install dual pins they should be approximately 3' apart on the same lead line.

Outrigger poles (Perko Fig. #460, #3 & #4) should be parallel when in their vertical position. To accomplish this, it may be necessary to build up the deck under the bases of the outrigger pole holders with small teak wedges or fiberglass putty.

The small cleats (Perko Fig. #544-A-3") should be secured aft of the outrigger base, thus keeping the "trolling pin" line clear of the outrigger pole and the return line.

**PERKINS MARINE LAMP & HARDWARE CORP.**  
16490 NORTHWEST 13TH AVENUE • P.O. BOX D • MIAMI, FLORIDA 33164

# PERKO

## SKIN-PACKED ITEMS

BOOKLET NO. 210-B



**PERKINS MARINE LAMP & HARDWARE CORPORATION**  
16490 NORTHWEST 13th AVENUE  
P.O. BOX D, MIAMI, FLORIDA 33164

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Fig. 1218 SP

"RANGER" COMBINATION BOW LIGHT—Fig. 1218 SP  
Zamak Die Casting — Chromium Plated — Red and Green  
Fresnel Lenses — Rebulbing Feature — Double Contact  
Electric Socket — With 12 Volt, 6 C.P. Bulb

Each	Height Inches	Size Base Inches	Height Lens Inches	Staff Socket Inches	Weight Per Package Pounds
\$7.40	3-1/2	6-1/4x3-7/8	2-1/2	3/4	4

Dealer Package 3 pieces.



Fig. 1146 SP

"LITTLE JOE" COMBINATION BOW LIGHT—Fig. 1146 SP  
Zamak Die Casting — Chromium Plated — With 12 Volt, 2  
C.P. Bulb

Each	Height Inches	Base Inches	Height Lens Inches	Staff Socket Inches	Weight Per Package Pounds
\$5.80	2-1/4	4-1/2x2-3/8	1-7/8	1/2	1-3/4

Dealer Package 3 pieces.



Fig. 1230 SP

FLAG STAFF—Fig. 1230 SP

Ultra Modern Dynaform Taper Design — Zamak Die Cast —  
Chromium Plated

Neoprene Rubber "O" Ring in base for holding in Flag Pole  
socket.

Each	Length Overall Inches	Diameter Base Inches	Weight Per Package Pounds
\$3.60	14	3/4	3-3/4

Dealer Package 6 pieces.



Fig. 217 SP

ELECTRIC CABIN FIXTURE—Fig. 217 SP

MEDIUM SCREW SOCKET

Zamak Die Casting — Chromium Plated

Each	Size Base Inches	Projection Less Lamp Inches	Weight Per Package Pounds
\$3.15	2-1/2x2-1/4	2-1/2	3-1/2

Dealer Package 6 pieces.



Fig. 33 SP



Fig. 34 SP

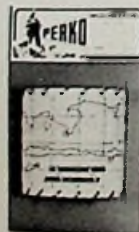


Fig. 36 SP

MARINE SHIELDS FOR FIXTURES—

Figs. 33 SP, 34 SP, 36 SP

The latest nautical designs — Suitable for hanging and  
upright bulb

Painted Each	Width Inches	Height Inches	Weight Per Package Pounds
\$3.10	4-1/2	4-5/8	2

Dealer Package 6 pieces.



## IMPROVED SAFETY MAIN SWITCH—Fig. 85-A SP

Red Lexan Plastic Housing — Vapor Tight — Bakelite Control Knob — Copper Contacts — Brass Terminals — Stainless Steel Spring.

For Use With Alternators or Generators.

Rated at 210 amperes continuous, 315 amperes intermittent. (6, 12, and 32 volts)

Supplied for flush mounting with battery cable through bulkhead.

Tested and accepted for labeling and listing by the Yacht Safety Bureau, Inc.

For 2 or more batteries.



Fig. 85-A SP

Each	Diameter Inches	Depth Inches	Weight Per Package Pounds
\$15.75	5	1-3/4	4

Dealer Package 3 pieces.



## PUSH AND PULL SWITCHES—Fig. 105 SP

All Brass — 3/4 Inch Knob — 20 Amp.

No.	Chromium Plated Each	Diam. Neck Inches	For Wood Thickness Inches	Length Overall Inches	Diam. Knob Inches	Weight Per Package Pounds
1	\$2.25	3/8	1	3	3/4	3

Dealer Package 12 pieces.

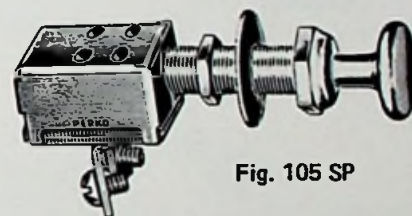


Fig. 105 SP



## MOMENTARY STARTER SWITCH OR DASHBOARD HORN BUTTON—Fig. 255 SP

All Brass — Push Button Type — 2 Point, 2 Terminal Spring Action — Chromium Plated Button — 20 Amp.

No.	Each	Diameter Neck Inches	For Wood Thickness Inches	Weight Per Package Pounds
1	\$2.65	5/8	1	3

Dealer Package 6 pieces.

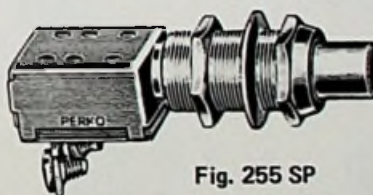


Fig. 255 SP



## IGNITION LOCK SWITCH—Fig. 316 SP

Brass — Face Plate Chromium Plated — 2 Terminal — 2 Keys — 30 Amp.

No.	Each	Diameter Neck Inches	Length Neck Inches	Weight Per Package Pounds
1	\$3.45	3/4	3/4	2

Dealer Package 6 pieces.

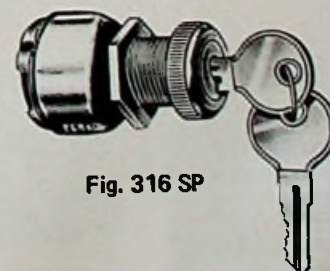
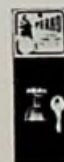


Fig. 316 SP

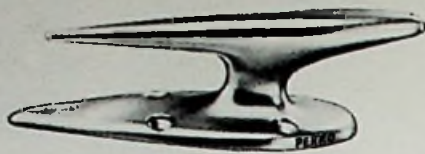
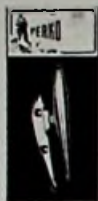
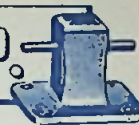


Fig. 566 SP

**STREAMLINE CLEATS—Fig. 566 SP**  
Zamak Die Castings — Chromium Plated

Length Inches	Per Pair	Size Base Inches	For Diam. Rope Inches	Weight Per Package Pounds	Dealer Package
2	\$1.75	2-3/16x1-1/8	5/16	3-1/2	12 Prs.
3	2.30	3-1/8 x1-1/2	3/8	5-1/2	12 Prs.
4-1/2	\$1.80	4-7/16x1-7/8	1/2	8-1/2	12 Pcs.
6	2.70	5-1/2 x2	3/4	13	12 Pcs.

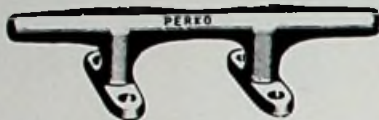
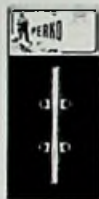


Fig. 1188 SP



**YACHT CLEATS—Fig. 1188 SP**  
Zamak Die Castings — Chromium Plated

Length Inches	Each	Width Base Inches	Weight Per Package Pounds	Dealer Package
4	\$2.50	1-5/8	2-1/2	6 Pcs.
6	2.90	1-3/4	4	6 Pcs.



Fig. 1250 SP

**MODERN DESIGN CLEATS—Fig. 1250 SP**  
Zamak Die Castings — Chromium Plated

Length Inches	Per Pair	Size Base Inches	For Diam. Rope Inches	Weight Per Package Pounds	Dealer Package
3	\$2.50	1-1/2x1-1/4	3/8	2-1/2	6 Prs.
4-1/2	\$1.95	1-7/8x1-1/2	1/2	3	6 Pcs.
6	2.85	2-1/4x2-1/8	3/4	5	6 Pcs.

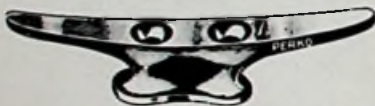


Fig. 544A SP



**SOLID BASE CLEAT—Fig. 544A SP**  
Cast Bronze — Chromium Plated

Length Inches	Each	For Screw No.	Weight Per Package Pounds
4	\$3.40	10	2-1/2

Dealer Package 6 pieces.

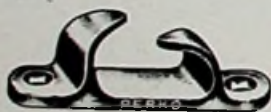


Fig. 1223 SP



**SKENE BOW CHOCKS—Fig. 1223 SP**  
Zamak Die Casting — Chromium Plated

Per Pair	Length Overall Inches	Width Base Inches	For Diam. Rope Inches	Weight Per Package Pounds	Dealer Package
\$1.80	3-1/2	7/8	1/2	4-1/2	12 Prs.



Fig. 1253 SP

**MODERN DESIGN BOW CHOCKS—Fig. 1253 SP**  
Zamak Die Castings — Chromium Plated

Per Pair	Length Overall Inches	Width Base Inches	For Diam. Rope Inches	Weight Per Package Pounds	Dealer Package
\$2.40	4	13/16	1/2	3-1/2	6 Prs.



### BOW CHOCKS—Fig. 546 SP Cast Bronze — Chromium Plated

Length Inches	Per Pair	For Screw No.	Weight Per Package Pounds
4	\$6.45	10	4

Dealer Package 6 pair.

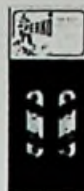


Fig. 546 SP

### STERN CHOCK—Fig. 119 SP Cast Bronze — Chromium Plated

Length Inches	Each	For Screw No.	Weight Per Package Pounds
4	\$5.15	8	2-1/2

Dealer Package 6 pieces.



Fig. 119 SP

### TRANSOM DRAIN PLUGS—Fig. 414 SP For Outboard Boats — Plain Brass — With Safety Chain

To tighten plug, raise handle to position illustrated. Remove plug while boat is in motion and water will drain out. Install in lowest part of transom. Watertight when closed.

No.	Each	Diam. Tube Inches	Length Overall Inches	Length Tube Inches	Weight Per Package Pounds
1	\$2.45	1	2-1/2	2	4

Dealer Package 12 pieces.



Fig. 414 SP

### CLAM SHELL VENTILATOR—Fig. 339 SP Brass — Chromium Plated

Beautifully styled to enhance the appearance of any boat. Bored and countersunk for No. 6 screw.

Each	Width Opening Inches	Height Opening Inches	Base Dimensions Inches	Weight Per Package Pounds
\$3.85	2-1/2	1-5/8	4x3-3/4	4

Dealer Package 6 pieces.



Fig. 339 SP

### MIDGET CLAM SHELL VENTILATOR—Fig. 315 SP 18-8 Stainless Steel — Polished

Here's a streamlined, midget ventilator with many uses including shielding gas tank vents.

No.	Each	Base Dimensions Inches	Height Opening Inches	Weight Per Package Pounds
2	\$1.05	2 x 2	9/16	1-1/2

Dealer Package 12 pieces.



Fig. 315 SP

### LOCKER VENTILATORS—Fig. 330 SP 18-8 Stainless Steel - Polished

No.	Each	Diameter Inches	For Screw No.	Weight Per Package Pounds
2	\$1.20	3-1/4	6	1-1/2

Dealer Package 12 pieces.



Fig. 330 SP

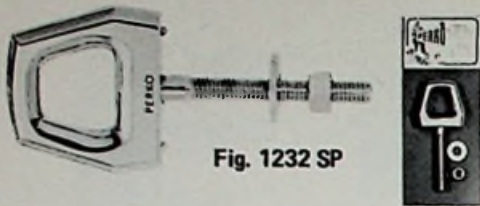


Fig. 1232 SP

**BOW EYES—Fig. 1232 SP**

Die Cast Zamak Eye — Chromium Plated — Forged Steel Shank, Nut and Washer

No.	Each	Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Inside Eye Inches	Weight Per Package Pounds
1	\$2.20	3	2-1/2	3/8	1	4

Dealer Package 6 pieces.

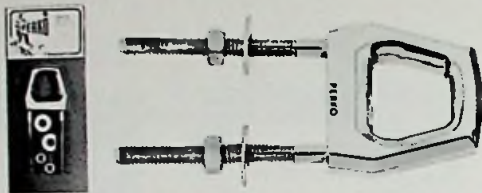


Fig. 1235 SP

**BOW EYES—Fig. 1235 SP**

Die Cast Zamak Eye — Chromium Plated — Forged Steel Shanks, Nut and Washer — Shanks Are One Continuous "U" Bolt Cast Inside Eye

No.	Each	Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Inside Eye Inches	Weight Per Package Pounds
1	\$2.35	3	2-3/4	5/16	1	4-1/4

Dealer Package 6 pieces.

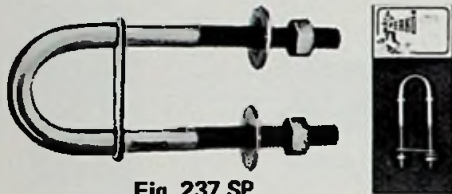


Fig. 237 SP

**BOW EYES—Fig. 237 SP**

18-8 Stainless Steel — Polished

No.	Each	Length Shank Inches	Diameter Metal Inches	Length Thread Inches	Inside Eye Inches	Weight Per Package Pounds
1	\$3.00	3	5/16	2-1/16	1	2

Dealer Package 6 pieces.

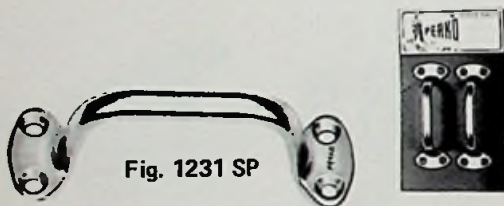


Fig. 1231 SP

**ROUND GRIP TRANSOM HANDLE—Fig. 1231 SP**

Zamak Die Casting — Chromium Plated

Per Pair	Length Overall Inches	Length Inside Inches	Height Inside Inches	For Screw No.	Weight Per Package Pounds
\$3.15	6	3-1/2	1-5/16	10	6-3/4

Dealer Package 6 pairs.



Fig. 775-SP

**TRANSOM HANDLES—Fig. 775 SP**

Silicon Bronze — Chromium Plated

No.	Per Pair	Length Overall Inches	Length Inside Inches	Weight Per Package Pounds
2	\$7.25	5-3/4	3-3/4	4

Dealer Package 6 pairs.

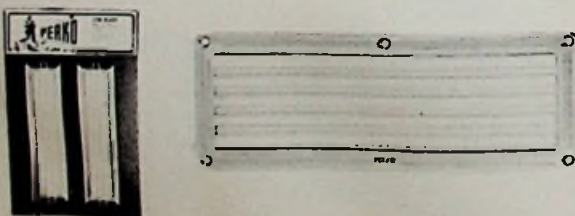


Fig. 1225 SP

**STEP PLATES—Fig. 1225 SP**

Zamak Die Casting — Chromium Plated — With White Moulded Rubber Step Pads

No.	Complete Per Pair	Overall Dimensions Inches	For Screw No.	Weight Per Package Pounds
0	\$3.95	8-3/8x2-1/4	6	3
1	4.75	8-3/4x3-1/4	6	4-3/4

Dealer Package 3 pairs.





### IMPROVED SWIVEL EYE PULLEYS—Fig. 565 SP

All 18-8 Stainless Steel except the sheave which is white nylon.

Complete Per Pair	Length Overall Inches	Diam. Sheave Overall Inches	Length Strap Inches	Weight Per Package Pounds
\$3.00	3-3/4	2-3/8	1-5/8	4-1/2

Dealer Package 12 pairs.



Fig. 565 SP

### IMPROVED SNAP HOOK PULLEYS—Fig. 634 SP

All 18-8 Stainless Steel except the sheave which is white nylon.

Complete Per Pair	Length Overall Inches	Snap Throat Opening Inches	Diam. Sheave Overall Inches	Weight Per Package Pounds
\$3.75	4-5/8	1/2	2-3/8	5-1/4

Dealer Package 12 pairs.



Fig. 634 SP

### TILLER ROPE TIGHTENERS—Fig. 732 SP

Cadmium Plated Steel Per Pair	Stainless Steel Per Pair	Normal Length Inches	Length Compressed Inches	Outside Diameter Inches	Weight Per Package Pounds
\$1.20	\$2.30	4	5	1-1/16	5-1/2

Dealer Package 12 pairs.

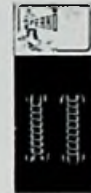
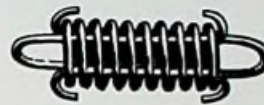


Fig. 732 SP

### TILLER ROPE CLAMPS—Fig. 1226 SP

Zamak Die Castings — Chromium Plated

Per Pair	For Rope Diam. Inches	Length Inches	Width Inches	Weight Per Package Pounds
\$1.10	1/8 & 3/16	1-1/4	11/16	2-1/2

Dealer Package 12 pairs.



Fig. 1226 SP

### TRANSOM PLATES—Fig. 1224 SP

Zamak Die Castings — Chromium Plated

No.	Per Pair	Length Overall Inches	Inside Diameter Inches	Weight Per Package Pounds
1	\$1.75	3-1/2	1-7/8	3-1/4

Dealer Package 12 pairs.



Fig. 1224 SP

### FENDER HOOKS—Fig. 1246 SP

Zamak Die Casting — Chromium Plated

Per Pair	For Rope Diameter Inches	Size Plate Inches	For Screw No.	Weight Per Package Pounds
\$1.50	3/8	1-3/4x1-1/4	6	2-3/4

Dealer Package 12 pairs.



Fig. 1246 SP

### FENDER LOCK—Fig. 1299 SP

Zamak Die Casting — Chromium Plated

Attach and detach fenders instantly, eye is permanently fastened to fender line, it quickly engages the deck flange and stays there until its job is done.

Per Pair	Diameter Flange Inches	I.D. Eye Inches	Weight Per Package Pounds
\$2.35	1-1/2	3/8	2-1/4

Dealer Package 12 pairs.



Fig. 1299 SP

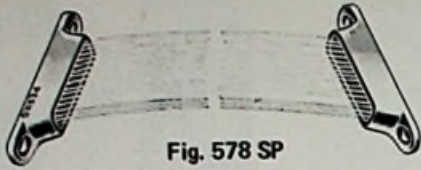


Fig. 578 SP



**BOAT COVER SOCKETS—Fig. 578 SP**  
Zamak Die Casting — Chromium Plated

Per Pair	Length Overall Inches	Size Opening Inches	Width Overall Inches	Weight Per Package Pounds	Dealer Package
\$1.20	3-1/4	1-7/8x7/16	5/8	3	12 Prs.

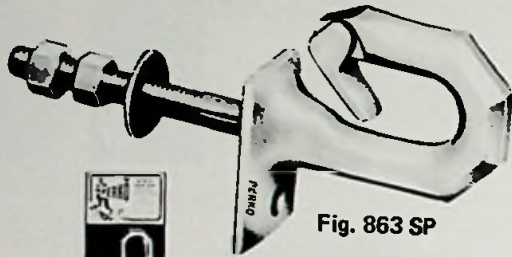


Fig. 863 SP



**WATER SKI TOWING HOOK—Fig. 863 SP**  
For Mounting Through Transom — Zamak Hook — Steel Bolt — All Chromium Plated

Each	Length Overall Inches	Diameter Bolt Inches	Length Bolt Inches	Length Thread Inches	Weight Per Package Pounds
\$3.40	6	5/16	3-1/4	2-1/2	3-3/4

Dealer Package 6 pieces

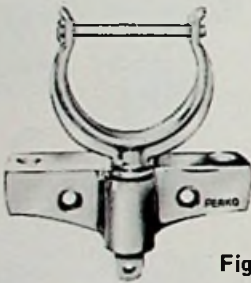


Fig. 1228 SP



**NORTH RIVER ROWLOCKS—Fig. 1228 SP**  
Zamak Die Casting — With Delrin Bearing in Socket Between Horns, 1-3/4 Inches

Chromium Plated	Complete Per Pair	Dealer Package	Weight Per Package Pounds
	\$5.70	6 Prs.	8-1/2

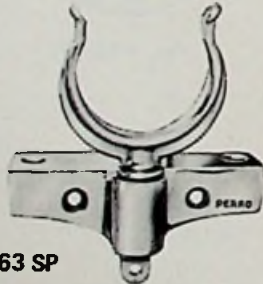


Fig. 1263 SP

**RIBBED SIDE PLATE ROWLOCKS—Fig. 1263 SP**  
Zamak Die Castings — With Delrin Bearing in Socket Between Horns, 1-3/4 Inches

Chromium Plated	Complete Per Pair	Dealer Package	Weight Per Package Pounds
	\$5.50	6 Prs.	8



Fig. 1268 SP

**ROUND ROWLOCKS WITH FANCY SOCKET—Fig. 1268 SP**  
Zamak Die Castings — Delrin Bearing in Socket — Inside Diameter Horns, 2 Inches

Chromium Plated	Complete Per Pair	Dealer Package	Weight Per Package Pounds
	\$5.60	6 Prs.	8-3/4



### VINYL FISHING POLE HOLDER—Fig. 1104 SP With Brass Chromium Plated Brackets

Each	Length Overall Inches	Inside Diameter Inches	Outside Diameter Inches	Width Bracket Inches	Weight Per Package Pounds
\$4.85	9	1-3/4	2	3-1/4	6

Dealer Package 6 pieces.

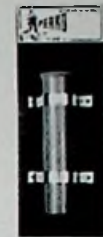


Fig. 1104-SP

### OUTRIGGER TROLLING PIN OR CLIP—Fig. 469 SP High Impact Plastic — Orange Color — Stainless Steel Eyes and Spring — All Salt Water Resistant — High Visibility

Per Pair	Dimensions Inches	Weight Per Package Pounds
\$3.40	3-1/2x1-1/2	3

Dealer Package 6 pairs.

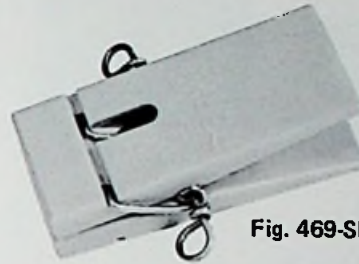


Fig. 469-SP

### DECK PLATE KEY—Fig. 827 SP

Stainless Steel

Will fit various sizes of deck plates up to 3 inches.

Each	Length Overall Inches	Diameter Metal Inches	Weight Per Package Pounds
\$1.60	5-3/4	3/16	1-1/2

Dealer Package 6 pieces.

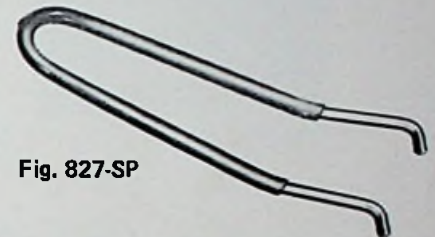


Fig. 827-SP

### WIND PENNANTS—Fig. 435 SP

Adjustable Counterbalance — Aluminum Pennant — Brass Standard — Red Anodized Finish

Pennant swings and has an adjustable counterbalance should the weight of the pennant change from the application of paint or attachments of any kind.

Perfect balance makes this pennant instantly responsive to the lightest of winds.

For Mast 1 inch Diam. at Top, 5/16" Hole

Each	Size of Pennant Inches	Height Overall Inches	Weight Per Package Pounds
\$5.80	6-1/2x3	6-1/2	3

Dealer Package 6 pieces.



Fig. 435-SP

### TRIPLEX MOTOR BOAT WHISTLE—Fig. 167 SP

Plastic

Each	Length Overall Inches	Width Overall Inches	Weight Per Package Pounds
\$ .85	6	1-3/4	1-1/2

Dealer Package 12 pieces.



Fig. 167 SP

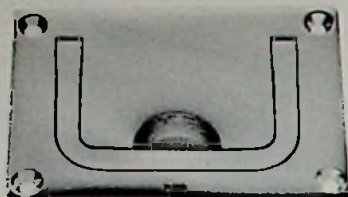


Fig. 776 SP



## HEAVY DUTY FLUSH HATCH LIFTING HANDLE—Fig. 776 SP

Silicon Bronze — Chromium Plated

No.	Each	Dimensions Plate Inches	Inside Handle Inches	Weight Per Package Pounds
1	\$5.50	3x2-1/4	1-3/4x1	1-1/4

Dealer Package 6 pieces.



## FLUSH HATCH LIFTING RING—Fig. 575 SP

Silicon Bronze — Chromium Plated

No recess to catch heels, chair or table legs, etc.

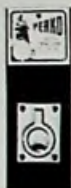


Fig. 575 SP

Each	Size Plate Inches	Inside Ring Inches	Weight Per Package Pounds
\$4.30	2x2-5/8	1	1-1/2

Dealer Package 12 pieces.



## FLUSH RING PULLS—Fig. 841 SP

Die Cast Zamak — Chromium Plated



Fig. 841 SP

Each	Size Plate Inches	Weight Per Package Pounds
\$2.10	1-3/4x1-3/8	1

Dealer Package 12 pieces.



## CUPBOARD CATCHES—Fig. 1102 SP

Die Cast Zamak — Chromium Plated

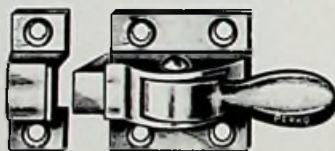


Fig. 1102 SP

Each	Without Strike Inches	Weight Per Package Pounds
\$4.35	1-3/8x1-7/16	1

Supplied complete with flush and 3/8 inch offset strike.

Dealer Package 6 pieces.



## CUPBOARD BOLT—Fig. 1101 SP

Die Cast Zamak — Chromium Plated



Fig. 1101 SP

Each	Without Strike Inches	Weight Per Package Pounds
\$2.85	1-1/2x1-1/2	1-1/4

Dealer Package 6 pieces.



## SPRING TYPE DOOR BUTTON—Fig. 1216 SP

Zamak Die Casting — Chromium Plated

Eliminates rattling doors. Phosphor bronze coil spring under knob holds button snugly against the plate. Nylon tips under button prevent marring of chrome surface. Drilled and countersunk for #6 screw.

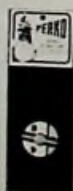


Fig. 1216 SP

Each	Plate Diameter Inches	Width Less Keeper Inches	Weight Per Package Pounds
\$1.90	1-11/16	1-3/16	1-3/4

Dealer Package 12 pieces.



**CABIN DOOR HOOKS—Fig. 1199 SP**  
Zamak Die Castings — Chromium Plated

Each	Length Hook Inches	Weight Per Package Pounds
\$1.45	1-3/4	2

Dealer Package 12 pieces.



Fig. 1199-SP



**SECURITY HINGED HASPS—Fig. 1198 SP**  
Zamak Die Casting — Chromium Plated

Each	Length Closed Inches	Width Inches	Weight Per Package Pounds
\$2.55	3	1	2-1/2

Dealer Package 12 pieces.



Fig. 1198-SP



**IMPROVED ELBOW CATCHES—Fig. 1056 SP**  
Zamak Die Casting — Chromium Plated

Each	Size Base Inches	Weight Per Package Pounds
\$2.05	1-1/8x9/16	1

Dealer Package 12 pieces.

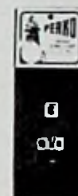


Fig. 1056-SP

**"POLYDEL" DOOR CATCHES—Fig. 559 SP**  
Grey Delrin Ball Stud — Polyethylene Catch — Holds Door Firmly in Place Against Vibration and Motion

Per Pair	Stud Size Inches	Catch Size Inches	Weight Per Package Pounds
\$1.05	1-1/8x3/8	1-3/8x7/8	1

Dealer Package 25 pairs.



Fig. 559-SP

**CUDDY DOOR HINGE—Fig. 950 SP**  
18-8 Stainless Steel — Polished — Stainless Steel Pin — Thickness .075 Inches

A good sturdy hinge strong enough for all doors but lightweight for cupboard and closet doors.

Per Pair	Length Open Inches	Width Inches	Diam. Pin Inches	Weight Per Package Pounds
\$3.55	3	1-1/2	3/16	2

Dealer Package 12 pairs.

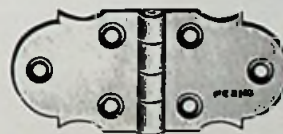
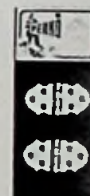


Fig. 950-SP



**SLIDING WINDOW LOCK AND ANTI RATTLER—Fig. 937 SP**  
Zamak Die Casting — Chromium Plated — Bakelite Knob — Plastic Tip

Per Pair	Height Overall Inches	Mounting Plate Inches	Length Screw Inches	Weight Per Package Pounds
\$4.25	1-5/8	1 x 5/8	1-1/8	2

Dealer Package 6 pairs.



Fig. 937-SP



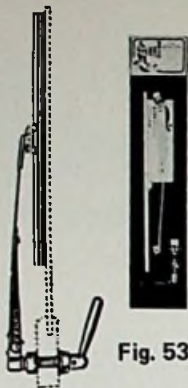


Fig. 533 SP

## HAND WINDSHIELD WIPERS—Fig. 533 SP

The arm is extensible from 9 to 12 inches, spring tension is adjustable for best wiping pressure.

No. 1 Each	Length Overall Inches	Diam. Shaft Inches	Length Handle Inches	Weight Per Package Pounds
\$8.25	15 to 18	3/8	2-3/8	2

For thickness of wood up to 1-1/8 inches.

Dealer Package 3 pieces.



## BOAT HOOK HOLDERS—Fig. 492 SP

18-8 Stainless Steel — Polished

Will accommodate poles up to 1-1/2 inch in diameter, and hold them firmly in place.

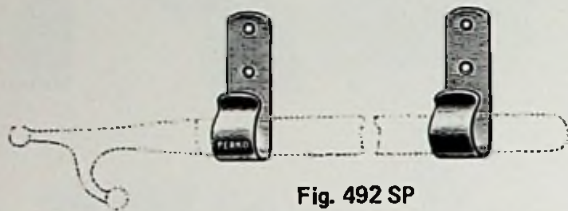


Fig. 492 SP

Per Pair	Length Inches	Width Inches	For Screw No.	Weight Per Package Pounds
\$1.65	3-1/2	1	6	3

Dealer Package 12 pairs.



## "HOLDALL" SPRING CLAMPS—Fig. 502 SP

18-8 Stainless Steel — Polished

Excellent for stowing fishing rods, boat hooks, oars, swab, broom, flashlight, flagstaff, pump, etc.

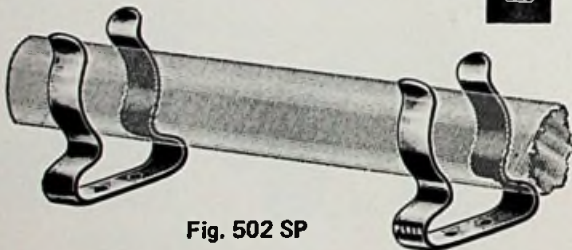


Fig. 502 SP

No.	Per Pair	Adjustability Inches	Length From Wall Inches	Width of Metal Inches	For Screw No.	Weight Per Package Pounds
1	\$1.25	5/8 to 1-1/4	1-1/2	1/2	6	3

Dealer Package 12 pairs.



## SWIVEL EYE SNAP—Fig. 1289 SP

Zamak Die Castings — Chromium Plated

Has an interlocking device on tongue and hook, adding considerable strength.



Fig. 1289 SP

Each	Inside Diam. Eye Inches	Extreme Length Inches	Weight Per Package Pounds	Dealer Package
\$1.40	5/8	3	2-1/2	12 Pcs.



## SAFETY MOORING HOOKS—Fig. 606 SP

Drop Forged Steel — Stainless Steel Spring

These hooks, although light in design, have exceptional strength.



Fig. 606-SP

No.	Galvanized Each	I.D. of Eye Inches	Length Overall Inches	Throat Opening Inches	Weight Per Package Pounds
1	\$1.40	3/4	4	3/4	2-1/2

Dealer Package 12 pieces.

# PERKINS MARINE LAMP & HARDWARE CORP.

16490 NORTHWEST 13TH AVENUE • P.O. BOX D • MIAMI, FLORIDA 33164



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**RESERVED FOR  
NOTES AND NEW PRODUCTS TO COME**

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# PERKO

## 1907



The Perko heritage dates back to 1907 when the late Frederick Perkins with his son, Louis, founded a small shop in Brooklyn, N. Y. to manufacture oil lanterns and navigational lights for the maritime industry. Soon the quality of their products became recognized and the company prospered to the point where it incorporated in 1917. During the decades to follow, the original Brooklyn shop was expanded many times to keep pace with the growing demand for the ever broadening Perko line. By 1960 further plant expansion was no longer feasible because of property limitations.

At this point the surviving Co-Founder, Louis Perkins, decided to move the entire operations to its present facility in Miami, Florida. He coordinated and supervised the monumental relocation and played a vital role in planning the highly efficient plant layout.

As a result of his vision and determination, all manufacturing facilities in the Miami plant are effectively arranged under one roof. Every step of production from the bronze and die cast foundry to final assembly and inspection is completely coordinated.

Before his passing in 1964, Louis E. Perkins devoted his efforts to making sure his new plant, the most modern in the industry, produced quality products worthy of the Perko name he founded.

The original area of the plant in Miami in 1961 was 90,000 square feet. The total enclosed area is now 147,000 square feet, which includes a 42,000 square foot addition just completed to improve service and quality.

## 1970



Frederick Perkins

**CO-FOUNDERS**

Louis E. Perkins



**PERKO**

