

PERKO

1969
CATALOG
NO. 205



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 free from 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

This catalog including all of its illustrations, form and data, is protected by copyright. Same may not be reproduced in other catalogs, circulars, leaflets, etc. without our written permission.



perkins marine

lamp and hardware
corporation (ESTABLISHED 1907 —
INCORPORATED 1917)

Factory and Main Office
16490 Northwest 13th Avenue • P. O. Box D
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



COPYRIGHT
1968 in U.S. and Canada
by Perkins Marine Lamp
and Hardware Corp.

PERKO

PERKO

Sales Representatives

District Sales Managers in the U. S. and in Adjacent Areas

Staff



EDWIN S. PERKINS
President



WM. J. MURPHY
Vice President and
Gen'l Sales Manager



LEROY F. HOLLENBECK
2nd Vice President
Manufacturing



JOHN P. RUSH
Asst. Sales Manager



ALLEN W. MATTHEWS, JR.
Sales Department



JOHN W. LEE
Export Manager



EMILY MANDELION
Sales Department



FELIX F. TRANCHINA
Gulf Coast States
Alabama to Texas
and Tennessee



ROLAND E. McCUNE
California, Nevada,
Utah, Colorado, Arizona,
Wyoming, Southern Idaho,
New Mexico, Hawaii



JOHN B. MERIFIELD
Washington, Oregon,
Northern Idaho, Montana,
British Columbia,
Alaska, Alberta



HERBERT M. HILL, JR.
New York State, Ohio
Western Pennsylvania,
West Virginia, Michigan

SALES REPRESENTATIVES:

PACIFIC COAST AREA

McCUNE WESTERN, INC.
1675 Rollins Road, Suite B2
Burlingame, Calif. 94010

McCUNE-WESTERN, INC. ASSOCIATE
James Dugan
892 West 18th St.
Costa Mesa, Calif. 92627

JOHN B. MERIFIELD CO., INC.
909 Western Avenue
Seattle, Washington 98104

GULF COAST AREA

F. F. TRANCHINA COMPANY, INC.
1005-1013 Magazine St.
New Orleans, La. 70130

F. F. TRANCHINA COMPANY OF TEXAS, INC.
Robert Tranchin
2669 Myrtle Springs Ave.
Dallas, Texas 72330

F. F. TRANCHINA COMPANY OF TEXAS, INC.
Robert Jones
7123 Roos
Houston, Texas 77036

F. F. TRANCHINA SALES COMPANY, INC.
Frank R. Marnhout
214 N. Mendenhall Road
Memphis, Tenn. 38117

F. F. TRANCHINA COMPANY, INC.
Harold Bube
1121 Regent Drive
Birmingham, Ala. 35226

SOUTHERN AREA

HENRY S. GARTNER
P.O. Box 1699
Fort Lauderdale, Fla. 33302

HENRY S. GARTNER ASSOCIATE
Earl V. "Swede" Aronson
500 Brown Road
Anderson, South Carolina 29623

HENRY S. GARTNER ASSOCIATE
George P. Bunnell
P.O. Box 611
Vero Beach, Florida 32960

MID-ATLANTIC AREA

RAYMOND J. MURPHY
946 Bayside
Rockaway Point, N.Y. 11697

NEW ENGLAND AREA

WM. K. CARSWELL
Southwest Harbor
Maine 04679

MID-WEST AREA

Eastern Division
HERBERT M. HILL, JR.
P.O. Box 340
Buffalo, N.Y. 14240

HERBERT M. HILL ASSOCIATE
Edward Sheldon
4280 St. Paul Blvd.
Rochester, N.Y. 14617

HERBERT M. HILL ASSOCIATE
William Enright
4937 Pine Ridge Road
Toledo, Ohio 43615

MID-WEST AREA

Central Division
ARTHUR J. THOMPSON
110 E. Madison St.
South Bend, Indiana 46601

MID-WEST AREA

Western Division
MIDWESTERN SALES COMPANY, INC.
W. Wm. Graham
7819 Wornall Road
Kansas City, Mo. 64114

STATE OF MINNESOTA

WM. D. GREENE
803 Waukegan Rd.
Deerfield, Ill. 60015

CENTRAL AMERICA AREA

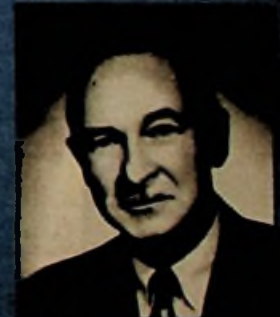
CHARLES S. ABERNATHY
P.O. Box 3501
Panama, Rep. de Panama



ARTHUR J. THOMPSON
Illinois, Indiana
Kentucky, Wisconsin



HENRY S. GARTNER
Florida, Georgia
North and South Carolina



CHARLES S. ABERNATHY
Panama



WILLIAM K. CARSWELL
New England States



HIGHLIGHTS OF THE LAW AND REGULATIONS CG-290 JANUARY 1968

LIGHTS REQUIRED ON BOATS UNDERWAY BETWEEN SUNSET AND SUNRISE POWER BOATS Under 65 feet and all Sailing Vessels at anchor must display anchor lights except those under 65 feet in "special anchorage area"	ROWING BOATS 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		

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
under 26' in length 32 pts. 2 mi. comb. 20 pts. 1 mi.	32 pts. 2 mi. comb. 20 pts. 1 mi.	12 pts. 2 mi. comb. 20 pts. 1 mi.	12 pts. 2 mi. 10 pts. 2 mi. - Sidelights
26' to 65' in length ¹ 32 pts. 2 mi. 10 pts. 1 mi. 20 pts. 2 mi. 10 pts. 1 mi.	32 pts. 2 mi. 10 pts. 1 mi. 20 pts. 2 mi. 10 pts. 1 mi. 20 pts. 2 mi.	12 pts. 2 mi. 10 pts. 1 mi. 10 pts. 1 mi.	*Stern light not required for vessels under sail alone on Great Lakes Manually propelled vessels shall have a white light ready to be temporarily exhibited in time to prevent collision.

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

required on high seas, may be used inland

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

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.

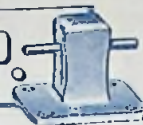
Minimum Required Equipment

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).



NEW

"FUTURA" COMBINATION BOW LIGHT—Fig. 1215

Zamak Die Casting — Chromium Plated — Red and Green Fresnel Lenses — Double Contact Electric Socket — With 12 Volt 6 C.P. Bulb

Smooth attractive styling compatible with our Deck Ventilators — Figs. 866, 867, etc.



Fig. 1215

Each	Height Inches	Width Inches	Length Inches	Staff Socket Inches	Weight Pounds
\$6.75	2-1/2	3-3/4	5-1/2	3/4	1-1/8

Flag staff, see Fig. 1230.

Spare lenses, \$.85 each.

Spare electric socket, \$.85 each.



Fig. 1217

NEW

"HEFTY" COMBINATION BOW LIGHT—Fig. 1217

Zamak Die Casting — Chromium Plated — Red and Green Fresnel Lenses — Double Contact Electric Socket — With 12 Volt 6 C.P. Bulb

A hefty light for a sturdy boat — they go together.

Each	Height Inches	Width Inches	Length Inches	Staff Socket Inches	Weight Pounds
\$6.85	3-3/8	3-1/2	6-3/4	3/4	1-3/8

Flag staff, see Fig. 1230.

Spare lenses, \$.85 each.

Spare electric socket, \$.85 each.



Fig. 1260

"ROCKET" COMBINATION BOW LIGHT—Fig. 1260

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

Each	Height Inches	Length Overall Inches	Height Lens Inches	Flagpole Socket Inches	Weight Pounds
\$7.00	2-5/8	9-3/4	1-1/2	3/4	1-3/4

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

Spare Lenses, \$.85 each.

Spare electric socket, \$.85 each.



50/10

23/5
50/10

PERKINS MARINE LAMP & HARDWARE CORP.



"RANGER" COMBINATION BOW LIGHT—Fig. 1218

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 Pounds
\$6.25	3-1/2	6-1/4x3-7/8	2-1/2	3/4	3/4

Price does not include flag staff, see Fig. 1230.
Spare lenses, \$.85 each.
Spare electric socket, \$.85 each.
Spare rebulbing feature, consisting of plate and D.C. Socket, \$1.60 each.



Fig. 1218
"RANGER"

"LITTLE JOE" COMBINATION BOW LIGHT—Fig. 1146

Zamak Die Casting — Chromium Plated — With 12 Volt, 2 C.P. Bulb

Each	Height Inches	Base Inches	Height Lens Inches	Staff Socket Inches	Weight Ounces
\$4.95	2-1/4	4-1/2x2-3/8	1-7/8	1/2	7

Spare miniature bayonet socket, \$.60 each.
Spare lenses, \$.85 each.
Flag staff, see Fig. 495.



Fig. 1146
"LITTLE JOE"

"GUIDE" COMBINATION BOW LIGHT—Fig. 1203

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

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
\$8.75	3	7-1/2	5-3/4	3/4	1-3/4

Price does not include flag staff, see Fig. 1239.
Spare lenses, \$.85 each.
Spare electric socket, \$.85 each.



Side View

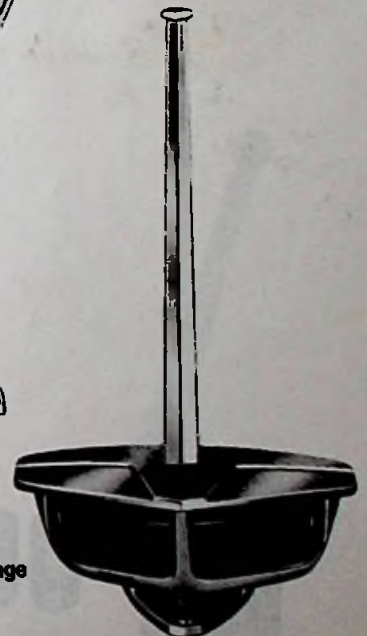


Fig. 1203
With Base Flange

Front View

"GUIDE" COMBINATION BOW LIGHT—Fig. 1202

Same as Fig. 1203 Above Except Without Base Flange

Base of light mounts directly on deck. Top casting is easily removed for installation by loosening one screw inside staff socket.

Each	Height Inches	Width Inches	Length Inches	Staff Socket Inches	Weight Pounds
\$8.00	2-3/4	7-1/2	5	3/4	1-5/8

Other Specifications and spare parts same as Fig. 1203.



Fig. 1202
Without Base Flange



PERKINS MARINE LAMP & HARDWARE CORP.



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
\$11.25	3-1/8	7-3/8	4-1/4	2-1/2	1-1/4

Spare lenses, \$.85 each.

Spare electric socket, \$.85 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
\$9.25	3-7/8	6-1/4x3-7/8	2-1/2	3/4	1-1/8

Spare lenses, \$.85 each.

Spare bulb, see Fig. 56, 1.3 volts



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
\$10.00	4-1/2	2-7/8	2-1/2	3/4

Spare lenses, .85 each.

Spare electric socket, \$1.00 each.



Fig. 54
Side Lights



Fig. 55
Stern Lights

LIGHTS FOR SAILBOATS—Figs. 54 & 55

Self Contained Battery Operated With Switch

For use with 2 "D" cells, we recommend the well advertised
alkaline batteries, which by our own tests give good results
and long life when used intermittently.

Height Overall Inches	Weight Each Ounces
4-1/4	13

FIG. 54 — 10 POINT SIDE LIGHTS, RED AND GREEN
FRESNEL LENSES, GALVANIZED BODY. WITHOUT BAT-
TERIES, PER PAIR \$29.80

FIG. 55 — 12 POINT STERN LIGHT, CLEAR FRESNEL
LENS, GALVANIZED BODY. WITHOUT BATTERIES,
EACH \$14.90



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
\$3.30	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
\$2.90	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	\$4.00	14	1/2	2
2	4.50	14	3/4	3
3	4.80	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	\$3.60	14	3/4	2-1/2
3	4.00	18	3/4	3-1/2
4	4.35	18	1	5
5	5.15	24	1	6
6	7.75	30	1-1/4	9-1/2
7	9.25	36	1-1/4	14
8	12.75	48	1-1/4	27

With brass ferrule, add \$.95 each.
With chromium ferrule, add \$1.20 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	\$9.25	24	3/4	3-3/8x2-1/4	3/4
3	9.75	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

50/10

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 meets the requirements for a 20 point light easily 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.

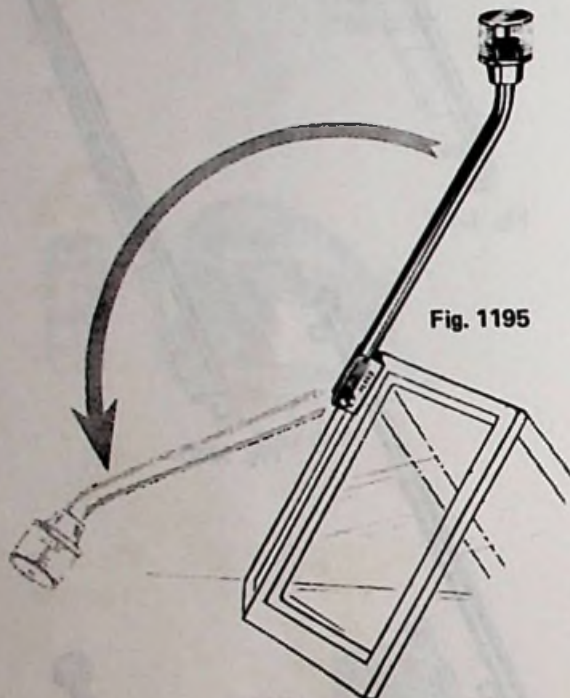


Fig. 1195

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
\$18.00	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 and 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	\$20.00	16	1	3/4	1-1/4
3	30	20.85	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	\$15.75	1	3/4	1
3	30	16.60	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	\$9.25	6	3 x 2	3/4
2	10.10	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.

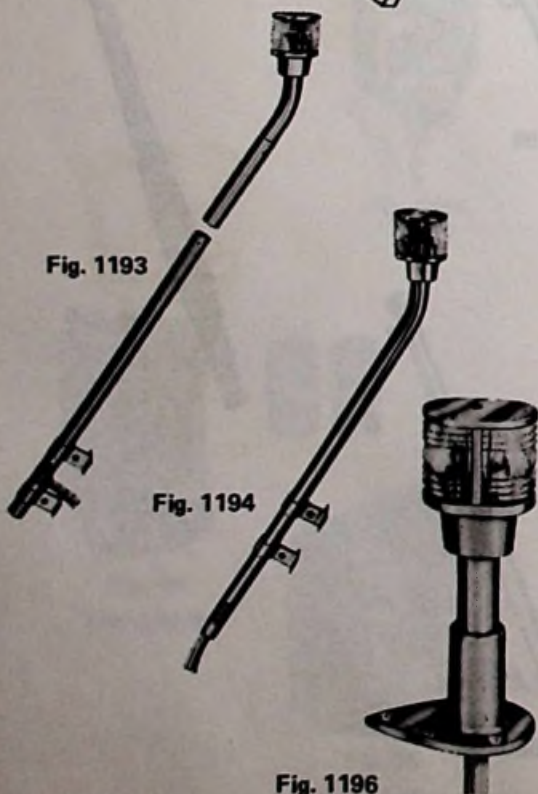


Fig. 1193

Fig. 1194

Fig. 1196

AND ANCHOR LIGHTS

50/10

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

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

Each	Height Overall Inches	Diameter Tubing Inches	Weight Ounces
\$11.75	13-1/2	3/4	13

Fig. 1181 for flat windshield or horizontal frame, dimensions, Width (A), 2" – Height (B), 3/4".
Fig. 1182 for V-type windshield. Dimensions, Width (A), 2" – Height (B), 3/4".
Fig. 1184 for flat or V-type center posts of windshield, dimensions, Width (A), 3/4" – Height (B), 2-1/4".



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
\$7.80	2-3/4	1-15/16	8



MAST ASSEMBLY – Fig. 1197 For Mounting Into Masthead or Over a Staff – Brass Mounting Tube – Chromium Plated – Complete with Two 12 Volt Bulbs and 10-inch Pigtails

Each	Height Overall Inches	O.D. Tubing Inches	Length Tubing Inches	Weight Ounces
\$6.00	3-1/2	3/4	1	6



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
\$1.20	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.



Spare lenses for all above lights, \$.55 each.
Spare Electric Sockets, Miniature Bayonet, \$.85 each.



Fig. 1181

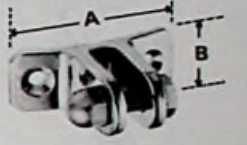


Fig. 1182



Fig. 1184



Fig. 1183



Fig. 1197



Fig. 1192



50/10

STERN POLE LIGHTS FOR DECK MOUNTING

NEW

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.* DOUBLE CONTACT BAYONET SOCKET. WITH 12 VOLT, 6 C.P. BULB - WIRED.

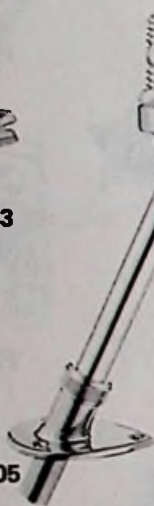
FIGS. 1233 and 1294

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"

Size No.	Maximum Length Inches	Fig. 1233 Each	Fig. 1294 Each	Weight Pounds
1	20	\$ 9.25	\$ 9.25	1-1/8
2	24	9.80	9.80	1-1/4
3	30	10.65	10.65	1-1/2
4	36	11.50	11.50	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	\$10.35	\$12.50	1-1/8
2	24	10.90	13.05	1-1/4
3	30	11.75	13.90	1-1/2
4	36	12.60	14.75	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 Plastic Cap for Base when Pole is removed.

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



Fig. 1209

No.	Length Overall Inches	Each	Weight Pounds
1	20	\$13.25	7/8
2	24	13.80	1
3	30	14.65	1-1/4
4	36	15.50	1-1/2

NOTES—ENTIRE PAGE, SPARE GLOBES SEE FIG. 248-P. SPARE ELECTRIC SOCKETS, \$.95 EACH. SPARE BASES, \$4.00 EACH.

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



IMPROVED FIG. 1206-A

Base and Globe Holder Are Zamak Die Castings.

The Improvement is a New Globe of Higher Intensity and Greater Distance.

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

No.	Maximum Length Inches	Each	Weight Pounds
1	20	\$10.00	1-1/8
2	24	10.55	1-3/8
3	30	11.40	1-3/4
4	36	12.25	2

Flag Pole Socket only \$4.00 each – Spare Electric Sockets, \$.95 each, Spare Globes, \$.65 each.



TELESCOPING TYPE—Fig. 1148-A Improved

Base and Globe Holder are Zamak Die Castings.

Improvement Same as Fig. 1206-A 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
\$16.00	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	\$14.00	1-1/4
2	24	14.55	1-1/3
3	30	15.40	1-1/2
4	36	16.25	1-3/4

Spare Globes, see Fig. 604-P.
Flag Pole Socket only \$4.00 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	\$8.50	3/4	3 x 2	12
3	30	8.90	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, \$.50 each.



Fig. 1206 – A



Fig. 1148 – A



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

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.

Each	Height Overall Inches	Diameter Tubing Inches	Weight Ounces
\$7.50	13-1/2	3/4	13

Fig. 1134 for flat Windshield or Horizontal Frame. Dimensions, Width (A) - 2", Height (B) - 3/4".

Fig. 1135 for V-type Windshield. Dimensions, Width (A) - 2", Height (B) - 3/4".

Fig. 1137 for flat or V-type Center Posts of Windshield. Dimensions, Width (A) - 3/4", Height (B) - 2-1/4".



Fig. 1134

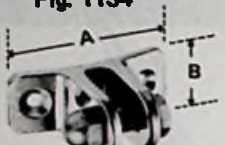


Fig. 1135



Fig. 1137

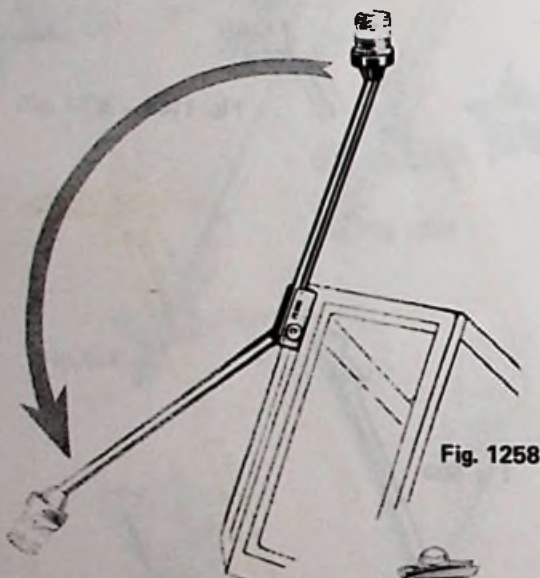


Fig. 1258

FIG. 1258 For Flat or V-Type Windshield

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

Each	Length Overall Inches	Mounting Bracket Inches	Weight Pounds
\$13.00	20	1-1/16 x 3	7/8

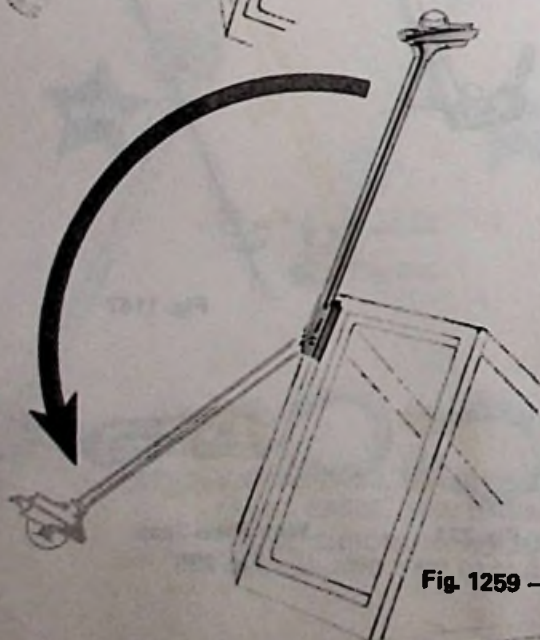


Fig. 1259 - A

IMPROVED—Fig. 1259-A 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 and greater distance.

Each	Length Overall Inches	Mounting Bracket Inches	Weight Pounds
\$13.00	20	1-1/16 x 3	7/8

SPAREPARTS

Spare Globes for Figs. 1134, 1135, 1137 and 1258, see Fig. 248-P.
Spare Globes for Fig. 1259-A \$.65 each.
Spare Electric Sockets for all above, \$.95 each.



POLE LIGHT—Fig. 687

For Windshield or Transom Mounting — Chromium Plated — 1-3/4 Inch Fresnel Globe — Stainless Steel Brackets — Double Contact Electric Socket — With 12 Volt, 6 C.P. Bulb

Complete with cork gasket and 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	\$ 9.90	7/8
2	24	10.45	1
3	30	11.30	1-1/8
4	36	12.15	1-1/4



Fig. 687

"PULL-A-PART" POLE LIGHT—Fig. 658

For Windshield Mounting — Chromium Plated — With 12 Volt, 6 C.P. Bulb — Stainless Steel Brackets

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.

No.	Length Overall Inches	Each	Weight Pounds
2	24	\$14.25	1-1/4
3	30	15.10	1-1/2
4	36	15.95	1-3/4

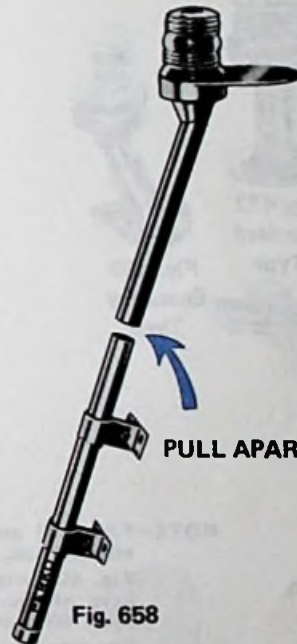


Fig. 658

PULL APART HERE

"PULL-A-PART" POLE LIGHT—Fig. 660

Chromium Plated — 1-3/4 Inch Globe — Stainless Steel Side Bracket — 3/4 Inch Tubing — With 12 Volt, 6 C.P. Bulb

For mounting and fastening to deck and center post of flying bridge windshield. Pivotal base permits adjustment to any normal angle. Complete with glare shield. Height of bottom section from deck is 17 inches. Bracket width is 1 inch.

No.	Length Overall Inches	Each	Weight Pounds
2	24	\$14.75	1
3	30	15.60	1-1/4
4	36	16.45	1-1/2



Fig. 660

NOTES

- Spare globes for above, see Fig. 248-P.
- Spare Glare Shield, \$1.25 each.
- Spare electric sockets for all above, \$.95 each.

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 \$2.50



225° Bow Shield
Fig. 507



135° Stern Shield
Fig. 508



POLE LIGHTS—Fig. 491

Brass — With Clear Threaded Fresnel Globe — Double Contact Electric Socket



Fig. 491
Standard
Type

No.	Chromium Plated Each	Spare Globes Each	Diameter Globe Inches	Fig. No. of Globe	Height Overall Inches	I.D. Neck	Maximum Bulb C.P.	Weight Ounces
1	\$7.20	\$1.10	1-3/4	248-P	5	3/4	15	5
2	7.80	2.40	2-1/2	250	5-1/4	3/4	21	14



STERN OR ANCHOR LIGHTS—Figs. 404, 421-A, 422, 438, 455.

With Clear Fresnel Globe—Double Contact Electric Socket



Fig. 404
High
Intensity
Type



Fig. 422
Standard
Type



Fig. 455
Economy
Type

Fig. No.	Polished Brass Each	Chromium Plated Each	Height Overall Inches	Size Base Inches	Weight Ounces
404		\$8.00	3-1/2	2-3/8	7
421-A		8.00	12	3-3/8x2-1/4	17
422	1 \$7.50	8.40	6	2-3/8	7
	3 8.80	10.00	12	2-3/8	15
438	1	8.85	6	3-3/8x2-1/4	6
455	1	6.00	6	3x2-1/8	12
	2	6.50	9	3x2-1/8	15

Spare Globes for Fig. 404 see Fig. 604

Spare Globes for Figs. 422, 438 and 455 see Fig. 248-P

Spare Globes for Fig. 421-A, \$.65 each.



Fig. 438
Standard
Streamline
Type



Fig. 421 - A
Tru-Beam
Streamline
Type

NOTE—Figs. 421 and 455 have Zamak top and base with brass tubing. Other types are all brass.

Fig. 404 with colored globe, add \$1.00 each. Figs. 422, 438, 455 and 491 have plastic globe, clear only. With clear glass globe Fig. 250, add \$1.50 each. With colored globe, add \$2.00 each.

For selection of colors see Figs. 250 or 604.



Fig. 966

STERN OR ANCHOR LIGHT—Fig. 966

18-8 No. 304 Stainless Steel — Polished — High Intensity Globe — Clear — Double Contact Bayonet Socket

Each	Height Overall Inches	Diameter Base Inches	Weight Ounces
\$7.50	6	2-1/2	6

Spare Globes \$.65 each.

Spare Electric Sockets \$.55 Each.



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	\$8.70	\$9.90	1-3/4	3-1/4	2-1/8	1/2
371	7.50	8.90	1-3/4	2-7/8	2-1/8	3/8



Fig. 362

50/10
25-5
100-10



Fig. 371

50/10

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

Disc

No.	Plain Brass Each	Chromium Plated Each	Diam. Neck Inches	Height Overall Inches	Weight Pounds
1		\$7.60	1-1/4	4-1/4	1/2
2	\$5.60	7.00	1-1/2	4	1

Spare Clear Globes See Fig. 248-P.
With Colored Globes, See Fig. 250.



Fig. 428

50/10
25-5
100-10

MAST AND YARDARM LIGHTS—Figs. 103 & 104

Cast Bronze — Clear Fresnel Globe — Medium Screw Socket

Fig. 103 threaded for 1/2 inch pipe. Fig. 104 for mounting on Truck or Yardarm. Will accommodate 15 watt 2-1/8 inch diameter bulb.

Fig.	Plain Bronze Each	Chromium Plated Each	Height Overall Inches	Diam. Globe Inches	Wt. Lbs.
103	\$10.20	\$14.40	6	3	2
104	11.40	16.20	5-5/8	3	2

Spare clear globes fig. 249, \$3.15 each.
Spare sockets fig. 222, No. 1, \$.95 each.
With double contact socket fig. 276, add \$1.00 each.



Fig. 103

50



Fig. 104

50

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.

Polished Bronze Each	Chromium Plated Each	Size Base Inches	Length Overall Inches	Diam. Globe Inches	Wt. Lbs.
\$21.30	\$25.00	3-3/8 x 1-3/4	9	2-1/2	2

Bulbs, see Fig. 337 all sizes listed.



Fig. 329

50/10



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
\$14.40	\$20.40	8-3/4	3-1/8	5 x 3-1/2	3-3/4



Fig. 113

MAST LIGHTS—Fig. 113

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 medium screw electric socket.

Plain Bronze Each	Chromium Plated Each	Height Overall Inches	Diam. Bottom Opening Inches	Inside Length Neck Inches	Size of Globe Inches	Weight Pounds
\$15.00	\$22.50	9	1-3/4	2-1/2	5 x 3-1/2	4



Fig. 83

MAST LIGHT—Fig. 83

Cast Bronze — With Threaded Cast Globe Guard — Integral Cable Entrance With Terminal Tube

With Fig. 106 Clear Threaded Globe for bulb up to 2-3/8 inches in diameter inclusive. Medium screw base.

Plain Bronze Each	Chromium Plated Each	Height Overall Inches	Diam. Bottom Opening Inches	Inside Length Neck Inches	Size of Globe Inches	Weight Pounds
\$26.50	\$36.50	10	1-3/4	2-1/2	5 x 3-1/2	5-1/2



Fig. 145

with Cast Guard

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	Chromium Plated Each
145	\$19.25	\$23.75
309	11.75	16.25



Fig. 309

without Guard

Fig.	Height Overall Inches	Size of Globe Inches	Opening in Globe Inches	Tapped for Pipe Size Inches	Wt. Lbs.
145	7-3/8	5 x 3-1/2	2-3/4	1/2	3-1/4
309	6-1/2	5 x 3-1/2	2-3/4	1/2	2-1/2

SPARE PARTS - ENTIRE PAGE

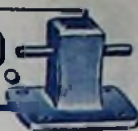
Spare clear globes, \$3.80 each.

With red, green, blue or amber globe, add \$2.00 each.

Spare medium screw sockets fig. 222 No. 1, \$.95 each.

With double contact socket fig. 276 No. 3, add \$1.00 each

Spare threaded guards, \$7.00 each.



50

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.

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
\$19.20	\$25.80	\$2.90	\$.55	7	3-1/2	3-1/2	3-5/16	2-3/4



Fig. 375



MAST LIGHTS—Fig. 521

Cast Bronze

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

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
\$15.60	\$20.70	\$2.90	\$.55	6-3/4	3-1/2	3-5/16	2-1/2	1-1/4	2



Fig. 521

With Red, Green, Blue or Amber Lens, Add \$1.65 each.
With medium screw socket fig. 346 for 15 watt bulb, add \$2.00 each.



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	Chromium Plated Each	Height Overall Inches	Diam. Base Inches	Size Globe Inches	Opening in Globe Inches	Wt. Lbs.
\$9.50	\$12.70	6	2-5/8	5-1/2 x 2-5/8	1-7/8	1

Spare clear globes fig. 77, \$2.80 each.
With red, green or blue globe, add \$1.25 each.
Spare electric sockets see Fig. 346 No. 1.



Fig. 488



Fig. 489



TRANSOM STERN LIGHT—Fig. 939

For Mounting in Transom — 12 Points — 135 Degrees — Visibility 2 Miles — Rebulbing Thru Front or Back — 18 - 8 Stainless Steel — Polished

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.

Each	Dimensions Overall Inches	Depth Inches	Weight Pounds
\$10.75	5-3/16 x 3-3/8	1-1/2	1/2

NOTE—not available in 6 or 32 volts.
Spare Bulb \$.55 each.
Spare lens with gasket, \$.75 each.
Spare Nylon socket with connectors, \$.80 each.
Spare Installation Gaskets, \$.50 each.



Fig. 939

50/10



PERKINS MARINE LAMP & HARDWARE CORP.



STAINLESS STEEL INTERNATIONAL NAVIGATION LIGHTS

18-8 No. 304 Stainless Steel — Polished — With Screws — Shielded to U.S.C.G. Visibility Requirements, Revised Rules of Motorboat Act. Effective June 4, 1956 Public Law 552. Legal for All Types of Boats — Under 65 Feet in Length and Under 40 Gross Tons For Use on Inland and International Waters. Electric Double Contact Bayonet Type Socket.



Fig. 902

SIDE LIGHTS—Fig. 902

10 Points 112-1/2 Degrees — Colored Lenses

For mounting on side of deck house or hull.

Per Pair	Length Inches	Width Inches	Depth Inches	Weight Per Pair Ounces
\$11.60	4	2-1/8	1-1/2	7



Fig. 915

SIDE LIGHTS—Fig. 915

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

For Mounting on Deck or Top of Deck House —

Per Pair	Length Inches	Width Inches	Depth Inches	Weight Per Pair Ounces
\$11.60	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
\$5.80	4	2-1/8	1-1/2	3-1/2



Fig. 904

COMBINATION BOW LIGHT—Fig. 904

Red and Green Lenses

Each	Length Inches	Width Inches	Height Inches	Weight Ounces
\$6.50	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
\$4.85	1-3/8	2-1/4	3/4	7/8	3

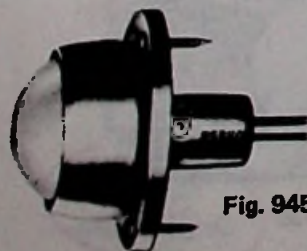


Fig. 945

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
\$4.65	1-3/8	2-1/4	3/4	7/8	3

Spare Globes, Clear, Red or Green (Fig. 74-P) \$.65 Each.

Spare D.C. Sockets (Fig. 52) \$.55 Each.

Spare Red and Green Special Globe for Fig. 904—\$1.20 Each.

6 C.P. Bulbs recommended for above lights.



STAINLESS STEEL INTERNATIONAL NAVIGATION LIGHTS

18-8 No. 304 Stainless Steel – Polished – With Screws – Shielded to U.S.C.G. Visibility Requirements, Revised Rules of Motorboat Act. Effective June 4, 1956 Public Law 552. Legal for All Types of Boats – Under 65 Feet in Length and Under 40 Gross Tons For Use on Inland and International Waters.
 Electric Double Contact Bayonet Type Socket. Height of Light 1-3/8" . . . Diameter of light base 2-1/4" . . . Diameter of Neck 3/4" . . . Length of Neck 7/8" . . . Weight of each Light . . . 3 ounces.

SIDE LIGHTS—Fig. 962

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

For mounting on side of deck house or hull.

\$9.30 Per Pair

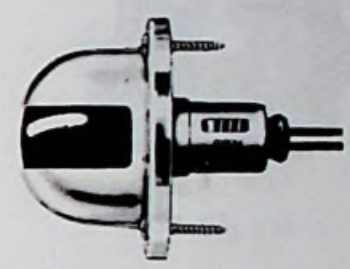


Fig. 962

SIDE LIGHTS—Fig. 963

10 points—112½ Degrees—Colored Lenses

For mounting on deck or top of deck house.

\$9.30 Per Pair



Fig. 963

BOW OR MASTHEAD LIGHT—Fig. 964

20 Points – 225 Degrees – Clear Lens

\$4.65 Each



Fig. 964

STERN LIGHT—Fig. 965

12 Points – 135 Degrees – Clear Lens

\$4.65 Each



Fig. 965

NEW BOW LIGHT—Fig. 944

20 Points – 225 Degrees – Clear Lens
Height Overall 6". Diameter Base 2-1/2". Weight 6 oz.

\$7.50 Each

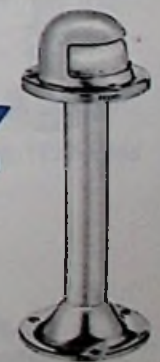


Fig. 944

COMBINATION BOW LIGHT—Fig. 972

Red and Green Lenses

\$5.25 Each



Fig. 972

Spare Globes, Clear, Red or Green (Fig. 74-P) \$.65 Each
 Spare D.C. Sockets (Fig. 52) \$.55 Each
 Spare Red and Green Special Globe for Fig. 972—\$1.20 Each
 6 C.P. Bulbs recommended for above lights.



PERKINS MARINE LAMP & HARDWARE CORP.



ZAMAK INTERNATIONAL NAVIGATION LIGHTS

Zamak Die Castings – Chromium Plated – Watertight – Shielded to U.S.C.G. Visibility Requirements, Revised Rules of Motorboat Act. Effective June 4, 1956 – Public Law 552. Legal For All Types of Boats – Under 65 Feet in Length and Under 40 Gross Tons. For Use on Inland and International Waters. Electric – Double Contact Bayonet Type Sockets – 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

SIDE LIGHTS—Fig. 1278

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



Fig. 1280

BOW OR MASTHEAD LIGHTS—Fig. 1279

20 Points – 225 Degrees – Clear Lens



Fig. 1279

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	\$11.25		4-7/8	2-5/8		2-1/4
1279		\$6.35			1	
1280		6.35			1	

Fig.	Height Lens Inches	Height Light Inches	Diam. Flange Inches	Diam. Neck Inches	Length Neck Inches
1278	2-1/8			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
\$5.00	2-1/8	2-3/8	2-5/8	7/8	1-3/16	5/8



NEW BOW LIGHT—Fig. 1201

20 Points – 225 Degrees – Clear Lens

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



Fig. 1201

Each	Height Overall Inches	Dimensions Base Inches	Weight Pounds
\$8.25	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.



Fig. 1282

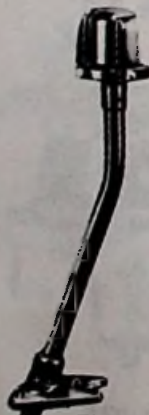


Fig. 1283

Each	Height Lens Inches	Dimensions Base Inches	Weight Pounds
\$14.75	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 \$.80 each. Spare D.C. Sockets Fig. 52, \$.55 each



BRONZE INTERNATIONAL NAVIGATION LIGHTS

Cast Bronze — Plain Or Chromium Plated — Watertight — Shielded to U.S.C.G. Visibility Requirements, Revised Rules of Motorboat Act. Effective June 4, 1956 — Public Law 552 — Legal For All Types of Boats — Under 65 Feet in Length and Under 40 Gross Tons. — For Use on Inland and International Waters.
 Electric — Double Contact Bayonet Type Sockets — 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-A
 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
\$22.80	\$28.80	2-1/8	5	2-5/8	15/16	1-1/4	2-1/2

For mounting on side of deck house.



Fig. 910-A

BOW OR MASTHEAD LIGHTS—Fig. 911-A
 20 Points — 225 Degrees — Clear Lens

STERN LIGHTS—Fig. 912-A
 12 Points — 135 Degrees — Clear Lens

ANCHOR OR RANGE LIGHT—Fig. 913-A
 32 Points — 360 Degrees — Clear Lens

Fig.	Plain Bronze Each	Chromium Plated Each	Height Lens Inches	Weight Each Pounds
911-A	\$11.40	\$14.40	2-1/8	1-1/8
912-A	11.40	14.40	2-1/8	1-1/8
913-A	8.70	10.80	2-1/8	7/8

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



Fig. 911-A



Fig. 912-A



Fig. 913-A



Fig. 938

MOUNTING BASE—Fig. 938
 For International Lights — Brass

Plain Each	Chromium Plated Each	Diam. Overall Inches	Pipe Thread Inches	Weight Ounces
\$2.40	\$3.50	2-3/8	1/2	3

ALL BRASS RUNNING LIGHTS — Figs. 1138 & 1139
 Double Contact Electric Socket — Rebulbing Feature

Fig.	Bright Finish Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Bright Finish Each	Polished Brass Each	Chromium Plated Each
1138	\$33.00	\$37.50	\$39.00			
1139				\$20.75	\$22.80	\$24.00

Fig.	Extreme Height Inches	Extreme Length Inches	Height Lens Inches	Weight Pounds
1138	6-3/16	9-5/8	4-1/4	3-1/4
1139	5-1/8	9-1/2	4-1/4	2



Fig. 1138—Side



Fig. 1139—Bow

Spare Lenses, see Figs. 259 and 260.
 Spare Sockets, see Fig. 52.
 Spare Rebulbing Feature, \$3.50 each. Specify Finish.
 Fig. 1139 can be supplied with a 1 inch Flag Pole Socket. Add \$1.25 each.



NEW HIGH INTENSITY SIDE LIGHTS WITH FRESNEL LENSES

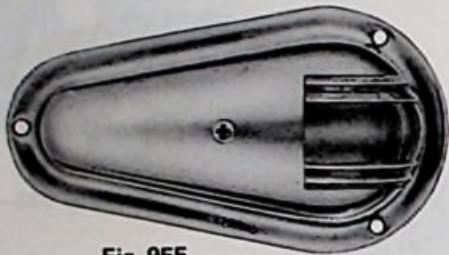
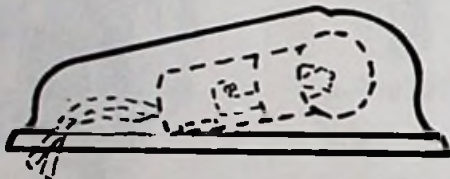


Fig. 955



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

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

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.

Per Pair	Length Inches	Width Inches	Depth Inches	Weight Per Pair Ounces
\$11.50	4-1/8	2-1/4	1-1/2	6

Spare lenses \$.50 each.

Spare sockets, \$.55 each.



Fig. 1264

**COMPACT STREAMLINE SIDE LIGHTS—Fig. 1264
Zamak Die Casting — Chromium Plated — 10 Points - 112-1/2
Degrees — Colored Lenses: 1 Red, 1 Green**

Chromium Plated Per Pair	Length Overall Inches	Height Overall Inches	Thickness Inches	Weight Per Pair Pounds
\$8.75	5-1/2	3-1/8	1-3/4	1-3/4

Spare Lenses, \$.85 each.

Spare Electric Sockets, \$.85 each.



Fig. 1265

**COMPACT STREAMLINE BOW LIGHTS—Fig. 1265
Zamak Die Casting — Chromium Plated — 20 Points — 225
Degrees — Clear Lens**

Chromium Plated Each	Length Overall Inches	Width Overall Inches	Height Overall Inches	Weight Pounds
\$6.25	6-1/4	3-7/8	3-1/4	3/4

Spare lenses, \$1.65 each.

Spare electric sockets, \$.85 each.

PERKINS MARINE LAMP & HARDWARE CORP.

ROYAL COMBINATION BOW LIGHT – Fig. 89

Electric Only – Double Contact – Red and Green Fresnel Lenses

Galv. Each	Polished Brass Each	Chromium Plated Each	Height Inches	Width Inches	Height Lens Inches	Weight Pounds
\$15.00	\$21.50	\$23.50	3-3/4	4-1/4	3-5/16	1-1/4

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



Fig. 89

50/10

ROYAL SIDE LIGHTS—Fig. 91

Electric Only – Double Contact – 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	\$21.75	\$34.00	\$38.50	4-1/4	3-5/16	1-3/4
2	22.00	34.25	38.75	5	4-1/4	2
3	24.00	37.50	41.50	6	5-3/16	3

Spare Lenses, see Fig. 259.



Fig. 91

50/10

ROYAL BOW LIGHT—Fig. 92

Electric Only – Double Contact – Clear Fresnel Lens

Class	Galv. Each	Polished Brass Each	Chromium Plated Each	Height Inches	Height Lens Inches	Weight Pounds
1	\$10.75	\$16.75	\$18.50	4-1/4	3-7/16	1
2	11.00	17.00	18.75	5	4-1/4	1-1/2
3	11.50	18.00	20.00	6	5-3/16	2

Spare Lenses, see Fig. 260.

All above lights with medium screw adapter, Fig. 153, add \$1.20 each.

Spare double contact adapters for above lights, specify Fig. 138, \$3.00 each.

Spare medium screw adapters for above lights, specify Fig. 153, \$3.00 each.



Fig. 92

50/10

INTERNATIONAL LIGHTS

Fig. 98 Bow Light & Fig. 99 Stern Light

Electric Only – Double Contact Electric Socket – Clear Fresnel Lens – Visibility 3 Miles

Fig.	Class	Galv. Each	Polished Brass Each	Chromium Plated Each	Height Lens Inches	Height Overall Inches	Weight Pounds
98	2	\$12.00	\$18.50	\$20.50	4-1/4	5-1/4	1-1/2
98	3	13.25	19.00	21.30	5-3/16	6	2
99	2	10.75	17.00	19.00	4-1/4	5-1/4	1-1/2
99	3	12.00	18.25	20.50	5-3/16	6	2

With medium screw socket, add \$1.20 each.

Spare lenses, see Figs. 256 and 269, Classes 2 and 3.



Fig. 98

BOW LIGHT

20 Points—225 Degrees

50/10



Fig. 99

STERN LIGHT

12 Points—135 Degrees

50/10

INTERNATIONAL LIGHTS

Fig. 176 Bow Light & Fig. 97 Stern Light

Oil Only – Clear Fresnel Lens

Fig.	Class	Galv. Each	Polished Brass Each	Height Lens	Height Overall	Weight Pounds
97	2	\$17.00	\$25.80	4-1/4	10-1/2	3
97	3	18.15	28.00	5-3/16	12-1/2	3-1/2
176	2	18.15	27.00	4-1/4	10-1/2	3-1/2
176	3	18.75	28.80	5-3/16	12-1/2	4

Oil and double contact electric, add \$3.25 each.

Oil and medium screw electric, add \$4.50 each.

Spare lenses, see Figs. 256 and 269, Classes 2 and 3.

Fig. 176
BOW LIGHT
20 Points—225 Degrees

Fig. 97
STERN LIGHT
12 Points—135 Degrees



50

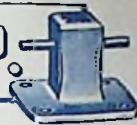


Fig. 48

21-DAY BATTERY ANCHOR LIGHT—Fig. 48

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

500 hours of continuous light on one battery. 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
\$21.50	\$25.00	10-1/2	3	1-1/4

With battery, add \$2.50 each.

With red, green or blue globe, add \$.75 each.

Spare globes, see Fig. 250

Spare bulbs, \$.44 each.



Fig. 41

60-DAY BATTERY FLASHER LIGHT—Fig. 41

All Brass — Watertight Switch — Clear Globe

Approximately 55 flashes per minute. Standard lantern batteries such as Eveready No. 2746 or Burgess F-4-BP supply the current.

Polished Brass Each	Height Inches	Diameter Base Inches	Weight Pounds
\$41.25	9	4	1-5/8

Price does not include battery.

With colored globe, red or green, add \$.75 each.

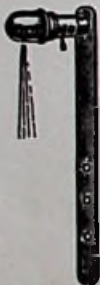


Fig. 707

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
\$5.50	8	5



Fig. 268

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
\$14.00	\$14.00	4-5/8	4-1/4	5-5/8 x 3/4	1-1/4

Spare sealed beam units, 6 or 12 volts, \$2.90 each

12 volt will be shipped unless otherwise specified



Fig. 277

“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
\$6.50	3	3	3-1/8 x 7/8	5

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



Fig. 265

“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
\$4.50	2-3/4	1-1/8	2-1/2



PERKINS MARINE LAMP & HARDWARE CORP.



DE-LITE COMBINATION BOW LIGHT—Fig. 0-1 Turret Top — Front Door — Class 1 — Oil and Electric — Double Contact — Red and Green Fresnel Lenses

Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$25.00	\$32.25	\$38.50	9-3/8	5x5-1/2	3-5/16	3-5/8



Fig. 0-1

DE-LITE COMBINATION BOW LIGHT—Fig. 0-10 Flat Top — Front Door — Electric Only — Double Contact Sockets — Red and Green Fresnel Lenses

Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$19.25	\$26.75	\$30.75	6-1/2	5x5-1/2	3-5/16	3



Fig. 0-10

COMBINATION BOW LIGHT—Fig. 1 Turret Top — Bottom Opening — Red and Green Fresnel Lenses — Oil or Electric

Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$19.00	\$27.50	\$29.50	9	4-3/4x4-1/2	3-5/16	2-5/8

Oil and Electric, add \$3.25 Each.



Fig. 1

COMBINATION BOW LIGHT—Fig. 3 Flat Top — Bottom Opening — Red and Green Fresnel Lenses — Electric Only — Double Contact Socket

Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$16.50	\$24.00	\$26.00	6-1/4	4-3/4x4-1/2	3-5/16	2



Fig. 3

SAIL BOAT SIDE LIGHTS—Fig. 69 Small Size — Oil Burning — Red and Green Fresnel Lenses

Galvanized Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Height Lens Inches	Extreme Height Inches	Diam. of Base Inches	Weight Per Pair Pounds
\$34.50	\$48.00	\$52.50	3-5/16	9	4-1/4	4

Oil and Electric with Fig. 735 Fount, add \$6.50 per pair. Electric socket is bayonet double contact. Spare lenses, see Fig. 259 Class 1. Spare Founts, see Figs. 287 or 735. Spare burners and wicks, see Figs. 246 and 302 No. 0.



Fig. 69

All lights on this page with medium screw electric sockets, add \$1.50 each.

SPARE PARTS

Item	EACH
Lenses, Fig. 259, Class 1 Combination	\$3.00
Oil Founts, Fig. 582, Brass, for Fig. 01	3.00
Oil Founts, Fig. 733, Brass, for Fig. 1	3.25
Oil and Electric Founts, Fig. 733, Brass, for Fig. 1	7.75
Oil Burners, Fig. 246, No. 0, Brass	1.10
Oil Wicks, Fig. 302, No. 0	.09
Electric Sockets, Double Contact, Fig. 276, No. 2	1.10
Electric Sockets, Medium Screw, Fig. 346, No. 1	.75



Illustration of Front Doors on Figs. 0-1 and 0-10



Fig. 0-4

DE-LITE SIDE LIGHTS—Fig. 0-4

Turret Top — Class 2 — Red and Green Fresnel Lenses — Oil and Electric — Double Contact Sockets

Galv. Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$44.00	\$60.00	\$69.00	10-1/2	5-1/4x5-1/4	4-1/4	6-1/4



Fig. 0-5

DE-LITE BOW LIGHT—Fig. 0-5

Turret Top — Class 2 — Clear Fresnel Lens — Oil and Electric — Double Contact Socket

Galv. Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$22.00	\$30.00	\$34.50	10-1/2	5x5-1/2	4-1/4	3

With Red, Green, Blue or Amber Lens, add \$3.00 each.



Fig. 0-40

DE-LITE SIDE LIGHTS—Fig. 0-40

Flat Top — Class 2 — Electric Only — Double Contact Socket — Red and Green Fresnel Lenses

Galv. Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$31.00	\$45.00	\$54.00	7-1/4	5-1/8x5-1/8	4-1/4	5-1/2



Fig. 0-50

DE-LITE BOW LIGHT—Fig. 0-50

Flat Top Class 2 — Electric Only — Double Contact Socket — Clear Fresnel Lens

Galv. Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$15.50	\$22.50	\$27.00	7-3/8	5x5-1/2	4-1/4	2-3/4

With Red, Green, Blue or Amber Lens, Add \$3.00 each.



All lights on this page with medium screw electric sockets, add \$1.50 each.



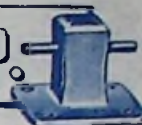
Illustration of Front Door on All Above Lights

SPARE PARTS

Part Description	Each
Lenses, Fig. 259, Class 2, for Figs. 0-4 and 0-40	\$3.85
Lenses, Fig. 260, Class 2, for Figs. 0-5 and 0-50	3.85
Oil Founts, Fig. 582, Brass, for Figs. 0-4 and 0-5	3.00
Oil Burners, Fig. 246, No. 1, Brass for Figs. 0-4 and 0-5	1.10
Oil Wicks, Fig. 302, No. 1	.10
Electric Sockets, Double Contact, Fig. 276, No. 2	1.10
Electric Sockets, Medium Screw, Fig. 346, No. 1	.75
Electric Socket Supports	1.00
Mounting Brackets	1.60



PERKINS MARINE LAMP & HARDWARE CORP.



DE-LITE SIDE LIGHTS—Fig. 0-8

Turret Top — Class 3 — Oil and Electric — Double Contact
Socket — Red and Green Fresnel Lenses

Galv. Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$46.50	\$65.00	\$73.00	12-1/4	5-5/8x5-5/8	5-3/16	8



DE-LITE BOW LIGHT—Fig. 0-9

Turret Top — Class 3 — Oil and Electric — Double Contact
Socket — Clear Fresnel Lens

Galv. Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$23.25	\$31.50	\$36.00	12-1/4	5-1/2x6-1/8	5-3/16	4

With red, green, blue or amber Lens, Add \$3.50 each.



DE-LITE SIDE LIGHTS—Fig. 0-80

Flat Top — Class 3 — Electric Only — Double Contact
Socket — Red and Green Fresnel Lenses

Galv. Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$34.50	\$48.00	\$57.50	8-1/2	5-5/8x5-5/8	5-3/16	7



DE-LITE BOW LIGHT—Fig. 0-90

Flat Top — Class 3 — Electric Only — Double Contact
Socket — Clear Fresnel Lens

Galv. Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$17.25	\$24.00	\$28.75	8-1/2	5-1/2x6-1/8	5-3/16	4

With red, green, blue or amber Lens, Add \$3.50 each.



All lights on this page with medium screw socket, add \$1.50 each.

SPARE PARTS

	Each
Lenses, Fig. 259, Class 3, for Figs. 0-8 and 0-80	\$5.00
Lenses, Fig. 260, Class 3, for Figs. 0-9 and 0-90	5.00
Oil Founts, Fig. 582, Brass, for Figs. 0-8 and 0-9	3.00
Oil Burners, Fig. 246, No. 1, Brass, for Figs. 0-8 and 0-9	1.10
Oil Wicks, Fig. 302, No. 1	.10
Electric Sockets, Double Contact, Fig. 276, No. 3	1.10
Electric Sockets, Medium Screw, Fig. 346, No. 1	.75
Electric Socket Supports	1.00
Mounting Brackets	1.60



Fig. 0-8



Fig. 0-9

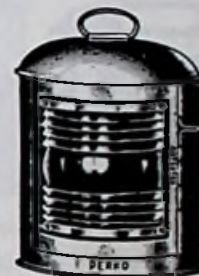


Fig. 0-80

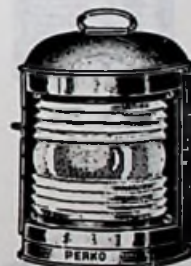


Fig. 0-90

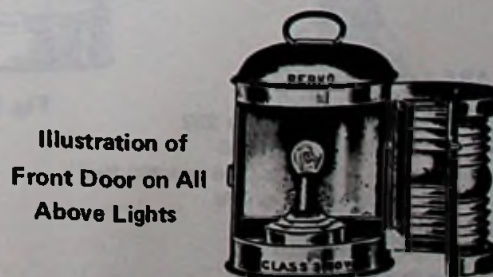


Illustration of Front Door on All Above Lights



Fig. 17



Fig. 18



Fig. 19



Fig. 20

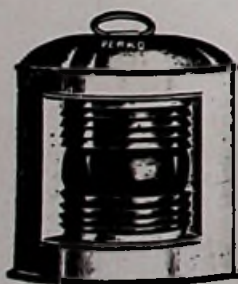


Fig. 4



Fig. 5

SPARE PARTS

- Electric Adapters, Figs. 291 or 292
- Electric D.C. Adapters, Fig. 355
- Oil Burners and Wicks, Figs. 246 and 302 No. 1
- Oil and Electric Founts Fig. 736
- Oil Founts, Fig. 286
- Lenses, Figs. 269 and 260
- Mounting Brackets, \$1.60 each

CLASS 2 SIDE LIGHTS—Fig. 17

Red and Green Fresnel Lenses — Turret Top — Bottom Opening — Spring Fount — Oil or Electric

Galv. Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$33.50	\$50.00	\$54.00	10-1/2	4-3/4x5-1/2	4-1/4	5-1/2

Combination Oil and Electric, add \$6.50 per pair to above prices.



CLASS 2 BOW LIGHT—Fig. 18

Clear Fresnel Lens — Turret Top — Bottom Opening — Spring Fount — Oil or Electric

Galv. Each	Polished Brass Each	Chromium Plated Each	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds Each
\$16.75	\$25.00	\$27.00	10-1/2	4-1/2x5	4-1/4	3

Combination Oil and Electric, Add \$3.25 Each. With Red, Green, Blue or Amber Lens, Add \$3.00 Each.



CLASS 3 SIDE LIGHTS—Fig. 19

Red and Green Fresnel Lenses — Turret Top — Bottom Opening — Spring Fount — Oil or Electric

Galv. Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$35.00	\$55.00	\$59.00	12-1/2	5x6-1/4	5-3/16	7-1/2

Combination Oil and Electric add \$6.50 per pair.



CLASS 3 BOW LIGHT—Fig. 20

Clear Fresnel Lens — Turret Top — Bottom Opening — Spring Fount — Oil or Electric

Galv. Each	Polished Brass Each	Chromium Plated Each	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds Each
\$17.50	\$27.50	\$29.50	12-1/2	5-1/2x6-1/4	5-3/16	3-1/2

Combination Oil and Electric, Add \$3.25 each. With Red, Green, Blue or Amber Lens, Add \$3.50 each.



FLAT TOP SIDE LIGHTS—Fig. 4

Classes 2 & 3 — Red and Green Fresnel Lenses — Bottom Opening — Spring Fount — Electric Only — Double Contact Socket

Class	Galv. Per Pair	Polished Brass Per Pair	Chrom. Plated Per Pair	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
2	\$27.00	\$43.00	\$47.00	7-1/4	4-3/4x5-1/2	4-1/4	5
3	29.00	48.00	52.00	8-1/2	5 x6-1/4	5-3/16	7



FLAT TOP BOW LIGHT—Fig. 5

Classes 2 & 3 — Clear Fresnel Lens — Bottom Opening — Spring Fount — Electric Only — Double Contact Socket

Class	Galv. Each	Polished Brass Each	Chrom. Plated Each	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds Each
2	\$13.50	\$21.50	\$23.50	7-1/4	4-1/2x5	4-1/4	2-1/2
3	14.50	24.00	26.00	8-1/2	5-1/2x6-1/4	5-3/16	3-1/4

With Red, Green, Blue or Amber Lens: Class 2 Add \$3.00 Each, Class 3 Add \$3.50 Each.

All lights on this page with medium screw electric sockets, add \$1.50 each.



ANCHOR LIGHT—Figs. 0-2 and 0-6
Turret Top — Removable Guards — Oil or Electric — Clear Fresnel Lens

Fig.	Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Diam. Base Inches	Height Lens Inches	Weight Pounds
0-2	\$13.00	\$18.50	\$21.50	8-5/8	4-1/2	3-5/16	2
0-6	16.25	24.50	27.50	11-3/4	5-5/8	4-1/4	3

Combination Oil and Electric, Add \$3.25 each.



Fig. 0-2 Junior



Fig. 0-6 Senior

ANCHOR LIGHTS—Fig. 11 Junior & Fig. 12 Senior
Flat Top — Removable Guards — Electric Only — Double Contact Socket — Clear Fresnel Lens

Fig.	Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Diam. Base Inches	Height Lens Inches	Weight Pounds
11	\$11.55	\$15.50	\$19.25	6	4-1/2	3-5/16	1-1/2
12	13.75	20.50	23.50	9	5-5/8	4-1/4	2-1/2

With Red, Green, Blue or Amber Lens: Figs. 0-2 and 11, add \$2.75 each, Figs. 0-6 and 12, add \$3.00 each. All above lights with medium screw electric sockets, add \$1.50 each.

SPARE PARTS

Lenses, Fig. 261, Clear, for Figs. 0-2 and 11	Each	\$2.90
Lenses, Fig. 261, Clear, for Figs. 0-6 and 12	3.55	
Oil Founts, Fig. 287, Brass, for Fig. 0-2	3.25	
Oil Founts, Fig. 286, Brass, for Fig. 0-6	3.25	
Oil and Electric Founts, Fig. 735, for Fig. 0-2	7.75	
Oil and Electric Founts, Fig. 736, for Fig. 0-6	7.75	
Oil Burners, Fig. 246, No. 0, Brass, for Fig. 0-2	1.10	
Oil Burners, Fig. 246, No. 1, Brass, for Fig. 0-6	1.10	



Fig. 11 Junior
 Fig. 12 Senior

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
\$38.75	4-1/4	14	7	3-1/2	4-1/2

With Red, Green, Blue or Amber lens, add \$3.00 each. Fig. 596-A Fount complete \$18.00 each. Light only less Fount, \$20.00 each. Spare burners, wicks and chimneys, see Figs. 245 and 272. Spare lenses, see Fig. 261.



Fig. 596



Fig. 596A

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

With Red, Green, or Blue globe, add \$2.00 each.
 With electric adapter Fig. 292, add \$1.50 each.



Fig. 49



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	\$138.00	\$186.00	\$198.00	6-3/4	11-1/4	16-1/4
2	172.00	228.00	244.00	7-1/2	13-1/4	24
3	204.00	264.00	282.00	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	\$ 69.00	\$ 93.00	\$ 99.00	6-3/4	11-1/4	9-1/2
2	86.00	114.00	122.00	7-1/2	13-1/4	14
3	102.00	132.00	141.00	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	\$ 69.00	\$ 93.00	\$ 99.00	6-3/4	11-1/4	8-1/2
2	86.00	114.00	122.00	7-1/2	13-1/4	11
3	102.00	132.00	141.00	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	\$ 69.00	\$ 93.00	\$ 99.00	6-3/4	10-1/2	10
2	86.00	114.00	122.00	7-1/8	12-3/4	14-1/4
3	102.00	132.00	141.00	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	\$ 76.00	\$100.00	\$106.00	6-3/4	10-1/2	10
2	93.50	122.00	130.00	7-1/8	12-3/4	14-1/4
3	113.00	144.00	153.00	8-1/2	14-5/8	20-1/4

Recommended For Size Vessel

No. 1 — 65 to 150 Ft.

No. 2 — 150 to 300 Ft.

No. 3 — Over 300 Ft.

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". \$8.50 each.

Spare mounting brackets, No. 1 — \$1.60 each. Nos. 2 and 3,

\$2.35 each.



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	\$126.50	\$174.00	\$186.00	5-1/2	13-3/4	14
1	138.00	186.00	198.00	6-3/4	15	16
2	172.00	228.00	244.00	7-1/2	17-1/2	25
3	204.00	264.00	282.00	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	\$ 63.25	\$ 87.00	\$ 93.00	5-1/2	13-3/4	8
1	69.00	93.00	99.00	6-3/4	15	8-3/4
2	86.00	114.00	122.00	7-1/2	17-1/2	15
3	102.00	132.00	141.00	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	\$ 63.25	\$ 87.00	\$ 93.00	5-1/2	13-3/4	7
1	69.00	93.00	99.00	6-3/4	15	8
2	86.00	114.00	122.00	7-1/2	17-1/2	11
3	102.00	132.00	141.00	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	\$ 63.25	\$ 87.00	\$ 93.00	5-1/2	13-1/4	8-3/4
1	69.00	93.00	99.00	6-3/4	14-1/2	10
2	86.00	114.00	122.00	7-1/8	17-1/4	17
3	102.00	132.00	141.00	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	\$ 68.75	\$ 93.00	\$ 99.00	5-1/2	13-1/4	8-3/4
1	75.00	100.00	106.00	6-3/4	14-1/2	10
2	93.50	122.00	130.00	7-1/8	17-1/4	17
3	113.00	144.00	153.00	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 \$3.50 each.

OIL AND ELECTRIC

With Fig. 288 Medium Screw Adapter, add \$6.50 each.
With Fig. 1082 3 Wire Mogul Adapter, add \$10.00 each.



Fig. 1155



Fig. 1156



Fig. 1157



Fig. 1158

Fig. 1159



Oil Lamp used
in Lights on
this page

No.	Each
0 or 1 Comp.	\$10.75
2 or 3 Comp.	11.50

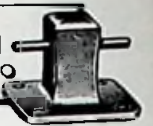
Recommended For Size Vessel

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

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	\$104.00	\$146.00	\$158.00	5-1/2	10-1/2	10-1/2
1	110.00	158.00	170.00	6-3/4	11-3/8	12
2	138.00	194.00	212.00	7-1/2	13-1/4	21



Fig. 983

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	\$ 52.00	\$ 73.00	\$ 79.00	5-1/2	10-1/2	6-3/4
1	55.00	79.00	85.00	6-3/4	11-3/8	7-1/2
2	69.00	97.00	106.00	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.



Fig. 986

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	\$ 52.00	\$ 73.00	\$ 79.00	5-1/2	10-1/2	5-3/4
1	55.00	79.00	85.00	6-3/4	11-3/8	6-1/4
2	69.00	97.00	106.00	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.



Fig. 32
 Fig. 84

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	\$ 52.00	\$ 73.00	\$ 79.00	5-1/2	9-1/4	7-1/2
1	55.00	79.00	85.00	6-3/4	10-1/4	8-1/2
2	69.00	97.00	106.00	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	\$ 57.00	\$ 79.00	\$ 85.00	5-1/2	9-1/4	7-1/2
1	61.00	86.00	92.00	6-3/4	10-1/4	8-1/2
2	77.00	106.00	114.00	7-1/8	13	12-3/4

Recommended For Size Vessel

No. 0 — 65 to 90 Ft.

No. 1 — 90 to 150 Ft.

No. 2 — 150 to 300 Ft.

NOTES

Above prices do not include bulbs.

With 3 wire mogul adapter Fig. 1082 for double filament bulb, add \$3.50 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	\$104.00	\$146.00	\$158.00	5-1/2	14	12-1/2
1	110.00	158.00	170.00	6-3/4	15	13-1/2
2	138.00	194.00	212.00	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	\$ 52.00	\$ 73.00	\$ 79.00	5-1/2	14	7-1/2
1	55.00	79.00	85.00	6-3/4	15	8
2	69.00	97.00	106.00	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	\$ 52.00	\$ 73.00	\$ 79.00	5-1/2	14	6
1	55.00	79.00	85.00	6-3/4	15	6-1/2
2	69.00	97.00	106.00	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	\$ 52.00	\$ 73.00	\$ 79.00	5-1/2	13-3/8	7-1/2
1	55.00	79.00	85.00	6-3/4	14-3/8	9
2	69.00	97.00	106.00	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	\$ 57.00	\$ 79.00	\$ 85.00	5-1/2	13-3/8	7-1/2
1	61.00	86.00	92.00	6-3/4	14-3/8	9
2	77.00	106.00	114.00	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 \$3.50 each.

OIL AND ELECTRIC

With Fig. 288 Medium Screw Adapter, add \$6.50 each.
With Fig. 1082 3 Wire Mogul Adapter, add \$10.00 each.



Fig. 21



Fig. 982



Fig. 985



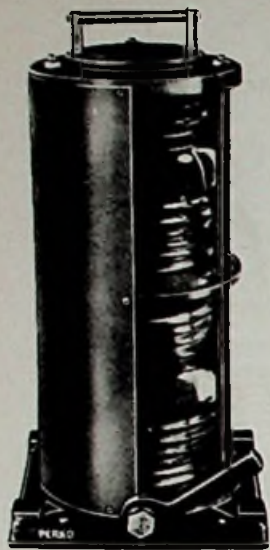
Fig. 23 or 129

Recommended For Size Vessel

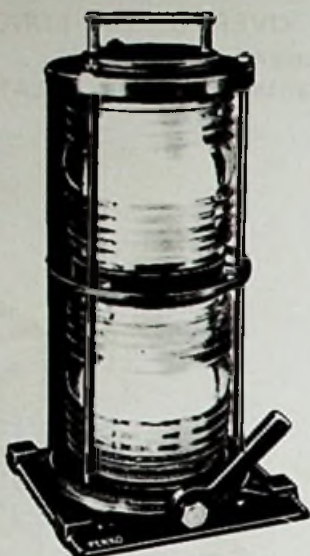
No. 0 – 65 to 90 Ft.

No. 1 – 90 to 150 Ft.

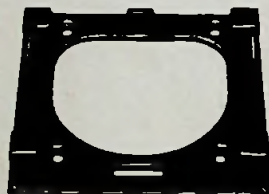
No. 2 – 150 to 300 Ft.



10 Point - 112½°
Fig. 1164



20 Point - 225°
Fig. 1165



Mounting Flange
Fig. 1171



Fig. 1172-P
Fig. 1172-S



Fig. 1169-Clear
Fig. 1170-Red



Fig. 494

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	\$150.00
1164-S	Side Light — Starboard — Green	112-1/2	150.00
1165	Masthead, Range Towing — Clear	225	142.00
1166	Stern — Clear	135	142.00
1167	Anchor — Clear	360	134.00
1168	Breakdown — Red	360	148.00

All Above Supplied With Fig. 1171 Mounting Flange.

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

Spare Lenses Fig. 261 No. 1			
Clear Each	Colored Each	Spare Sockets Each	Spare Rubber Lens Gaskets Each
\$16.50	\$24.50	\$1.45	\$1.00
Height Overall Inches	Height Lens Inches	Weight Pounds	
18	6-3/4	30	

★
SINGLE LENS LIGHTS

Per Above Specifications — Cast Bronze

Fig.	Description	Degrees of Light	Each
1169	Anchor — Clear	360	\$80.00
1170	Breakdown — Red	360	87.00
1172-P	Side Light — Port — Red	112-1/2	90.00
1172-S	Side Light — Starboard — Green	112-1/2	90.00
1173	Masthead, Range Towing — Clear	225	87.00
1174	Stern — Clear	135	87.00

Fig. 1173 or 1174 with colored lens, red or green, add \$6.00 each.

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

★
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
\$72.00	5-1/2	9-3/4	1	10

Please specify color otherwise amber will be shipped.



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	\$34.50	\$37.00	1 medium screw socket
2-C	38.50	41.00	1 mogul 3 wire socket
3	49.00	57.50	1 medium screw socket
3-D	51.50	60.00	1 mogul 3 wire socket

Shielded to 112-1/2°, 135°, or 225°, add \$11.00 each.



Fig. 403

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.



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, \$3.80 each.

COLORED GLOBES can be supplied. Colors are red, green, blue or amber. Add \$1.50 for each globe.

SPARE SOCKETS Porcelain Fig. 222 No. 1, \$.95 each.

SPARE GUARDS Cast Bronze, \$7.00 each.



Fig. 540

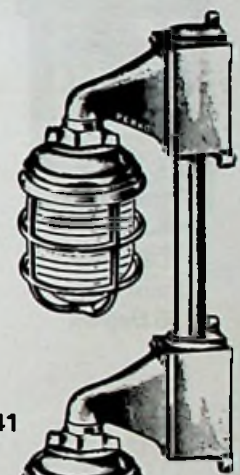


Fig. 541



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	\$19.00	60 to 100	4
1090	Keyless	19.00	60 to 100	4-1/2

Spare Guards, \$6.60 Each. Spare Globes, \$1.65 Each.

Above fixtures have one 1/2 inch I.P.S. tapping. Extra tapping \$1.00 per hole.



Fig. 1087
 Ceiling Type



Fig. 1090
 Bulkhead Type



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

Watertight Type

Figs. 1001, 1002 & 1003

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

	Fig. 1001 Red and Green Per Pair	Fig. 1002 Clear Each	Amber Each	Fig. 1003 Clear Each	Amber Each
Galvanized	\$150.00	\$ 95.00	\$107.50	\$ 95.00	\$107.50
Plain Brass	200.00	124.00	136.50	124.00	136.50
Spare Lenses	31.50	25.50	36.00	15.25	24.50

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

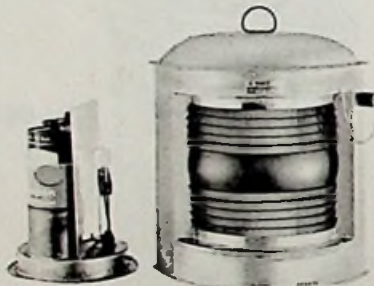


Fig. 1008
Side Lights
112½ Degrees



Fig. 1013
Masthead or
Range Light
225 Degrees



Fig. 1014
Stern Light
135 Degrees

	Fig. 1008 Red and Green Per Pair	Fig. 1013 Clear Each	Amber Each	Fig. 1014 Clear Each	Amber Each
Galvanized	\$117.00	\$79.00	\$92.00	\$79.00	\$92.00
Spare Lenses	31.50	25.50	36.00	15.25	24.50

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, \$18.00 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	\$46.00	\$57.50	4-1/4	14-1/2	5-1/2
2	62.00	76.50	5-1/2	15-3/4	8

Light shielded to 112-1/2, 135 or 225 degrees, add \$11.00 Each.
Spare Battery Containers, Galv. \$14.00 each. Brass \$18.00 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 Each	Height Overall Inches	Weight Pounds
\$68.00	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
\$81.00	\$95.00	5-1/2	16-3/4	9

Light shielded to 112-1/2, 135 or 225 degrees, add \$11.00 each.
Spare Battery Containers, Galv. \$18.00 each. Brass \$22.00 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
\$95.00	\$105.00	4-1/4	14-1/2	13

Light Shielded to various degrees. Add \$11.00 Each.

★

SPARE PARTS FOR FIGS. 443, 470 & 474

- No. 1 Red, Green or Amber Lens, add \$3.00 each.
- Nos. 2 & 3 Red, Green or Amber Lens, add \$7.00 each.
- Spare Bulbs, 6 Volt .04 Amp. Miniature Base. \$.37 each.
- Spare Lenses Fig. 261.
- Spare Switches Fig. 745.
- Spare Sockets, \$.55 each.
- Spare Socket Holder with socket, \$2.40 each.

SPARE PARTS FOR FIG. 485

- Spare Bulbs, \$.50 each.
- Spare Timing Mechanisms, \$23.00 each.
- With Red, Green or Amber Lens, add \$3.00 each.
- Spare Lenses, see Fig. 261. Spare Switches, see Fig. 745.
- Spare Battery and Timer Containers, Galvanized, \$13.75 each.
- Brass \$18.00 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

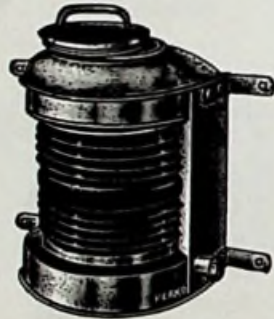


Fig. 31



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	\$81.00	\$109.00	7-3/8	13-1/4
31	Electric only	98.00	126.00	7-3/8	13-1/4
59	Oil or Electric	81.00	109.00	7-3/8	18
59	Oil and Electric	87.50	115.50	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, Mid. 59	\$26.00
Electric Socket	1.20
Electric Adapter, Fig. 288, No. 2	6.50
Oil Fount, Fig. 282, No. 2	6.50
Oil Burner, Fig. 242, No. 2	3.50
Oil Wicks, Fig. 302, No. 2	.12
Chimneys, Fig. 267, No. 2	1.55

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
\$132.00	\$110.00	7-1/8	19	24

Mounted on 1-1/2" Brass Pipe and Flange, add \$14.50 Each. Mounted on 2" Brass Pipe and Flange, add \$31.00 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.



PERKINS MARINE LAMP & HARDWARE CORP.



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	\$132.00	\$115.00	7-3/8	9-1/4
125	156.00	126.00	7-3/8	19
1010	187.00	160.00	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 \$14.00 each.
 Fig. 125 mounted on 2" brass pipe and flange, add \$31.00 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 \$15.00 set up charge then the following for length longer than standard.

1" pipe—add \$.50 per inch
 1-1/2" pipe—add .85 per inch
 2" pipe—add 1.15 per inch



Fig. 125

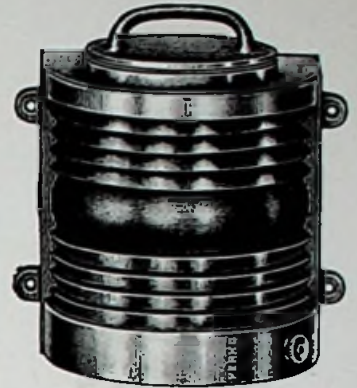


Fig. 1005

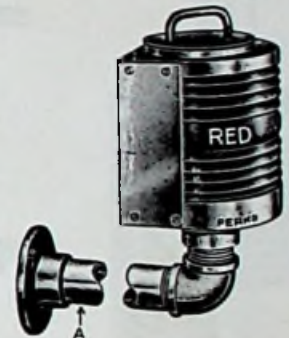


Fig. 1010

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 \$18.00 each. Colored \$26.00 each.

360 DEGREE LENSES—For figs. 68-80-126-1006-1011. Clear \$19.00 each, Colored \$29.00 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 \$8.50 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 \$1.55 each.

ELECTRIC ADAPTER—For figs. 29-50-59-68-80 \$1.55 each.

OIL FOUNTS—Brass - For figs. 50-59-80 . . \$6.50 each.

OIL BURNERS—Brass—For above founts . . \$3.50 each.

OIL WICKS—For above burners \$.12 each.

CHIMNEYS—For above burners \$1.55 each.



Fig. 35

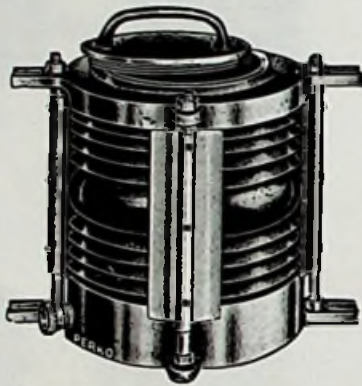


Fig. 39



Fig. 50

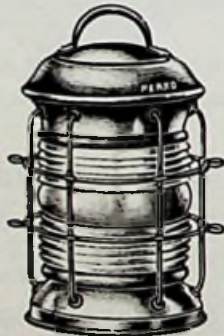


Fig. 68

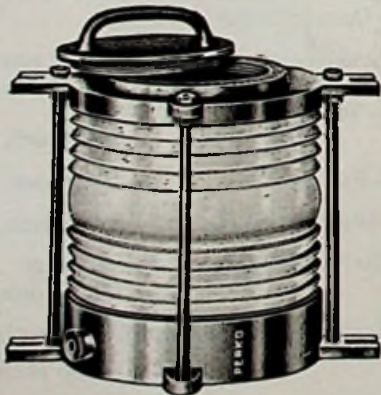


Fig. 1006



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	\$110.00	\$142.00			\$12.00
39 Elec. only			\$174.00	\$154.00	12.00
50 Oil or Elec.	92.50	122.50			12.00
50 Oil and Elec.	99.00	129.00			12.00

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 \$15.00 each. 1-1/2" pipe add \$30.00 each. 2" pipe add \$47.00 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	\$ 77.00	\$106.00		
1006 Electric only			\$108.00	\$93.50
80 Oil or Elec.	93.50	122.00		
80 Oil and Elec.	100.00	128.50		

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.

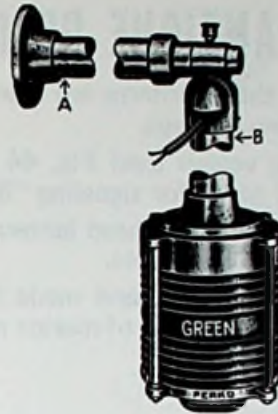


Fig. 1011

Cast Bronze Each	Cast Aluminum Each	Height Lens Inches	*Height Overall Inches	Bronze Weight Pounds
\$204.00	\$176.00	7-1/8	20-1/4	36

With Alternate Red and Green 60 degree or 90 degree Lenses per Fig. 39, add \$35.00 Each.

Special length of pipe at "A" or "B", add \$15.00 set up charge then \$1.15 for each additional inch.

*Height does not include handle.



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.	Cast Bronze Each	Cast Aluminum Each	*Height Overall Inches	Height Lens Inches	Bronze Weight Pounds
22	\$348.00	\$297.00	30-1/2	7-3/8	54
127	276.00	231.00	18-1/2	7-3/8	36
1012	408.00	352.00	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 \$15.00 set up charge then \$1.15 for each additional inch.

*Height does not include handle.



Fig. 127



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	\$27.00	\$35.00	11	3
2	8	33.00	42.00	14-1/2	6
3	10	59.00	73.00	17-3/8	8-1/2

Distress Light with Red Globe, Add \$7.00 Each.
Also available blue or white frosted globe —
Same price as red. Electric same price as oil.

SPARE PARTS

Size	Globes	Burners	Oil	Counts	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	\$63.00	7 x 9-1/2 x 13
2	74.00	9 x 13 x 17

Spare brass founts only, \$8.00 each. Specify size required.
Spare reflectors, \$6.00 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	\$66.50	7 x 9-1/2 x 13
2	77.50	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	\$44.00	11	6	3
2	50.00	14	8	4-1/2
3	76.00	16-1/2	10	6-1/2

With colored Globe Nos. 1 and 3 (red or blue), No. 2 (red, green or blue), add \$2.00 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	Chromium Plated Each
1	\$25.50	\$28.50
2	30.00	33.00

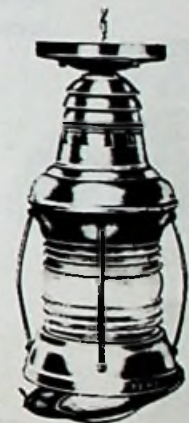
Canopy and Chain — Fig. 1024

No.	Polished Brass Each	Chromium Plated Each
1	\$26.50	\$29.50
2	31.50	34.50
3	88.00	98.00
4	106.00	116.00



CANOPY AND CHAIN

Fig. 1024



FLUSH CANOPY

Fig. 1023

Wall Bracket — Fig. 1025

No.	Polished Brass Each	Chromium Plated Each
1	\$27.00	\$30.00
2	32.50	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	3	4
2	11-3/4	5-5/8	4-1/4	4	2	3	4	5
3	14-1/2	7-1/2	6-3/4	10	3	4	5	6
4	17-3/4	9-3/4	7-1/8	14	4	5	6	7

COLORED LENSES
 Red—Green—Amber—Frosted

No. 1 \$2.00
 No. 2 2.40
 No. 3 6.00
 No. 4 7.00



Fig. 242



Fig. 246



Fig. 302



Fig. 245



Fig. 272

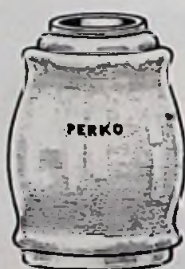


Fig. 262



Fig. 267

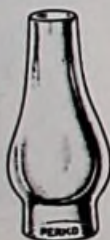


Fig. 230



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	\$42.00	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	\$13.20	7/8	1/2
1	13.20	7/8	5/8



FLAT WICKS—Fig. 302

	Per Dozen
Flat Wicks, No. 0, 1/2 inch wide	\$1.08
Flat Wicks, No. 1, 5/8 inch wide	1.20
Flat Wicks, No. 2, 7/8 inch wide	1.44



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
\$69.00	\$21.00	\$2.65	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	\$19.80	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
\$10.80	\$13.20	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	\$ 7.50	\$12.00	3-1/8	3-1/8	6-3/16
8	10.00	16.00	4	4	7-1/2
10	15.00	24.00	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. \$15.60 per dozen
Frosted. \$18.00 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 \$16.80 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	\$3.25	3-5/8	3-3/16	2-1/2
291	4.50	3-5/8	3-3/16	3
292	4.50	3-5/8	3-3/16	3-1/2
*733	Oil only	3-1/2	2-5/8	2
733	Oil and Electric	7.75	3-1/2	2-5/8
736	7.75	3-5/8	3-3/16	4-1/2

*Supplied without burner or wick.

Fig.	For Lights Figs.
286	06-17-18-19-20-49-176 and 44, 8 inch size
291	4-5-06-12-17-18-19-20-176
292	06-12-17-18-19-20-49-176-408 No. 0 and 44, 8 inch size
733	1
736	06-17-18-19-20



SWIVEL TYPE--For Motorboat Lights

Fig.	Each	Diameter Overall Inches	Opening In Light Inches	Weight Per Dozen Pounds
274	\$4.50	4-1/2	4	4
287	3.25	4-1/2	4	3
293	4.50	4-1/2	4	4
735	7.75	4-1/2	4	4-1/2

Fig.	For Lights Figs.
74	02-11-69 and 44, 6 inch size
287	02-69 and 44, 6 inch size
293	02-11-69 and 44, 6 inch size
735	02-69



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	\$5.75	\$10.75	\$6.50	\$10.00
1	5.75	10.75	6.50	10.00
2	6.50	11.50	6.50	10.00

*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.



NOTES

- Oil burners and wicks, see Figs. 242, 246, and 302.
- D. C. Electric sockets for Figs. 291 and 293, see Fig. 355.
- D. C. Electric sockets for Figs. 733, 735 and 736, see Fig. 276.
- Medium screws sockets for Figs. 274, 288 and 292, see Fig. 346, No. 1.
- Chimneys - See Fig. 267



Fig. 286
Oil



Fig. 736
Oil and Electric
Double Contact



Fig. 291
Electric
Double Contact



Fig. 733
Oil and Electric
Double Contact



Fig. 292
Electric
Medium Screw



Fig. 274
Electric
Medium Screw



Fig. 287
Oil



Fig. 293
Electric
Double Contact

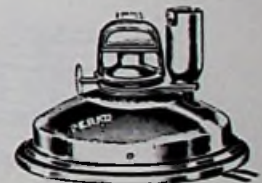


Fig. 735
Oil and Electric
Double Contact



Fig. 282
Oil



Fig. 288
Electric
2 Wire
Medium Screw



Fig. 1082
Electric
3 Wire
Mogul



FRESNEL LENSES

FOR SIDE AND COMBINATION LIGHTS
112-1/2 DEGREES

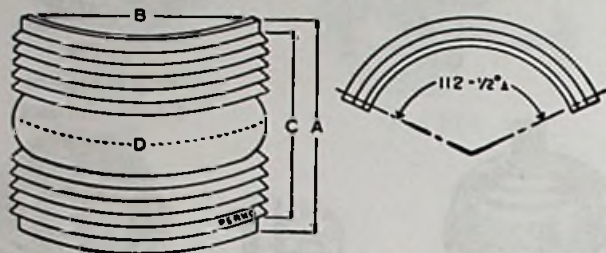


Fig. 259

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	\$3.00
Class 2	4-1/4	3-3/16	3-11/16	4-3/4	3.85
Class 3	5-3/16	3-11/16	4-3/8	5-9/16	5.00

For Vessels Over 65 ft.

No. 0	5-1/2	5-3/4	5	8-5/16	\$12.00
No. 1	6-3/4	6	6	8-5/8	15.75
No. 2	7-1/2	8-1/2	6-7/8	11-3/8	21.00
No. 3	8-1/2	9-3/4	7-3/4	13	24.50

FOR ANCHOR LIGHTS—360 DEGREES

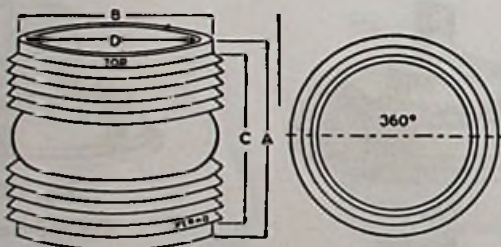


Fig. 261

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	\$2.90	\$3.70
Senior	4-1/4	4	3-9/16	3-7/16	3.55	5.25

For Vessels Over 65 Ft.	A In.	B In.	C In.	D In.	Clear Each	Colored Each
No. 0	5-1/2	5-1/2	5	4-3/8	\$12.00	\$19.00
No. 1	6-3/4	5-1/4	6-1/8	4-1/2	16.50	24.50
No. 2	7-1/8	7-5/16	6-1/8	6-7/8	19.00	29.00
No. 3	8-1/2	8-1/2	7-3/4	7-3/4	24.50	38.50

COLORS AVAILABLE

SIZE

Junior
Senior, 0, 1, 2
3

COLORS

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

FOR BOW LIGHTS—180 DEGREES

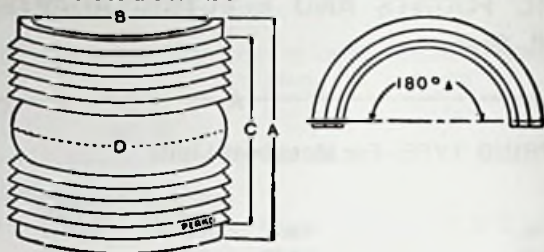


Fig. 260

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	\$3.70	\$6.00
Class 2	4-1/4	3-1/4	3-5/8	6-3/8	3.85	6.15
Class 3	5-3/16	3-7/8	4-9/16	7-13/16	5.00	7.50
Mld. 59	7-3/8	6-7/8	6-3/8	12-5/8		26.00

COLORS AVAILABLE

SIZE

Classes 1, 2, 3
Mid 59

COLORS

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

FOR MASTHEAD LIGHTS—225 DEGREES

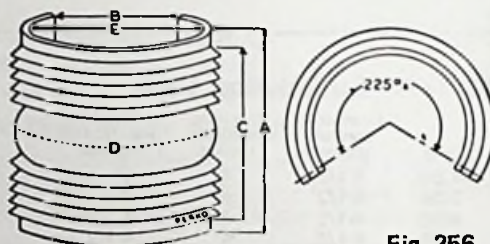


Fig. 256

	A In.	B In.	C In.	D In.	E In.	Clear Each	Colored Each
Class 2	4-1/4	3-3/8	3-5/8	8-3/8	3-1/4	\$ 4.20	
Class 3	5-1/8	3-1/4	4-1/2	10-1/8	4	5.25	
No. 0	5-1/2	4	5	12-1/8	4-3/8	13.25	\$24.75
No. 1	6-3/4	4	6	12-1/8	4-1/2	17.00	28.50
No. 2	7-1/2	5-7/8	6-3/4	16-3/8	6-1/2	25.50	36.00
No. 3	8-1/2	6-7/8	7-5/8	18-5/8	7-3/4	29.50	

COLORS AVAILABLE

SIZE

Nos. 0, 1, 2

COLORS

Red, Amber

FOR STERN LIGHTS—135 DEGREES

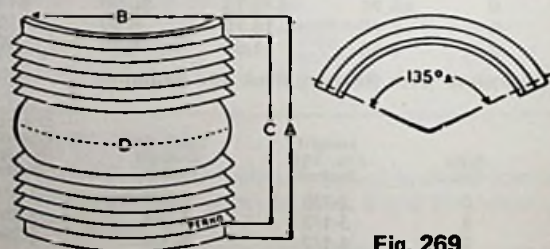


Fig. 269

	A In.	B In.	C In.	D In.	Clear Each	Colored Each
Class 2	4-1/4	3-1/2	3-5/8	4-7/8	\$ 3.65	\$ 7.35
Class 3	5-1/8	3-5/8	4-1/2	6	7.35	9.50
No. 0	5-1/2	4-3/8	4-7/8	7-1/2	11.00	14.00
No. 1	6-3/4	4-3/8	6-1/8	7-1/2	13.25	15.00
No. 2	7-1/2	6-3/8	6-3/4	10	15.25	24.50
No. 3	8-1/2	7-1/2	7-3/4	11-1/4	18.50	28.00

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	\$2.80	\$3.65	\$3.65		
106	3.80	5.25	5.25	\$5.25	\$5.25
248-P	1.10				
249	3.15				
250	2.40	2.90	2.90	2.90	2.90
604-P	1.10	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. 83, 112, 113, 145, 309, 540, 541, 542.
 FIGS. 248-P and 250 for Light Figs. 41, 48, 329, 362, 371, 422, 428, 438, 455, 491, 605, 645, 658, 660, 687, 1134, 1135, 1137, 1147, 1209, 1233, 1258, 1294.
 FIG. 249 for Light Figs. 103, 104.
 FIG. 604 for Light Figs. 404, 609.



Fig. 249



Fig. 250



*Fig. 604-P

*Globes are high grade acrylic plastic.



PLASTIC GLOBES ACRYLIC

Fig.	Each	Height Inches	Inside Diam. Inches	Weight Ounces
74-P	\$.65	1-1/4	1-3/8	1/2
186-P	.80	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.



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	\$1.60		\$1.60	2-3/4		2-3/4
4		\$3.15	2.10	4	4-1/4	4
5		3.65	2.30	5	5-3/8	5
6	2.65		2.65	6		6
8	3.40			7-3/4		



Fig. 132



Fig. 133



Fig. 257

Fig. 132 frosted, for Figs. 296 and 753.
 Fig. 133 Opal, for Fig. 385.
 Fig. 257 diffusing, for Figs. 294, 300, 308 and 555.

281-P - we still have



ALL ILLUSTRATIONS
SHOW ACTUAL SIZE OF BASE



Bayonet
Double Contact
(D.C.)



Miniature
Bayonet



Miniature
Screw



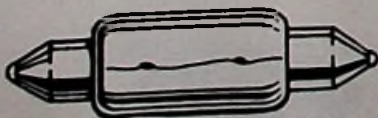
Medium
Screw



Medium
Prefocus



Mogul



Cartridge Type

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	
3 -	6-8	3			3/4	.25	
4 -	6-8	6			3/4	.25	
10 -	12-16	4			3/4	.21	
11 -	12-16	6			3/4	.25	
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	.86	
23 -	120			10	7/8	.53	

Packed 10 Lamps to a box.

FIG. 53 MINIATURE SCREW BASE

1 -	1.35		.06		3/8	.44	
2 -	6		.04		9/16	.37	

FIG. 56 MINIATURE BAYONET BASE

1 -	1.3		.1		7/16	.34	
2 -	6	1.5	.40		7/16	.40	
3 -	12	2			9/16	.20	
4 -	12	6			13/32	.40	

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
10 -	32			15	1-3/8	1.68	
11 -	32			15	2-1/8	1.15	.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	

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	

FIG. 70 CARTRIDGE TYPE BASE

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

FIGS. 800 to 811 HIGH POWER LAMPS FOR SEARCHLIGHTS -
SEE PAGE 68.



4-WAY CONNECTOR FOR TRAILER LIGHTS—Fig. 739

This lustrously, chormium 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.

Each	Length Overall Inches	Width Flange Inches	Weight Ounces
\$3.25	3-3/4	2-1/8	4-1/2

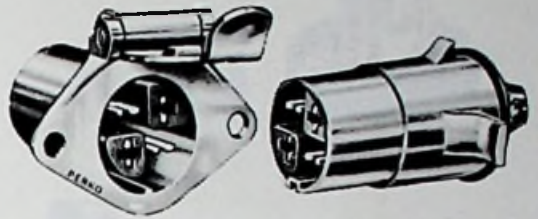


Fig. 739

4-PRONG CONNECTOR—Fig. 751

Bakelite Body — Soft Rubber Caps — Screw Terminals — Fixed Polarity — All Brass
Excellent for boat trailer electrical hookups.

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

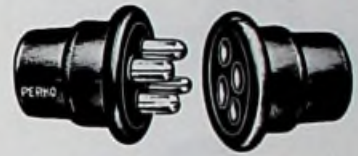


Fig. 751

Standard package 10 pieces.

DOUBLE CONTACT CONNECTOR—Fig. 749

Hard Rubber Insulation — Brass Contacts — Soft Rubber Waterproof Caps

Each	Size Inches	Weight Dozen Ounces
\$1.15	15/16 x 2-1/2	10



Fig. 749

Standard package 10 pieces.

DOUBLE CONTACT CONNECTOR—Fig. 42

Hard Rubber Insulation — Brass Contacts

Each	Size Inches	Weight Dozen Ounces
\$.85	1 x 9/16	6



Fig. 42

BAYONET DOUBLE CONTACT SOCKETS—Fig. 747

Brass Case — Hard Rubber Insulation

Each	Length Inches	Outside Diameter Inches	Weight Dozen Ounces
\$1.20	1-1/8	11/16	6



Fig. 747

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

BAYONET DOUBLE CONTACT SOCKET WITH PIGTAILS—Fig. 52

Brass Case — Bronze Spring

An improved socket having a single coil spring below contact platform. A more positive contact. Has 5 inch wire pigtails.

Each	Outside Diameter Inches	Length Inches	Weight Ounces
\$.55	11/16	7/8	1/2



Fig. 52

Standard package 10 pieces.

This socket used with the following items:

277	371	438	1138
294	375	491	1139
296	385 #7	521	1144
329	422 #1	980	1282
348	422 #2	984	1283
362	428		

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



Fig. 472

BAYONET SOCKETS—Fig. 472
Phenolic — Single and Double Contact

No.	Each	Type	Height Inches	Diam. Base Inches	Weight Dozen Ounces
20	\$1.55	Double contact	1	1-3/8	9
21	1.55	Single contact	1	1-3/8	9

Standard package 10 pieces.



Fig. 276

BAYONET DOUBLE CONTACT SOCKETS—Fig. 276

Brass Case — Tapped 1/8 Inch I.P.S.
Used in De-Lite motor boat lights, classes 1, 2 and 3 and various types of dome lights.

No.	Each	Length Overall Inches	Weight Per Dozen Ounces
0	\$1.10	1-1/2	7
2	1.10	2	11
3	1.10	2-3/8	14
4	1.10	3	16



Fig. 222

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	\$.95	\$.12	1-5/8	2x1-1/4	1-1/2



Fig. 346

MEDIUM SCREW SOCKETS—Fig. 346

Phenolic — 250 Volts — 660 Watts — Approved by the U.S.C.G. and U.S.M.A.

With 1/8 or 3/8 inch I.P.S. thread.

No.	Each	Size Thread Inches	Height Inches	Extreme Diameter Inches	Weight Dozen Pounds
1	\$.75	1/8	1-7/8	1-3/8	1
2	.75	3/8	1-7/8	1-3/8	1

Standard package 5 pieces.



Fig. 270

MOGUL 3-WIRE SOCKET—Fig. 270

Phenolic — Navy Drawing 9-4779-L — 600 Volts — 1500 Watts

For use with double filament bulb Fig. 532.

Each	Height Inches	Outside Diam. Inches	C to C of Mounting Holes inches	Weight Ounces
\$3.75	2-3/16	2-1/8	1-3/8	6

With white metal mounting cap tapped 3/8 inch I.P.S. add \$.40 each.



Fig. 405

ELECTRIC SOCKET ADAPTERS—Fig. 405

For Converting Various Types of Sockets

No.	Each
1—From Bayonet Dble. Contact to Med. Screw	\$1.20
2—From Med. Screw to Bayonet Dble. Contact	1.50
3—From Mogul to Medium Screw	1.50

Standard package 5 pieces.



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.



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.



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	\$10.75	\$18.50		3/8
2	1/4	9.35	17.00		3/8
3	5/16	10.25	17.00	\$23.50	1/2
4	3/8	10.25	17.25	24.50	1/2
5	1/2	11.50	19.25	28.50	1/2

Standard package 100 pieces per 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	6 Volt
Fan	Port Light	12 Volt
Flood Lights	Radio	32 Volt
Forward	Range Light	110 Volt
Fuel	Reverse	110V AC
Fuel Pump.	Running Lights	110V DC
Heater	Searchlight	

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. 196



Fig. 121



Fig. 163
Single



Fig. 164
Double



Fig. 165
Triple

BE SURE TO SPECIFY SIZE



Fig. 519



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
\$21.50	6-1/2x4-1/4	10

Spare Switches, See Fig. 745, No. 2
Spare Fuse Holders, \$.80 each.



FUSE PANELS—Fig. 626

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

Number of Gangs	Each	Dimensions Inches	Weight Ounces
3	\$1.85	2-1/4x2-7/16x3/16	2
4	2.55	3 x2-7/16x3/16	2-1/4
5	3.05	3-3/4x2-7/16x3/16	2-1/2
6	3.75	4-1/2x2-7/16x3/16	2-3/4

Standard package 5 pieces



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	\$ 7.00	3 x3-5/16x3/16	3-1/2
6	9.65	4-1/2x3-5/16x3/16	5
8	12.25	6 x3-5/16x3/16	7
12	18.25	9 x3-5/16x3/16	11

Standard package 5 pieces.



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	\$3.00	3 x2-7/16x3/16	2
6	4.65	4-1/2x2-7/16x3/16	3
8	6.20	6 x2-7/16x3/16	4
12	8.50	9 x2-7/16x3/16	6-1/2

Standard package 5 pieces.



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.



TERMINAL BLOCKS—Fig. 627

Molded Plastic Base — Brass Parts

Number of Gangs	Each	Dimensions Inches	Weight Ounces
2	\$1.15	1-1/2x1-1/2x3/16	1-3/4
4	2.20	3 x1-1/2x3/16	2
6	3.30	4-1/2x1-1/2x3/16	2-1/4

Supplied in even number of gangs only.

Standard package 5 pieces.



Fig. 626

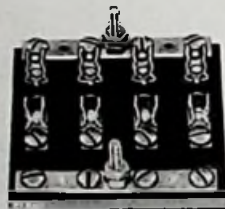


Fig. 647



Fig. 629



Fig. 694



Fig. 627

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".

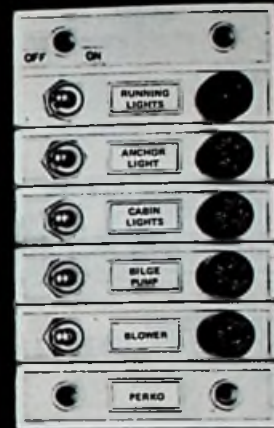


Fig. 512

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.

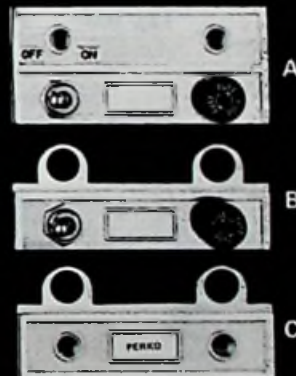


Fig. 511

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

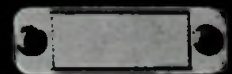


Fig. 531

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 |

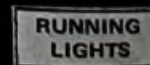


Fig. 490

Each	Dimensions Inches
\$.25	15/16 x 3/8

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

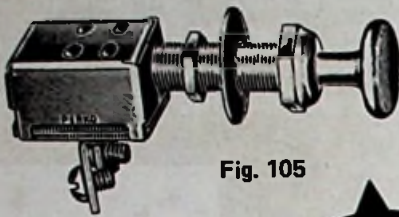


Fig. 105



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	\$1.65	3/8	1	3	3/4	2
2	1.75	3/8	1-1/4	3-1/4	3/4	2-1/2

With Quick Disconnect Terminals

3	\$1.65	3/8	1	3	3/4	2
---	--------	-----	---	---	-----	---

Standard package 10 pieces.

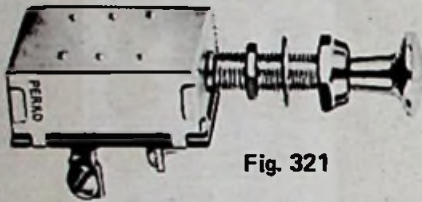


Fig. 321

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.

Each	Diam. Neck Inches	Diam. Knob Inches	For Wood Thickness Inches	Weight Ounces
\$2.25	3/8	3/4	1	3-1/4

Standard package 10 pieces.

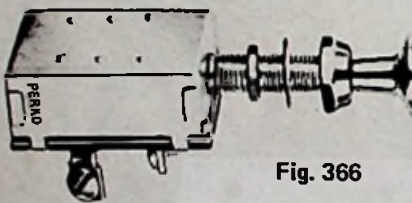


Fig. 366

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.

Each	Diam. Neck Inches	Diam. Knob Inches	For Wood Thickness Inches	Weight Ounces
\$2.25	3/8	3/4	1	3-1/4

Standard package 10 pieces.

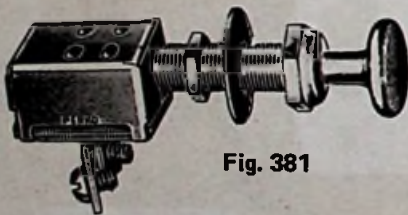


Fig. 381



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.	Each	Diam. Neck Inches	For Wood Thickness Inches	Length Overall Inches	Weight Ounces	
1	\$2.05	3/8	1	3-3/4	3	

With Quick Disconnect Terminals						
3	\$2.05	3/8	1	3-3/4	3	

Standard package 10 pieces.



Fig. 688

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
\$1.05	3/8	7/16	3/16	1

Standard package 10 pieces.



Fig. 745

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
\$.90	7/16	7/16	5/16	3/4

With watertight cap and chain, add \$1.10 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	\$2.00	5/8	1	2-1/2

With Quick Disconnect Terminals

3	\$2.00	5/8	1	2-1/2
---	--------	-----	---	-------

Standard Package, 10 Pieces

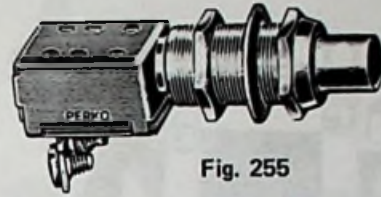


Fig. 255

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	\$2.75	3/4	5/8	4
2	4.40	13/16	1	4-1/2

Standard Package, 10 Pieces

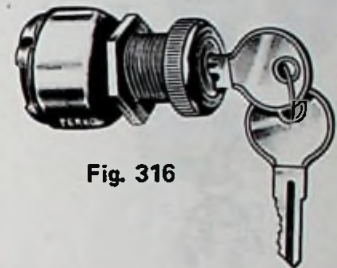


Fig. 316

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
\$4.65	3/4	1-1/16	4-1/2

Standard Package, 10 Pieces

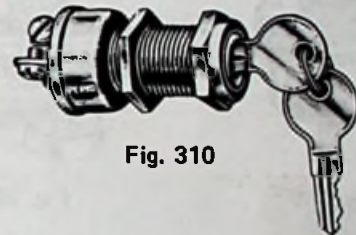


Fig. 310

NEW 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
\$5.25	13/16	1-1/4	8

Standard package, 5 Pieces.

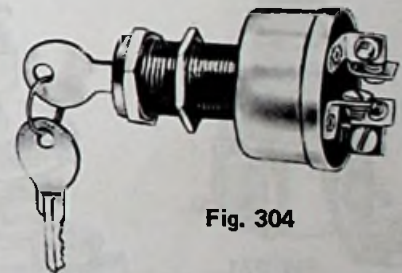


Fig. 304

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
\$13.75	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 \$.55.

Spare Control Knobs \$.75 each.



Fig. 85-A



Fig. 96

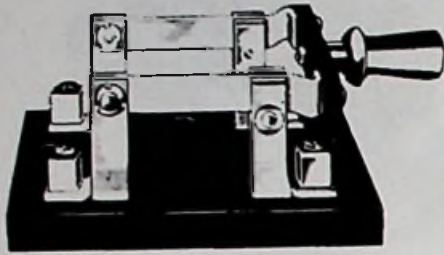


Fig. 191

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	\$ 6.90	60	6-3/4	x 1-5/8	x 5/8	3/4
2	13.75	100	6-3/4	x 2	x 3/4	2-1/2
3	22.50	200	10	x 3	x 1	4

SINGLE POLE — DOUBLE THROW

4	\$11.00	60	9-1/4	x 2	x 3/4	3-1/2
5	25.50	100	10	x 3	x 3/4	4
6	37.50	200	12	x 4	x 1	8

DOUBLE POLE — SINGLE THROW

7	\$10.50	60	6	x 4-1/2	x 5/8	3
8	20.75	100	7-1/8	x 5	x 3/4	3
9	35.25	200	9-1/2	x 6	x 1	10-1/4

DOUBLE POLE — DOUBLE THROW

10	\$16.25	60	9-1/2	x 6	x 3/4	5-1/4
11	39.00	100	10-1/4	x 7	x 3/4	8-1/2
12	54.50	200	15	x 7-3/4	x 1	16



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
\$19.50	\$6.60	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
\$22.75	\$6.60	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
\$22.75	\$22.75	\$6.60	3-1/2	2-3/4	1-3/4



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	\$18.00	\$16.50	4	3	1-1/2	2



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
\$12.75	\$2.60	3	1-3/8	1-3/4



Fig. 969



Fig. 968



Fig. 971
Surface Type

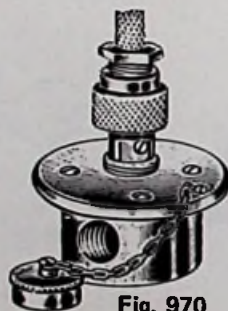


Fig. 970
Flush Type

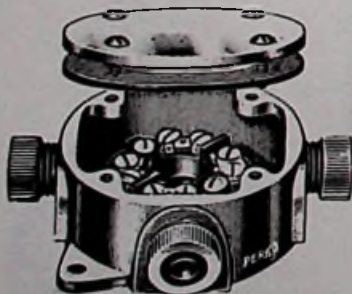


Fig. 1252

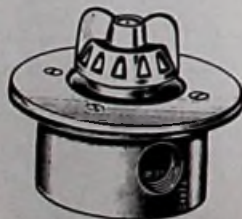


Fig. 974

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. Chromium plated finish supplied to order, price on application.



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
\$4.50	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 \$2.40

Standard Package, 10 Pieces



WATERTIGHT CABLE OUTLET—Fig. 424

All Brass — for 5/16 inch cable

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

Chromium Plated Each	Extreme Diameter Inches
\$2.60	1-1/4

Standard Package, 10 Pieces



WATERTIGHT CABLE OUTLET—Fig. 1191

Zamak — Chromium Plated

Same as above Fig. 424 in every detail except flange and cap are Zamak.

Each \$1.65

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
\$.75	2-1/8	5/8	3/4

Standard Package, 10 Pieces



DASHBOARD LAMP — Fig. 184

Brass — Chromium Plated — Double Contact Socket With Switch

Bulb is not included.

Each	Length Overall Inches	Size Base Inches	Weight Ounces
\$3.25	2-1/2	1-11/16 x 1-3/16	1-3/4

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
\$1.30	2-5/8	2-1/8	1-1/2	1

Standard Package, 10 Pieces



Fig. 1189



Fig. 1190



Fig. 424



Fig. 1191



Fig. 786



Fig. 184



Fig. 275



**20
AMP.**

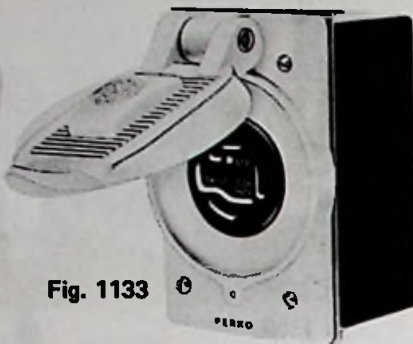


Fig. 1133

SHIP TO SHORE CONNECTIONS

20 Amp. 125/250 Volts A.C. or D.C. — 3 Wire

DOCKSIDE OUTLET RECEPTACLE—Fig. 1133

Self Closing Snap Cover

3-wire, 20 Amp. "Twist-Lock" outlet and a black non-metallic box with two 3/4" I.P.S. molded in knockouts.

Complete Each, \$21.50

SHIP RECEPTACLE FOR POWER INLET—Fig. 1125

Fig. 1125 Ship Receptacle — Polished chrome plated wrought brass receptacle is sealed with a tight fitting, black Neoprene stopper which is attached with a brass chrome plated bead chain. Contacts and screws are brass. Screw terminals provide for inside wiring. Highly corrosion resistant. Depth through hull is 1-3/4".

Each \$6.50

LIVE CONNECTOR — Fig. 1126

Fig. 1126 Connector Body — Female design provides safe handling...no dangerous "live" prongs. High impact Bakelite body is covered with seal-tite Neoprene covering which forms a moisture proof gasket when locked into ship receptacle. Fitted with brass screws and contacts, the unit is easily wired to screw terminals inside the body. Highly corrosion resistant. Overall length is 3-5/8".

Each \$7.25

SHORE PLUG TO DOCKSIDE OUTLET—Fig. 1127

Fig. 1127 Shore Plug — Standard design fits conventional 3 wire grounded dockside receptacle. Embodies same quality materials and workmanship as Fig. 1126 above. Overall length is 3-5/8".

Each \$5.25

SHIP RECEPTACLE FOR POWER INLET—Fig. 1128

With Snap Cover

Fig. 1128 Ship Receptacle — Made of sturdy, reinforced fiberglas, this unit is fitted with a snap cover hinged on a stainless steel pin. A stainless steel spring closes cover tightly on a Neoprene gasket to render the unit virtually waterproof. Frame is also fastened down on a similar gasket. All parts are noncorrosive including nickel plated brass screws and contacts. Screw terminals are provided for inside wiring. Frame and cover are impregnated with a high visibility yellow finish. Frame measures 4-5/8" x 2-7/8"; through hull depth is 1-1/2"; thickness outside hull is 1".

Each \$15.00



Fig. 1125



Fig. 1126



Fig. 1127

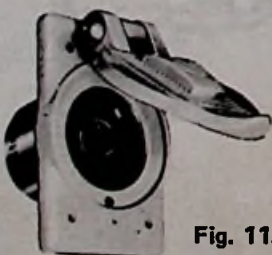


Fig. 1128



SHIP RECEPTACLE FOR POWER INLET – Fig. 1122

Fig. 1122 Ship Receptacle— Polished chrome plated forged bronze screw cap and flange are linked with monel metal bead chain. Neoprene gaskets under flange and cap render receptacle waterproof. All parts are noncorrosive including contacts and screws which are nickel plated brass. Bakelite base provides convenient back wiring. Flange face measures 3" x 3"; through hull depth is 13/16"; thickness outside hull is 1-1/8".

Each \$23.50

LIVE CONNECTOR – Fig. 1123

Fig. 1123 Connector Body— Female design eliminates danger of protruding "live" prongs. High impact Bakelite body is shrouded with a tight fitting seal-tite cover. When locked in place, covering serves as a moisture proof gasket with ship receptacle. Cord grip adjustable from .625" to 1" diameter cable. Unit is easily wired because of exclusive screwless pressure grip terminals. Noncorrosive throughout. Length overall is 3-7/8".

Each \$12.50

SHORE PLUG TO DOCKSIDE OUTLET – Fig. 1124

Fig. 1124 Shore Plug —Standard design fits conventional 3 wire grounded dockside receptacles. Embodies the same high quality materials and fabrication as Figure 1123 above. Length overall is 3-5/8".

Each \$7.50

DUPLEX WALL RECEPTACLE

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 \$2.65

Standard Package, 10 Pieces

STAINLESS STEEL MARINE COVER PLATE

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

Each \$1.20

Standard Package, 10 Pieces

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.

30 AMP.



Fig. 1122



Fig. 1123



Fig. 1124



Fig. 1131 Duplex Wall Receptacle

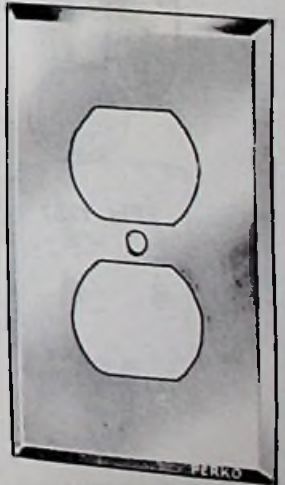


Fig. 1132 Cover Plate

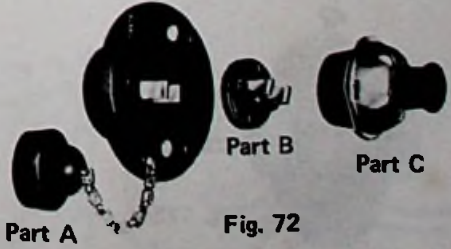


Fig. 72

Complete Each	Diam. Base Overall Inches	Depth Of Base Inches	Diam. Hole Required Inches	Weight Ounces
\$3.95	3-1/8	3/4	1-3/4	5

- Part A – Complete with Cap and Chain, each \$2.30
- Part B – Live Connector only, each \$1.00 Parts B and C – Connector with cover, each \$2.20
- Part C – Less Part B, each \$1.65
- Part A – only supplied complete as illustrated



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		\$2.50	2-1/2x2-1/4	2-1/2	8
450	\$6.50	\$7.00	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
\$3.00	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
\$3.85	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
\$4.00	3-7/8x1-1/2	2-5/8	6

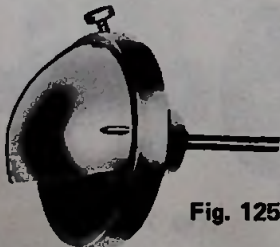


Fig. 1254

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
\$3.55	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
\$6.60	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	\$8.50	\$7.75	4-1/4	3-5/16	5-1/2
2	9.75	8.75	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	\$13.75	5-1/2	4	3-3/8	10-1/2
2	14.75	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
\$2.40	\$1.85	4-1/2	4-5/8	1

Standard Package, 10 Pieces



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
\$2.40	4-1/2	4-5/8	1

Standard Package, 10 Pieces



For Hanging Bulb
Fig. 27



For Upright Bulb
Fig. 28



Fig. 33



Fig. 34

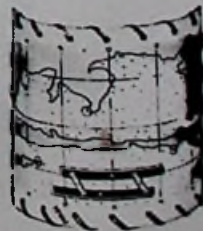


Fig. 36



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	Weight Ounces
1	4	\$7.25	4-1/2	7
2	5	8.30	5-1/2	9



Fig. 300

DOME 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	\$8.15	5-3/8	1-7/8	9
2	5	9.00	6-1/2	2	11



Fig. 294 Diffusing

Fig. 296 Frosted *Disc*

DOME LIGHT — Figs. 294 & 296

Wrought Brass — Chromium Plated — Toggle Switch — Double Contact Socket

With Fig. 257 Diffusing Globe or Fig. 132 Frosted Glass

No.	Diam. Glass Inches	Fig. 294 Each	Fig. 296 Each	Base Inches Diam.	Depth Overall Inches	Weight Ounces
1	3	\$10.75	\$10.75	4-1/4	2	6
2	4	12.25		5-1/2	2-1/4	9
3	5	13.75		6-1/2	2-1/2	15
4	6	16.50	16.50	7-1/2	2-3/4	20



Fig. 385

DOME LIGHT — Fig. 385

Wrought Brass — Opal Globe — Toggle Switch — Double Contact or Medium Screw Socket

With Fig. 52 Double Contact Socket

No.	Chromium Plated Each	Diam. Base Inches	Diam. Globe Inches	Depth Inches	Weight Ounces
8	\$15.50	7	5-3/8	2-5/8	15

With Fig. 346 Medium Screw Socket

9	16.00	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. 555

DOME 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
\$32.00	6	7-7/8	3-1/8	3-3/4

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
\$16.00	9-3/4	3-3/4	1-7/8	14



Fig 318

☆

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	\$38.00	9-1/2	8	3	2
2	41.00	9-1/2	8	3	2-1/4



Fig. 753

☆

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.	Length Overall Inches	Width Overall Inches	Depth Overall Inches	Weight Ounces
761	7	2-3/4	3/4	2
763	6-1/8	2-3/4	1-1/8	2-1/2



Fig. 761

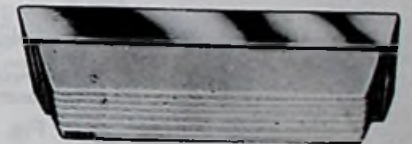


Fig. 763

☆

WATERTIGHT DOME LIGHT – Fig. 1266

Cast Bronze – Double Contact Socket – Diffusing Globe

For small boats. Will accommodate up to a 1-3/8 inch diameter bulb. With nickel plated 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
\$16.00	\$21.50	3-1/2	3-1/4	2-3/4	1-3/4

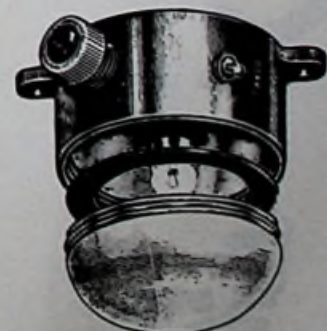


Fig. 1266

Spare Sockets, \$.70 each. Spare Globes, \$1.00 each.
Extra packing glands installed, \$2.50 for each gland.



Fig. 312

UNIVERSAL WALL OIL LAMP – Fig. 312

Brass

Has polished reflector and gives excellent illumination. Uses No. 2 size wick.

Polished Brass Each	Spare Chimneys Each	Spare Burners Each	Height of Back Inches	Diam. of Fount Inches	Weight Pounds
\$10.75	\$1.30	\$1.30	9	5	1-1/2



Fig. 168

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.

No.	Polished Brass Each	Chromium Plated Each	Overall Height Inches	Extension Inches	Capacity Fount Pints	Weight Ounces
0	\$18.25	\$21.00	9	5	1/2	19



Fig. 141

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	\$21.50	\$23.50	10-1/2	5-1/2	1	1-3/4
2	22.50	24.50	12-1/2	6	1-1/4	2



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	\$4.75	\$6.25	3-1/2	3-1/2	3-1/2
1	4.75	6.25	4	3-3/4	4
2	4.75	6.25	4	4	4

No. 0 size is for lamp Fig. 168.

No. 1 and 2 sizes are for lamp Fig. 141.



Fig. 128

SPARE PARTS FOR CABIN LAMPS

No.	Each
0 and 1 Spare Burners Fig. 231	\$1.10
0 and 1 Spare Chimneys Fig. 230	.90
2 Spare Burners Fig. 242 No. 2	3.50
2 Spare Chimneys Fig. 267 No. 2	1.55



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
\$9.75	7-1/2	8	4-1/4	100	3

Spare lenses with gasket, \$4.25 each

Spare rim for lens, \$2.40 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
\$16.75	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	\$23.50		4-1/2	1-7/8
3	36.50	\$40.50	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	\$22.00		4-1/2	1-3/4
3	32.50	\$36.50	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	\$3.75		30	2.5	4-1/2	50M
2	6.00		100	8.3	6	200M
3	6.25		100	8.3	7	250M
3	10.25		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	\$51.75		6	4-7/8 x 3-1/8 x 2	12	4-5/8
**3	51.75	\$55.75	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	\$63.25		6	4-7/8 x 3-1/8 x 2	12	5
**3	63.25	\$67.25	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	\$68.00		\$69.50		\$71.00	
3	68.00	\$72.00	69.50	\$73.50	71.00	\$75.00

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

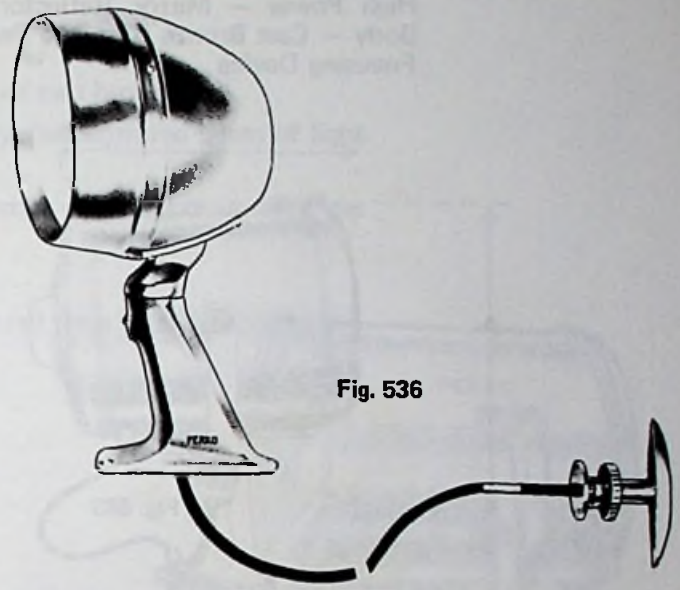


Fig. 536

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 \$2.30 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
	\$144.00	\$144.00	\$163.00

"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

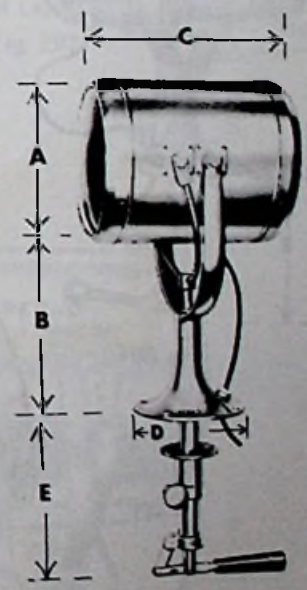


Fig. 305



Fig. 313

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

High Power — Mirror Reflector — 6-12-32-120 Volts — Heavy Gauge Brass Body — Cast Bronze Base and Parts — Waterproof Construction — Conventional Focusing Device

Fig. 883 DECK CONTROL

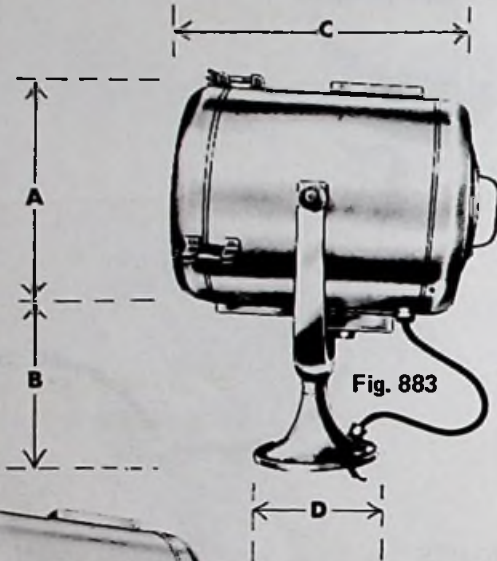


Fig. 883

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1	\$148.00	\$148.00	\$180.00
2	210.00	210.00	245.00
3	260.00	260.00	315.00

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



Fig. 884 LEVER CONTROL

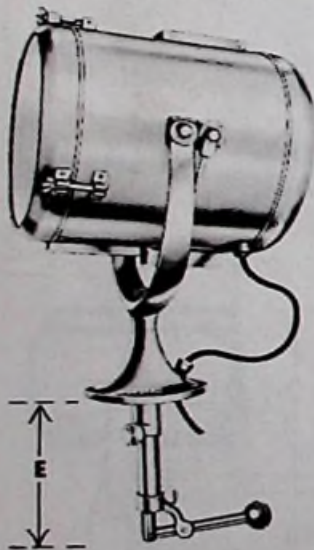


Fig. 884

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1	\$178.00	\$178.00	\$213.00
2	240.00	240.00	280.00
3	290.00	290.00	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



Fig. 885 WHEEL CONTROL

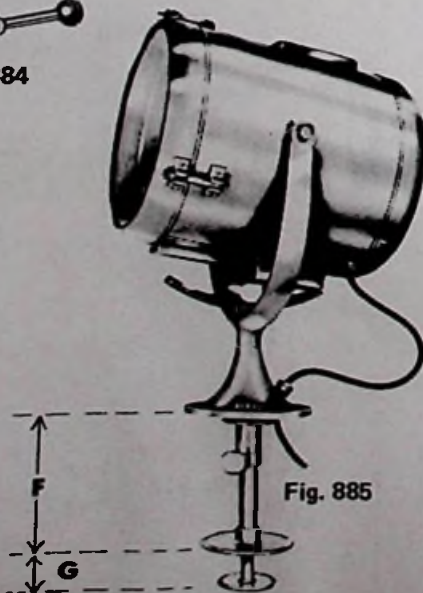


Fig. 885

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1	\$178.00	\$178.00	\$213.00
2	240.00	240.00	280.00
3	290.00	290.00	345.00

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 TO BE USED. SEE PAGE 68.

BULBS NOT INCLUDED IN ABOVE PRICES, SEE PAGE 68 FOR RECOMMENDATIONS AND OTHER INFORMATION.

10 INCH SIZE HAS SINGLE VENTILATION

12 AND 14 INCH SIZES HAVE DUAL VENTILATION



PERKINS MARINE LAMP & HARDWARE CORP.



PERKO HIGH POWERED DE LUXE SEARCHLIGHTS HEAVY DUTY – MARINE

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.

WIRING: enclosed in flexible metal hose, fully protected from weather.

LEVER CONTROLLED SEARCHLIGHT—Fig. 297

Size Inches	Polished Brass Each	Chromium Plated Each
8	\$270.00	\$300.00
10	300.00	333.00
12	370.00	405.00
14	440.00	475.00



WHEEL CONTROLLED SEARCHLIGHT—Fig. 529

Size Inches	Polished Brass Each	Chromium Plated Each
8	\$295.00	\$325.00
10	325.00	358.00
12	395.00	430.00
14	465.00	500.00



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

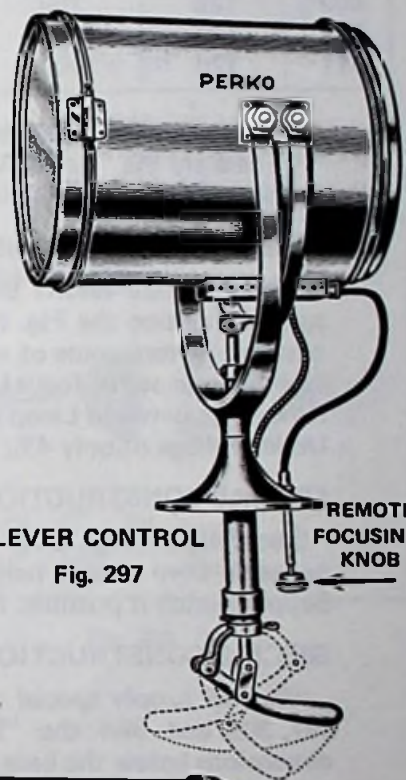
Size Inches	Length of Body Inches	Clearance of Glass in Door Inches	Height Above Deck Inches	Diameter of Base Inches	Weight Pounds
8	12-3/4	7-3/4	19	6-7/8	30
10	14-3/4	9-1/2	21	6-7/8	34
12	17	11-3/4	24	6-7/8	41
14	19	13-1/2	26	8-1/8	56

NOTES

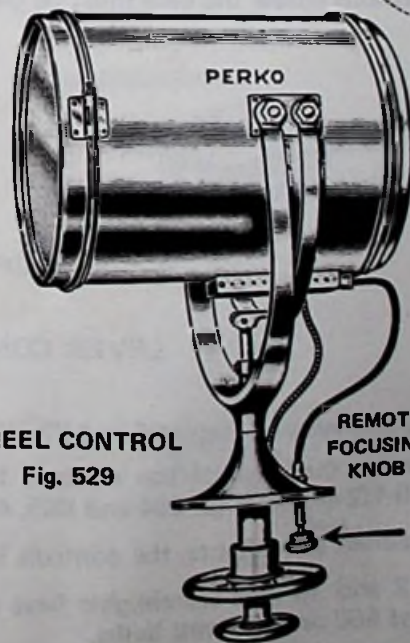
Standard length of control below base; Fig. 297 all sizes, from base to fulcrum of handle is 8 inches; Fig. 529, all sizes from base to center of upper wheel rim is 6-1/2 inches.

NOTE – GIVE FIG. NO. OF BULB TO BE USED – SEE PAGE 68. BULBS NOT INCLUDED IN ABOVE PRICES' SEE PAGE 68 FOR RECOMMENDATIONS AND OTHER INFORMATION

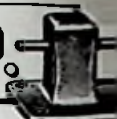
8 and 10 INCH SIZES HAVE SINGLE VENTILATION
12 and 14 INCH SIZES HAVE DUAL VENTILATION



LEVER CONTROL
Fig. 297
REMOTE FOCUSING KNOB



WHEEL CONTROL
Fig. 529
REMOTE FOCUSING KNOB



PERKO SEARCHLIGHTS IMPORTANT INFORMATION

BULB RECOMMENDATIONS			*TYPE BASE	**RATED LIFE	SEARCHLIGHT SIZE-INCHES	PRICE
FIG.	VOLTS	WATTS				
800	6	108	MEDIUM SCREW	50 HOURS	8-10-12	\$ 9.75
801	12	130 C.P.	D.C. BAYONET	50 "	8-10-12	2.50
802	32	300	MEDIUM SCREW	50 "	8-10-12	14.75
805	32	500	MEDIUM PREFOCUS	50 "	8-10-12-14	22.50
806	32	900	MOGUL	100 "	12-14	31.00
807	120	500	MEDIUM PREFOCUS	25 "	8-10-12-14	9.25
809	120	750	MEDIUM PREFOCUS	25 "	12-14	14.00
810	120	1000	MEDIUM PREFOCUS	25 "	12-14	12.00
811	120	1000	MOGUL	25 "	12-14	18.50

* Illustrations of these bases are shown on page 46.

** 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

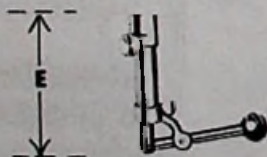
Under-voltage of only 4%.

SPECIAL CONSTRUCTION OF PEDESTAL —

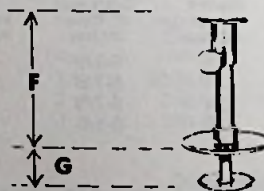
Searchlights Figs. 297 - 529 - 883 - 884 - 885 can be supplied with special height of pedestal. Give overall height from deck to top of searchlight head not including controls. Supply sketch if possible. Price on application.

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 66 and 67 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.



Fig. 364

Complete Each	Extreme Length Inches	Extreme Width Inches	Extreme Height Inches	Weight Pounds
\$110.00	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

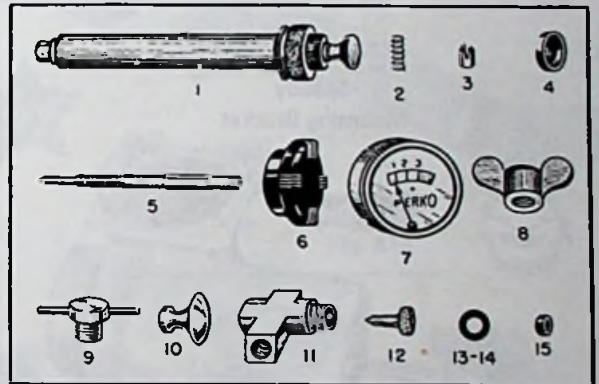


Fig. 368

PERKO ALCOHOL BURNER – Fig. 367
Cast Bronze

Complete	Each
Complete	\$21.75
Wire Brush Filters Only	2.75
Priming Pan Only	1.75
Packing Nut for Valve Stem	.55



Fig. 367



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.



Fig. 365

Each	Capacity Ounces	Diam. Mouth Inches	Diam. Spout Inches	Weight Ounces
\$3.00	3	3	3/8	2



IMPROVED

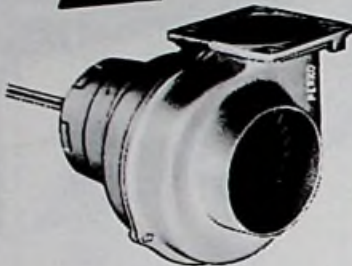


Fig. 778

Speedy
Mounting Bracket

IMPROVED

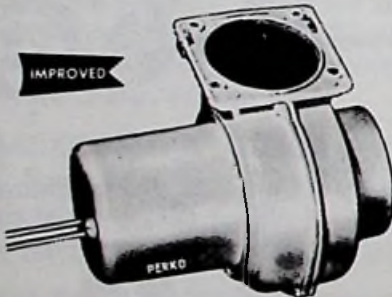


Fig. 791



Fig. 193

IMPROVED MARINE EXHAUST BLOWERS—Fig. 778

HEAVIER DUTY MOTOR WITH 18-8 NON-MAGNETIC STAINLESS STEEL SHAFT - WHITE DELRIN IMPELLER - 12 VOLTS

NO. 1 IMPROVED TO MEET YACHT SAFETY BUREAU STANDARD E-30 AND IS 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 Enameled Over Zinc Chromate - Supplied complete with speedy mounting bracket.

Size No. 2 has Cast Aluminum Housing.

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	226	4-3/4 x 4-3/8

No.	Each	Spare Impellers Each	Weight Pounds
1	\$19.25	\$2.00	3-1/2
2	35.50	2.50	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	226	4-3/4 x 4-3/8

No.	Each	Spare Impellers Each	Weight Pounds
1	\$21.00	\$2.00	3-3/4
2	37.00	2.50	6-3/4

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
\$13.75	5	1-3/4	10



NEW
VENTILATION KITS – FIG. 871

KIT No. 1 – \$10.75 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 – \$12.75 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 – \$14.50 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

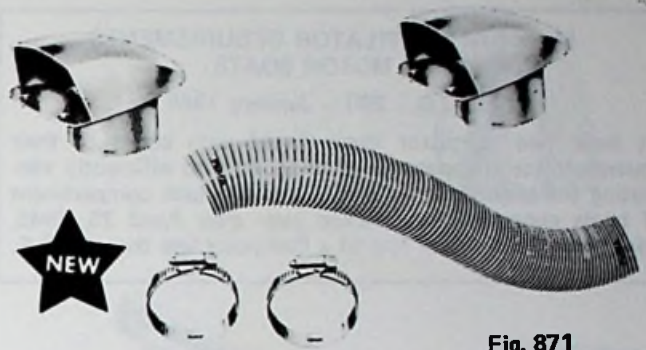


Fig. 871

★
NEW
BLOWER AND VENT KIT – FIG. 872

\$29.75 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

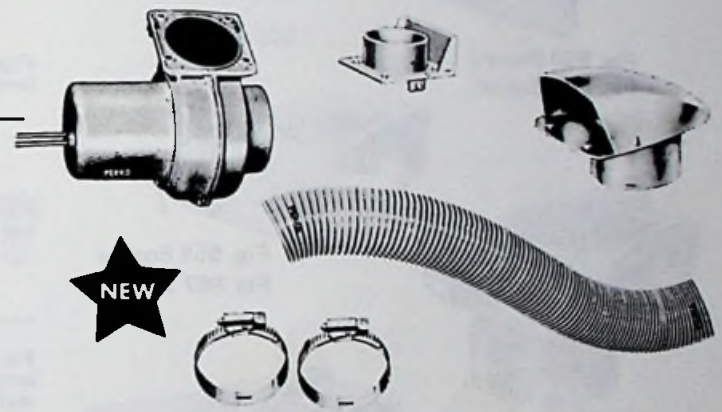


Fig. 872

★
NEW
BLOWER AND VENT KIT – FIG. 873
WITH MOUNTING ADAPTER

\$25.00 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

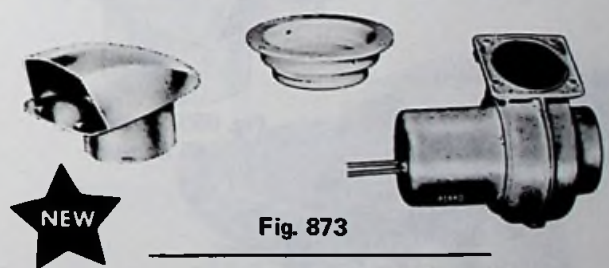


Fig. 873

★
NEW
BLOWER TO VENT
MOUNTING ADAPTER – FIG. 790
Zamak Die Casting – Painted White

\$1.00 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

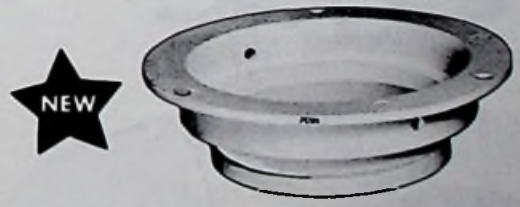


Fig. 790

★
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
\$2.20	3-3/4 x 3-1/2 x 1-5/8	14

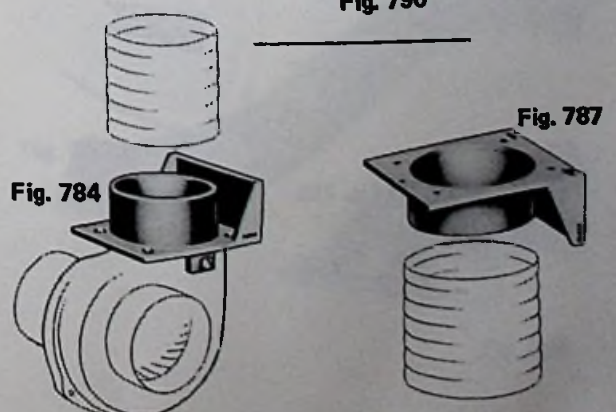


Fig. 784

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.

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
---	---	---	-------	-------	----

Figs. 650 and 866 have base drilled and tapped for three 1/4-20 screws.

Fig.	No. 1 Each	No. 2 Each	No. 3 Each
650	\$8.75		
866	2.20	\$2.40	\$3.00

Figs. 651 and 867 have three studs 12-24 x 1-1/2 inches long. Nuts and washers included.

Fig.	No. 1 Each	No. 2 Each	No. 3 Each
651	\$9.50		
867	2.80	\$3.00	\$3.60

Figs. 652 and 868 have 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
652	\$10.50		
868	3.30	\$3.65	\$4.75

Figs. 653 and 869 have 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
653	\$11.75		
869	4.00	\$4.35	\$5.35

Figs. 654 and 870 have flange on front and hole in rear for No. 10 wood screw mounting. With neck for exhaust duct.

Fig.	No. 1 Each	No. 2 Each	No. 3 Each
654	\$10.60		
870	3.65	\$4.00	\$5.00



Fig. 650 Bronze
Fig. 866 Zamak

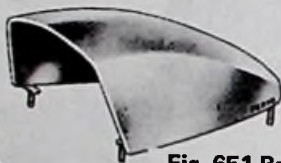


Fig. 651 Bronze
Fig. 867 Zamak



Fig. 652 Bronze
Fig. 868 Zamak



Fig. 653 Bronze
Fig. 869 Zamak



Fig. 654 Bronze
Fig. 870 Zamak



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.

No.	Each	Base Dimensions Inches	Height Opening Inches	Thickness Inches	Weight Ounces
1	\$.55	1-5/8x1-1/2	7/16	.045	1/2
2	.65	2 x2	9/16	.062	1-1/4

Standard Package, 20 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
\$3.10	2-1/2	1-5/8	4 x 3-3/4	5

Standard Package, 5 Pieces



Fig. 339

CLAM SHELL VENTILATORS – Fig. 323

No.	Chromium Plated Each	Width Opening Inches	Height Opening Inches	Size Base Inches	For Screw No.	Weight Ounces
4	\$4.75	2-5/8	1-1/2	3-1/2x3-1/4	7	10
5	6.90	3-1/2	2	3-7/8x3-1/2	7	13

Standard Package, 5 Pieces



Fig. 323

STREAMLINE VENTILATORS – Fig. 324

No.	Chromium Plated Each	Width Opening Inches	Height Opening Inches	Size Base Inches	For Screw No.	Weight Ounces
2	\$4.20	1-3/4	1	2-5/8x3-3/8	7	6
3	6.15	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
\$15.00	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	\$5.75	6-3/4	5-1/2	3-1/2
2	7.55	7-1/2	7-1/8	4-1/2

Standard Package, 5 Pieces.

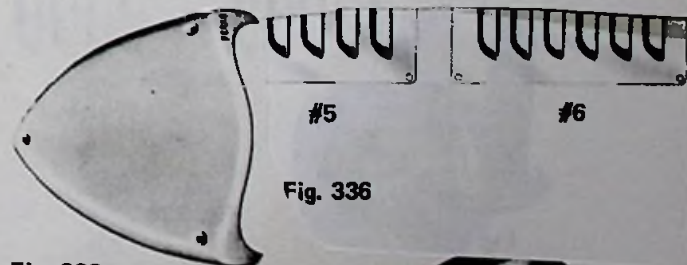


Fig. 338

Fig. 336

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
\$19.50	\$26.00	\$28.00	6-3/8x5-3/4	3-1/4	8	4



Fig. 908

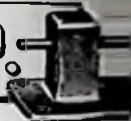


Fig. 1069

JUNIOR TRANSOM VENTILATOR – Fig. 1069

Cast Bronze

Plain Bronze Each	Chromium Plated Each	Size Flange Inches	For Screw No.	Weight Pounds
\$2.50	\$4.60	6-1/2x2-1/8	6	1/2

Standard Package, 5 Pieces

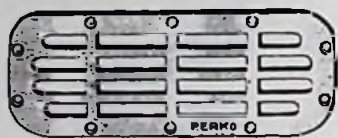


Fig. 1062

SENIOR TRANSOM VENTILATOR – Fig. 1062

Cast Bronze

Plain Bronze Each	Chromium Plated Each	Dimensions Inches	For Screw No.	Weight Pounds
\$4.50	\$7.50	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
\$1.60	7 x 2-1/2	8	3

Standard Package, 10 Pieces

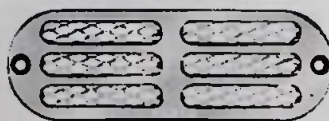


Fig. 1271

TRANSOM OR LOCKER VENTILATOR – Fig. 1271

Zamak Die Casting – Chromium Plated – With Grill Type Screen

Each	Dimensions Inches	For Screw No.	Weight Ounces
\$1.45	6 x 2	8	3

Standard Package, 10 Pieces

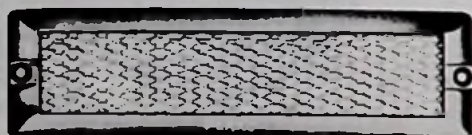


Fig. 1238

TRANSOM OR LOCKER VENTILATOR – Fig. 1238

Zamak Die Casting – Chromium Plated – With Grill Type Screen

Each	Dimensions Inches	For Screw No.	Weight Ounces
\$1.30	8-3/8 x 2-1/4	8	3

Standard Package, 10 Pieces



Fig. 330

NEW 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
\$9.85	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	\$7.40	8	3	2	6
980	2	8.00	10	3-1/2	3	7-1/2
984	1	8.75	13-1/4	3	2	8-1/2
984	2	9.60	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

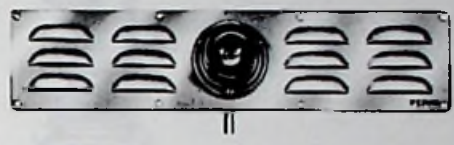


Fig. 984



STAINLESS STEEL LOUVER VENTILATORS

18-8 Alloy No. 304 – Polished

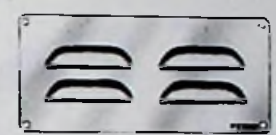
Fig. 334

No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
2	\$1.50	3 x 2-1/2	2	1
2-A	1.65	4 x 2-1/2	3	1-1/2
4	2.00	5-1/2 x 2-1/2	2	2
4-A	2.20	7-1/2 x 2-1/2	3	2-1/2
6	2.60	8 x 2-1/2	2	3
6-A	2.85	11 x 2-1/2	3	4

Standard Package, 10 Pieces per size

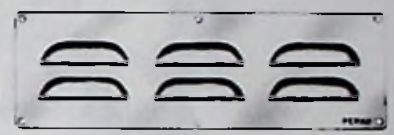


#2



#4

Fig. 334



#6

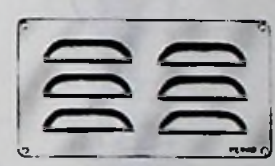
Fig. 335

No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
3	\$1.75	3 x 3	2	1-1/2
3-A	1.90	4 x 3-1/2	3	2
6	2.40	5-1/2 x 3	2	2-1/2
6-A	2.65	7-1/2 x 3-1/2	3	3-1/4
9	3.20	8 x 3	2	3-1/2
9-A	3.40	11 x 3-1/2	3	4

Standard Package, 10 Pieces Per size

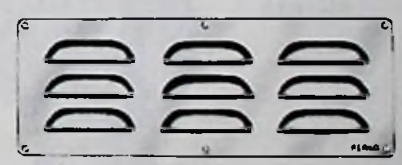


#3



#6

Fig. 335

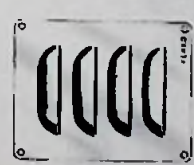


#9

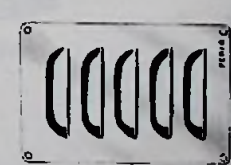
Fig. 336

No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
4	\$2.00	3-3/4 x 3	2	1-3/4
4-A	2.20	4-3/8 x 4	3	2
5	2.40	4-1/2 x 3	2	2
5-A	2.65	5-3/8 x 4	3	2-1/4
6	2.80	5-1/4 x 3	2	2-1/2
6-A	3.00	6-3/8 x 4	3	3

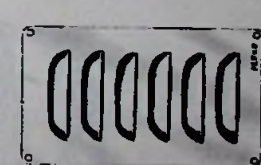
Standard Package, 10 Pieces Per size



#4



#5



#6

Fig. 336

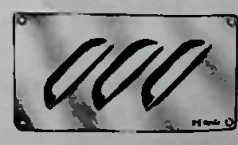


ANGLE TYPE – Fig. 342

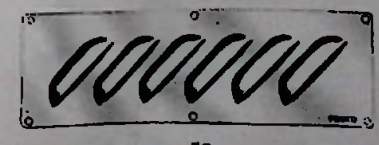
Supplied In Pairs, Port and Starboard

No.	Per Pair	Size Inches	Length Louvers Inches	Weight Pair Ounces
3	\$3.55	4-3/4 x 2-1/2	2	1-3/4
3-A	3.85	6 x 3	3	2-1/4
6	5.75	7-3/4 x 2-1/2	2	2-3/4
6-A	6.20	9-3/4 x 3	3	3-1/4

Standard Package, 5 Pairs Per Size



#3



#6

Fig. 342

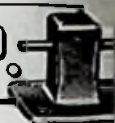


Fig. 510

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	\$21.00	\$33.00	\$36.00	4	5-1/2	1-1/8
2-1/2	22.50	36.00	39.50	5	6-1/2	1-3/4
3	26.50	44.50	48.00	6	8	2-1/2
4	35.00	56.00	61.00	8	11	4
5	45.00	72.00	77.50	10	13	6
6	67.00	115.00	122.00	12	16	9
8	92.50	190.00	232.00	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	\$23.50	\$47.50	\$ 54.00	6	8	2
4	31.50	57.50	65.00	8	12	3-3/4
5	39.50	69.50	77.50	10	13-1/2	4-3/4
6	57.00	104.00	115.00	12	17-1/2	7-1/2
8	75.00	180.00	225.00	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. 570
Screw Type



Fig. 571
Swivel Type

OVAL MOUTH COWL VENTILATORS – Figs. 570 & 571

Cast Bronze

Deck Plate Size Inches	Size Mouth Inches	Height Above Deck		Weight Pounds
		Fig. 570 Inches	Fig. 571 Inches	
3	6-1/4 x 4	8-1/8	9-1/8	6

Fig. 570		Fig. 571	
Polished Bronze Each	Chromium Plated Each	Polished Bronze Each	Chromium Plated Each
\$40.00	\$44.00	\$44.50	\$47.50

Spare Deck Plates for Figs. 510 & 513, see Figs. 419 and 527. For Fig. 570 see Fig. 526.



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
\$19.75	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	\$25.00	2-1/2	2-3/8x5	6-3/4	8	3-3/4
2	43.00	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	\$14.00	\$26.00	10	7	140	2-3/4
5	14.25	26.50	12	8-1/2	152	3-1/2
6	14.75	27.00	13	9-1/2	196	4-1/2
7	17.50		15	11	243	6
8	18.75		16	12-1/2	285	7
10	22.50		18-1/2	15	445	10
12	25.50		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	\$18.00	\$29.25	6	10-1/4	3-1/2
5	19.50	31.50	7	12-1/4	4-1/2
6	21.75	34.00	8	13-1/4	6
8	27.50		10	16-1/2	9



Fig. 748

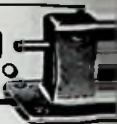


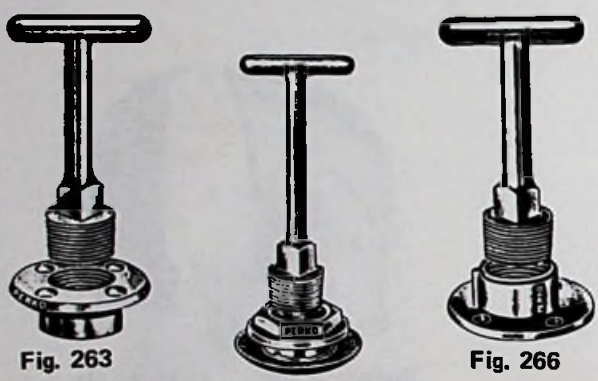
Fig. 414 – Brass
Fig. 414-A – Aluminum

IMPROVED
TRANSOM DRAIN PLUGS – Fig. 414
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	\$1.90	\$1.75	\$1.50	\$1.40	\$.55	\$.50
2	2.10	1.95	1.50	1.40	.75	.70

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
\$4.10	3/4	2-5/8	5/8	11

Fig. 363

For plywood, fiberglass or metal hulls.

No.	Each	Pipe Size Inches	Diam. Flange Inches	Length Threaded Neck Inches	Max. Hull Thickness Inches	Weight Ounces
1	\$6.00	3/4	2-3/8	9/16	3/16	13-1/2
2	7.50	3/4	2-3/8	1	1/2	14
3	7.50	3/4	2-3/8	1-1/4	3/4	14-1/2

Standard Package, 5 Pieces



Fig. 714 No. 1



Fig. 737 No. 1



Fig. 714 No. 2



Fig. 737 No. 2

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	\$2.10	1/2	2	5/8	3
714	2	2.40	1/2	2	5/8	4
737	1	3.15	1/2	2	5/8	6
737	2	3.50	1/2	2	5/8	7

Standard Package, 5 Pieces

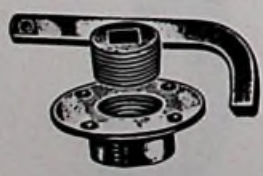


Fig. 124

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
\$6.60	1	3-1/8	1	10

Furnished complete with galvanized wrench.
Standard Package, 5 Pieces



Fig. 729



NEW 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
\$3.15	\$3.80	1/2	2	8	3-1/2

Standard Package, 5 Pieces



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
\$6.50	2-3/4	2-1/2	1-1/4

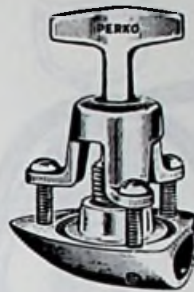


Fig. 386



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.

Complete Each	Caps Only With Chain Each	Balls Only Per Dozen	Diam. Opening Inches	Diam. Flange Inches	Diam. Ball Inches
\$7.50	\$1.95	\$2.00	1-1/4	3-5/8	1-1/2



Fig. 213



BRONZE NAVY PUMP STRAINERS – Figs. 704, 705, 721 & 722

Fig.	Each	Pipe Thread Inches	For Hose Inches	Length Inches	Width Inches	Weight Pounds
704	\$6.70		1-1/4	7	2-3/4	2
705	6.00		1-1/4	4-3/4	2-3/4	1-1/2
721	6.00	1-1/4		5	2-3/4	1-1/2
722	6.00	1-1/4		4-3/4	2-3/4	1-3/8

Standard Package, 5 Pieces.



Fig. 704

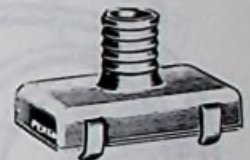


Fig. 705



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
\$2.70	4	1-3/4	6

Standard Package, 5 Pieces.



Fig. 709



RUBBER HOSE AND STRAINER – Figs. 208 & 209

For Figs. 200, 202 and 723 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.

	Each
Fig. 208 – Standard 5 ft. length	\$1.45
Fig. 209 – Cast Bronze Strainer	\$1.10



Fig. 208



Fig. 209

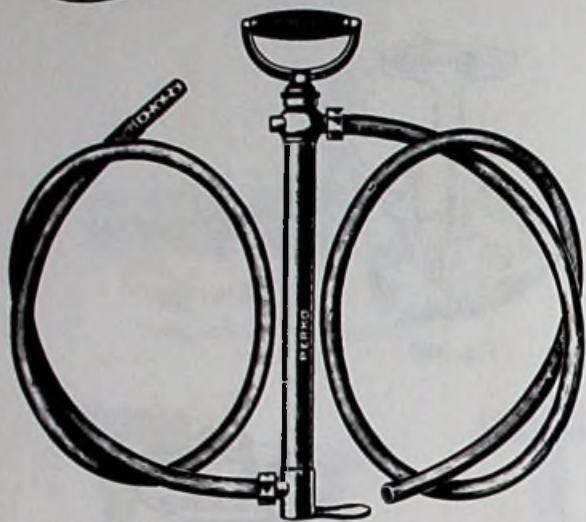


Fig. 202

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	\$23.75	18-5/8	1-1/8	5	3
6	27.50	21	1-1/2	10	4

Without hose, deduct \$1.00 for each hose



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	\$17.75	17-5/8	1-1/8	5	2-1/4
2	23.00	20	1-1/2	10	3-1/4

Without hose, deduct \$1.00 each



BRASS BILGE PUMP – Fig. 723

Single Action

Complete with 5 feet of rubber hose.

Has moulded neoprene rubber plunger producing excellent capacity. Capacity 2-1/2 gallons per minute.

With Hose Each	Without Hose Each	Diameter Inches	Extreme Length Inches	Weight Pounds
\$16.50	\$15.50	1-1/8	17-5/8	2



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
\$20.00	\$4.20	17-1/2	12-1/2	1-1/8	2-1/2



Fig. 723

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

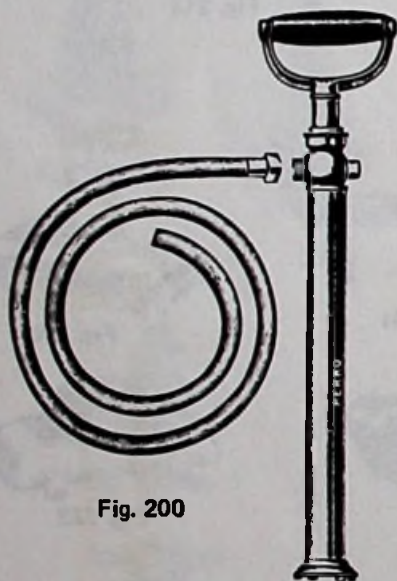


Fig. 200

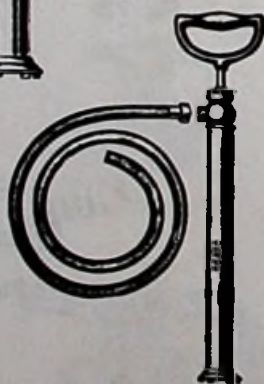


Fig. 146



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
\$45.50	24	2-3/4	1-1/4	1-1/2	1/2

Fig. 147 – Weighted leather valve only, each \$1.65
 Fig. 151 – Flax packed plunger only, each 3.25



Fig. 1016



Fig. 151
Flax Packed Plunger



Fig. 147
Weighted Leather Valve

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
\$40.00	16-1/4	2-3/4	1-1/4	1-1/2	5-1/2



Fig. 1018



Fig. 701

SUPER NAVY BILGE PUMP – Fig. 701
 For Hose – With Weighted Leather Valve

Each	Extreme Length Inches	Inlet Hose Inches	Outlet Hose Inches	Weight Pounds
\$45.50	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
\$40.00	18-1/4	2-3/4	1-1/4	1-1/2	7-5/8



Fig. 702



Fig. 108

COMPLETE PLUNGER ASSEMBLY ONLY – Fig. 108

No. 1 for Figs. 702 & 1018 \$10.00 Each

No. 2 for Figs. 701 & 1016 12.00 Each



ELECTRIC PUMPS

All Brass Except Motor — Non-Automatic Nylon Impeller — Nylon Bearings — 12 Volt — Motor has 18 - 8 Stainless Steel Shaft

Fig. 780 — For bilge or sump, outlet for 5/8 inch hose.

Fig. 781 — For water system or bait tank. Inlet in bottom for 1/2 inch pipe. Outlet for 5/8 inch hose. Has side mounting bracket.

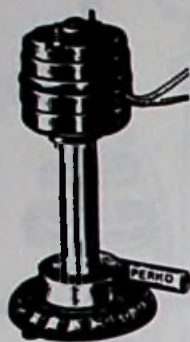


Fig. 780



Fig. 781

Complete Each	Motor Only	Height Inches	Weight Pounds
\$24.75	\$10.50	8-1/2	2-5/8



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

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.



Fig. 662

Complete Each	Spare Switch Each	Spare Diaphragm Each	Height Inches	Diam. Base Inches	Weight Pounds
\$19.00	\$3.50	\$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 — Hardwood 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	\$72.00	1/2	5-1/8	5	11-1/2
1	82.00	3/4	5-3/4	7	14
2	93.00	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

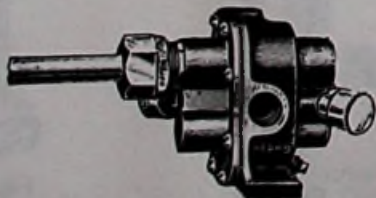


Fig. 682 — Upper Shaft
Fig. 684 — Lower Shaft

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

FIG. 467 WITH METAL HANDLE

FIG. 473 WITH MAHOGANY HANDLE

Both Feature Inlet Valve Designed to Hold Prime and Leakproof Neoprene U-Cup Seals

Fig.	Diam. Barrel Inches	Length Barrel Inches	Length Neck Inches	Threaded For Pipe Inches	Weight Pounds
467	1-1/2	6-1/2	2-1/2	1/2	3-1/2
473	1-1/2	6	2-1/2	1/2	3-1/2

Fig.	Chromium Plated Each	Chromium Plated Handle Only Each	Mahogany Grip Only Each
467	\$35.00	\$5.25	
473	37.75	6.50	\$1.15

Repair Kit, each \$3.30



Fig. 467
Metal Handle



Fig. 473
Mahogany Handle

FIG. 144 & FIG. 1040

Flared Flange – Neoprene Plunger and Valve Designed to Hold Prime

Length of stroke – 5-1/4 inches. Inlet thread – 3/4 inch pipe.

Fig.	Diam. Barrel Inches	Length Overall Inches	Projection Spout Inches	Height Spout Inches	Weight Pounds
144	1-1/2	13-1/2	3	0	3
1040	1-1/2	14-1/2	4-1/2	3	3-1/2

Fig.	Chromium Plated Each	Repair Kits Each
144	\$27.50	\$3.00
1040	30.00	3.00



Fig. 144



Fig. 1040

BRASS ANGLE TYPE PUMP – Fig. 677

Double Action – Swivel Spout

When installed with handle toward the user, this pump is extremely simple to operate. Spout swivels to any desired position. Bottom Valve holds prime. Capacity: 10 strokes per quart.

Chromium Plated Each	Inlet Pipe Size Inches	Spout Projection Inches	Height Flange To Spout Inches	Weight Pounds
\$26.50	3/8	4	3-1/2	2

Repair Kit, each \$2.50.

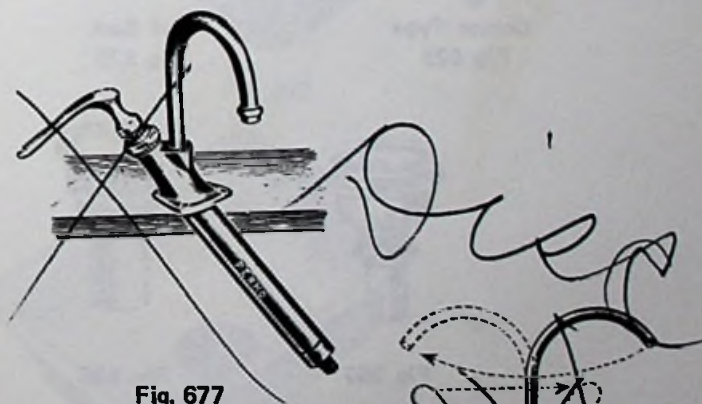


Fig. 677

PERKO "EZY-FLO" PUMP – Fig. 177

All Brass – Chromium Plated

Finger tip control, easy operation and self priming, "Ezy-Flo" functions with simple short rocking strokes. Spout swivels in any direction. Inlet fits 5/8 inch rubber hose or 3/8 inch pipe. Capacity 20 strokes per quart.

Each	Extreme Height Above Drain Board Inches	Dimensions Mounting Base Inches	Weight Pounds
\$30.00	8	4 x 1-7/8	2-1/4

Repair Kit, each \$4.50

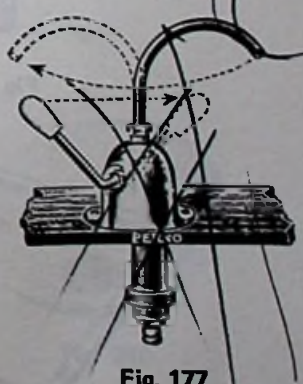
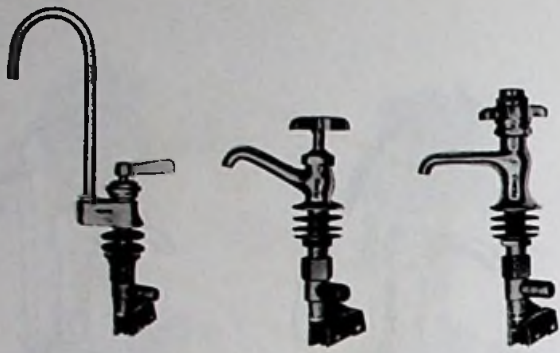


Fig. 177



High Spout
Fig. 727

Low Spout
Fig. 728

Fig. 740

PERKO 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

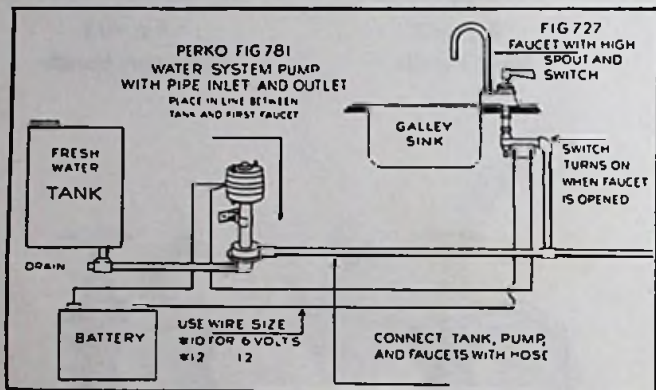
HAND CLOSING TYPES — Figs. 727 & 728

Fig.	Chromium Plated Each	Height Above Drain Board Inches	Length Below Drain Board Inches	Weight Pounds
727	\$27.00	8-1/4	5-1/2	2-1/2
728	22.75	3-1/4	5-1/2	2

SPRING ACTION — SELF CLOSING TYPE — Fig. 740

Chromium Plated Each	Height Above Drain Board Inches	Spout Projection Inches	Weight Pounds
\$30.00	3-5/8	2-5/8	2-1/2

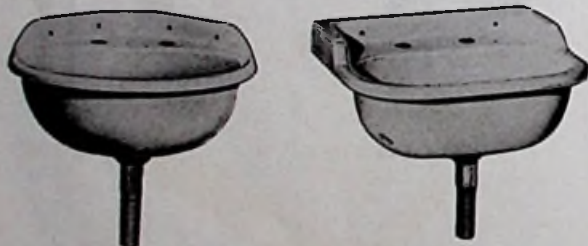
Connect one or several of the faucets to our Figure 781 electric pump. (See sketch for suggested installation.) Water is then supplied to your sink or lavatory as easily as in your home. All connections are for 5/8 inch hose.



FIBRE GLASS LAVATORIES — Figs. 823 & 825

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.



Corner Type
Fig. 823

Flat Back
Fig. 825

Fig.	Complete Each	Size Inches	Size Basin Inches	Height Back Inches	Depth Inches	Weight Pounds
823	\$24.50	13-1/2x13-1/2	11-3/4x8-1/2	1-1/2	5	2
825	21.00	15-1/4x12-3/4	12 x 7-1/2	1-3/8	5	2-1/4

Spare Tail piece and stopper only — \$3.00 each

DRAIN FITTINGS — Figs. 357 & 586

Brass — Chromium Plated — With Tail Piece for Hose

Fig.	Each	Opening In Sink Inches	Diameter Tail Piece Inches	Weight Ounces
357	\$5.50	3-1/2	1-1/2	20
586	3.25	2	1-1/2	10

Fig. 357 is for sinks Figs. 356, 382, 392.

Fig. 586 is for sinks Figs. 240 and 391.



Fig. 357



Fig. 586



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	\$6.85	12 x 16
2	6.85	13-1/2 x 18-3/4
3	6.85	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	\$27.50	10 x 14	12 x 16	7	6
2	38.00	11-1/2 x 16-3/4	13-1/2 x 18-3/4	6	6-1/2
3	51.00	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

★

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	\$18.00	11-3/4	13-3/4	5	2

Finishing frame not required.
Drain fitting not included, see Fig. 586.



Fig. 391

★

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	\$33.00	10 x 14	13 x 17	7-1/2	7
2	42.00	14 x 15	17 x 19	7	6-1/2

Finishing frames not required.
Drain fitting not included, see Fig. 357.



Fig. 392

★

FIBRE GLASS GALLEY SINK – Fig. 382

Glazed White – Self Rimming

Each	Inside Dimensions Inches	Outside Dimensions Inches	Inside Depth Inches	Weight Pounds
\$17.75	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

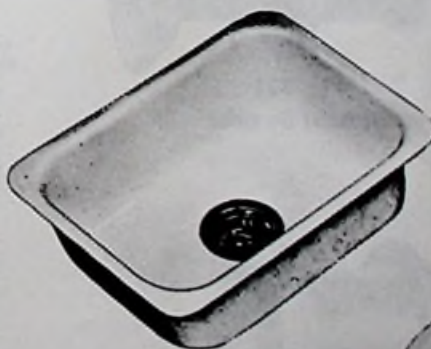


Fig. 382

★

ROUND FIBRE GLASS SINK – Fig. 240

Glazed White – Self Rimming

Each	Inside Diameter Inches	Outside Diameter Inches	Inside Depth Inches	Weight Ounces
\$11.75	10-3/4	13	5	14

Drain fitting not included, see Fig. 586.
Finishing frame not required.



Fig. 240



PERKINS MARINE LAMP & HARDWARE CORP.



BRONZE ROUND WAY SEA COCKS — Figs. 834 & 835

With Drain Plugs and Removable Handle



Fig. 834



Fig. 835

No.	Size Inches	Fig. 834 Each	Fig. 835 Each	With Fig. 86 Strainer Add Each	Size Strainer Inches	Without Hull Connection Deduct Each
1	3/4	\$20.70	\$20.35	\$1.50	3-1/2	\$2.50
2	1	30.40	28.70	1.50	3-1/2	3.50
3	1-1/4	38.30	36.55	2.00	4	5.20
4	1-1/2	44.70	44.35	3.40	5	6.40
5	2	80.55	78.20	3.60	6	9.40



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	\$10.75	\$2.40	\$1.30	\$.95	7/8
1	3/4	13.00	3.30	1.60	1.50	1-1/2
2	1	18.50	4.70	2.10	1.50	2-1/2
3	1-1/4	26.50	7.20	2.60	2.00	4
4	1-1/2	35.00	8.80	3.60	3.40	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.

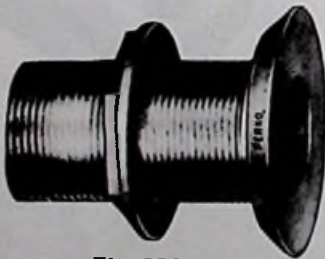


Fig. 331
Without Strainer

FLUSH TYPE "NO BULGE" THRU HULL CONNECTIONS—Figs. 331 & 361

Cast Bronze

END PORTION OF PIPE THREAD IS TAPERED.

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.

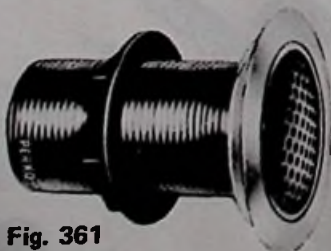


Fig. 361
With Strainer

No.	Pipe Size Inches	Fig. 331 Each	Fig. 361 Each	Length Overall Inches	Inside Diameter Inches	Diameter Flange Inches	Weight Pounds
1	1/2	\$5.20	\$6.10	2-7/16	1/2	2-1/2	3/4
2	3/4	5.60	6.50	2-3/4	3/4	2-1/2	7/8
3	1	7.35	8.65	3	1	3	1-1/4
4	1-1/4	8.85	10.15	3-3/8	1-1/4	3	1-3/4



**IMPROVED
THRU-HULL CONNECTIONS—Fig. 322**

Cast Bronze — Machined Flange — Threaded to 1/8 Inch From Flange

End of Thread is Tapered for Valves or Pipe Fittings

No.	Pipe Size Inches	Each	Length Neck Inches	Diameter Flange Inches	Weight Pounds
1	3/8	\$ 2.10	2-3/8	1-1/2	1/4
2	1/2	2.40	2-3/8	1-5/8	3/8
3	3/4	3.30	2-1/2	2	1/2
4	1	4.70	2-7/8	2-1/4	3/4
5	1-1/4	7.20	3-1/2	2-7/8	1-1/2
6	1-1/2	8.80	3-3/4	3	1-5/8
7	2	13.00	4	3-1/2	1-3/4
8	2-1/2	18.60	4	4-1/2	2-3/4



Fig. 322

**THRU-HULL CONNECTIONS—Fig. 64
With Tail Piece**

This is our Fig. 322 with Fig. 67 Tail Piece for hose or lead pipe.

No.	Pipe Size Inches	Each	O.D. Tail Piece Inches	Weight Pounds
1	3/8	\$ 3.60	1/2	3/8
2	1/2	3.90	5/8	1/2
3	3/4	5.00	3/4	5/8
4	1	7.15	1	1
5	1-1/4	9.85	1-1/4	1-3/4
6	1-1/2	13.25	1-1/2	2-1/8
7	2	18.00	2	3



Fig. 64

**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
\$1.90	\$3.00	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	\$2.90	\$3.90	1-5/8	1-1/4	3/8
2	3/4	3.35	4.40	2	1-5/8	1/2
3	1	5.00	6.15	2-3/8	1-7/8	7/8
4	1-1/4	7.80	9.00	3	2	1-3/8
5	1-1/2	8.40	10.00	3-1/8	2	1-1/2



Fig. 350

**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



IMPROVED WATER OUTLETS—Fig. 332

THE END HAS TAPERED THREAD TO FIT VALVES AND OTHER PIPE FITTINGS



Fig. 332

Cast Bronze

No.	Plain Bronze Each	Chromium Plated Each
1	\$6.25	\$8.20
2	7.90	9.90

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



IMPROVED SPEEDBOAT STRAINERS—Fig. 65

THE END HAS TAPERED THREAD TO FIT VALVES AND OTHER PIPE FITTINGS



Fig. 65

Cast Bronze — Plain

No.	Size Pipe Inches	Each	Length Neck Inches	Dimensions Strainer Inches	Weight Pounds
1	1/2	\$ 4.60	2-5/8	3 x 4	5/8
2	3/4	6.00	2-9/16	3 x 4	7/8
3	1	7.90	3	3 x 4	1-1/8
4	1-1/4	11.60	3-1/2	3-1/4 x 4-1/4	1-3/4



CAST BRONZE PIPE TO HOSE ADAPTER—Fig. 76



Fig. 76

No.	Pipe Size Inches	Each	Hose Size Inches	Length Overall Inches	Weight Ounces
1	1/2	\$1.30	5/8	1-5/8	1-1/2
2	3/4	1.60	3/4	1-3/4	2-1/8
3	1	2.10	1	1-3/4	3-1/2
4	1-1/4	2.60	1-1/4	2	5-1/8
5	1-1/2	3.60	1-1/2	2-1/4	8-1/8
6	2	5.75	2	2-5/8	16



SCOOP STRAINERS—Fig. 66



Fig. 66

Cast Bronze

No.	Each	Outside Dimension Inches	Thru-Hull Flange Inches	Weight Pounds
1	\$1.30	3-1/2x2-1/2	1/2	1/4
2	3.30	5 x3-1/4	1	3/4
3	4.60	6-1/4x4-1/4	1-1/4	1
4	7.90	8 x5-1/8	2	2

Standard Package, 5 Pieces



ROUND STRAINERS—Fig. 86



Fig. 86

Cast Bronze

No.	Outside Diam. Inches	Each	Inside Diam. Inches	Weight Pounds
1	2-1/2	\$.95	1-5/8	1/5
2	3	1.15	2	1/4
3	3-1/2	1.40	2-3/8	1/3
4	4	2.00	3	1/3
5	5	3.40	3-3/4	3/4
6	6	3.60	4-1/2	1

Standard Package, 5 Pieces



BRONZE TAIL PIECES—Figs. 67 & 78

For lead pipe or hose connections, furnished complete with rubber washer.



Fig. 67 Straight
Fig. 78, 90 Degree

No.	Pipe Size Inches	O.D. Tail Piece Inches	Fig. 67 Each	Fig. 78 Each
1	1/4	3/8	\$1.35	
2	3/8	1/2	1.40	
3	1/2	5/8	1.50	
4	3/4	3/4	1.70	\$2.05
5	1	1	2.45	4.15
6	1-1/4	1-1/4	2.65	4.40
7	1-1/2	1-1/2	4.45	4.80
8	2	2	5.05	7.40



"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	\$ 9.25	20	\$17.80
10	11.15	25	21.60
15	14.80	30	25.50

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.

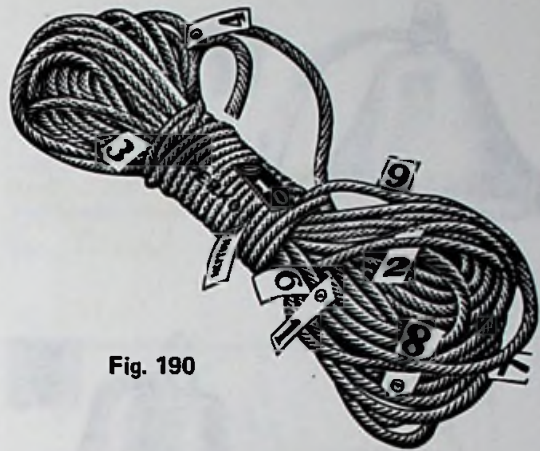


Fig. 190



Fig. 940

SOUNDING LEADS—Fig. 940

All weights from 2 to 10 pounds inclusive carried in stock.
PER POUND — \$.84

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 ciragettes.

Each	Dimensions Mounting Plate Inches	Overall Height Inches	Weight Ounces
\$6.50	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
\$6.50	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
\$4.50	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	\$ 8.40	\$10.00	\$11.75	4	1
8	14.00	15.75	17.75	5	2-1/4
Wall Plate Only	1.20	1.35	1.75		
Arm Only	1.80	2.40	2.85		
Clapper Only	1.65		2.30		
Eye Bolt Only	1.65		2.00		



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	\$24.00	\$27.50	5	3-1/4
8	44.50	48.00	6-1/8	6-1/2

Wall Plate Only

6	\$3.60	\$4.20	2-1/2	1/3
8	3.60	4.20	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	\$49.00	\$ 53.00	8	9
10	90.00	96.00	10-1/2	16-1/2
12	145.00	152.00	12	31

Wall Plate Only

8	\$3.60	\$4.20	2-1/2	1/3
10	6.50	7.20	3-7/8	1
12	6.50	7.20	3-7/8	1

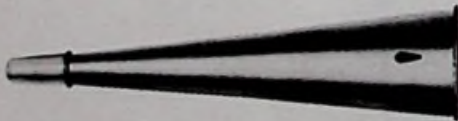


Fig. 162

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	\$3.00	\$5.00	5

Standard Package, 1 Dozen

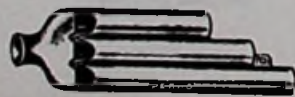


Fig. 167

TRIPLEX MOTOR BOAT WHISTLE—Fig. 167
 Plastic

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
 Brass — Nickel Plated

Per Dozen	Length Inches	Width Inches	Weight Per Dozen Ounces
\$22.20	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

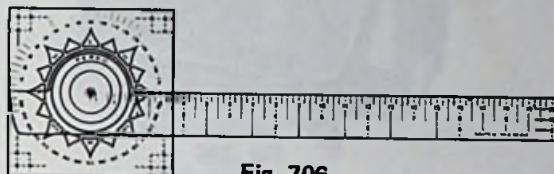


Fig. 706



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

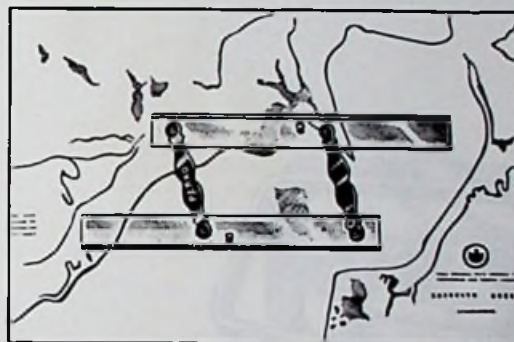


Fig. 630



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	\$1.65
2 Length, 7 inches	5.40

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 or Green Tinted 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	Dimensions Outside of Frame Inches	Dimensions Outside of Spigot Inches	Bronze Weight Pounds	Aluminum Weight Pounds
1	5x12	\$48.00	\$35.00	7-7/8x14-7/8	5-3/8x12-7/16	15	6-1/2
2	7x16	66.00	43.00	10x19-1/8	7-3/8x16-1/2	22	8-3/4

NOTE—Specify type of glass, clear will be shipped unless otherwise specified.

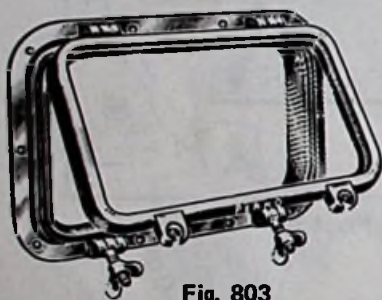


Fig. 803

MARINE WINDOWS—Fig. 803

Without Spigot — Plain Bronze or Aluminum — Watertight — Two Fastenings

Clear or Green Tinted 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	\$38.50	\$28.00	11-1/2	5
4	7x16	51.00	35.00	16	7

NOTE—Specify type of glass, clear will be shipped unless otherwise specified.



Finishing Frame

SPECIAL FINISHING FRAMES FOR FIG. 803

No.	Size of Opening Inches	Plain Bronze Each	Plain Aluminum Each	Bronze Weight Pounds	Aluminum Weight Pounds
3	5x12	\$ 6.50	\$5.00	2-1/2	1
4	7x16	10.80	6.00	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 — \$6.00 each. Size 7x16 inches — \$6.90 each.



Fig. 442

ROUND PORTLIGHT SCREENS—Fig. 442

Bronze — Spring Type

For Figs. 157 & 317 Portlights

For Size Opening Inches	Bronze Each	Dull Chromium Plated Each	For Size Opening Inches	Bronze Each	Dull Chromium Plated Each
4	\$3.55	\$4.90	6	\$4.50	\$5.75
5	4.00	5.30	8	5.75	7.10



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	\$17.30	4	7	1/4	3-3/4
5	20.40	5	8	1/4	5
6	23.40	6	9	1/4	6-1/2
*8	34.30	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		Weight 1-1/2 Inch Spigot In Pounds
	1-1/2 Inch Plain Bronze Each	3 Inch Plain Bronze Each	
4	\$19.20	\$24.50	4-3/4
5	24.00	30.00	7-1/4
6	30.00	37.00	8-1/2
8	42.00	50.00	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	\$1.40	\$1.55	\$1.90	\$3.70

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	\$ 9.60	1/4	6	1-3/4
5	11.20	1/4	7-1/2	2
6	12.60	1/4	8-1/4	2-3/4
*8	24.50	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

Supplied only in 10 foot lengths.

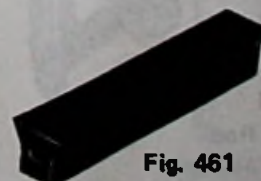


Fig. 461



Fig. 661

DRUM STEERERS—Fig. 661

Cast Aluminum or Cast Bronze — For Tiller Rope — With Die Cast Zamak Drum

Diameter Overall Inches	Aluminum Each	Polished Bronze Each	Chromium Plated Each	Size Base Inches	Diameter Drum Inches	Length Drum Inches
12	\$12.00	\$22.25	\$23.00	4 x 4	2-3/8	2-1/4
16	15.75			4 x 4	2-3/8	2-1/4



CHAIN TYPE STEERERS—Fig. 678

All Bronze — With Roller Chain — For Wheel Box Mounting

Each	Wheel End of Shaft Inches	*Length Shaft Inches	For Wheel Hub Inches	Dimensions of Bracket Inches	Weight Pounds
\$80.00	1	2-7/8	2-1/8	6x5-1/2	11

With chromium plated nut add \$.75 each.
*Length between bracket and wheel.

Chain only, without Shackles, per foot	\$10.50
Chain Shackles, each	1.30
Acorn Nuts, each	2.60
Sprocket only, each	9.00

Sprocket, 4-3/8 inch diameter, 21 teeth.
Chain, 36 inches long, 5/8 inch pitch.
Shaft machined for hub 2-1/8 inches thick.

Special machining of shaft, on application.
Supplied with reversed shaft for thru-bulkhead mounting at above prices, please specify.

Wheels for above see Figs. 914 and 976, Sizes 4, 5 and 6.



CHAIN TYPE STEERERS—Fig. 674 & 675

With Fig. 976 Cast Bronze Wheel — Polished Or Chromium Plated

Diameter Wheel Inches	Polished Bronze Each	Chromium Plated Each	Diam. Shaft Inches
16	\$111.00	\$115.00	1
20	123.00	128.00	1
24	158.00	163.00	1

Wheel, shaft and nut only are polished or plated, balance of steerer is plain bronze.

NOTE — Both of the above steerers can be supplied with Fig. 914 wheel. For price, add or subtract the difference between Figs. 976 and 914, sizes No. 4, 5 or 6.



THROTTLE CONTROLS—Figs. 730 & 731

Key feature of these controls 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 of both controls 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. Both controls may be mounted either vertically or horizontally.

Each	Length Face Plate Inches	Width Face Plate Inches	Length Throw Inches	Weight Pounds
\$14.50	5-3/4	1-1/2	2-1/8	1-3/8



Disc

Fig. 678



Fig. 674

Disc.



Fig. 675

Disc.

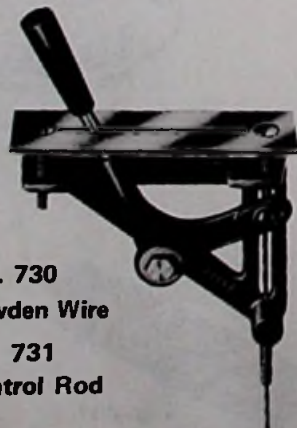


Fig. 730
For Bowden Wire

Fig. 731
For Control Rod



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	\$39.75	\$45.00	3/4 or 1	2-3/4
20	19-1/4	41.50	46.50	3/4 or 1	3-1/4
22	22-1/4		54.00	1	5
24	24-3/8		65.00	1	7
28	28		80.00	1	10
30	30		90.00	1	12

NOTE – A special adapter kit to use above wheel with our Fig. 678 steerer add \$2.00 each.

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.

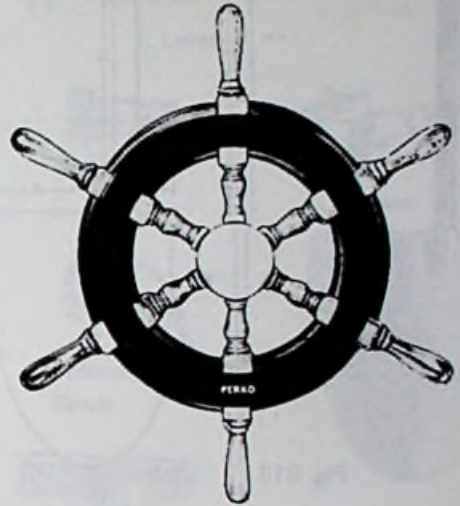


Fig. 657

STEERING WHEELS—Fig. 976 Cast Bronze – Wood Grips – 1/4 Inch Keyway

Long Hub for Steerers Figs. 674, 675, 678

No.	Diam. Overall Inches	Polished Bronze Each	Chromium Plated Each	For Shaft Inches	Length Hub Inches	Weight Pounds
4	16	\$40.00	\$42.50	1	2-1/8	4-1/4
5	20	54.50	57.00	1	2-1/8	7-3/4
6	24	74.00	77.50	1	2-1/8	11



Fig. 976

STEERING WHEELS—Fig. 914 Brass – Wood Grips – Round Spokes – 1/4 Inch Keyway

Long Hub for Steerers Figs. 674, 675, 678

No.	Diam. Overall Inches	Polished Brass Each	Chromium Plated Each	For Shaft Inches	Length Hub Inches	Weight Pounds
4	16	\$32.50	\$35.50	3/4 or 1	2-1/8	4-3/4
5	20	40.50	44.00	3/4 or 1	2-1/8	6-1/4
6	24	48.50	52.50	1	2-1/8	7



Fig. 914

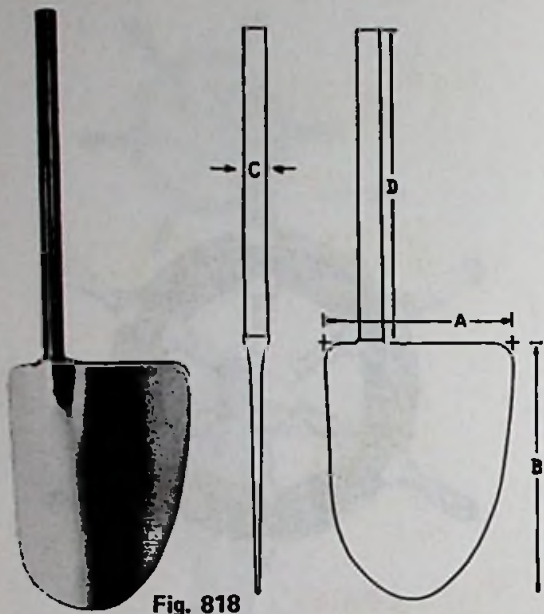


Fig. 818

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	A	Dimension B Inches	C	D	Weight Pounds
1	\$49.00	9	12	1	16	13
2	62.00	10-1/2	14	1-1/8	18	17
3	81.50	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
1	1	\$16.80	3-3/4x3-3/4	5-1/4	3/8	3
2	1-1/8	19.80	3-3/4x3-3/4	5-5/8	3/8	3-1/2
3	1-1/4	23.50	3-3/4x3-3/4	6-1/4	3/8	4



Fig. 1088

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
1	3/4	\$13.80	4 x2	5-1/8	5/16	3
2	7/8	14.40	4-1/4x2-1/4	5-3/8	3/8	3-1/4
3	1	14.40	4-1/4x2-1/4	5-3/8	3/8	3-1/4
4	1-1/8	16.50	5 x2-5/8	5-1/4	1/2	3-3/4
5	1-1/4	22.00	5-3/4x3	6-3/8	1/2	5-1/2
6	1-3/8	26.00	6-1/4x3-1/4	6-3/4	1/2	6-1/2
7	1-1/2	28.50	6-1/2x3-1/2	6-3/4	1/2	6-3/4

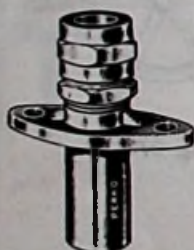


Fig. 1089

BRONZE RUDDER COLLARS—Fig. 815

No.	For Diam. Stock Inches	Each	Outside Diameter Inches	Thickness Inches	Weight Ounces
1	3/4	\$2.70	1-1/8	13/16	2-1/4
2	7/8	3.00	1-1/4	7/8	4
3	1	3.30	1-3/4	15/16	7
4	1-1/8	3.60	1-3/4	15/16	6-1/2
5	1-1/4	5.25	2-1/8	15/16	11
6	1-3/8	5.50	2-1/2	1-1/8	19
7	1-1/2	6.30	2-1/2	1-1/8	19



Fig. 815

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
1	\$10.80	\$10.20	3/4	1/2	4-1/2	1
2	14.40	14.00	1	3/4	6	2-1/4

Specify if for rod or pipe.



Fig. 93



STEERER AND CONTROL PARTS—Fig. 865

Cast Bronze

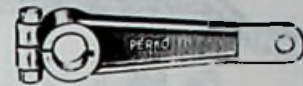
No.	Item	Plain Bronze Each	Polished Bronze Each	Chromium Plated Each	Length Overall Inches	Length C. to C. Inches
1	Lever	\$10.80			8	6
1-A	Lever	12.90			10	16-7-8
1-B	Lever	12.90			10	16-7-8
1-C	Lever	12.90			10	16-7-8
2	Clevis	3.90			2-1/2	
2-A	Clevis	3.90			2-1/2	
2-B	Clevis	5.75			4-1/16	
2-C	Clevis	5.75			4-1/16	
3	Lever	8.40			4-1/2	2-3/4
4	Clevis	9.00			3-1/2	
4-A	Clevis	9.00			3-1/2	
5	Clevis	5.40			3	
5-A	Clevis	5.40			3	
6	Bracket		\$7.20	\$8.40	6-7/8	
7	Bracket		8.40	9.60	4-1/4	
7-A	Bracket		8.40	9.60	4-1/4	
8	Bearing	4.65				
9	Shelf Plate		8.40	9.00	3-7/8	
10	Deck Plate		5.70	6.50		
10-A	Deck Plate		5.70	6.50		
11	Bearing	5.20				
12	Collar		3.30	4.00		
12-A	Collar		3.30	4.00		
14	Lever	11.35				**5-6
15	Lever	11.85				5-6-7

	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	Weight Pounds
1	1	1/2						1-3/4
1-A	1	1/2						2-1/3
1-B	1-1/8	1/2						2-1/4
1-C	1-1/4	1/2						2-1/4
2			1/2	3/4		1/2		1/2
2-A			1/2		1/2	1/2		1/2
2-B			1/2		3/4	9/16		3/4
2-C			1/2	1		9/16		3/4
3	1	1/2	3/8					1
4			1/2		3/4	1/2		1
4-A			1/2	1		1/2		1
5			1/2		3/4	1/2		3/4
5-A			1/2	1		1/2		3/4
6	1							3/4
7	1							3/4
7-A	1-1/8							3/4
8	1						3-1/2	3/4
9	1							1-1/4
10	1					4		1/2
10-A	1-1/8					4		1/2
11	1					3-3/4	1	1/4
12	1							1/4
12-A	1-1/8							1/4
14	3/4	1/2	5/16					1
15	1	1/2	3/8					1-1/2

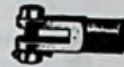
Depth of Bearing — No. 8, 5/8 Inches — No. 9, 1 inch — No. 11, 1-3/4 Inches.

**No. 14 Has Two Pin Holes Instead Of Three Illustrated.

†Nos. 1-A, 1-B, 1-C Are Of Heavy Construction Like No. 1. And With Three Pin Holes Like No. 15.



1. Lever



2. Clevis



3. Lever



4. Elbow Clevis



5. Angle Clevis



6. Bulkhead Bracket



7. Bulkhead Bracket



8. Lower Bearing



9. Shelf Plate



10. Deck Plate



12. Collar



11. Lower Bearing



14-15. Lever

BRASS BALL JOINTS—Figs. 792 & 793

Fig. 793 is adjustable for wear. Spring tension around ball with screw for adjusting.

No.	Fig. 792 Each	Fig. 793 Each	Thread Inches	Length Thread Inches	O.D. Female End Inches	Weight Ounces
1	\$.75	\$.90	1/4 -20	1/2	5/16	1/2
2		1.20	5/16-18	1/2	7/16	1
3	.72	.90	1/4 -28	1/2	5/16	1/2



Fig. 792



Fig. 793

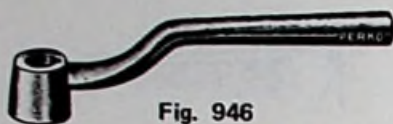


Fig. 946

CLUTCH CONTROL HANDLES—Fig. 946

Cast Bronze For 1 Inch Shaft

Length from Center of Bore Inches	Polished Bronze Each	Chromium Plated Each	Weight Pounds
8	\$15.00	\$16.00	1-3/4
10	16.80	17.80	2
12	19.50	21.00	2-1/4



Fig. 328

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

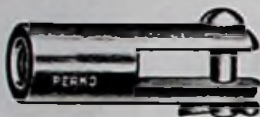


Fig. 295

Heavy Duty Fig. 295

4	\$1.20	1/4 -20	1/2	1-5/8	1/4	3/4
4-A	1.20	1/4 -28	1/2	1-3/4	1/4	3/4
5	1.20	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



Fig. 298

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. 679

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	\$.84	1	3/8	1/8	1/2	1/2
2	1.15	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

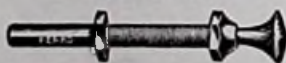


Fig. 692

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
\$4.60	4-7/8	3/8	2

Standard Package, 10 Pieces.

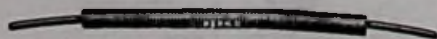


Fig. 353

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	\$28.50
No. 2	Wire only, per length	3.25



Fig. 352

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
\$1.30	2-1/4x1	3



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	\$ 7.50	3-7/8x1-3/4	5/16	2-1/8	1-1/8
2	3/4	7.80	4 x1-3/4	3/8	2-1/8	1-1/8
3	7/8	8.70	4-1/8x1-7/8	7/16	2-5/8	1-1/2
4	1	9.90	4-1/4x2-1/8	7/16	2-5/8	1-3/4
5	1-1/8	12.60	4-7/8x2-1/8	1/2	2-7/8	2-1/4
6	1-1/4	15.30	5-3/4x2-3/8	1/2	2-7/8	3
7	1-3/8	19.50	6-1/4x3	1/2	3	3-1/4
8	1-1/2	22.50	6-1/2x3	1/2	3	3-1/2
9	1-3/4	35.40	7 x3-3/4	5/8	4	5-3/4



Fig. 320

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	\$22.80	5 x3	3/8	4	5-1/2
2	1-1/8	25.00	5-1/2x3-3/8	1/2	4-1/4	6-1/2
3	1-1/4	28.00	5-5/8x3-5/8	1/2	4-1/4	6-1/2
4	1-3/8	38.00	6 x4	1/2	5	9
5	1-1/2	44.00	6 x4-3/8	1/2	5-1/2	10
6	1-3/4	56.00	6-1/2x4-1/2	5/8	7	13-1/2
7	2	59.50	7-3/4x5	5/8	7-3/8	15-1/2

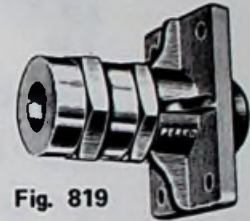


Fig. 819

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	\$16.80	5x3-1/4	6-1/2	5
2	7/8	18.25	5x3-1/4	6-1/2	5
3	1	19.00	5x3-1/4	6-3/4	5
4	1-1/8	23.25	6x4-1/4	7-3/4	9
5	1-1/4	25.00	6x4-1/4	7-3/4	9-1/2
6	1-3/8	36.00	7x4-1/2	8	12-1/2
7	1-1/2	38.00	7x4-1/2	8-1/4	13



Fig. 734

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	\$ 1.80	\$.95	320 - 672 No. O-L
2	3/4	1.80	.95	320 & 672 No. 1-L
3	3/4	2.35	.95	672 No. 1-H & 1089
4	7/8	2.35	.95	320 & 1089
5	7/8	2.35	.95	672 No. 2-H
6	1	2.50	1.15	320, 672 No. 3-H, 819, 1088, 1089
7	1-1/8	3.50	1.45	320, 672 No. 4, 819, 1088, 1089
8	1-1/4	3.50	1.55	672 No. 5
9	1-1/4	4.50	1.90	320, 819, 1088, 1089
10	1-3/8	4.80	2.00	320, 672, No. 6, 819, 1089
11	1-1/2	4.80	2.00	672 No. 7
12	1-1/2	5.75	2.30	320, 819, 1089
13	1-3/4	10.20	4.00	320, 819
14	2	11.00	4.75	819



Fig. 73



Fig. 79

BRASS GREASE CUPS—Fig. 961

No.	Each	Height Closed Inches	Outside Diam. Inches	Pipe Thread Inches	Capacity Ounces
1	\$.75	1-7/16	7/8	1/8	1/4
2	1.00	1-3/4	1-3/16	1/8	1/2
3	1.85	2	1-7/16	1/8	2/3

Standard Package, 10 Pieces.



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	\$14.40	5/8	9-3/8x2-1/2	15	12	3-1/2
1-L	14.40	3/4	9-3/8x2-1/2	15	12	3-1/2
3-L	16.80	1	9-1/2x2-7/8	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	\$20.40	3/4	12x3-1/2	18	12	5-1/4
2-H	20.40	7/8	12x3-1/2	18	12	5-1/4
3-H	20.40	1	12x3-1/2	18	12	5-1/4
4	41.50	1-1/8	17x4-1/4	23-1/2	10	10-1/4
5	41.50	1-1/4	17x4-1/4	23-1/2	10	10-1/4
6	54.50	1-3/8	19x5	28	10	17-3/4
7	54.50	1-1/2	19x5	28	10	17-3/4



Fig. 671

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.



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.
0	\$13.75	5/8 or 3/4	9x4	10	9	3-1/2
1	20.00	3/4	11x5	12-1/4	13	6
2	20.00	7/8	11x5	12-1/4	13	6
3	20.00	1	11x5	12-1/4	13	6
4	33.00	1-1/8	13x5-1/2	14-1/2	14	10
5	33.00	1-1/4	13x5-1/2	14-1/2	14	10



Fig. 589

Stuffing Box only for above, see Fig. 672 heavy pattern such as No. 1-H, 2-H, etc.



Fig. 672



Fig. 673

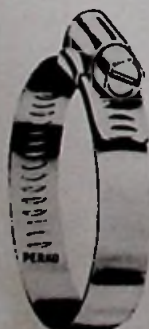


Fig. 1092

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	\$ 6.00	\$.90	\$.95	1-1/4	3-1/4
1-L	3/4	6.00	.90	.95	1-1/4	3-1/4
3-L	1	7.00	1.05	1.00	1-1/2	3-1/2
1-H	3/4	8.25	1.20	1.00	1-3/4	4
2-H	7/8	8.25	1.20	1.00	1-3/4	4
3-H	1	8.25	1.20	1.00	1-3/4	4
4	1-1/8	12.50	3.00	1.10	2-3/8	5
5	1-1/4	12.50	3.00	1.10	2-3/8	5
6	1-3/8	19.00	3.00	1.15	2-5/8	5
7	1-1/2	19.00	3.00	1.15	2-5/8	5



ADJUSTABLE STRUTS—Fig. 1019

For Cutless Rubber Bearing — Cast Bronze

Size Shaft Inches	Width Flange Inches	Length Flange Inches	Length Bearing Inches	Weight Pounds
3/4	3	5-1/2	3	6-3/4
7/8	3	5-1/2	3-1/2	6-3/4
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
1-1/2	3-1/2	6-1/2	6	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						
	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2
5	\$22.00	\$24.00	\$26.00	\$26.00			
6	23.00	25.00	27.00	27.00	\$37.00	\$37.50	\$42.00
7	24.00	26.00	29.00	29.00	39.00	40.00	44.50
8	25.00	27.00	30.00	30.00	42.00	43.50	46.50
9			32.50	32.50	44.00	47.00	49.50
10			34.00	34.00	45.00	47.50	52.00
11					61.00	62.00	61.00
12					64.00	65.00	63.50

Specify size of shaft and length of drop, when ordering.



Fig. 1019

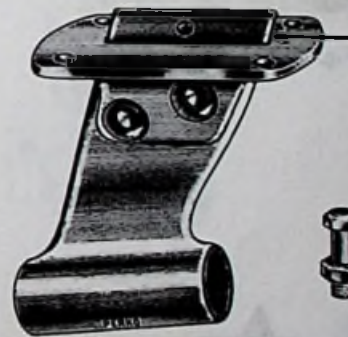
UNIVERSAL STRUTS—Fig. 1055

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. The shank is then drilled for the two bolts and the excess metal above the mounting base is cut off.

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.

No.	Without Bearing Each	For Diam. Shaft Inches	For Cutless Bearing Code	Length Bearing Inches	Weight Pounds
1	\$30.00	3/4	Kale	3	6
2	30.00	7/8	Katy	3-1/2	6
3	30.00	1	Kava	4	6
4	34.50	1-1/8	Kersey	4-1/2	7-1/2
5	34.50	1-1/4	Kibble	5	7-1/2



CUT OFF HERE



Fig. 1055

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
\$19.56	\$5.40	8	4	4	3-1/2

Standard Package, 12 Pieces.



Fig. 326



PERKINS MARINE LAMP & HARDWARE CORP.



NEW

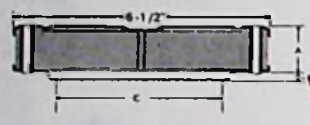
Fig. 456

NEW FLAME ARRESTERS—Fig. 456

Circular Type — Brass
U. S. Coast Guard Approved

Offers protection against fires caused by carburetor back-firing and reduces the possibility of water and dirt entry into carburetor.

Diameter overall, 6-1/2 inches, weight 12 ounces



No.	Style No.	Each	A Inches	B Inches	C Inches
1	B-175-22	\$20.25	1-1/2	7/32	4-7/32
2	B-175-23	22.25	1-1/8	5/8	2-21/32
3	B-175-24	22.25	1-1/8	7/16	2-5/8
4	B-175-25	22.25	1-1/8	7/16	2-5/16
5	B-175-26	20.25	1-1/2	5/8	4-7/32
6	B-175-31	22.25	1-1/8	5/8	4-7/32
7	B-175-32	22.25	1-1/8	1/4	4-7/32
8	B-175-33	20.25	1-1/2	5/8	2-21/32
9	B-175-35	24.25	1-1/2	11/16	5-17/16

9/15

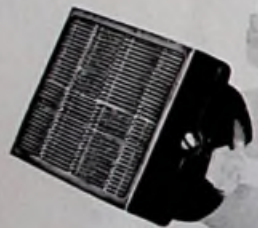
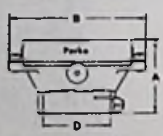


Fig. 464

FLAME ARRESTERS—Fig. 464

Rectangular Type
U. S. Coast Guard Approved



No.	Style No.	Each	A Inches	B Inches	D Inches
3	B-175-19A	\$18.25	2-1/8	3-5/8	1-1/2
4	B-175-14	20.50	2-7/32	4-1/8	2-1/16
5	B-175-12A	18.00	2-19/32	5-1/8	2-5/16
6	B-175-12	19.75	2-19/32	5-1/8	2-3/8
7	B-175-16	19.75	2-19/32	5-1/8	2-5/8
8	B-175-13	21.75	2-19/32	5-7/8	3



NEW

Fig. 457

GASOLINE LOCKOFF VALVE—Fig. 457

U. L. Approved

Shuts off supply of fuel to carburetor when ignition is turned off.

Each \$29.00

NEW



Fig. 458

OIL PRESSURE SWITCH—Fig. 458

U. L. Approved

Use with lockoff valve to shut off fuel to carburetor when oil pressure drops below safe limit.

Each \$17.25



FUEL STRAINER—Fig. 299

Cast Bronze Housing — With “Kwick Klean” Filter — Elements And Corprene Gaskets — For Gasoline — Diesel Fuel — Lubricating Oil — Air — Water

The filter elements used are equivalent to 300 mesh screen cloth and are guaranteed to strain water from gasoline. They have a high flow rate, long life and are easy to clean. They can also be replaced in a few minutes by the removal of one nut. A soldering iron is not necessary. The special highly engineered filter element we supply is not ordinary wire mesh but a wound microcarbon ribbon, phenolic resin impregnated. Easily cleaned by reverse flow or back flushing of compressed air.

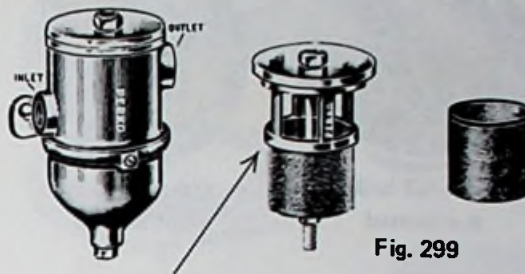


Fig. 299

Improvement — Threaded here instead of at top flange. This prevents passage of foreign matter out of lower chamber.

Size No.	Complete Each	Spare Elements Each	Length Overall Inches	Diam. Inches	Tapped For Pipe Inches	Weight Pounds
1-A	\$21.00	\$1.00	5-1/2	2-3/8	1/4	3-3/4
1-B	21.00	1.00	5-1/2	2-3/8	3/8	3-3/4
1-1/2-A	30.00	1.10	6-1/4	3-1/8	3/8	5-1/2
1-1/2-B	30.00	1.10	6-1/4	3-1/8	1/2	5-1/2

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
\$14.00	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	\$20.50	2-1/2x2-3/4	4-1/4	3-1/4	1-5/8
00	1/2	20.50	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	\$30.00	\$ 5.50	\$.35	\$2.65	\$ 1.75
2	37.80	6.85	.45	4.10	3.75
3	39.50	7.15	.45	4.60	3.95
4	42.00	8.25	.45	5.25	4.15
5	64.00	12.00	.75	6.00	7.25
6	79.00	17.00	.75	8.80	10.00
7	106.00	17.00	.75	8.80	10.00

Spare Nylon Wing Nut Gaskets

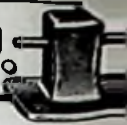
Nos. 1 Thru 4..... \$.35 each.
Nos. 5, 6, 7..... \$.50 each.

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. 527



Fig. 419

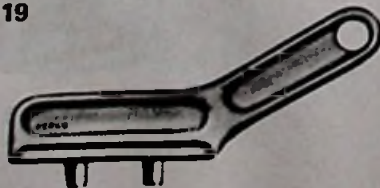


Fig. 1248

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" or "WATER" in flange, all sizes except 3/4 inch. No "WATER" in 1 inch size.

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	\$ 3.90	\$ 5.80	\$.25	2-5/8	5	1/2
*1	4.50	6.30	.25	2-7/8	5	5/8
*1-1/4	5.70	7.70	.25	3-5/16	5	7/8
*1-1/2	6.70	8.75	.25	3-5/8	5	1
*2	10.50	13.00	.35	4-1/4	5	1-1/2
2-1/2	14.00	16.50	.55	4-5/8	1	2
3	19.00	21.50	.65	5-3/8	1	2-1/2

Caps only, price is 50% of complete plate.

*Supplied with new 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	\$ 3.95	\$ 5.65	\$.25	2-1/2	5	1/3
*1-1/2	4.95	6.90	.25	3-3/16	5	3/4
*2	5.80	8.00	.35	3-5/8	5	3/4
*2-1/2	7.50	10.00	.35	4-1/2	1	1
3	8.60	12.70	.75	4-7/8	1	1-1/2
3-1/2	13.00	15.00	.85	5-1/2	1	1-3/4
4	13.25	16.50	.85	5-3/4	1	2
5	19.00	22.50	1.00	7-1/16	1	2-3/4
6	26.50	34.00	1.85	8-1/4	1	5
8	43.00	47.50	2.65	10-1/4	1	7

Caps only, price is 50% of complete plate.

*Supplied with new key Fig. 1248.



VENTILATOR DECK PLATES—Fig. 527

Cast Bronze — Screw Type

Diameter Opening Inches	Machine Finish Each	Polished Bronze Each	Chromium Plated Each	Diameter Plate Inches	Weight Pounds
*2	\$ 7.80	\$10.50	\$11.00	3-5/8	3/4
*2-1/2	9.50	12.50	13.25	4-1/2	1-1/4
3	12.00	14.00	16.00	4-7/8	1-5/8
3-1/2	13.00	17.50	18.50	5-1/2	2
4	16.50	21.00	22.50	5-3/4	2-1/2
5	21.00	26.50	28.00	7-1/16	3-1/2
6	33.50	40.00	42.00	8-1/4	6-1/4
8	50.00	56.00	58.00	10-1/4	8-1/2

Complete with key and extra ring for cowl.

*Supplied with new key Fig. 1248.



SWIVEL DECK PLATES—Fig. 419

Cast Bronze — For Cowl Ventilators

For Size Ventilator Inches	Opening in Base Inches	Machine Finish Each
3	2-1/4	\$ 9.50
4	3-1/2	13.00
5	4-1/2	16.75
6	5	24.00
8	7	31.00

Permits cowl to be turned to any direction.



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.



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
\$2.75	1-1/2	1-1/8	3-1/8	7	9-1/2

Spare caps only with chain, \$2.00 each. Standard Package, 5 Pieces.



Fig. 1245

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	\$ 8.40	1-1/2	13/16	3-1/4	8	9-1/2
2	10.75	2	13/16	3-7/8	8	15

Standard Package, 5 Pieces.



Fig. 520

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	\$4.50	1-3/8	1-1/2	2-7/8	4-1/4	1-1/8
2	4.50	1-5/8	1-7/8	3-1/8	4-1/4	1-1/4

Chain is attached to inside tube.



Fig. 1251



Fig. 1276

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 Diameter Neck Inches	For Hose Inches	Length Neck Inches	Flange Dimensions Inches	Weight Pounds
1	\$5.50	1-3/8	1-1/2	2-7/8	4x4	1-1/4
2	5.50	1-11/16	1-7/8	3-1/8	4x4	1-5/8

Chain is attached to inside tube.

NEW 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
\$4.20	1-5/8	1-7/8	3-1/8	3-1/8	15



Fig. 1210

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.

Each	Length Inches	Width Inches	Weight Ounces
\$.75	1-1/2	1	2

Standard Package, 10 Pieces



Fig. 1275



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		\$1.50	\$1.75	3/8	9/16	1	2
509	1	2.75	3.60	3/8	9/16	1	4
509	2	3.25	4.50	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

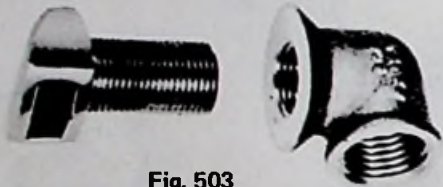


Fig. 503

No.	Plain Each	Chromium Plated Each	Neck Pipe Size Inches	Elbow Pipe Size Inches	Max. Wood Thickness Inches	Weight Ounces
1	\$3.30	\$4.10	3/8	3/8x3/8	1	5-1/2
2	3.30	4.10	3/8	3/8x1/2	1	5-1/2
3	3.90	5.25	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	\$2.75	\$3.75	3/8	7/8	3-3/4
2	3.25	4.50	1/2	7/8	5-1/4

Standard Package, 10 Pieces.



DECK PLATE KEY—Fig. 827

Stainless Steel

Will fit various sizes of deck plates up to 3 inches.

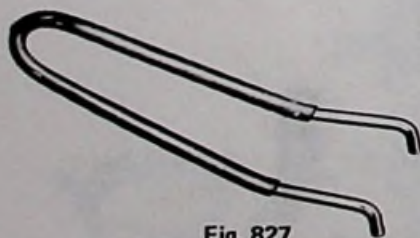


Fig. 827

Each	Length Overall Inches	Diameter Metal Inches	Weight Ounces
\$1.10	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.

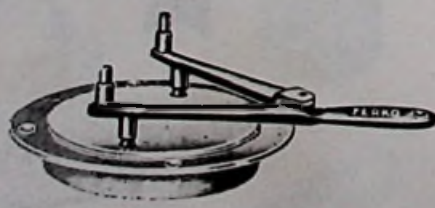


Fig. 826

Each	Length Overall Inches	Weight Pounds
\$3.60	8-1/2	1

Standard Package, 5 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	\$2.20	\$3.00	1-7/8	3-1/4	1/8
2	2.65	3.70	2-13/32	4	1/3
2-1/2	3.25	4.50	2-29/32	4-1/2	1/2
3	4.15	5.20	3-17/32	5-1/2	3/4
3-1/2	4.30	5.40	4-1/32	6	1

Fig. 738 for Tubing

2	\$2.65	\$ 3.70	2-1/16	4	1/3
2-1/2	3.25	4.50	2-9/16	4-1/2	1/2
3	4.15	5.20	3-1/16	5	5/8
3-1/2	4.25	5.35	3-9/16	5-1/2	3/4
4	4.25	5.35	4-1/16	6	3/4
5	6.00	7.20	5-1/16	7-1/16	1
6	8.65	10.20	6-1/16	8-1/16	1-3/8
8	9.80	14.00	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
\$4.80	\$7.00	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	\$.45	1/4	5/8	3/8	11/16	10	2
10	.55	3/8	5/8	5/8	1-1/16	10	6
12	.55	5/8	3/4	11/16	1-1/4	10	6
16	.55	3/4	1	13/16	1-1/2	10	7
*20	.55	1	1-1/4	13/16	1-3/4	10	7
*28	.55	1-1/4	1-3/4	1-5/16	2-1/4	10	8
*36	.60	1-3/4	2-1/4	1-13/16	2-3/4	10	9
44	.60	2-1/4	2-3/4	2-5/16	3-1/4	10	9
52	.62	3	3-1/4	2-13/16	3-3/4	10	11
56	.62	3-1/4	3-1/2	3-1/16	4	10	11
64	.65	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	\$ 8.50	\$10.75	3-1/4	1-13/16	1	1-1/4
2	12.25	14.75	3-3/4	2-1/4	1-1/2	2

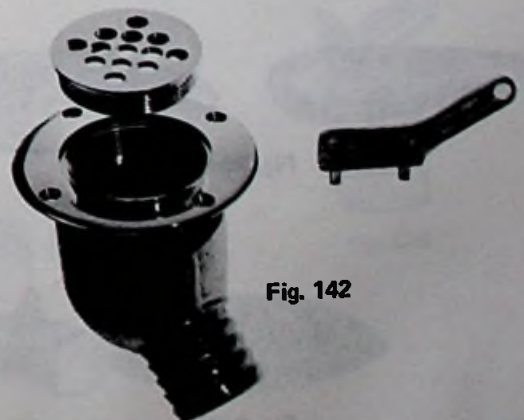


Fig. 142



Fig. 252



Fig. 253



Fig. 407



Fig. 244

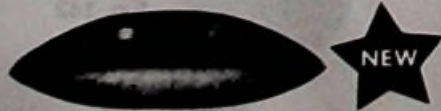


Fig. 247

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	2.40	1-3/8	2-3/4	2-1/2	10	1-3/8
7	2.40	1-1/2	2-3/4	2-1/2	10	1-3/8
8	3.20	1-3/4	2-7/8	3-1/4	5	2-1/2
9	3.20	2	2-7/8	3-1/4	5	2-1/2



ELECTROLYSIS COLLARS—Fig. 253

Zinc Sand Castings — Heavy Duty Commercial Type — For Shaft

9-A	\$5.75	2-1/4	1-3/4	5	4-3/4
10	5.50	2-1/2	1-3/4	5	4
11	5.25	3	1-3/4	5	4



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	\$1.80	2-7/8	5/8	1-1/2	10	1
3	4.50	5	5/8	2	5	3



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.



ELECTROLYSIS ELIMINATORS—Fig. 247

For Hull

Zinc Die Castings

Each	Length Inches	Width Inches	Thickness Inches	Standard Package	Weight Ounces
\$1.10	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
\$2.45	6-1/4	2-3/4	5/8	2-1/4

Standard Package, 5 Pieces.



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	\$1.70	\$.70	3/8	3/8x1-3/4	2
2	2.10	.90	1/2	5/8x2	4-1/2
3	2.65	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.



BOAT HOOKS—Fig. 224

Ball Points — Galvanized Malleable Iron

Size No.	Each	For Diam. Pole Inches	Extreme Length Inches	Weight Ounces
4	\$2.40	1-1/4	8-1/4	12
5	3.30	1-1/2	9-3/8	18

NOTE — Pole end is measured by outside diameter to fit flush with surface of pole.



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
\$1.20	3-1/2	1	6	10 pr.	1-1/2



"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	\$.90	5/8 to 1-1/4	1-1/2	1/2	6	2
2	1.05	1 to 1-3/4	2-1/4	5/8	6	2-1/2

Standard Package, 10 Pair Per Size.



"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
\$1.05	up to 1-1/4	2-3/8	1

Standard Package, 10 Pieces.



RING BUOY HOLDERS—Fig. 1017

Cast Bronze

Plain Bronze Each	Chromium Plated Each	Width Mounting Plate Inches	Hgt. Overall Inches	For Screw No.	Wt. Lbs.
\$2.50	\$5.25	3	4-1/2	8	1/2

Standard Package, 5 Pieces.



Fig. 345



Fig. 254

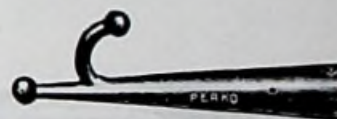


Fig. 224

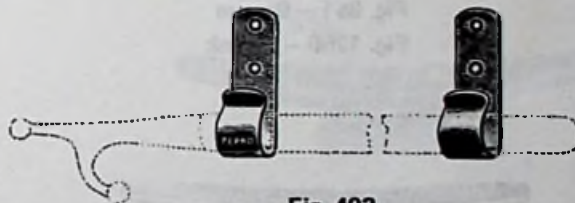


Fig. 492

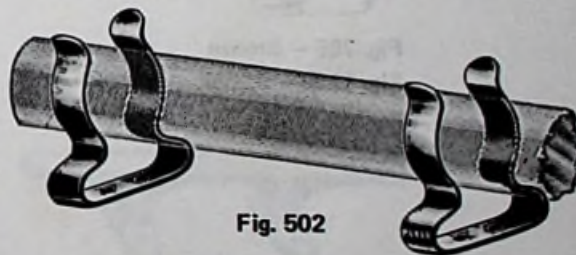


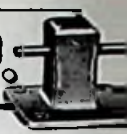
Fig. 502



Fig. 525



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	\$2.50	2-5/8x1-5/16	3/8	8	10	3-1/2
4-1/2	4.00	4-1/4x1-3/4	5/8	10	10	9

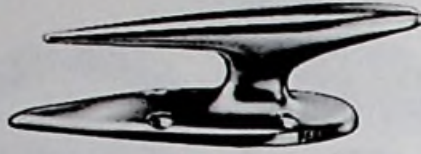


Fig. 850 – Bronze
Fig. 566 – Zamak

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	\$.65	2-3/16x1-1/8	5/16	6	10	1-1/2
3	.85	3-1/8 x1-1/2	3/8	8	10	4-1/2
4-1/2	1.35	4-7/16x1-7/8	1/2	10	10	8-1/2
6	2.10	5-1/2 x2	3/4	12	5	13-1/2
7-1/2	5.00	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	\$2.50	1-7/16x1-3/16	3/8	8	10	2
4-1/2	3.25	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	\$.95	1-1/2x1-1/4	3/8	8	10	2
4-1/2	1.45	1-7/8x1-1/2	1/2	8	10	5-1/2
6	2.25	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	\$3.95	1-7/16x1	5/8	10	5
4	6-1/2	4.75	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	\$.80	7/8 x1/2	3/8	8	1
2	3-1/2	1.00	1-3/16x11/16	1/2	8	2-1/4
3	5	1.50	1-7/16x1	5/8	10	4-3/4
4	6-1/2	2.20	1-3/4 x1-3/16	3/4	10	7

Standard Package, 10 Pieces.



STURDY CLEATS WITH STUDS

Studs 1/4"-20x1-1/4" Long – With Nuts and Washers –

Cast Bronze – Chromium Plated – Fig. 766

No.	Length Inches	Each	Size Base Inches	For Rope Inches	Weight Ounces
3	5	\$4.50	1-7/16x1	5/8	6-1/2
4	6-1/2	5.20	1-3/4 x1-3/16	3/4	9-3/4



Fig. 766 – Bronze
Fig. 1204 – Zamak

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	\$1.45	1-3/16x11/16	1/2	3-1/4
3	5	1.85	1-7/16x1	5/8	7-1/2
4	6-1/2	2.65	1-3/4 x1-3/16	3/4	11-1/2

Standard Package, 10 Pieces Per Size.



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	\$2.10	\$2.20	8	10	2-1/2
4	2.50	2.75	10	10	4
5	3.60	3.95	1/4"	10	5-1/2
6	4.30	4.60	1/4"	10	8

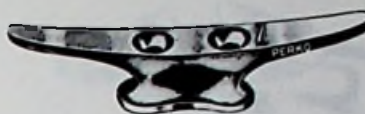


Fig. 544-A

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	\$.42			3/16
4	.48		See Figure 544 A	1/4
5	.65			3/8
6	.90			1/2
8	1.65	\$6.60	\$7.00	1-1/4
10	2.75	11.00	11.50	2-1/4
12	4.10	16.50	17.40	3-3/4
14	6.00			6-1/4



Fig. 544

CAST ALUMINUM CLEATS—Fig. 545

Plain Finish

Length Inches	Each	Size Base Inches	For Screw No.	Weight Ounces
3	\$.47	1-1/2x5/8	8	1-1/2
4	.55	1-5/8x3/4	10	2
5	.65	2 x7/8	1/4"	3
6	.90	2-1/4x7/8	1/4"	4
*8	1.15	2-5/8x1-1/8	1/4"	5
*10	2.10	3-5/8x1-1/4	5/16"	9
*12	2.60	4 x1-1/2	5/16"	14

*These sizes are open base type.
Balance of sizes are solid base type.



Fig. 545



YACHT CLEATS

Cast Bronze — Fig. 572

Length Inches	Polished Bronze Each	Chromium Plated Each	For Screw No.	Standard Package	Weight Pounds
4-1/2	\$ 4.30	\$ 4.80	10	10	1/2
5-1/2	4.95	5.30	10	5	5/8
6-1/2	6.45	6.85	12	5	3/4
*8	7.30	7.95	1/4"	5	1-1/4
*10	11.60	12.60	5/16"		2
*12	17.20	18.95	5/16"		3

Zamak Die Castings — Chromium Plated — Fig. 1188

Length Inches	Each	Width Base Inches	For Screw No.	Standard Package	Weight Ounces
4	\$1.95	1-5/8	10	10	3-1/2
6	2.35	1-3/4	10	10	7-1/2

*These Sizes Are Hollow, Balance Of Sizes Are Solid.



Fig. 572—Bronze

Fig. 1188—Zamak

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	\$ 3.50	4 x2-1/4	1/2	1-1/8
10	4.65	4-1/2x3	1/2	1-3/4
12	7.15	6-1/2x2-7/8	5/8	3-1/2
15	10.75	7 x3-1/4	3/4	4-7/8



Fig. 530

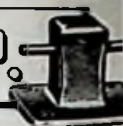


Fig. 767 Bronze

Fig. 1292 Zamak

"STURDY" CHOCKS

Cast Bronze - Chromium Plated - Fig. 767

Per Pair	Length Overall Inches	Extreme Width Base Inches	For Rope Diameter Inches	Screw No.	Weight Per Pair Ounces
\$6.00	4-1/2	1	1/2	10	11

Zamak Die Casting - Chromium Plated - Fig. 1292

Per Pair	Length Overall Inches	Extreme Width Base Inches	For Rope Diameter Inches	For Screw No.	Weight Per Pair Ounces
\$2.20	4-1/2	1	1/2	10	8

Standard Package, 10 Pairs.



MODERN DESIGN BOW CHOCKS—Fig. 852

Cast Bronze - Chromium Plated

Per Pair	Length Overall Inches	Width Base Inches	For Diam. Rope Inches	For Screw No.	Weight Per Pair Ounces
\$6.00	4	15/16	1/2	8	10

Standard Package, 10 Pairs.



MODERN DESIGN BOW CHOCKS—Fig. 1253

Zamak Die Castings - Chromium Plated

Per Pair	Length Overall Inches	Width Base Inches	For Diam. Rope Inches	For Screw No.	Weight Per Pair Ounces
\$1.85	4	13/16	1/2	10	7

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	Bronze For Screw No.	Wt. Per Pair Lbs.
3	\$ 3.50	\$ 3.95	5/8	1/2	8	1/4
4	4.50	4.95	3/4	5/8	10	1/2
5	8.50	9.25	7/8	7/8	10	1
6	11.75	12.55	1	1	14	1-1/2
8	16.60	18.00	1-1/4	1-1/8	14	3

Standard Package, 5 Pairs.



SKENE BOW CHOCKS—Fig. 1223

Zamak Die Casting - Chromium Plated

Per Pair	Length Overall Inches	Width Base Inches	For Diam. Rope Inches	For Screw No.	Weight Per Pair Ounces
\$1.35	3-1/2	7/8	1/2	8	4

Standard Package, 10 Pairs.



STRAIGHT STERN CHOCKS—Fig. 119

Cast Bronze

Length Inches	Polished Bronze Each	Chrome Plated Each	Width Inches	For Diam. Rope Inches	Bronze For Screw No.	Wt. Each Lbs.
4	\$3.85	\$ 4.15	7/8	3/4	8	1/4
5	5.10	5.40	1	7/8	10	1/2
6	5.80	6.10	1-1/8	1	12	3/4
8	9.70	10.50	1-5/8	1-1/8	14	1-1/2
10			1-3/4	1-1/2	5/16"	2-3/4
12			2-5/8	1-3/4	3/8"	7-1/2

Standard Package, 4, 5 & 6 inches. 5 Pieces.



Fig. 852



Fig. 1253



Fig. 546



Fig. 1223



Fig. 119



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
\$2.00	4	1	1/2	10	3-1/2

Standard Package, 10 Pairs.

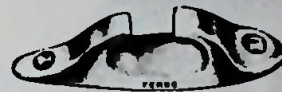


Fig. 1240

SKENE BOW CHOCKS—Fig. 160

Cast Bronze

Size No.	Polished Bronze Per Pair	Chromium Plated Per Pair	Length Inches	Width Inches	For Diam. Rope Inches	Weight Per Pair Pounds
1	\$ 8.30	\$ 9.25	4-1/2	3/4	5/8	3/4
2	12.50	13.40	5-1/8	1-1/8	3/4	1-1/2
3	24.00	25.00	7-1/4	1-3/8	7/8	4



Fig. 160

SKENE STERN CHOCKS—Fig. 161

Cast Bronze

Size No.	Polished Bronze Each	Chromium Plated Each	Length Inches	Width Inches	For Diam. Rope Inches	Weight Each Pounds
11	\$ 4.10	\$ 4.80	4	7/8	5/8	1/2
12	8.10	8.90	5-3/4	1-1/4	3/4	1
13	12.00	12.90	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 Spigot Inches	Weight Pounds
\$6.50	\$9.00	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.	Polished Bronze Each	Chromium Plated Each	Size Base Inches	Height Inches	For Diam. Rope Inches	Weight Pounds
2	\$15.00	\$15.60	4-1/4x4-1/4	3-1/2	3/4	1-3/4
3	27.50	28.50	6 x6	5	1	4
4	57.50	60.00	7 x7	6-1/2	1-1/4	12

- No. 2 Drilled for 1/4 inch bolt.
- No. 3 Drilled for 5/16 inch bolt.
- No. 4 Drilled for 1/2 inch bolt.

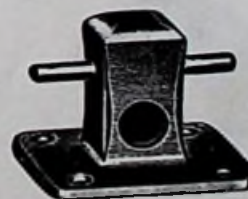


Fig. 431

MOORING BITTS—Fig. 608

Cast Bronze — With Stainless Steel Cross Pin

No.	Polished Bronze Each	Chromium Plated Each	Size Base Inches	Height Inches	For Screw No.	Weight Pounds
1	\$ 7.50	\$ 8.50	3 x3	2-1/2	10	7/8
2	13.40	14.40	4-1/4x4-1/4	3-1/2	1/4"	1-7/8
3	26.00	27.00	6 x6	5	5/16"	4-1/2
4	55.00	58.00	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
\$15.25	5-1/4x4	3-3/4x2-1/2	1-3/8	2

Spare Cover With Hook and Chain, \$8.75.



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
\$7.50	\$3.10	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	\$ 7.75	5/8	1-1/4	3	8	3/4
1	12.50	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
\$.55	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
\$.95	1-1/2	3/8	1

Standard Package, 10 Pieces.

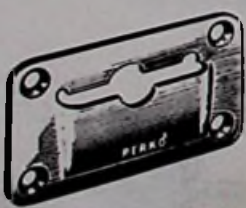


Fig. 148

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
\$5.00	\$2.50	\$2.50	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
\$21.00		\$23.50		\$6.50		\$7.75

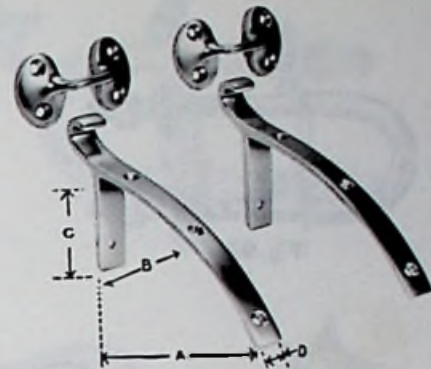


Fig. 717

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
\$3.50	\$7.00	\$2.00	\$3.00



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
\$5.00	\$10.50	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
\$6.30	\$8.40	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
\$10.30	\$13.45	11x4-1/2	11x2	2-7/8



Fig. 501



BOW EYES—Fig. 237

18-8 Stainless Steel — Polished

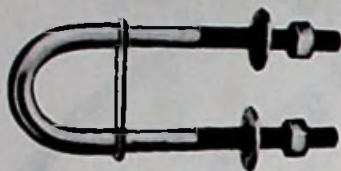


Fig. 237



No.	Each	Length Shank Inches	Diameter Metal Inches	Length Thread Inches	Inside Eye Inches	Weight Ounces
1	\$2.50	3	5/16	2-1/16	1	4
2	3.20	6	5/16	3-5/8	1	5-1/2
3	3.50	3	3/8	2-1/8	1-1/8	5
4	6.60	3	1/2	2-1/2	1-1/2	12

Standard Package, Nos. 1, 2, 3, 10 Pieces. No. 4, 5 Pieces.



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.

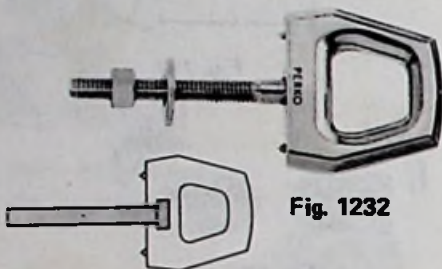


Fig. 1232

No.	Each	Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Eye Inside Inches	Weight Ounces
1	\$1.75	3	2-1/2	3/8	1	10
3	1.80	3	2-1/2	1/2	1	10-1/2

Standard Package, 10 Pieces Per Size.



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

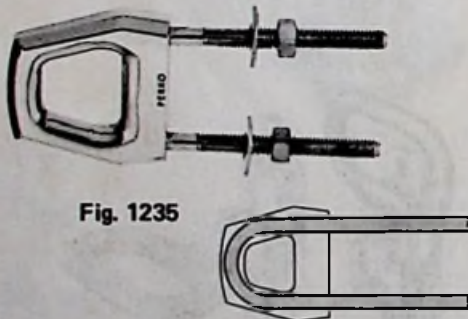


Fig. 1235

No.	Each	Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Inside Eye Inches	Weight Ounces
1	\$1.90	3	2-3/4	5/16	1	11

Note illustration of "U" bolt which provides greater strength.

Standard Package, 10 Pieces.



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.

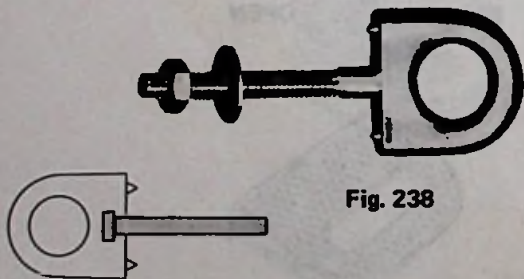


Fig. 238

Nickel Plated Bronze Each	Chromium Plated Each	I.D. Eye Inches	Length Shank Inches	Diameter Shank Inches	Length Thread Inches	Weight Ounces
\$3.25	\$4.15	1-1/4	3	3/8	2-1/2	11

Standard Package, 10 Pieces.



BOW EYES—Fig. 239

Drop Forged Bronze — Extra Strong Shank

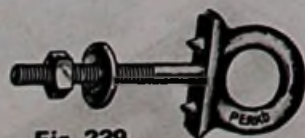


Fig. 239

No.	Dull Bronze Each	Chromium Plated Each	I.D. Eye Inches	Lgth. Shank Inches	Diam. Shank Inches	Weight Ounces
1	\$2.65	\$3.10	1	3-1/8	3/8	5-1/2
2	3.60	4.10	1	6	3/8	7

Standard Package, 10 Pieces.



NEW 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	\$2.75	5/16	3	1	3x1-3/4	6
3	3.50	3/8	3	1-1/8	3x1-3/4	10
4	7.00	1/2	3-1/2	1-1/2	4x1-3/4	14-1/2

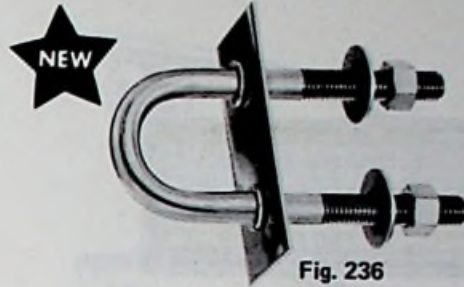


Fig. 236

NEW 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	\$2.25	\$4.25	4x2-1/2	1	1/4	8
2	3.70	6.00	5x3-1/8	1-1/2x1	5/16	14-1/2



Fig. 423

HEAVY DUTY LIFTING EYES—Figs. 409 & 410

18-8 Stainless Steel — Type No. 304 — Satin Finish — For 5/8" Rod

A good strong eye made to do the job and designed to conform in styling with other fittings on the modern boat.

Fig.	Each	I.D. Eye Inches	O.D. Eye Inches	Weight Ounces
409	\$18.00	1-1/2	2-1/4	17-1/2
410	19.25	1-1/2	2-1/4	17



Fig. 409
INTEGRAL FLANGE



Fig. 410
LOOSE FLANGE

ANGULAR KEEL PLATES—Fig. 447

Cast Manganese Bronze — Burnished — For 5/8 Inch Rod

Each	Dimensions Base Inches	For Diam. Bolt Inches	Weight Ounces
\$3.25	3-1/4x1-3/8	1/4	9



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	\$1.65	5/16x1-1/2	2-1/8x2-1/8x1/4	12	33
2	2.10	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
\$1.45	\$3.15	4-1/8x3/4	8	4-1/2



Fig. 1020



Fig. 1225

STEP PLATES—Fig. 1225

Zamak Die Casting — Chromium Plated — With White Moulded Rubber Step Pads

No.	Complete Each	Overall Dimensions Inches	For Screw No.	Weight Ounces
0	\$1.50	8-3/8x2-1/4	6	5
1	1.85	8-3/4x3-1/4	6	8
2	3.75	11-1/2x5-3/4	8	12

Standard Package, Nos. 0 & 1, 10 Pieces. No. 2, 5 Pieces.



Fig. 1043

STEP PLATES—Fig. 1043

Cast Bronze Frame — Chromium Plated — With White Moulded Rubber Step Pads

No.	Complete Each	Overall Dimensions Inches	For Screw No.	Weight Pounds
0	\$3.55	8 x 2-1/4	4	1/2
1	6.80	8-3/4x3-1/4	6	3/4
2	10.65	11-1/2x5-3/4	8	1-3/4

Standard Package Nos. 0 and 1, 10 Pieces. No. 2, 5 Pieces.



Fig. 1044

UTILITY RUBBER STEP PLATES—Fig. 1044

Heavy Corrugated — White With Brass, Chromium Plated Frame

No.	Each	Overall Dimensions Inches	Weight Pounds
4	\$ 8.50	10 x 4	3/4
5	9.50	13 x 5	1
6	11.75	17 x 6	1-1/2
7	13.00	18 x 7	2

disc

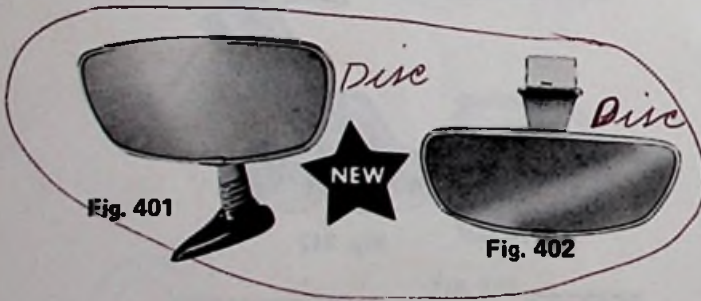


Fig. 401

Fig. 402

NEW CURVED REAR VIEW MIRRORS
BRASS - CHROMIUM PLATED

DECK MOUNTING—Fig. 401
WINDSHIELD MOUNTING—Fig. 402

Fig.	Each	Width Mirror Inches	Height Mirror Inches	Weight Ounces
401	\$7.00	7	3-1/2	12
402	6.50	7	3-1/2	9



Fig. 400

CURVED REAR VIEW MIRRORS

Wide Vision — Non-Glare — Lead Backed Glass



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	\$7.00	11-3/8	2-1/2			1/2
406	9.25	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
\$7.75	7-1/2	1-3/4	8	15

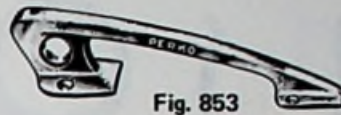


Fig. 853

BOW HANDLE—Fig. 1244

Zamak Die Casting – Chromium Plated

Chromium Plated Each	Length Base Inches	Height Above Deck Inches	For Screw No.	Weight Ounces
\$3.85	12	1-3/4	8	13

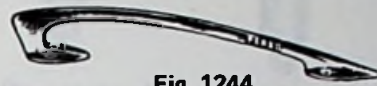


Fig. 1244

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
\$1.75	6-1/2	2	8	5-1/2

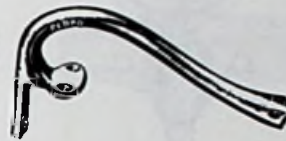


Fig. 1221



Fig. 1234

Standard Package, 10 Pieces.

TRANSOM HANDLE—Fig. 854

Cast Bronze – Chromium Plated

Each	Length Base Inches	Height Above Deck Inches	For Screw No.	Weight Ounces
\$4.00	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
\$.90	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
\$1.25	6	3-1/2	1-5/16	10	7-1/4

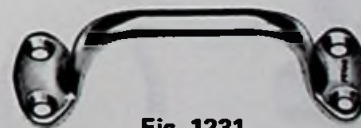


Fig. 1231

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	\$1.55	\$1.85	\$2.10	4-1/4	2-5/8	6	2
775 2	2.45	2.75	3.10	5-3/4	3-3/4	8	4
1222			1.10	5-3/4	3-3/4	8	3-1/2



Bronze Fig. 775
Zamak Fig. 1222

Standard Package, 10 Pieces Each Size.



Fig. 1262

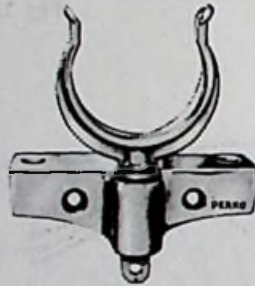


Fig. 1263



Fig. 1285



Fig. 1227

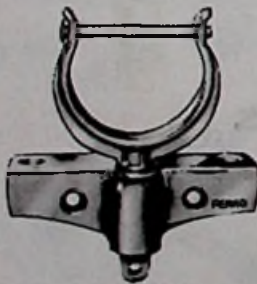


Fig. 1228



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	\$2.20	\$1.00	\$1.20
Chromium Plated	3.65	1.95	1.70



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	\$2.50	\$1.00	\$1.50
Chromium Plated	4.50	1.95	2.55



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	\$2.25	\$1.00	\$1.25
Chromium Plated	4.10	1.95	2.15



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	\$2.40	\$1.20	\$1.20
Chromium Plated	3.85	2.15	1.70



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	\$2.70	\$1.20	\$1.50
Chromium Plated	4.70	2.15	2.55



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	\$2.45	\$1.20	\$1.25
Chromium Plated	4.30	2.15	2.15

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	\$2.30	\$1.10	\$1.20
Chromium Plated	3.75	2.05	1.70

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	\$2.60	\$1.10	\$1.50
Chromium Plated	4.60	2.05	2.55

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	\$2.35	\$1.10	\$1.25
Chromium Plated	4.20	2.05	2.15

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	\$1.70	\$1.05	\$.65	1-3/4	1-1/8
1	1.85	1.20	.65	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	\$2.30	\$1.60	\$.70	1-3/4	1-1/8
1	2.95	2.25	.70	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	\$3.55	\$1.75	\$1.80	1-3/4	1-1/4
1	3.70	1.90	1.80	2	1-1/2



Fig. 1267



Fig. 1268



Fig. 1269



Fig. 638



Fig. 639



Fig. 646



Fig. 643

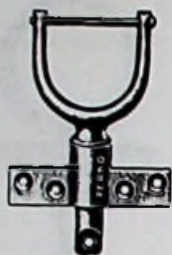


Fig. 644

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	\$2.70	\$2.05	\$.65	2-1/8	1-1/2
644	3.60	2.05	1.55	2-1/8	1-1/2



DAVIS PATTERN ROWLOCKS—Fig. 641

Galvanized Malleable Iron



Fig. 641

Size No.	Per Pair	Opening Inches	Weight Per Pair Pounds
0	\$4.75	1-3/4	2
1	5.00	2	2



ROUND SOCKET ROWLOCKS—Fig. 642

Galvanized Malleable Iron



Fig. 642

Size No.	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair	Inside Diam. Inches	Weight Per Pair Pounds
0	\$2.45	\$1.80	\$.65	2	1-1/8
1	2.90	2.25	.65	2-1/4	1-1/4



OAR LEATHERS AND BUTTONS—Fig. 233

Russet Leather



Fig. 233

No.	Per Pair
1 Complete, Leathers and Buttons	\$2.00
2 Leathers Only—7x6-1/2 inches	1.70
3 Buttons Only—1/2x13 inches	.35

Standard Package, 10 Pairs.



“SAV-OR” COMBINATION OAR SLEEVE AND STOP—Fig. 648

Black Moulded Natural Rubber



Fig. 648

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
\$3.50	9	1-3/4 to 2	1-1/2 to 1-3/4	6-1/2



TRANSOM PLATES—Fig. 1224

Zamak Die Castings — Chromium Plated



Fig. 1224

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	\$1.30	3-1/2	1-7/8	2-3/4	20
2	2.00	3-1/2	2-1/16	3	20



"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
\$6.60	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
\$6.35	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
\$6.95	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
\$6.50	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
\$5.75	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
\$5.75	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
\$9.50	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



PERKINS MARINE LAMP & HARDWARE CORP.



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	\$1.30	1-3/4	1-7/8x1-5/8	10	6-1/2
1208	1.20	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	\$4.20	1-5/8	2-1/16x1-9/16	6	5
432-A	3.60	1-5/8	1-5/8 x1-1/4	6	2-3/4

Standard Package, 5 Pieces.



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	\$6.00	2-1/4	3 x2	8	10
413-A	5.00	2-1/4	2-3/4x1-1/2	8	7-1/4

Standard Package, 5 Pieces.



Fig. 1297 End Posts
Fig. 1298 Center Posts



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	\$6.00	1	3-3/8	2-1/2	10

Standard Package, 5 Pieces



Center Fig. 215 End Posts



End

Fig. 215-A Center Posts

NEW 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
\$1.10	1-3/4	1-5/8	2-3/4

Standard Package, 10 Pieces.



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
\$4.80	1	1-3/4	3-1/2x5/8	5

Standard Package, 5 Pieces.



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	\$12.90	12	1-1/4	1
2	14.00	18	1-1/4	1-3/8
3	15.35	24	1-1/4	1-3/4
4	17.75	36	1-1/4	2-1/2

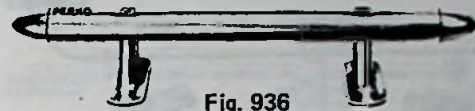


Fig. 936

GRAB RAILS—Fig. 379

Cast Bronze Posts - Brass Tubing - Chromium Plated

No.	Each	Length Between Posts Inches	Diameter Tubing Inches	Diameter Base Inches
1	\$15.50	12	1	2-1/2
2	16.80	18	1	2-1/2



Fig. 379

Longer Lengths, Add \$3.00 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	\$ 9.65	4	1-1/2
2	19.25	8	3
3	28.50	12	4-1/2



Fig. 916

BRASS-CHROMIUM PLATED TUBING—Fig. 498

No.	*Each	**Per Inch	Outside Diameter Inches	Length Feet	B & S Gauge
1	\$10.50	\$.18	5/8	6	22
2	12.50	.20	3/4	6	20
3	15.00	.24	1	6	20



Fig. 498

*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.

NEW

ANODIZED ALUMINUM TUBING—Fig. 497

For Grab Rails - Polished - 3/4" Outside Diameter

Length Feet	Each	Weight Ounces
6	\$4.50	10



Fig. 497

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	\$11.75	2-3/8x1-3/8	5	3/4
2	12.50	2-7/8x1-1/4	5-1/2	1

Fig. 185

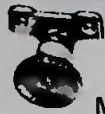
No.	Each	Size Rail Inches	Length Overall Inches	Weight Pounds
1	\$11.00	2-3/8x1-3/8	5	1-1/16
2	12.00	2-7/8x1-1/4	5-1/2	1-1/4



Hinge
Fig. 180



Latch
Fig. 185



Side Mounting
Fig. 1290



Offset Mounting
Fig. 1291



Port Side
Fig. 82



Fig. 360

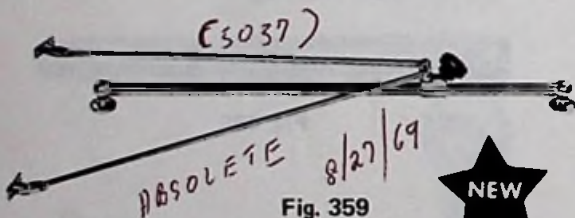


Fig. 359

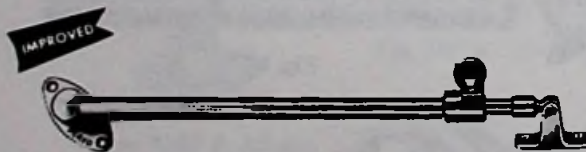


Fig. 1179

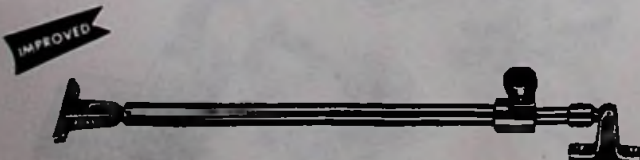


Fig. 1180

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
\$8.50	\$.85	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	23.50	25.50	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
\$17.50	27-1/2	23	22-1/2	3-3/4

Special sizes to order, in manufacturing quantities only. Minimum 100 pieces.

NEW 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
\$32.00	28	24-1/2	24	8	3-3/4

IMPROVED 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	\$8.25	10	18	1/2	9
2	8.75	12	20	1/2	11

IMPROVED 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
\$8.50	12	21	1/2	10



WINDSHIELD ADJUSTERS—Fig. 1116 Chromium Plated

No.	Each	Length Inches	Diam. Rod Inches	Weight Ounces
1	\$6.00	8	3/8	11
2	6.25	10	3/8	12
3	6.50	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
\$6.25	1-9/16x1	1-7/8x7/8	1-1/4	10	6

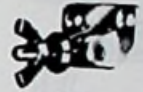


Fig. 967

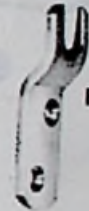


WINDSHIELD KEEPER OR HATCH FASTENER—Fig. 697 Chromium Plated

Per Set	Base of Keeper Inches	Base of Plate Inches	Standard Package	Weight Ounces
\$3.35	1-1/2x5/8	1-1/2x3/4	10	3



Fig. 697



A set consists of parts illustrated.

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
\$6.90	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
\$.55	2-5/8	10-32	3/8	10	1



Fig. 1247

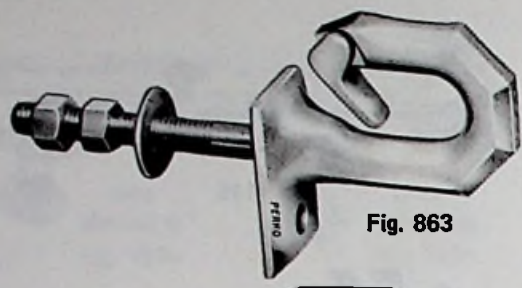


Fig. 863

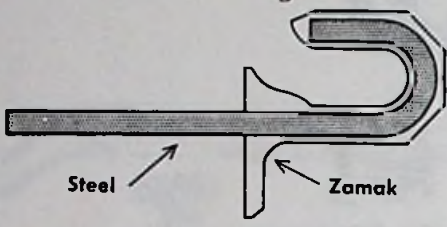
WATER SKI TOWING HOOK—Fig. 863

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
\$2.85	6	5/16	3-1/4	2-1/2	10

Standard Package, 5 Pieces.



Steel

Zamak

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
\$5.95	3-1/4	1-3/4	12	1/2

Standard Package, 5 Pieces.



Fig. 861

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	\$2.65	\$2.90	2	1-1/2	4-1/2
2	1	3.40	3.95	2-3/8	1-3/4	5
3	1-1/4	4.00	4.40	2-5/8	2	9
4	1-1/2		6.10	3-1/8	2-3/8	15

Standard Package, 5 Pieces.



Bow
Fig. 218



Stern
Fig. 219

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	\$3.95	\$4.10	2-1/8	1-3/4	5-1/4
2	1	5.00	5.10	2-1/2	2	6-3/4
3	1-1/4	5.80	5.95	2-3/4	2-1/8	10-3/4

Standard Package, 5 Pieces.



Bow
Fig. 220



Stern
Fig. 221

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
\$1.40	3/4	3x2-1/8	2	4-1/2

Standard Package, 5 Pieces.



Fig. 343 Stern



Fig. 533



No. 2 with Curved Blade

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
\$6.85	\$7.50	15 to 18	3/8	2-3/8	8

For thickness of wood up to 1-1/8 inches.

Spare Arm	\$2.20 each
Spare Straight Blade95 each
Spare Curved Blade	2.00 each

No. 1 with Straight Blade



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
\$1.10	1/4	2 x 3/4	1-3/4	10



Fig. 1243

Drilled for No. 8 screw

TILLER ROPE GUIDES—Figs. 229 & 932

Brass Spring Wire

Brass Each	Fig. 229		Fig. 932		Size Hole Inches	Length Inches	Weight Ounces
	Chromium Plated Each	Brass Each	Chromium Plated Each	Brass Each			
\$.07	\$.10	\$.08	\$.11		3/8	1-7/16	1/3

Standard Package, 50 Pieces



Fig. 229



Fig. 932

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	\$1.44	4	1-1/4	3/16	\$3.84
2	3/4	1/8	1.92	5	1-1/2	7/32	4.80
3	1	3/16	3.12	6	1-3/4	1/4	5.76
				7	2	1/4	8.04



Fig. 417

SHEAVES—Fig. 154

White Nylon — Common Bushed

No.	Each	Diam. Inches	Thickness Inches	For Rope Inches	For Size Pin Inches
20	\$.15	7/8	3/8	1/4	3/16
27	.25	1-3/4	3/8	1/4	1/4
28	.30	2-5/16	3/8	1/4	1/4



Fig. 154



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, alkalis and oxidizing acids.

Outside Diameter Inches	Per 100 Feet	Core Diameter Inches	Breaking Strength Pounds	Weight Per 100 ft. Pounds
3/16	\$13.00	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

No.	For Rope Diam. Inches	Natural Finish Each	Chromium Plated Each	Length Inches	Width Inches	Weight Ounces
1	1/8	\$.24	\$.36	1-1/8	9/16	3/4
2	3/16	.28	.40	1-1/4	11/16	1

Standard Package, 50 Pieces.



Fig. 358

TILLER ROPE CLAMPS—Fig. 358

Galvanized Iron Or Bronze

No.	For Rope Diameter Inches	Galv. Each	Plain Bronze Each	Width Inches	Standard Package	Weight Ounces
1	1/8	\$.38	\$.55	3/4	20	1-3/4
2	3/16	.44	.60	3/4	20	2
3	1/4	.50	.85	1	10	3



Fig. 732-SS

NEW 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
\$.90	4	5	1	2-1/4

Standard Package, 10 Pieces.

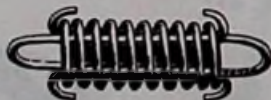


Fig. 732-C

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	.33	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
\$.10	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
\$.17	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	\$.55	\$1.05	1-7/8	1/4	1/4	8	1/2
1	.84	1.50	2-1/4	5/16	9/32	10	3/4
2	.90	1.70	2-3/4	1/2	5/16	10	1-1/2

Standard Package, Nos. 0 and 1, 50 pcs. No. 2, 25 pcs.



Fig. 881

DECK STRAPS—Fig. 882

Cast Bronze

No.	Plain Bronze Each	Polished Bronze Each	Chromium Plated Each	Length Inches	Size Eye Inches	Stock in Eye Inches	Wt. Ozs.
1	\$1.10	\$2.30	\$2.50	3-1/2	1/2	5/16	2-1/2
2	1.10	2.30	2.50	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 Bronze Each	Polished Chromium Plated Each	Size Opening Inches	Size Base Inches	Weight Ounces
1	\$.50	\$1.68	\$2.00	5/8	2-1/8x 15/16	1
2	1.00	2.20	2.55	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	\$.70	5/16	1-3/8x7/16	3/16
1	.73	3/8	1-1/2x1/2	3/8
3	1.25	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
2	\$1.30	3/8	1-1/2x1/2
4	2.75	1/2	2 x5/8



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	\$1.10	3	1-3/4	1-5/8	25	1-1/2
565	1.20	3-3/4	2-5/16	1-5/8	25	2

Without strap, deduct \$.10 each.



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	\$1.10	3-1/4	1-3/4	1-7/8	25	3
1277	1.35	4	2-5/16	1-7/8	25	3-1/2

Without strap, deduct \$.17 each.



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	\$1.60	3-7/8	1/2	1-3/4	25	2-1/4
634	1.70	4-5/8	1/2	2-5/16	25	2-1/2



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	\$1.75	4-1/8	1/2	1-3/4	25	3-1/2
1296	1.95	5	1/2	2-5/16	25	4



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	\$1.25	1-3/4	1/4	3-1/2x1-5/16	25	2
2	1.45	2-3/8	1/4	4-7/8x1-1/4	10	2-1/2



CHEEK BLOCKS—Fig. 95

Galvanized Cast Iron – Single

Size No.	Each	For Diam. Rope Inches	Size Sheave Inches	Standard Package	Weight Pounds
0	\$1.05	1/4	1-1/8x3/8	10	3/16
1	1.10	5/16	1-3/8x7/16	10	1/4
2	1.25	3/8	1-1/2x1/2		3/8
3	1.80	1/2	2 x5/8		3/4



Figs. 1241 & 1277



Figs. 611 & 634



Figs. 1288 & 1296



Fig. 1255



Fig. 95



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	\$.43	\$.83	3/16	3/4x5/16	10	3/32
3	.69	1.05	1/4	1 x3/8	10	3/16
5	.77	1.90	5/16	1-3/8x7/16	10	1/4
7	.93	2.20	3/8	1-1/2x1/2	10	3/8
9	1.25		7/16	1-3/4x9/16		1/2
11	1.78		1/2	2 x5/8		5/8
13	3.00		5/8	2-1/2x3/4		1-7/16
15	4.45		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	\$.80	3/16	3/4x5/16	10	3/16
4	.96	1/4	1 x3/8	10	1/4
6	1.37	5/16	1-3/8x7/16	10	3/8
8	1.65	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	\$.49	\$2.05	3/16	1/2	10	1/2
1	.56	2.12	3/16	3/4	10	1-1/4
3	.72	2.75	1/4	1	10	2
5	.99	3.35	5/16	1-3/8	10	2-7/8
7	1.21	3.85	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	\$.83	3/16	1/2	10	1-1/16
2	.98	3/16	3/4	10	2-1/4
4	1.20	1/4	1	10	3-3/8
6	1.75	5/16	1-3/8	10	4-1/2
8	2.40	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	\$3.25	3/16	2-1/2x3/8	1/2
2	3.90	1/4	3-1/4x1/2	1-1/4
3	6.00	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	\$3.25	3/16	2-1/2x3/8	5/8
20	3.90	1/4	3-1/4x1/2	1-1/2
30	6.00	5/16-3/8	4-1/2x9/16	2-1/2



Fig. 279

Upright Pattern Single

Fig. 280 Double -- Upright Pattern Only

110	\$4.70	3/16	2-1/2x3/8	1-1/8
120	5.30	1/4	3-1/4x1/2	2
130	8.70	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
\$.22	15/16	1/2	1/4	6	50	1/2

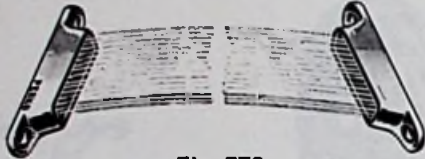


Fig. 578

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
\$.85	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

Fig. 395

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

Standard Package 10 pieces.

Average Weight — 2 ounces each.

NOTE — We have retooled for these fittings. Interesting prices on application to large quantity users or buyers. State quantity per order and delivery requirements.



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	\$36.00
994	27.00
995	30.00
996	6.00
997	3.00

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	\$3.50
898	3.00
900	10.00
901	1.85
906	6.75
907	1.85
917	8.00

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.

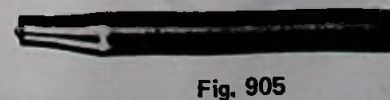
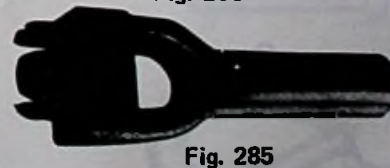
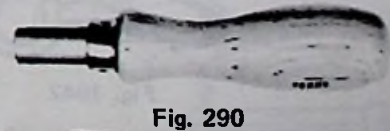
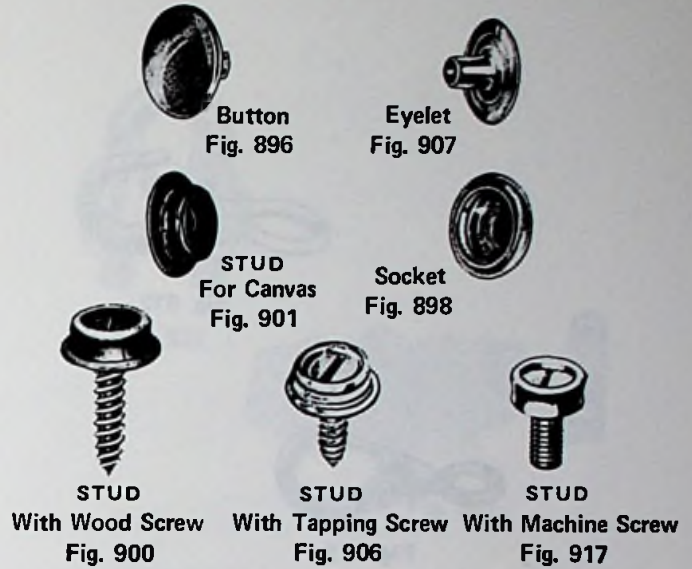
Fig.	Per 100
60	\$ 7.85
61	23.00
62	2.40
90	8.70
114	10.85
115	12.50
116	11.00
117	12.50
118	3.00
156	23.00

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 \$6.75

HAND PUNCH—Fig. 285
 For "Lift Type" Fasteners - Cast Iron With Steel Cutters
 Each \$12.00

HAND SET TOOL—Fig. 905
 For "Durable Type" Buttons and Eyelets - Steel
 Each \$4.50





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	\$.67	\$.90	3/8	2-1/16	24	6-1/4
1	.81	1.10	5/8	2-7/8	24	12
2	.98	1.32	3/4	3	24	13-1/2
3	1.18	1.87	3/4	3-7/8	12	24
4	1.48		7/8	4-1/2	12	40
5	1.90		1-1/8	5	12	50
6	2.30		1-1/8	5-1/4	12	68-3/4



Fig. 612

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	\$1.18	\$1.76	9/16	3-1/4	24	12-1/2
2	1.40	2.20	11/16	3-5/8	24	16
3	1.77	3.00	3/4	4-5/8	12	30
4	2.16		13/16	4-7/8	12	42
5	2.66		1-1/16	5-3/4	12	61



Fig. 613

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
\$1.00	5/8	3	25	12-1/2

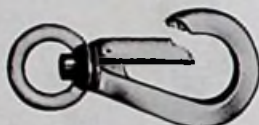


Fig. 1289

SWIVEL EYE SNAP—Fig. 659

Cast Bronze

Each	Extreme Length Inches	Inside Eye Inches	Inside Hook Inches	Standard Package	Weight Ounces
\$.60	3-1/2	3/4	7/16	25	2-1/2



Fig. 659

FAST EYE BABY SNAPS—Figs. 842 & 1041

Cast Brass

Fig.	Each	Size of Eye Inches	Length Inches	Standard Package	Weight Ounces
842	\$.35	3/8	1-7/8	50	1/2
1041	.34	5/8x3/16	1-5/8	50	1/2



Fig. 1041



Fig. 842

SWIVEL EYE BABY SNAPS—Fig. 1042

Cast Brass

Each	Length Inches	Diam. of Eye Inches	Standard Package	Weight Ounces
\$.43	2-5/8	3/8	50	1/2

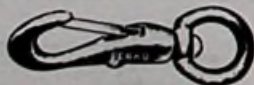


Fig. 1042

SAFETY MOORING HOOKS—Fig. 606

Drop Forged Steel — Stainless Steel Spring

These hooks, although light in design, have exceptional strength.

No.	Galvanized Each	I.D. of Eye Inches	Length Overall Inches	Throat Opening Inches	Standard Package	Weight Per 100 in Lbs.
1	\$.95	3/4	4	3/4	10	25
1-1/2	1.30	1-1/8	4-3/4	3/4	10	32
2	3.75	1	5-3/8	13/16	5	100



Fig. 606



WIRE ROPE CLIPS—Fig. 333

Malleable Iron Saddle — Steel U-Bolt And Nuts

Size Wire Rope Inches	Cadmium Plated Per 100	Est. Wt. Per 100 in Lbs.	Size Wire Rope Inches	Cadmium Plated Per 100	Est. Wt. Per 100 in Lbs.
1/8	\$18.50	4-1/4	3/8	\$32.85	24
3/16	18.50	7	1/2	42.25	37
1/4	21.50	14-1/2	5/8	56.00	59
5/16	22.75	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
\$2.00	\$1.50	\$.60	6	4-1/2



Fig. 325

Standard Package, 10 Sets.

GASOLINE FUNNELS—Fig. 81

Galvanized Sheet Metal — With No. 100 Mesh Bronze Removable Strainer

Each	Diam. Top Inches	Height Inches	Capacity Pints	Weight Ounces
\$3.50	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			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

For Diam. Bolt Inches	Threads Per Inch	Plain Brass Each	For Diam. Bolt Inches	Threads Per Inch	Plain Brass Each
3/16	24	\$.14	3/8	16	\$.30
1/4	20	.14	1/2	13	1.00
5/16	18	.20			



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

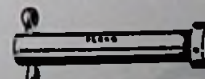


Fig. 1176



Fig. 314

SHACKLES – Fig. 314

Galvanized Drop Forged Steel Or Bronze – Screw Pin Anchor

Size Inches	Fig. 314 Galvanized Each	Fig. 314 Bronze Each	Approx. Weight Per 100 In Pounds
3/16	\$.63	\$1.50	7
1/4	.75	2.10	11
5/16	.82	2.65	20
3/8	.91	3.30	31
7/16	1.15		47
1/2	1.40		68
5/8	2.25		137
3/4	3.05		220
7/8	4.10		320
1	5.70		500



Fig. 466

WIRE ROPE THIMBLES—Fig. 466

Galvanized Steel, Brass Or Stainless Steel

For Size Rope Inches	Galv. Per 100	Brass Each	Stainless Steel Each	Galv. Wt. Per 100 in Lbs.
1/8	\$12.00	\$.27	\$.27	2-5/8
3/16	12.00	.27	.27	2-5/8
1/4	12.00	.33	.33	4-3/8
5/16	14.00	.46	.46	5-1/2
3/8	14.00	.77	.77	10-5/8
1/2	30.00	1.10	1.10	15-1/2
5/8	45.00	1.10		27-1/2
3/4	65.00			40
7/8	90.00			55
1	100.00			79



Fig. 319

CONNECTING OR MISSING LINKS—Fig. 319

Drop Forged Steel – With Interlocking Lugs

Size Inches	Galv. Each	Overall Dimensions Inches	Weight Per 100 Pounds
3/16	\$.52	1-3/16x 3/4	3-3/4
1/4	.54	1-1/2 x1	7-1/2
5/16	.59	1-3/4 x1-3/16	10-3/4
3/8	.66	2-1/8 x1-3/8	18-3/4
7/16	.86	2-3/8 x1-1/2	38-1/2

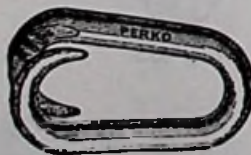


Fig. 785

LAP LINKS—Fig. 785

Galvanized Wrought Steel

Size Inches	Each	Inside Dimensions of Link Inches	Size Inches	Each	Inside Dimensions of Link Inches
3/16	\$.14	1 x1/2	3/8	\$.40	1-9/16x13/16
1/4	.16	1-1/2x1/2	1/2	.68	2 x1
5/16	.28	1-1/2x7/8			



Fig. 680

“S” HOOKS—Fig. 680

Galvanized Wrought Steel

Nominal Size Inches	Per 100	Length Overall Inches	Weight Per 100 Pounds
3/16	\$ 8.50	1-1/2	2-3/4
1/4	11.50	2	7
5/16	18.00	2-1/2	14-1/2
3/8	30.00	3	18-3/4



OPEN TURNBUCKLES— Figs. 390 & 394

Drop Forged Steel — Hot Galvanized

All turnbuckles have right and left hand threads.

Diameter and Take-Up Inches	Fig. 390 Each	Fig. 394 Each	Overall Length Closed Inches	Approx. Weight Pounds
1/4 x4	\$1.85	\$2.65	7-1/2	3/8
5/16x4-1/2	2.25	2.80	8-1/2	1/2
3/8 x6	2.80	3.60	11	1
1/2 x6	3.60	4.35	12	1-3/4



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	\$1.00	1/8	3	3/4	3
2	1.05	5/32	4	1-1/8	6-1/4
3	1.25	3/16	5	1-1/2	11-1/2
4	1.70	1/4	5-3/4	1-7/8	15
5	2.00	5/16	6-7/8	2-1/4	24-1/2

Standard Package, 10 Pieces.



PETITE TURNBUCKLES—Fig. 397

Bronze — S.A.E. Threads — Jaw and Eye

No.	Each	Diameter Thread Inches	Length Extended Inches	Take-up Inches	Width Jaws Inches	Weight Per 100 in Pounds
4	\$2.65	1/4	5-3/4	1-7/8	1/4	17
5	3.00	5/16	6-7/8	2-1/4	1/4	26

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	\$3.40	1/4	5-3/4	1-7/8	1/4	19
5	3.85	5/16	6-7/8	2-1/4	1/4	28

Standard Package, 10 Pieces.



BRONZE RIGGING TURNBUCKLES—Fig. 459

S.A.E. Threads

Size Inches	Plain Each	Jaw Opening Inches	Diam. Pin Inches	Weight Each Pounds
1/4	\$ 5.75	1/4	1/4	3/8
5/16	7.20	5/16	5/16	1/2
3/8	8.65	3/8	3/8	3/4
1/2	16.15	1/2	1/2	1-1/2

Check nuts are not included or available.

HOOK AND EYE



Fig. 390

JAW AND JAW

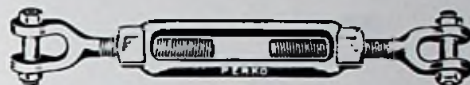


Fig. 394



Fig. 396

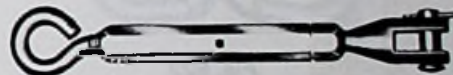


Fig. 397

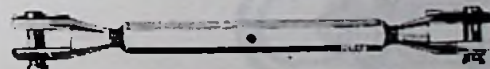


Fig. 398



Fig. 459



Fig. 500

SCREW EYE BOLTS—Fig. 500

Without Shoulder — Galv. Drop Forged Steel — Large Eye

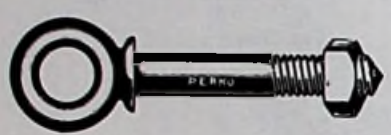
No.	Size Inches	Each	Inside Diam. Eye Inches	Galv. Weight Per 100 in Lbs.
1	1/4x2	\$.52	1/2	6
2	5/16x2-1/4	.64	5/8	9
3	3/8x2-1/2	.69	3/4	16
4	1/2x3-1/4	1.00	1	35



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	\$.54	\$1.32	1/2	7
2	1/4 x4	.64	1.54	1/2	10
3	5/16x2-1/4	.68	1.82	5/8	13
4	5/16x4-1/4	.77	2.05	5/8	17
5	3/8 x2-1/2	.73	2.30	3/4	21
6	3/8 x4-1/2	.93	2.65	3/4	27
7	1/2 x3-1/4	1.10		1	45
8	1/2 x6	1.45		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	2.50	5-1/4	1-3/8	3/4
4	1/2	3.30	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	\$2.50	4	9/16	1-1/8 x 15/16	3/8
2	5/16	2.50	4-1/8	9/16	1-1/4 x 1	1/2
3	3/8	3.10	5	5/8	1-5/16x1-1/16	3/4
4	1/2	3.70	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	\$.33	\$.85	3/16	1/4	1/4	1-5/8	2-3/4
1	.35	.85	3/16	5/16	3/8	1-3/4	4
2	.48		1/4	3/8	7/16	2-1/8	7-1/2
3	.67		1/4	7/16	1/2	2-1/2	10
4	.95		5/16	1/2	9/16	3-1/4	19-1/2
5	1.25		3/8	5/8	3/4	3-1/2	24-1/2



"PERKO" ANCHORS—Fig. 700

Hot Galvanized Steel

Flukes And Shank Of High Strength Alloy Steel

Disc ←

Weight Pounds	Length Overall Inches	Each
4	19	\$11.50
8	24	16.00
13	28-1/2	22.00
22	35	36.00
30	37-1/2	46.00

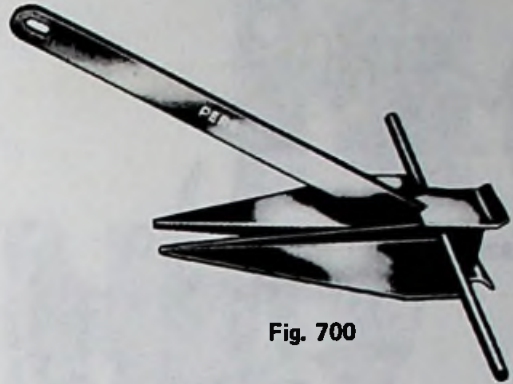


Fig. 700

NAVY TYPE ANCHORS—Fig. 45

Drop Forged Shank — Galvanized

Weight Pounds	Each	Weight Pounds	Each
5	\$ 6.30	20	\$17.00
10	10.00	25	23.00
15	13.40	30	26.50



Fig. 45

ANCHOR CHOCKS—Fig. 933

For "Perko" Or "Danforth" Anchors — Cast Bronze

Consists of four parts illustrated. Head of shank is held fast by slotted casting and thumb screw.

No. 1 weight per set, 1-3/4 pounds.
No. 2 weight per set, 2-1/4 pounds.

	No. 1		No. 2	
	Plain Bronze	Plain Chromium Plated	Plain Bronze	Plain Chromium Plated
Complete, per set	\$7.80	\$8.60	\$9.00	\$9.80
Shank support only, ea.	3.25	3.60	3.90	4.25
Fluke supports only, pair	2.40	2.75	2.75	3.10
Crown support only, ea.	2.40	2.75	2.75	3.10

Standard Package, 5 Sets.

No. 2 size for anchors 30 lbs. and larger.

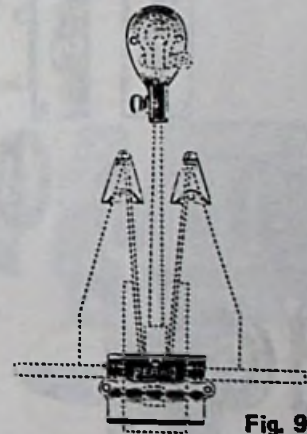


Fig. 933

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

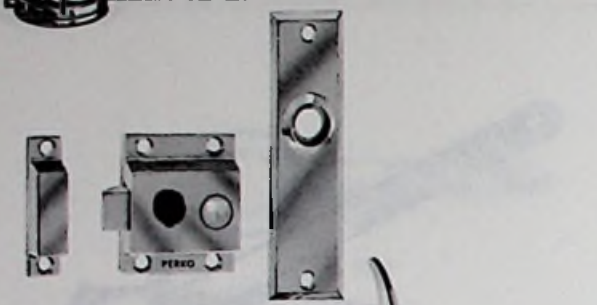


Fig. 928

RIM LATCH SET—Fig. 928

Zamak Die Casting — Chromium Plated — Reversible

With round knob and lever handle, no keys. Locked by thumb bolt inside. Box type strike.

Per Set	Dimensions Case Inches	Dimensions Escutcheon Inches	Diameter Knob Inches	Backset Inches	Weight Ounces
\$9.50	2-1/8x1-3/4	4-3/8x1-1/4	1-3/4	1-3/8	11

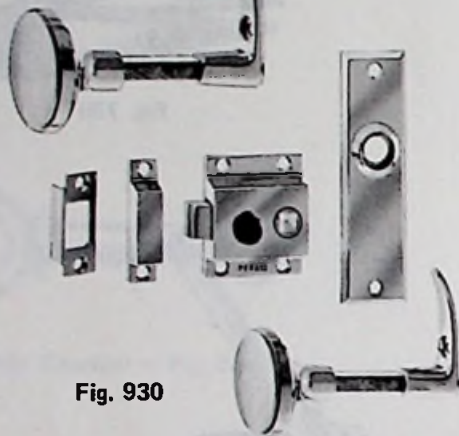


Fig. 930

RIM LATCH SET—Fig. 930

Zamak Die Casting — Chromium Plated — Reversible

This is set Fig. 928 but with reversed bevel and flush strike.

Per Set	Dimensions of Strike Inches
\$9.50	1-3/4x5/8

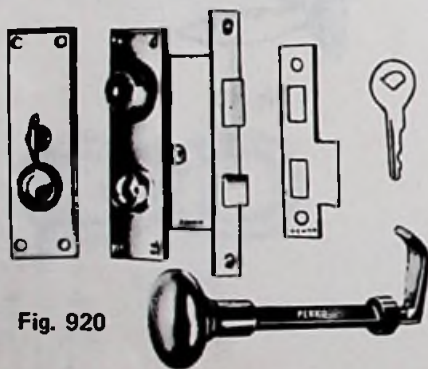


Fig. 920

"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
\$32.00	3x2-1/8	4-1/2x11/16	4x1-3/16	1-9/16	1-1/2

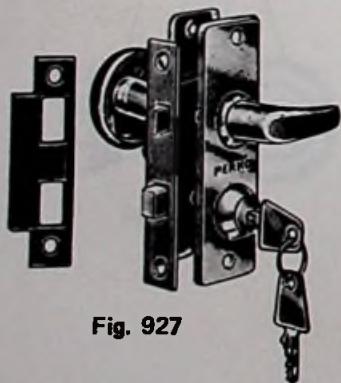


Fig. 927

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 1-5/8 inches thick. Backset 1-3/8 inches.

Per Set	Size Case Inches	Size Facing Inches	Size Escutcheon Inches	Weight Ounces
\$12.00	2-3/4x2	4x13/16	4-3/8x1-1/4	14

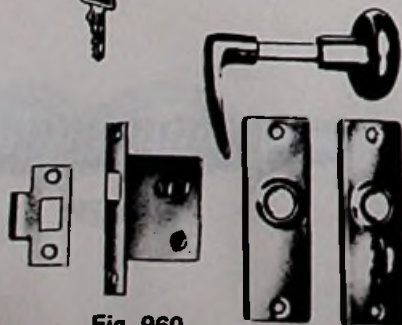


Fig. 960

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 1-5/8 inches thick. Backset 1-3/8 inches

Per Set	Size Case Inches	Size Facing Inches	Size Escutcheon Inches	Weight Ounces
\$9.00	2-1/4x1-13/16	3-1/2x13/16	4-3/8x1-1/4	15



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
\$7.00	\$10.50	7/8 to 1-3/8	4x1-1/2	1-7/8	1-1/4



Fig. 567

NEW ONE-WAY NIGHT OR SAFETY LATCH—Fig. 948

Zamak Die Casting — Chromium Plated — With Sliding Safety Catch

Each	Dimensions Without Strike Inches	Weight Ounces
\$3.75	2-1/8x1-3/4	5

Standard Package, 10 Pieces.

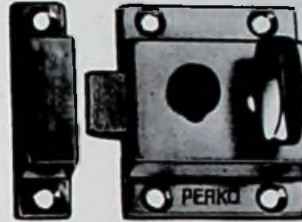


Fig. 948



CUPBOARD TURNS—Fig. 1105

Wrought Brass

Furnished complete with screws.

Polished Brass Each	Chromium Plated Each	Without Strike Inches	Weight Ounces
\$3.10	\$3.95	2-1/4x1-1/2	4

Standard Package, 10 Pieces.



Fig. 1105

CUPBOARD TURNS—Fig. 949

Cast Brass

No.	Polished Brass Each	Chromium Plated Each	Without Strike Inches	Weight Ounces
1	\$4.05	\$4.80	1-3/4x1-1/8	4
2	5.00	5.95	2-1/8x1-7/16	7

Standard Package, 10 Pieces.

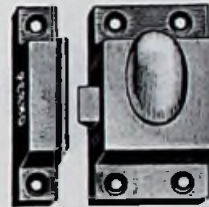


Fig. 949

NEW 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
\$3.75	2-1/8x1-3/4	5

Standard Package, 10 Pieces.

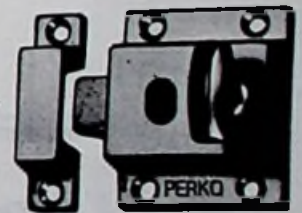


Fig. 978

CUPBOARD CATCHES—Fig. 1102

Die Cast Zamak — Chromium Plated

Each	Without Strike Inches	Weight Ounces
\$3.60	1-3/8x1-7/16	3

Standard Package, 10 Pieces.

Supplied complete with flush and 3/8 inch offset strike.

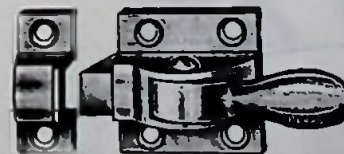


Fig. 1102

CUPBOARD BOLT—Fig. 1101

Die Cast Zamak — Chromium Plated

Each	Without Strike Inches	Weight Ounces
\$2.25	1-1/2x1-1/2	2

Standard Package, 10 Pieces.



Fig. 1101



Fig. 947

BARREL BOLTS—Fig. 947

Cast Bronze

No.	Polished Each	Chromium Plated Each	Length Rod Inches	Size Base Without Strike Inches	Weight Ounces
0	\$2.90	\$3.00	2-1/4	1-15/16x1-1/4	3-1/2
1	3.10	3.25	2-3/4	2- 1/2 x1-3/16	4
2	3.25	3.40	3-1/4	2-15/16x1-1/4	4-1/2
3	3.60	3.80	4-1/4	4 x1-3/8	6

Standard Package, 5 Pieces.



SHIP BOLTS—Fig. 1053

Pressure Cast Silicon Bronze



Fig. 1053

Burnished Each	Polished Each	Chromium Plated Each	Size Without Strike Inches	Weight Ounces
\$2.85	\$3.25	\$3.75	2-3/8x1-1/4	2

Standard Package, 5 Pieces.



CABIN DOOR HOOKS—Fig. 956

Pressure Cast Silicon Bronze

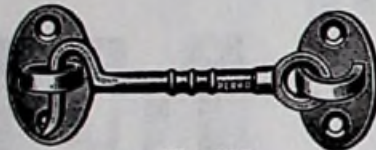


Fig. 956

Lgth. Hook In.	Polished Each	Chromium Plated Each	Wt. Ozs.	Lgth. Hook In.	Polished Each	Chromium Plated Each	Wt. Ozs.
1-1/2	\$1.75	\$1.90	1	3-1/2	\$1.95	\$2.15	2-1/2
2	1.75	1.90	1-1/2	4	2.70	2.90	3
2-1/2	1.80	1.95	1-3/4	5	2.90	3.35	3-1/2
3	1.90	2.05	2	6	3.10	3.60	4

Standard Package, 10 Pieces.



CABIN DOOR HOOKS—Fig. 957

Double Jointed — Cast Brass



Fig. 957

No.	Length Overall Inches	Polished Brass Each	Chromium Plated Each	Weight Ounces
1	2-1/2	\$4.10	\$4.85	2-1/2
2	3-1/2	4.70	5.75	3

Standard Package, 5 Pieces.



CABIN DOOR HOOKS—Fig. 1199

Zamak Die Castings — Chromium Plated

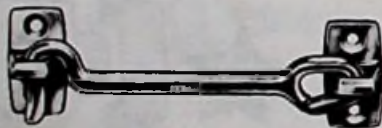


Fig. 1199

No.	Length Hook Inches	Each	Weight Ounces
1	1-3/4	\$1.05	1-1/4
2	2-1/4	1.10	1-3/8
3	3	1.15	1-1/2
4	4	1.20	1-3/4

Standard Package, 20 Pieces.



MODERN DESIGN CABIN DOOR HOOKS—Fig. 1287

Patent Applied for #75,268

Zamak Die Castings — Chromium Plated

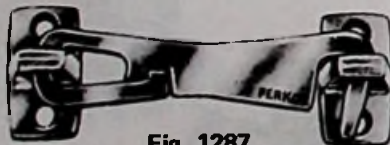


Fig. 1287

No.	Length Hook Inches	Each	Dimensions Eye Plate Inches	Weight Ounces
1	2	\$1.05	1-1/4x11/16	1-1/4
2	2-1/2	1.10	1-1/4x11/16	1-1/2
3	3	1.15	1-1/4x11/16	1-3/4

Standard Package, 20 Pieces.



IMPROVED DOOR STOP AND HOLDER—Fig. 574

Pressure Cast Silicon Bronze

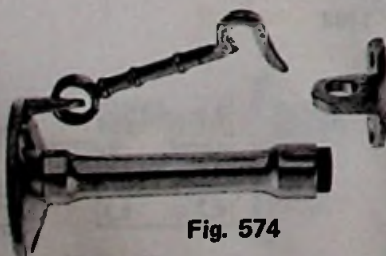


Fig. 574

No.	Polished Each	Chromium Plated Each	Length Inches	Diameter Base Inches	Weight Ounces
1	\$6.75	\$7.25	2-3/8	1-3/4	4-1/2
2	7.00	7.50	3-1/4	1-3/4	5-1/4

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
\$1.05	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
\$2.50	1-5/8x3/4	1-3/8x7/16	1-3/4	2

Standard Package, 10 Sets.



Fig. 1065

"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
\$.50	1-3/16	3/4	25	1/4

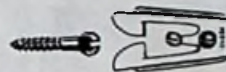


Fig 554

"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
\$.34	1-1/8x3/8	1-3/8x7/8	25	1



Fig. 559

CUPBOARD DOOR HOLDERS—Fig. 1178

Brass Plated

A useful little friction catch for use on cabinets, closets, cupboards and all small doors, size overall — 1-1/2x1-3/8 inches. Standard Package, 25.

Each — \$.13

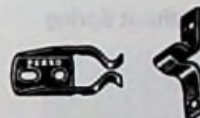


Fig 1178

IMPROVED ELBOW CATCHES—Fig. 1056

Zamak Die Casting — Chromium Plated

Each	Size Base Inches	Standard Package	Weight Ounces
\$1.55	1-1/8x9/16	25	3/4



Fig 1056

FRICTION CATCHES—Fig. 178

All Brass — Adjustable Tension

Illustrations are full size. Supplied complete with oblong strike.

Per Set — \$.30

Standard Package, 25 Sets.

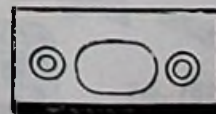


Fig. 178

FLUSH RING CATCHES—Fig. 1051

Die Cast Zamak — Chromium Plated — Phosphor Bronze Spring

Each	Size Inches	Standard Package	Weight Ounces
\$2.70	1-3/4x1-3/8	10	1-1/2



Fig. 1051



Fig. 1112
Flat Mounting



Fig. 1113
Angle Mounting



Fig 1108

NEW 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	\$6.50	2-7/8	1-1/2	5	6
1113	6.50	2-1/4	1-1/2	5	5



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
\$5.20	\$6.00	\$6.75	3x2	5	6

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. 1216
With Spring



Fig. 1216-B
Without Spring

Fig.	Each	Plate Diameter Inches	Width Less Keeper Inches	Standard Package	Weight Ounces
Fig. 1216	\$1.40	1-11/16	1-3/16	10	1-1/2
Fig. 1216-B	1.35	1-11/16	1-3/16	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.



Fig. 1064

Each	Length Overall Inches	Length Lever Inches	Standard Package	Weight Ounces
\$3.25	2-1/2	2	5	6-1/2

Specify right or left hand.



Fig 1063

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
\$6.20	5	4	5

Specify right or left hand.



FLUSH RING PULLS—Fig. 841

Die Cast Zamak — Chromium Plated

Each	Size Plate Inches	Standard Package	Weight Ounces
\$1.60	1-3/4x1-3/8	10	1-1/4



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
\$2.75	\$3.20	\$3.60	2-5/8x2	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
\$2.75	\$3.20	\$3.60	2-5/8x2	1	5	3-1/2



Fig 575

NEW 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
\$2.10	3x2-1/4	1-7/8x1	5	3



Fig. 1220

NEW HEAVY DUTY FLUSH HATCH LIFTING HANDLE—Fig. 776

Cast Bronze — With Stainless Steel Pin

No. 1 is Pressure Cast Silicon Bronze.

No. 2 is Sand Cast Bronze

No.	Burnished Each	Polished Each	Chromium Plated Each	Dimensions Plate Inches	Inside Handle Inches
1	\$3.50	\$4.00	\$4.50	3 x2-1/4	1-7/8x1-1/4
2	4.65	5.30	6.00	3-3/4x2-3/4	2-1/4x1-1/4

Weight — No. 1, 3-1/2 Ozs. No. 2, 8 Ozs.

Standard Package, 5 Pieces.



Fig. 776



NEW HATCH SUPPORT HINGES—Fig. 762

Brass — Chromium Plated

No.	Length Open Inches	Per Pair	For Screw No.	Weight Per Pair Ounces
1	10	\$ 9.50	8	10
2	12	9.75	8	12
3	14	10.00	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
\$8.25	10	9-1/2	10-3/4	13



Fig. 797



Fig. 935



Fig. 954

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
\$1.10	3	10	1



SLIDING WINDOW STOP—Fig. 935

Zamak Die Casting — Chromium Plated

Each	Mounting Plate Inches	Stopping Plate Inches	Standard Package	Weight Ounces
\$1.80	1-7/8x3/4	1-1/2x3/4	10	2



Fig. 937

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
\$1.75	1-5/8	1x5/8	1-1/8	10	1-3/4



Fig. 934

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
\$1.50	1	2x5/8	1-1/8	10	1-1/2

*Between knob and tip.



Fig. 770

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
\$4.40	\$5.60	3-3/4	1-5/8	2-1/4	10	6



Fig. 719

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
\$2.50	\$3.75	1-1/2	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
\$1.05	\$1.55	3-7/16	2-5/16	10	1



Fig. 958

DRAWER KNOBS—Fig. 925

Brass — Chromium Plated — For Drawers Up To 1-1/8" Thick

Each	Diameter Inches	Standard Package	Weight Ounces
\$1.05	1	10	1



Fig. 925

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
\$2.05	3-11/16x1-11/16	7/16	10	3

Inside recessed for finger grip as illustrated.

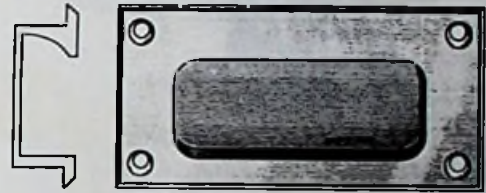


Fig. 1110

COAT AND HAT HOOKS—Figs. 959 & 975

Chromium Plated

Fig.	Each	Projection Inches	Width Base Inches	Standard Package	Weight Ounces
959	\$.90	2-1/8	1-1/8	10	1-3/4
975	.45	2	1-3/16	10	1



Fig. 959 Bronze
Fig. 975 Zamak

WARDROBE HOOK—Fig. 635

Cast Brass — Chromium Plated

Each	Projection Inches	Width Base Inches	Standard Package	Weight Ounces
\$.90	2	1-1/4	10	1



Fig. 635

WARDROBE HOOK—Fig. 1106

Cast Brass — Chromium Plated

Each	Projection Inches	Width Base Inches	Standard Package	Weight Ounces
\$.90	7/8	3-1/8	10	1-1/4



Fig. 1106

UTILITY HOOK—Fig. 610

Cast Brass — Chromium Plated

Each	Projection Inches	Width Base Inches	Standard Package	Weight Ounces
\$.70	1-1/8	1-3/16	20	1



Fig. 610

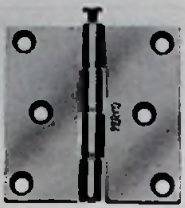


Fig. 1293

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	\$2.00	1-1/2x1-1/2	8	3
2	2.10	2 x1-1/2	8	3-1/2
3	2.20	2 x2	8	4
4	2.30	2-1/2x2	8	4-1/2
5	2.80	2-1/2x2-1/2	8	5
6	3.15	3 x3	10	5-1/2

Standard Package, 5 Pairs.

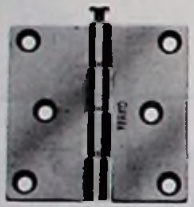


Fig. 952

IMPROVED 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	\$2.85	\$3.75	1-1/2x1-1/4	8	2
2	2.95	3.85	1-1/2x1-1/2	8	2-1/2
3	3.30	4.50	2 x1-1/2	8	2-3/4
4	3.80	5.10	2 x2	8	4
5	4.25	5.50	2-1/2x2	8	5
6	4.90	6.25	2-1/2x2-1/2	8	6-1/4
7	6.25	7.75	3 x3	10	9-1/2

Standard Package, 5 Pairs.



Fig. 120

IMPROVED 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	\$4.10	\$6.00	4	1-1/8	5
2	4.75	6.75	6	1-3/16	10
3	6.80	9.80	8	1-1/2	14

Standard Package, 5 Pairs.

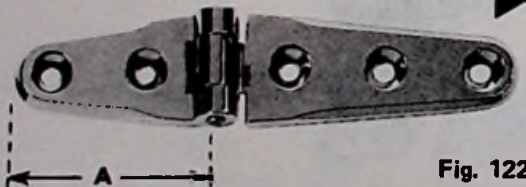


Fig. 122

NEW SHORTSIDE STRAP HINGES—Fig. 122

Pressure Cast Silicon Bronze — 18-8 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	\$4.35	\$6.50	\$7.25	1-1/8	6

Dimension "A" to Center of Pin 2"

Screw Size No. 10 — Standard Package, 5 Pairs.

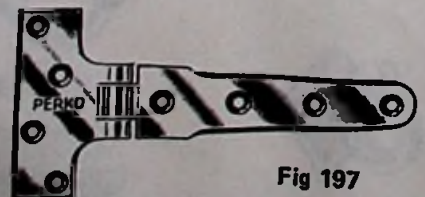


Fig 197

"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	\$4.70	\$ 9.75	4	2-1/2	1/2
2	5.75	11.00	6	3	7/8
3	9.50	15.85	8	4	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
\$2.90	3	1-1/2	8	3-1/2

Standard Package, 5 Pairs.



Fig. 808

NEW 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	\$3.80	\$5.30	1-1/2	8	4-1/2
2	4	4.10	6.00	1-1/2	8	5-1/2

Standard Package, 5 Pairs.

For 5 Inch Size See Fig. 951-SC.



Fig. 951-PC



NEW 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	\$3.75	\$5.20	1-1/2	8	3-1/2
2	2-3/4	3.85	5.50	1-1/2	8	4

Dimension "A" — 9/16"

Standard Package, 5 Pairs.

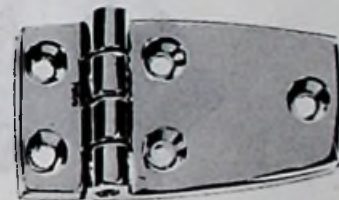


Fig. 987



NEW 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	\$3.80	\$5.30	1-1/2	8	4-1/2
2	2-3/4	4.00	5.60	1-1/2	8	5

Dimension "A" — 11/16"

Standard Package, 5 Pairs.



Fig. 988



NEW 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	\$3.85	\$5.65	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
\$2.65	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
\$1.90	\$2.20	3	1-1/2	10 Pairs	2-1/2



CAST BRONZE CUDDY DOOR HINGE—Fig. 951-SC

Traditional Style — Stainless Steel Pin

Length Open Inches	Burnished Per Pair	Chromium Plated Per Pair	Width Inches	For Screw No.	Weight Per Pair Ounces
5	\$3.00	\$6.30	1-5/8	8	8

Standard Package, 5 Pairs.
Other Sizes see Fig. 951-PC



BUTTERFLY HINGES—Fig. 1058

Wrought Brass

No.	Plain Brass Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Weight Per Pair Ounces
1	\$.62	\$.75	\$1.10	1/2
2	.90	1.10	1.50	1-1/2

No.	Length Open Inches	Width at Pin Inches	Thickness Inches	Weight Per Pair Ounces
1	2-1/4	3/4	.040	1/2
2	3-1/8	1-1/16	.045	1-1/2

Standard Package, 20 Pairs.



CABINET HINGES—Fig. 768

Brass — Chromium Plated — Offset Is 3/8 Inches

No.	Chromium Plated Per Pair	Size Open Inches	Gauge	Weight Per Pair Ounces
1 Flush	\$1.80	2-3/16x1-1/2	14	2
2 Offset	1.80	2-3/16x1-1/2	14	2

Standard Package, 10 Pairs.



CABINET HINGES—Fig. 772

Brass — Chromium Plated — Flush Or Offset Complete with screws. Offset is 3/8 inch.

No.	Chromium Plated Per Pair	Size Open Inches	Gauge	Weight Per Pair Ounces
1 Flush	\$3.15	2x1-1/2	14	2
2 Offset	3.15	2x1-1/2	14	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
\$1.45	2-1/16	3/4	20 Pairs	1-1/4

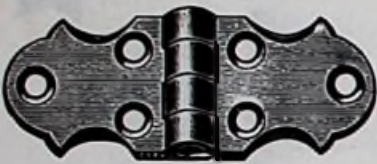


Fig. 951 SC



Fig. 1058

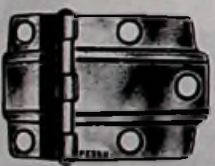


Fig. 768



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 Inches	Standard Package	Weight Ounces
\$4.20	\$6.50	4	2	5	6-1/2

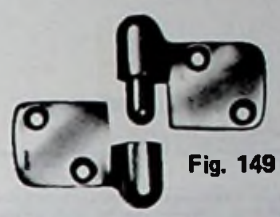


Fig. 149

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
\$10.50	\$19.75	3-1/8	2-5/8	1-3/4

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
\$1.95	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
\$8.75	5-3/4	3/4	5 Pairs	9



Fig 556

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
\$1.30	\$1.75	2-7/8	1	10	1-1/4



Fig 979

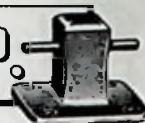
SECURITY HINGED HASPS—Fig. 1198

Zamak Die Casting — Chromium Plated

No.	Length Closed Inches	Each	Width Inches	Standard Package	Weight Ounces
1	2	\$1.95	1	10	2
2	3	2.00	1	10	2-1/4
3	3-3/4	2.05	1	10	2-1/2



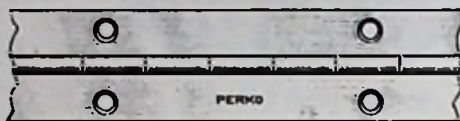
Fig. 1198



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 — FIG. 211



Brass, Chromium Plated — Fig. 211
Stainless Steel, Polished — Fig. 212

No.	Chromium Plated Each	Width Open Inches	Length Inches	Thickness Inches	For Screw No.	Weight Pounds
2	\$ 9.20	1-1/4	72	.040	5	1-1/2
4	10.00	1-1/2	72	.040	5	2
6	12.60	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	\$ 8.95	1-1/4	72	.040	6	1-1/3
4	10.50	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 — FIG. 243



Brass, Chromium Plated — Fig. 243
Stainless Steel, Polished — Fig. 258

No.	Chromium Plated Each	Width Inches	Length Inches	Thickness Inches	Standard Package	Weight Pounds
2	\$6.30	1-1/4	72	.040	10	1
4	7.20	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	\$4.95	1-1/4	72	.040	10	1
4	5.50	1-1/2	72	.040	10	1-1/2



RUBBER FENDER MOULDING—Fig. 158

Half Round — White



Fig. 158

Per Foot	Width Inches	Thickness Inches	Weight Per 100 Ft. Pounds
\$.43	1	1/2	22

Supplied only in 50 foot lengths.



RUBBER DRIP MOULDING—Fig. 192

White Synthetic Rubber — Not Effected By Sun Or Weather



Fig. 192

Per Foot	Height Inches	Extension Inches	Weight Per Foot Ounces
\$.40	7/8	5/8	1-1/2

Supplied only in standard lengths of 10 feet.



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 — \$5.00

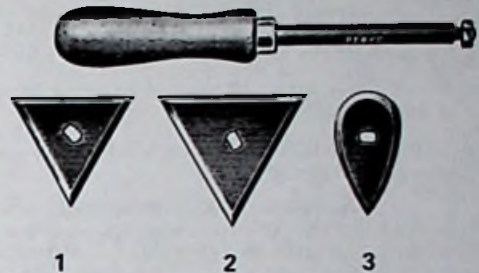


Fig. 1015

DOUBLE END SCRAPERS—Fig. 1175

Fine Grade Tool Steel — Heat Treated

Each	Length Inches	Width Inches	Thick-ness Inches	Width Blade Inches	Weight Pounds
\$1.80	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	\$34.50	1/32	5	2	3-1/2
0	34.50	1/16	5-5/8	2-1/2	4-1/2
1	34.50	1/8	5-7/8	2-1/4	5-1/4



Fig. 307

Standard Package, 1 Dozen.

SAIL MAKERS PALMS—Fig. 411

Hide Mounted — Right Hand Only

Per Dozen
\$28.80



Fig. 411

Standard Package, 1 Dozen.

MARLINE SPIKES—Fig. 921

Polished Steel — For Wire Rope

Length Inches	Each	Weight Pounds
10	\$ 5.75	7/8
12	6.00	1
14	7.50	1-1/4
16	8.75	2
18	10.30	2-1/2

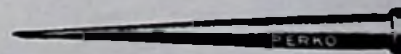


Fig. 921

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	\$1.80	12x1-3/4	4-1/2
1	2.00	14x1-3/4	4-1/2
2	2.25	16x2	6
3	2.65	18x2	7-1/2
4	3.95	20x2-1/4	10-1/2



Fig. 923



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



FOR SPORT FISHING BOATS

BOOKLET NO. 205-A

MANUFACTURED BY PERKINS MARINE LAMP & HARDWARE CORP., 16490 N.W. 13TH AVE., P.O. BOX D, MIAMI, FLORIDA 33164
COPYRIGHT 1968 IN U.S. AND CANADA BY PERKINS MARINE LAMP AND HARDWARE CORP.



Fig. 460

FIBER GLASS OUTRIGGERS—Fig. 460

Telescopic — Hollow — Tapered — Reinforced Joints — Less Whip Than Previous Type.

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	Number of Sections	Weight Pounds
3	\$38.00	1-1/8	15	3	2-1/2
4	80.00	1-7/8	20	4	6-1/2

RECOMMENDED FOR SIZE BOAT
 No. 3 — 16 to 25 feet
 No. 4 — 26 to 39 feet

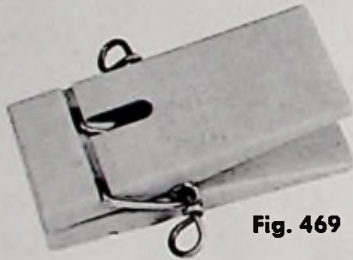


Fig. 469

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
\$1.25	3-1/2x1-1/2	10	2-1/4

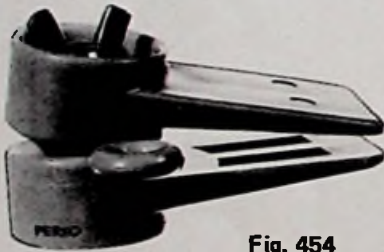


Fig. 454

NEW
 ADJUSTABLE TENSION TROLLING PIN—Fig. 454

High Impact Plastic — Orange Color — Stainless Steel Bolt, Washer and Spring — 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
\$2.50	3-1/2	1-1/2	6	2-1/2

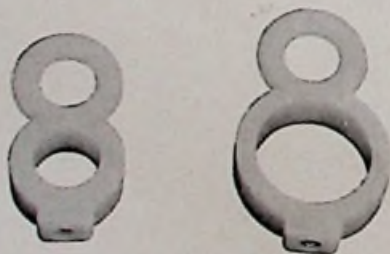


Fig. 468

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 \$5.75
 Consists of 2 each Nos. 1-2-3-4

Set B — For No. 4 Outriggers, per set \$6.50
 Consists of 2 each Nos. 2-3-5-6

No.	Each	I.D. Ring Inches	I.D. Guide Inches	Weight Ounces
1	\$.65	9/16	1/2	1/4
2	.65	3/4	1/2	1/4
3	.85	1	1/2	1/4
4	.85	1-1/8	1/2	1/4
5	.95	1-1/4	1/2	5/16
6	.95	1-5/8	1/2	5/16

Standard Package, 6 Pieces.



Fig. 417

BRASS RINGS—Fig. 417

No.	Per Dozen	Inside Diam. Inches	Thickness Inches
3	\$3.12	1	3/16
4	3.84	1-1/4	3/16



OUTRIGGER POLE HOLDERS—Figs. 444 and 451

Bronze Chromium Plated

Lift holder and turn for 3 different positions, vertical, fishing and lowered for bridges.

Fig.	Complete Per Pair	Spare Plates Each	Spare Holders Each	Inside Diameter Tube Inches	Dimensions Plate Inches	Weight Per Pair Pounds
444	\$48.50	\$14.50	\$10.00	1-1/8	5x2-1/2	5-3/4
451	44.00	12.00	10.00	1-1/8	5x2-1/2	5-1/2

A pair consists of 2 plates and 2 holders.
Spare "Holders Only" Specify Port or Starboard.



Fig. 444
For Side Mounting



Fig. 451
For Set-in Mounting

HEAVY DUTY OUTRIGGER POLE HOLDERS—Fig. 445

Heavy Brass Tubing — Cast Bronze Fittings — All Chromium Plated

Made to take the strain and produce the results desired in deep sea sport fishing.

The type of mounting and quick easy method of adjustment are features of great merit.

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	\$185.00	1-7/8	18-1/2	18-1/2
2	200.00	1-7/8	33-1/2	22

No. 1 will support poles about 20 feet long.
No. 2 for poles about 25 or more feet long.

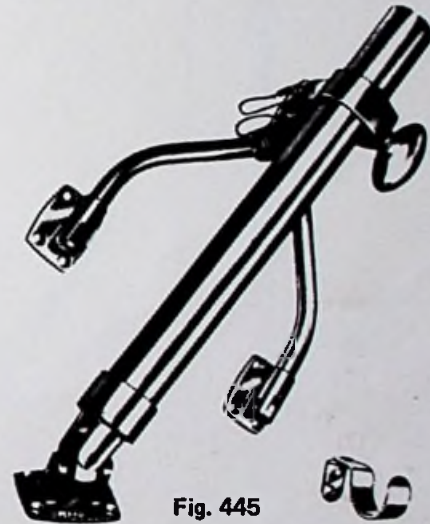


Fig. 445

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	\$2.10	\$2.20	8	10	2-1/2
4	2.50	2.75	10	10	4

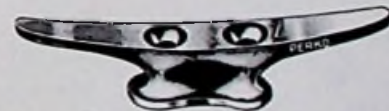


Fig. 544-A

PULLEY FOR OUTRIGGER LINE—Fig. 564-F

Swivel Type with White Nylon Sheave — Stainless Steel Body, Pin and Eye

Complete Each	Length Overall Inches	Diam. Sheave Overall Inches	Weight Ounces
\$1.00	3	1-3/4	1-1/2



Fig. 564-F

PERKO

FIG. 468
LINE GUIDES

Fig. 460 POLE

FIGS. 454 OR 469
CLIP - PIN

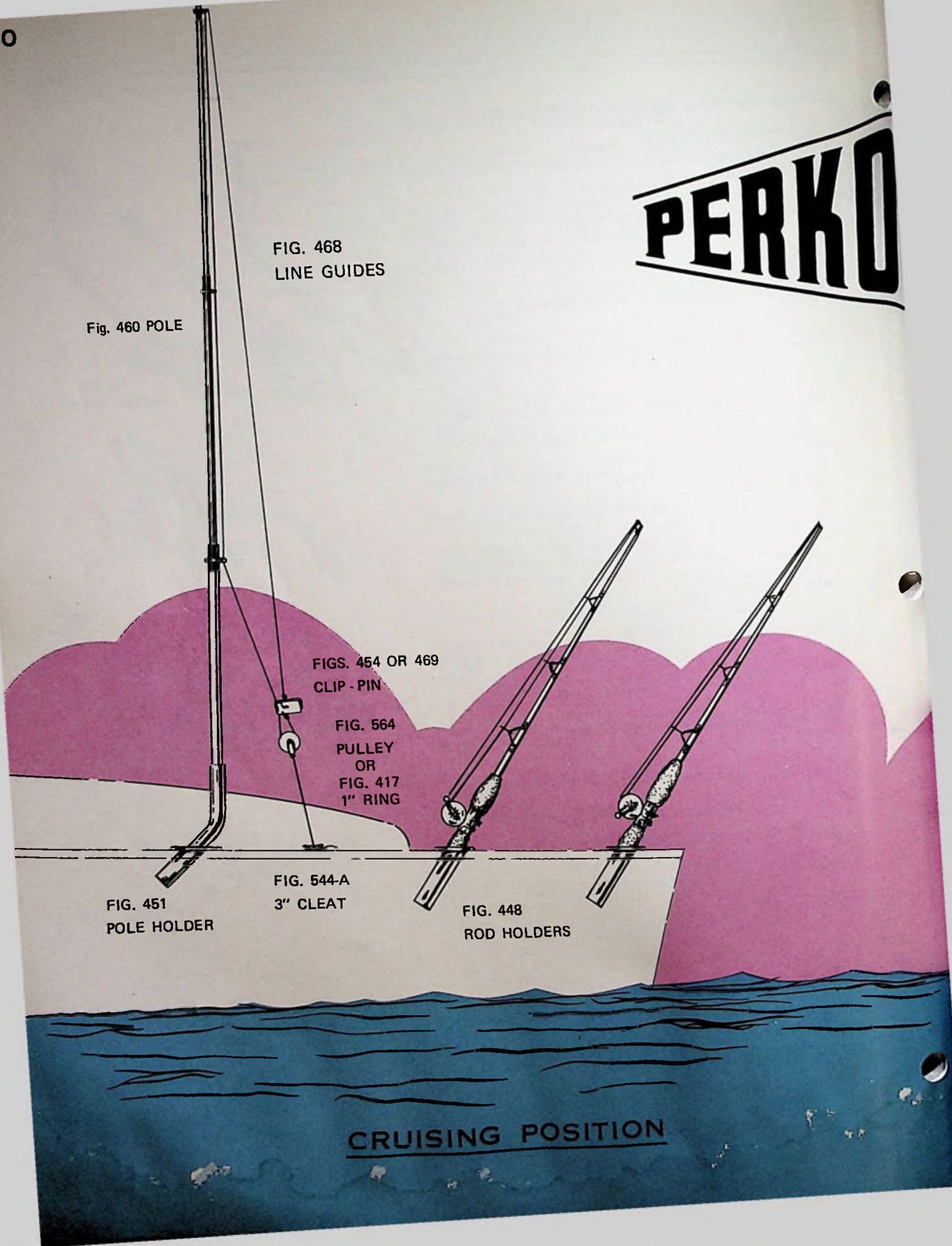
FIG. 564
PULLEY
OR
FIG. 417
1" RING

FIG. 451
POLE HOLDER

FIG. 544-A
3" CLEAT

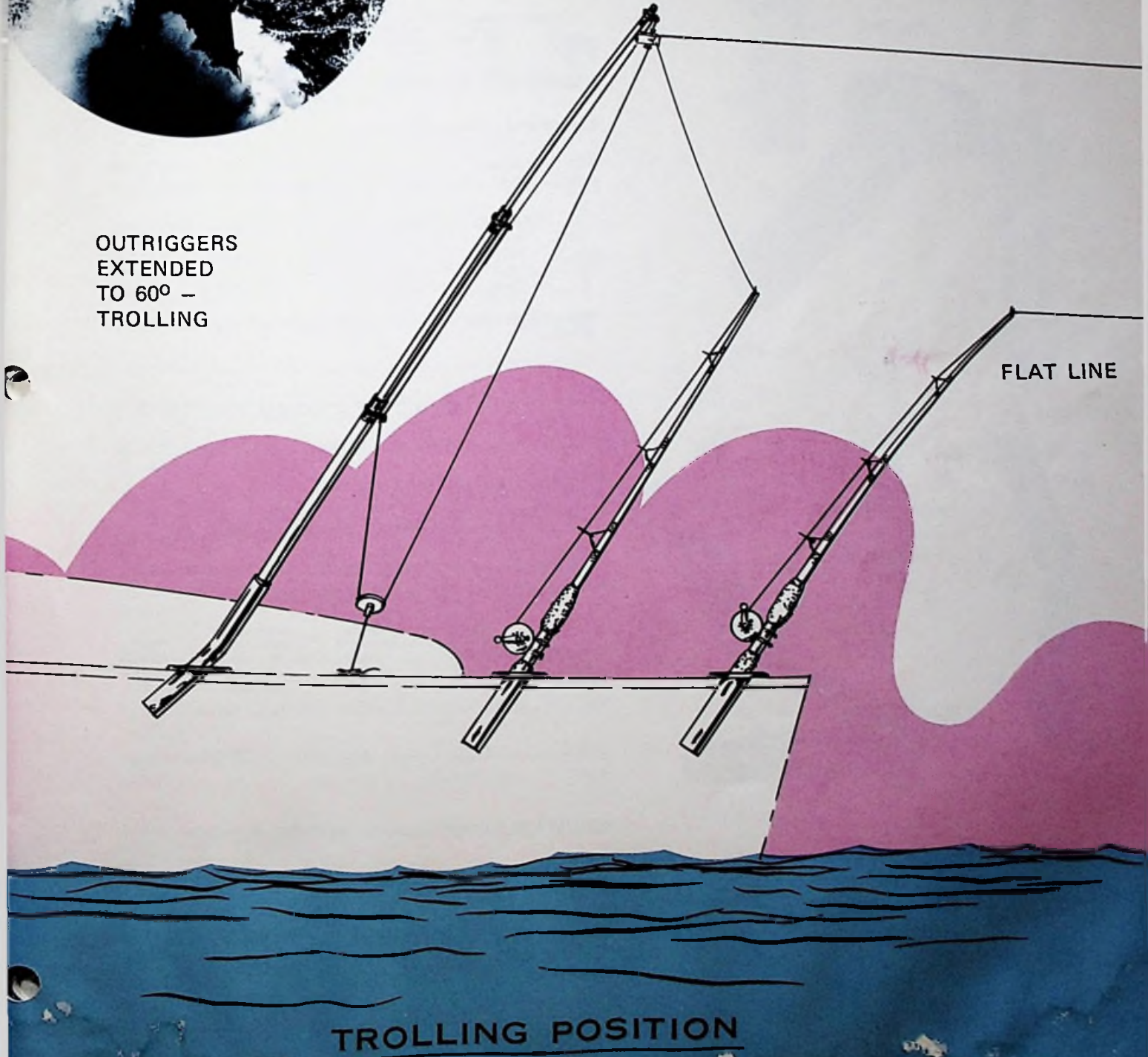
FIG. 448
ROD HOLDERS

CRUISING POSITION





OUTRIGGERS
EXTENDED
TO 60° -
TROLLING



FLAT LINE

TROLLING POSITION



Fig. 452

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	\$8.50	1-7/8	9	4-1/8x3-3/8	1



Fig. 448

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	\$12.50	1-7/8	9	4 x3-1/8	1-1/2
3	16.00	2-3/32	11	5-1/8x4	2-1/4

*Note: Subtract 1/4" from above dimensions to allow for liner.



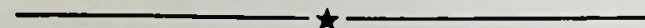
Fig. 449

FISHING ROD HOLDERS—Fig. 449

All Brass — 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
\$19.00	\$4.20	1-7/8	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.

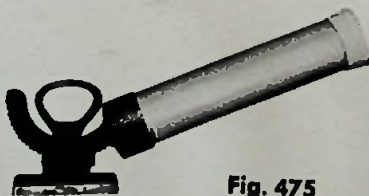
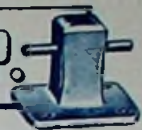


Fig. 475

Plain Finish Each	Chromium Plated Each	Inside Diam. Socket Inches	Length Socket Inches	Dimensions Base Inches	Weight Pounds
\$20.00	\$33.50	1-7/8	9-1/2	3-5/8x2-1/4	3-3/4



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.
\$6.25	\$2.20	1-7/8	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
\$3.75	9	1-3/4	2	3-1/4	12

Spare Brackets, \$2.20 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
\$15.75	10-1/2	2-1/8	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	\$8.35	12	5
592	9.40	15	6



RUBBER LINERS FOR FISHING ROD HOLDERS—Fig. 648

Each	Length Inches	Outside Diameter Inches	Inside Diameter Inches	Weight Ounces
\$3.50	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		\$.75	1-3/4	2-1/4	1	1/2
484		1.75	1-7/8	2-1/8	11-1/2	10
487	0	1.25	1-5/8	1-7/8	8-1/4	4-1/2
487	1	1.25	1-5/8	1-7/8	8-1/8	5-1/2
487	3	1.75	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

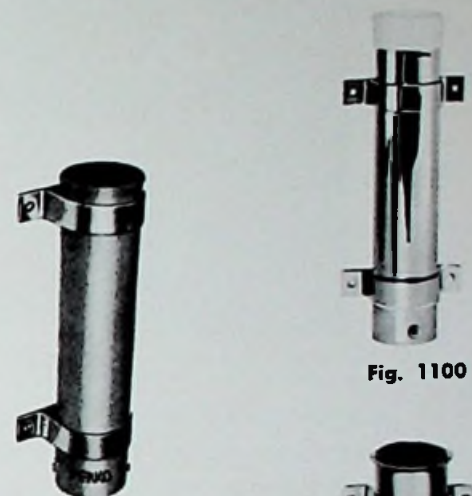


Fig. 1100

Fig. 1104



Fig. 1107



Fig. 591



Fig. 592

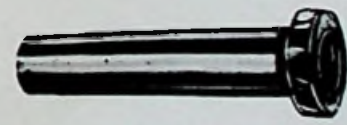


Fig. 648



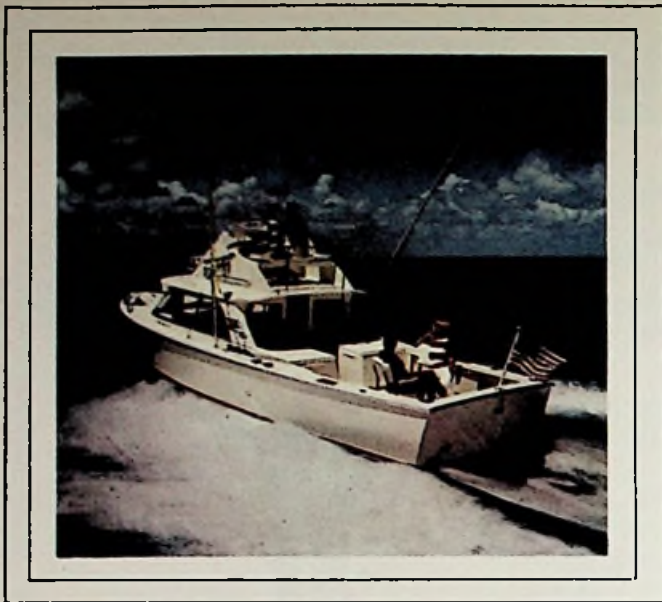
Fig. 483 White



Fig. 484 Gray



Fig. 487 White



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.

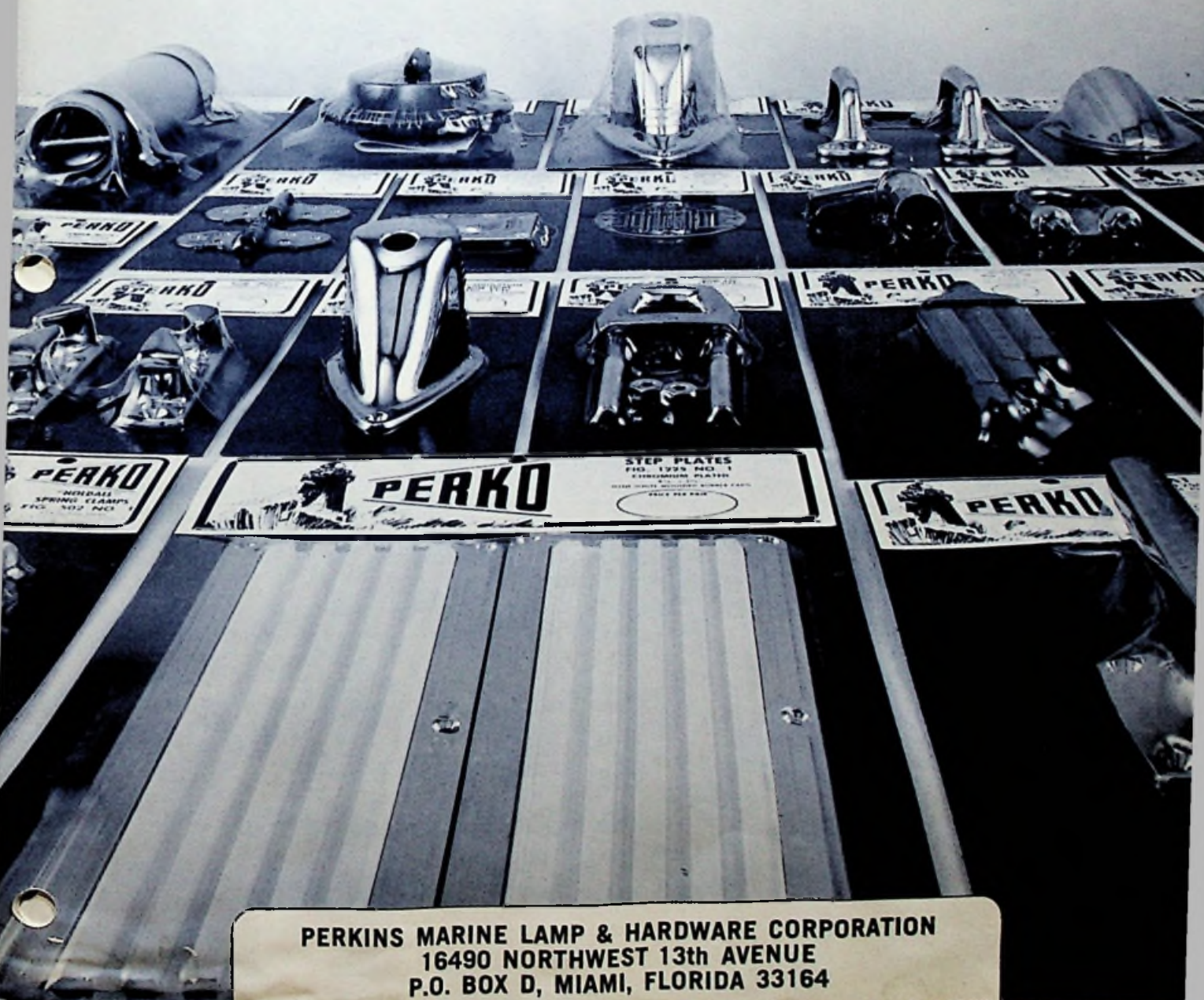
The small cleats (Perko Fig. #544-A-3") should be secured aft of the outrigger base, thus keeping the "trolling pin" line clear of the outrigger pole and the return line.

PERKINS MARINE LAMP & HARDWARE CORP.

16490 NORTHWEST 13TH AVENUE • P.O. BOX D • MIAMI, FLORIDA 33164

PERKO

SKIN-PACKED ITEMS



PERKO
NIBBLE
SPRING CLAMP
FIG. 107 NO. 1

PERKO
STEP PLATES
FIG. 172A NO. 1
2" STEEL BRASS PLATED
ELECTROLYTICALLY
FINISHED
EACH SIDE INCLUDING ANGLE PARTS
PRICE PER PAIR

PERKO

PERKINS MARINE LAMP & HARDWARE CORPORATION
16490 NORTHWEST 13th AVENUE
P.O. BOX D, MIAMI, FLORIDA 33164
COPYRIGHT 1968 IN U.S. AND CANADA BY PERKINS MARINE LAMP AND HARDWARE CORP.



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
\$6.75	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
\$5.30	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
\$3.30	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
\$2.85	2-1/2x2-1/4	2-1/2	3-1/2

Dealer Package 6 pieces.

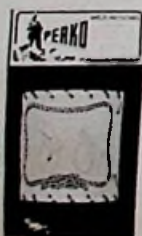


Fig. 33 SP



Fig. 34 SP



Fig. 36 SP

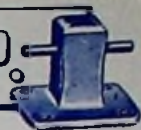
MARINE SHIELDS FOR FIXTURES—

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
\$2.80	4-1/2	4-5/8	2

Dealer Package 6 pieces.



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	\$1.60	2-3/16x1-1/8	5/16	3-1/2	12 Prs.
3	2.10	3-1/8 x1-1/2	3/8	5-1/2	12 Prs.
4-1/2	\$1.65	4-7/16x1-7/8	1/2	8-1/2	12 Pcs.
6	2.45	5-1/2 x2	3/4	13	12 Pcs.



Fig. 566 SP

YACHT CLEATS—Fig. 1188 SP

Zamak Die Castings — Chromium Plated

Length Inches	Each	Width Base Inches	Weight Per Package Pounds	Dealer Package
4	\$2.25	1-5/8	2-1/2	6 Pcs.
6	2.65	1-3/4	4	6 Pcs.



Fig. 1188 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	\$2.25	1-1/2x1-1/4	3/8	2-1/2	6 Prs.
4-1/2	\$1.75	1-7/8x1-1/2	1/2	3	6 Pcs.
6	2.60	2-1/4x2-1/8	3/4	5	6 Pcs.



Fig. 1250 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
\$1.65	3-1/2	7/8	1/2	4-1/2	12 Prs.



Fig. 1223 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
\$2.20	4	13/16	1/2	3-1/2	6 Prs.

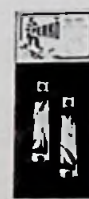


Fig. 1253 SP

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
\$1.10	3-1/4	1-7/8x7/16	5/8	3	12 Prs.

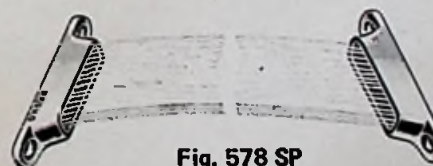
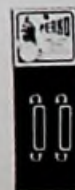


Fig. 578 SP



SWIVEL EYE SNAP—Fig. 1289 SP

Zamak Die Castings — Chromium Plated

Has an interlocking device on tongue and hook, adding considerable strength.

Each	Inside Diam. Eye Inches	Extreme Length Inches	Weight Per Package Pounds	Dealer Package
\$1.25	5/8	3	2-1/2	12 Pcs.

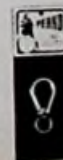


Fig. 1289 SP

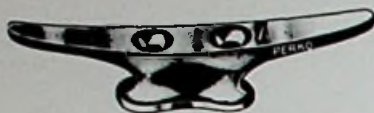
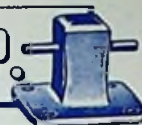


Fig. 544A SP



SOLID BASE CLEAT—Fig. 544A SP

Cast Bronze — Chromium Plated

Length Inches	Each	For Screw No.	Weight Per Package Pounds
4	\$3.10	10	2-1/2

Dealer Package 6 pieces.



BOW CHOCKS—Fig. 546 SP

Cast Bronze — Chromium Plated

Length Inches	Per Pair	For Screw No.	Weight Per Package Pounds
4	\$5.50	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	\$4.65	8	2-1/2

Dealer Package 6 pieces.



Fig. 119 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
\$3.50	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	\$.95	2 x 2	9/16	1-1/2

Dealer Package 12 pieces.



Fig. 315 SP



LOCKER VENTILATORS—Fig. 330 SP

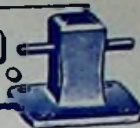
18-8 Stainless Steel - Polished

No.	Each	Diameter Inches	For Screw No.	Weight Per Package Pounds
2	\$1.10	3-1/4	6	1-1/2

Dealer Package 12 pieces.



Fig. 330 SP



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
\$2.70	3-3/4	2-3/8	1-5/8	4-1/2

Dealer Package 12 pairs.



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
\$3.40	4-5/8	1/2	2-3/8	5-1/4

Dealer Package 12 pairs.



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
\$1.10	\$2.10	4	5	1-1/16	5-1/2

Dealer Package 12 pairs.



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
\$1.00	3/16	1-1/4	11/16	2-1/2

Dealer Package 12 pairs.



TRANSOM PLATES—Fig. 1224 SP

Zamak Die Castings — Chromium Plated

No.	Per Pair	Length Overall Inches	Inside Diameter Inches	Weight Per Package Pounds
1	\$1.60	3-1/2	1-7/8	3-1/4

Dealer Package 12 pairs.



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
\$1.35	3/8	1-3/4x1-1/4	6	2-3/4

Dealer Package 12 pairs.



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
\$2.15	1-1/2	3/8	2-1/4

Dealer Package 12 pairs.



Fig. 565 SP



Fig. 634 SP



Fig. 732 SP



Fig. 1226 SP



Fig. 1224 SP



Fig. 1246 SP



Fig. 1299 SP

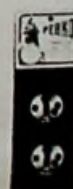




Fig. 1232 SP



Fig. 1235 SP

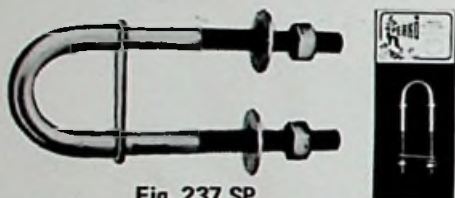


Fig. 237 SP

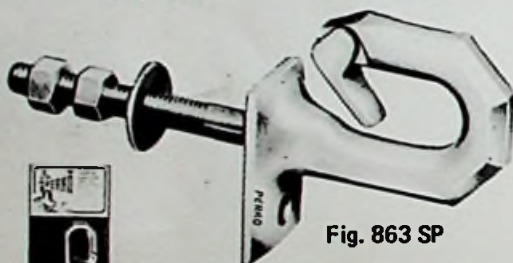


Fig. 863 SP

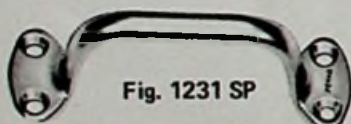
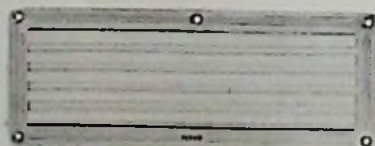


Fig. 1231 SP



Fig. 1225 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	\$2.00	3	2-1/2	3/8	1	4

Dealer Package 6 pieces.



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	\$2.15	3	2-3/4	5/16	1	4-1/4

Dealer Package 6 pieces.



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	\$2.75	3	5/16	2-1/16	1	2

Dealer Package 6 pieces.



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
\$3.10	6	5/16	3-1/4	2-1/2	3-3/4

Dealer Package 6 pieces



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
\$2.85	6	3-1/2	1-5/16	10	6-3/4

Dealer Package 6 pairs.



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	\$3.60	8-3/8x2-1/4	6	3
1	4.30	8-3/4x3-1/4	6	4-3/4

Dealer Package 3 pairs.



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	\$2.20	1	2-1/2	2	4

Dealer Package 12 pieces.



Fig. 414 SP



NORTH RIVER ROWLOCKS—Fig. 1228 SP
Zamak Die Casting — With Delrin Bearing in Socket
Between Horns, 1-3/4 Inches

	Complete Per Pair	Dealer Package	Weight Per Package Pounds
Chromium Plated	\$5.20	6 Prs.	8-1/2



RIBBED SIDE PLATE ROWLOCKS—Fig. 1263 SP
Zamak Die Castings — With Delrin Bearing in Socket
Between Horns, 1-3/4 Inches

	Complete Per Pair	Dealer Package	Weight Per Package Pounds
Chromium Plated	\$5.00	6 Prs.	8



ROUND ROWLOCKS WITH FANCY SOCKET—Fig. 1268 SP
Zamak Die Castings — Delrin Bearing in Socket — Inside Diameter Horns, 2 Inches

	Complete Per Pair	Dealer Package	Weight Per Package Pounds
Chromium Plated	\$5.10	6 Prs.	8-3/4



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
\$7.50	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.

Per Pair	Length Inches	Width Inches	For Screw No.	Weight Per Package Pounds
\$1.50	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.

No.	Per Pair	Adjustability Inches	Length From Wall Inches	Width of Metal Inches	For Screw No.	Weight Per Package Pounds
1	\$1.15	5/8 to 1-1/4	1-1/2	1/2	6	3

Dealer Package 12 pairs.

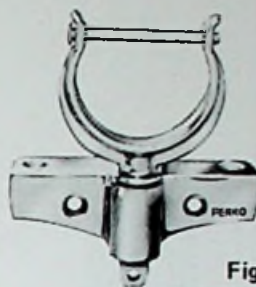


Fig. 1228 SP

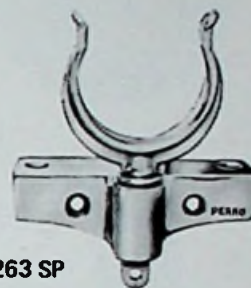


Fig. 1263 SP



Fig. 1268 SP



Fig. 533 SP

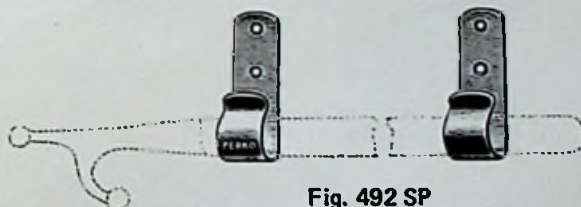


Fig. 492 SP

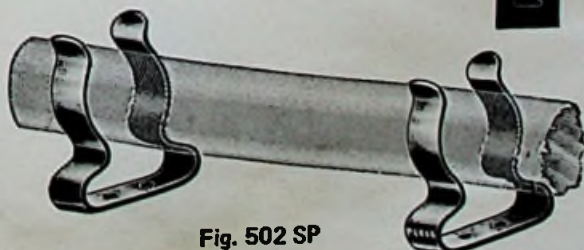
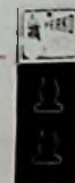


Fig. 502 SP

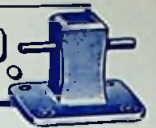


Fig. 85-A SP



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.

Each	Diameter Inches	Depth Inches	Weight Per Package Pounds
\$14.25	5	1-3/4	4

Dealer Package 3 pieces.

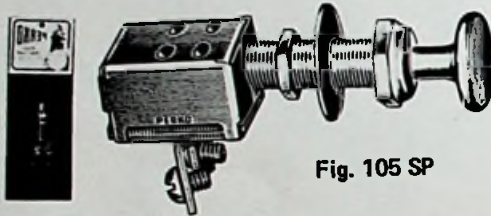


Fig. 105 SP

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	\$1.95	3/8	1	3	3/4	3

Dealer Package 12 pieces.

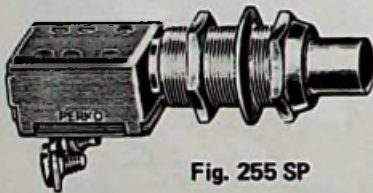


Fig. 255 SP



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.

Each	Diameter Neck Inches	For Wood Thickness Inches	Weight Per Package Pounds
\$2.30	5/8	1	3

Dealer Package 6 pieces.

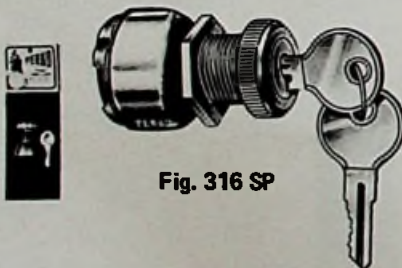


Fig. 316 SP

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	\$3.00	3/4	3/4	2

Dealer Package 6 pieces.



Fig. 167 SP



TRIPLEX MOTOR BOAT WHISTLE—Fig. 167 SP
Plastic

Each	Length Overall Inches	Width Overall Inches	Weight Per Package Pounds
\$.75	6	1-3/4	1-1/2

Dealer Package 12 pieces.



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
\$4.40	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
\$2.95	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
\$1.45	5-3/4	3/16	1-1/2

Dealer Package 6 pieces.

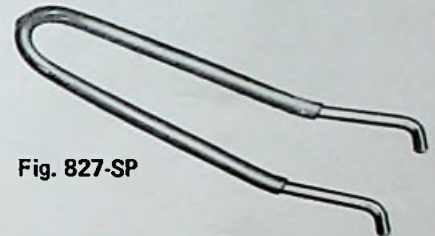


Fig. 827-SP

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
\$5.15	6-1/2x3	6-1/2	3

Dealer Package 6 pieces.

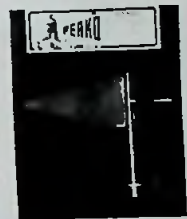


Fig. 435-SP

SAFETY MOORING HOOKS—Fig. 606 SP Drop Forged Steel — Stainless Steel Spring

These hooks, although light in design, have exceptional strength.

No.	Galvanized Each	I.D. of Eye Inches	Length Overall Inches	Throat Opening Inches	Weight Per Package Pounds
1	\$1.25	3/4	4	3/4	2-1/2

Dealer Package 12 pieces.



Fig. 606-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
\$3.85	1-5/8	1 x 5/8	1-1/8	2

Dealer Package 6 pairs.



Fig. 937-SP

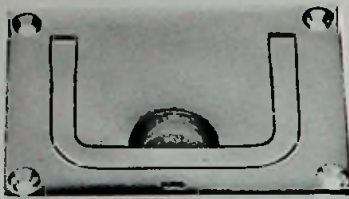


Fig. 776 SP



**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	\$5.00	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
\$3.90	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
\$1.90	1-3/4x1-3/8	1

Dealer Package 12 pieces.



CUPBOARD CATCHES—Fig. 1102 SP
Die Cast Zamak – Chromium Plated

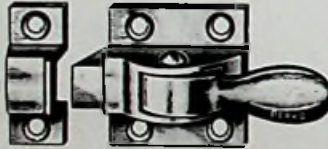


Fig. 1102 SP

Each	Without Strike Inches	Weight Per Package Pounds
\$3.95	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
\$2.60	1-1/2x1-1/2	1-1/4

Dealer Package 6 pieces.



SPRING TYPE DOOR BUTTON—Fig. 1216 SP
Zamak Die Casting – Chromium Plated

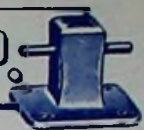
Eliminates rattling doors. Phosphor bronze coil spring under knob holds button snugly against the plate. Nylon tips under button prevent marring of chrome surface. Drilled and countersunk for #6 screw.



Fig. 1216 SP

Each	Plate Diameter Inches	Width Less Keeper Inches	Weight Per Package Pounds
\$1.70	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
\$1.30	1-3/4	2

Dealer Package 12 pieces.

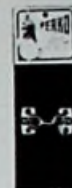


Fig. 1199-SP

SECURITY HINGED HASPS—Fig. 1198 SP
Zamak Die Casting — Chromium Plated

Each	Length Closed Inches	Width Inches	Weight Per Package Pounds
\$2.30	3	1	2-1/2

Dealer Package 12 pieces.

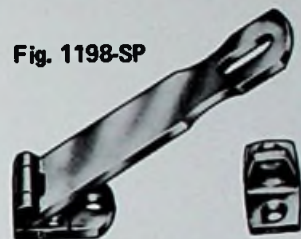


Fig. 1198-SP

IMPROVED ELBOW CATCHES—Fig. 1056 SP
Zamak Die Casting — Chromium Plated

Each	Size Base Inches	Weight Per Package Pounds
\$1.85	1-1/8x9/16	1

Dealer Package 12 pieces.

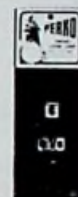


Fig. 1056-SP

"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
\$.95	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
\$3.10	3	1-1/2	3/16	2

Dealer Package 12 pairs.



Fig. 950-SP

TRANSOM HANDLES—Fig. 775 SP
Silicon Bronze — Chromium Plated

No.	Per Pair	Length Overall Inches	Length Inside Inches	Weight Per Package Pounds
2	\$6.60	5-3/4	3-3/4	4

Dealer Package 6 pairs.

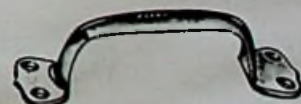
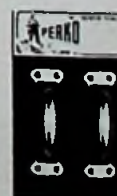


Fig. 775-SP



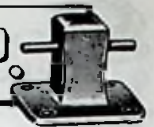
PERKINS MARINE LAMP & HARDWARE CORP.

16490 NORTHWEST 13TH AVENUE • P.O. BOX D • MIAMI, FLORIDA 33164



INDEX OF FIGURE NUMBERS

Figure Number	Page	Figure Number	Page	Figure Number	Page
0-1	23	56	46	115	135
0-2	27	59	36	116	135
0-4	24	60	135	117	135
0-5	24	61	135	118	135
0-6	27	62	135	119	112
0-8	25	64	87	120	150
0-9	25	65	88	121	49
0-10	23	66	88	122	150
0-40	24	67	88	124	78
0-50	24	68	38	125	37
0-80	25	69	23	126	36
0-90	25	70	46	127	39
1	23	72	57	128	62
3	23	73	99	129	31
4	26	74-P	45	132	45
5	26	75	87	133	45
11	27	76	88	138	21
12	27	77	45	141	62
17	26	78	88	142	107
18	26	79	99	144	83
19	26	80	38	145	14
20	26	81	137	146	80
21	31	82	126	147	81
22	39	83	14	148	114
23	31	84	30	149	153
27	59	85-A	53	150	90
28	59	86	88	151	81
29	36	87	131	153	21
30	30	88	131	154	129
31	36	89	21	155	127
32	30	90	135	156	135
33	59	91	21	157	93
34	59	92	21	158	154
35	38	93	96	159	90
36	59	94	42	160	113
39	38	95	132	161	113
41	22	96	53	162	90
42	47	97	21	163	49
43	133	98	21	164	49
44	40	99	21	165	49
45	141	100	133	167	90
46	40	101	133	168	62
48	22	103	13	173	42
49	27	104	13	176	21
50	38	105	52	177	83
51	133	106	45	178	145
52	47	108	81	180	125
53	46	112	14	184	55
54	4	113	14	185	125
55	4	114	135	186-P	45



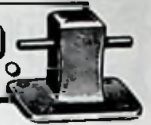
INDEX OF FIGURE NUMBERS

Figure Number	Page	Figure Number	Page	Figure Number	Page
190	89	254	109	312	62
191	54	255	53	313	65
192	154	256	44	314	138
193	70	257	45	315	73
194	133	258	154	316	53
196	49	259	44	317	93
197	150	260	44	318	61
200	80	261	44	319	138
202	80	262	42	320	99
203	80	263	78	321	52
204	80	264	42	322	87
205	80	265	22	323	73
206	80	266	78	324	73
208	79	267	42	325	137
209	79	268	22	326	101
211	154	269	44	328	98
212	154	270	48	329	13
213	79	271	153	330	74
214	107	272	42	331	86
215	124	274	43	332	88
217	58	275	55	333	137
218	128	276	48	334	75
219	128	277	22	335	75
220	128	279	133	336	75
221	128	280	133	337	46
222	48	282	43	338	73
224	109	285	135	339	73
228	62	286	43	340	46
229	129	287	43	341	59
230	42	288	43	342	75
231	42	290	135	343	128
233	122	291	43	344	115
234	9	292	43	345	109
235	9	293	43	346	48
236	117	294	60	347	84
237	116	295	98	349	90
238	116	296	60	350	87
239	116	297	67	351	115
240	85	298	98	352	98
242	42	299	103	353	98
243	154	300	60	354	59
244	108	302	42	356	85
245	42	303	103	357	84
246	42	304	53	358	130
247	108	305	65	359	126
248-P	45	307	155	360	126
249	45	308	60	361	86
250	45	309	14	362	13
252	108	310	53	363	78
253	108	311	87	364	69



INDEX OF FIGURE NUMBERS

Figure Number	Page	Figure Number	Page	Figure Number	Page
365	69	441	92	503	106
366	52	442	92	506	106
367	69	443	35	507	11
368	69	444	159	508	11
370	59	445	159	509	106
371	13	447	117	510	76
372	59	448	162	511	51
375	15	449	162	512	51
379	125	450	58	513	76
380	124	451	159	515	106
381	52	452	162	517	50
382	85	453	137	519	49
385	60	454	158	520	105
386	79	455	12	521	15
390	139	456	102	523	140
391	85	457	102	525	109
392	85	458	102	526	104
394	139	459	139	527	104
395	134	460	158	528	104
396	139	461	93	529	67
397	139	464	102	530	111
398	139	465	137	531	51
400	118	466	138	532	46
401	118	467	83	533	128
402	118	468	158	534	64
403	33	469	158	535	64
404	12	470	35	536	65
405	48	472	48	538	63
406	118	473	83	539	63
407	108	474	35	540	33
409	117	475	162	541	33
410	117	483	163	542	32
411	155	484	163	544	111
413	124	485	35	544-A	111
414	78	487	163	545	111
414-A	78	488	15	546	112
417	129	489	15	550	74
419	104	490	51	554	145
420	90	491	12	555	60
421-A	12	492	109	556	153
422	12	493	103	559	145
423	117	493-A	103	562	131
424	55	494	32	564	132
428	13	495	5	564-F	159
431	113	496	5	565	132
432	124	497	125	566	110
433	63	498	125	567	143
435	89	500	140	570	76
438	12	501	115	571	76
440	63	502	109	572	111



INDEX OF FIGURE NUMBERS

Figure Number	Page	Figure Number	Page	Figure Number	Page
574	144	669	115	742	114
575	147	671	100	744	77
578	134	672	100	745	52
580	5	673	100	747	47
586	84	674	94	748	77
589	100	675	94	749	47
591	163	677	83	750	114
592	163	678	94	751	47
596	27	679	98	752	113
596-A	27	680	138	753	61
604	45	681	82	754	130
605	8	682	82	755	107
606	136	684	82	757	114
607	117	686	91	759	141
608	113	687	11	761	61
609	9	688	52	762	147
610	149	692	98	763	61
611	132	693	91	765	110
612	136	694	50	766	110
613	136	697	127	767	112
622	140	700	141	768	152
623	140	701	81	769	127
624	140	702	81	770	148
626	50	704	79	771	77
627	50	705	79	772	152
629	50	706	91	773	153
630	91	707	22	775	119
634	132	708	91	776	147
635	149	709	79	778	70
638	121	714	78	780	82
639	121	717	115	781	82
641	122	719	148	782	77
642	122	721	79	783	74
643	122	722	79	784	71
644	122	723	80	785	138
645	8	727	84	786	55
646	121	728	84	787	71
647	50	729	78	789	72
648	122, 163	730	94	790	71
650	72	731	94	791	70
651	72	732	130	792	97
652	72	733	43	793	97
653	72	734	99	795	89
654	72	735	43	796	92
657	95	736	43	797	147
658	11	737	78	800	68
659	136	738	107	801	68
660	11	739	47	802	68
661	94	740	84	803	92
662	82	741	114	804	89



INDEX OF FIGURE NUMBERS

Figure Number	Page	Figure Number	Page	Figure Number	Page
805	68	905	135	962	17
806	68	906	135	963	17
807	68	907	135	964	17
808	151	908	73	965	17
809	68	910-A	19	966	12
810	68	911-A	19	967	127
811	68	912-A	19	968	54
815	96	913-A	19	969	54
818	96	914	95	970	54
819	99	915	16	971	54
821	86	916	125	972	17
823	84	917	135	973	123
825	84	920	142	974	54
826	106	921	155	975	149
827	106	923	155	976	95
834	86	924	152	977	123
835	86	925	149	978	143
838	93	927	142	979	153
841	147	928	142	980	75
842	136	929	152	981	123
850	110	930	142	982	31
851	110	931	73	983	30
852	112	932	129	984	75
853	119	933	141	985	31
854	119	934	148	986	30
857	130	935	148	987	151
861	128	936	125	988	151
863	128	937	148	989	123
865	97	938	19	990	123
866	72	939	15	991	134
867	72	940	89	992	123
868	72	943	16	993	123
869	72	944	17	994	134
870	72	945	16	995	134
871	71	946	98	996	134
872	71	947	144	997	134
873	71	948	143	999	151
877	131	949	143	1001	34
881	131	950	152	1002	34
882	131	951-PC	151	1003	34
883	66	951-SC	152	1005	37
884	66	952	150	1006	38
885	66	954	148	1008	34
896	135	955	20	1010	37
898	135	956	144	1011	39
900	135	957	144	1012	39
901	135	958	149	1013	34
902	16	959	149	1014	34
903	16	960	142	1015	155
904	16	961	99	1016	81



INDEX OF FIGURE NUMBERS

Figure Number	Page	Figure Number	Page	Figure Number	Page
1017	109	1131	57	1194	6
1018	81	1132	57	1195	6
1019	101	1133	56	1196	6
1020	117	1134	10	1197	7
1023	41	1135	10	1198	153
1024	41	1137	10	1199	144
1025	41	1138	19	1200	110
1032	41	1139	19	1201	18
1040	83	1144	4	1202	3
1041	136	1146	3	1203	3
1042	136	1147	9	1204	110
1043	118	1148-A	9	1206-A	9
1044	118	1150	28	1207	124
1045	40	1151	28	1208	124
1051	145	1152	28	1209	8
1053	144	1153	28	1210	105
1055	101	1154	28	1215	2
1056	145	1155	29	1216	146
1058	152	1156	29	1216-B	146
1062	74	1157	29	1217	2
1063	146	1158	29	1218	3
1064	146	1159	29	1219	58
1065	145	1160	4	1220	147
1069	74	1164	32	1221	119
1082	43	1165	32	1222	119
1087	33	1166	32	1223	112
1088	96	1167	32	1224	122
1089	96	1168	32	1225	118
1090	33	1169	32	1226	130
1092	100	1170	32	1227	120
1100	163	1171	32	1228	120
1101	143	1172	32	1229	119
1102	143	1173	32	1230	5
1103	147	1174	32	1231	119
1104	163	1175	155	1232	116
1105	143	1176	137	1233	8
1106	149	1177	145	1234	119
1107	163	1178	145	1235	116
1108	146	1179	126	1236	4
1110	149	1180	126	1237	58
1112	146	1181	7	1238	74
1113	146	1182	7	1239	5
1116	127	1183	7	1240	113
1122	57	1184	7	1241	132
1123	57	1188	111	1242	131
1124	57	1189	55	1243	129
1125	56	1190	55	1244	119
1126	56	1191	55	1245	105
1127	56	1192	7	1246	114
1128	56	1193	6	1247	127



INDEX OF FIGURE NUMBERS

Figure Number	Page	Figure Number	Page	Figure Number	Page
1248	104	1264	20	1283	18
1249	134	1265	20	1285	120
1250	110	1266	61	1286	120
1251	105	1267	121	1287	144
1252	54	1268	121	1288	132
1253	112	1269	121	1289	136
1254	58	1271	74	1290	126
1255	132	1275	105	1291	126
1256	129	1276	105	1292	112
1258	10	1277	132	1293	150
1259-A	10	1278	18	1294	8
1260	2	1279	18	1295	58
1261	129	1280	18	1296	132
1262	120	1281	18	1297	124
1263	120	1282	18	1298	124
				1299	114
				6400	107



INDEX OF FIGURE NUMBERS OF SKIN PACK ITEMS AVAILABLE

Figure Number	Page	Figure Number	Page	Figure Number	Page
33 SP	166	544-A SP	168	1104 SP	173
34 SP	166	546 SP	168	1146 SP	166
36 SP	166	559 SP	175	1188 SP	167
85-A SP	172	565 SP	169	1198 SP	175
105 SP	172	566 SP	167	1199 SP	175
119 SP	168	575 SP	174	1216 SP	174
167 SP	172	578 SP	167	1218 SP	166
217 SP	166	606 SP	173	1223 SP	167
237 SP	170	634 SP	169	1224 SP	169
255 SP	172	732 SP	169	1225 SP	170
315 SP	168	775 SP	175	1226 SP	169
316 SP	172	776 SP	174	1228 SP	171
330 SP	168	827 SP	173	1230 SP	166
339 SP	168	841 SP	174	1231 SP	170
414 SP	170	863 SP	170	1232 SP	170
435 SP	173	937 SP	173	1235 SP	170
469 SP	173	950 SP	175	1246 SP	169
492 SP	171	1056 SP	175	1250 SP	167
502 SP	171	1101 SP	174	1253 SP	167
533 SP	171	1102 SP	174	1263 SP	171
				1268 SP	171
				1289 SP	167
				1299 SP	169



ALPHABETICAL INDEX

A

	Page
Acorn Nuts	137
Adapters —	
Electric	43, 48
For Exhaust Duct ...	71
Pipe to Hose	88
Adjusters —	
Hatch	147
Windshield	126, 127
Alcohol —	
Stove Parts	69
Stove	69
Anchor & Bow Lights,	
Combination	6, 7
Anchor Chocks	141
Anchor Lights	6, 7, 12
	14, 18, 19, 27 to 35
Anchor Shackles	138
Anchors	141
Anti-Rattles	148
Arresters, Flame	102
Ash Trays	89
Axe Brackets	137

B

Bailers, Boat	79
Ball Joints	97
Barge Lights	34
Basin Pumps	83
Basins	84
Battery —	
Lights	22, 34, 35
Switches	54
Bells —	
Fog	90
Smoke	62
Berth Lights	59
Bilge Pump —	
Parts	80, 81
Switches	82
Bilge Pumps	80 to 82
Bitts	113
Blinker	
Signal Light	33
Blocks	131, 132, 133
Blower & Ignition	
Switches	70
Blowers	70
Boarding Steps	115
Boat —	
Bailers	79
Cleats	110, 111
Cover Sockets	134
Drainers	79
Hook Holders	109
Hooks	109
Scrapers	155
Snaps	136

B

	Page
Top Fittings	134
Bolts —	
Barrel	144
Cupboard	143
Eye	140
Ship	144
Books, Log	91
Bow —	
& Anchor Lights,	
Combination	6, 7
Chocks	112, 113
Eyes	116
Lifting Handles	119
Lights ...	2 to 7, 16 to 26
Bowden —	
Wire and Casing	98
Wire Clamps	98
Boxes —	
Stuffing	96, 100
Watertight Connection	54
Brackets —	
Axe	137
Table	114
Windshield Mounting	127
Breakdown Lights .	28 to 31
Bridge Lights	36 to 39
Bulbs, Electric	46, 68
Bulkhead Lantern	40
Buoy Holders, Ring ...	109
Burners —	
For Alcohol Stoves ..	69
Hinge	42
Oil	42
Butt Hinges	150
Buttons —	
Door	146
Horn Push	55

C

Cabin —	
Door Hooks	144
Fixtures	58, 59
Lamps, Oil	62
Windows	92
Cabinet Hinges ...	151, 152
Cabinet Latches	146
Cable —	
Outlets	55
Straps	49
Can Holder	89
Cans, Oil	101
Caps, Gas Tank	105
Casing —	
Bowden	98
Clamps	98
Catches, Door ...	143, 145
Caulking Irons	155

C

	Page
Chain —	
Deck Pipe	114
Portlight	92
Roller	94
Steerers	94
Cheek Blocks	132
Chimneys	42
Chocks —	
Anchor	141
Bow	112, 113
Stern	112, 113
Choke Controls	98
Clam Shell Ventilators	72, 73
Clamps —	
Bowden Casing	98
Gas Tank	105
Hatch Hold-Down ...	146
Hose	100, 107
Spring	109
Tiller Rope	130
Cleaners, Windshield ...	128
Cleats	110, 111
Clips —	
Flag Pole	9
Line Support	49
Wire Rope	137
Clutch Control Handle ..	98
Coaming Pulleys	132
Coat & Hat Hooks	149
Cockpit Scupper	107
Cocks, Sea	86
Collars —	
Electrolysis	108, 109
Rudder	96
Combination	
Bow & Anchor Lights	6, 7
Bow Lights ...	2 to 7, 16
	17, 21, 23
Bitt & Rope Deck	
Pipes	113
Flag Pole & Light ...	8, 9
Oar Sleeve & Stop ...	122
Transom Vent &	
Stern Light	75
Companion way Step ...	115
Compass Light	22
Connecting Links	138
Connection Box	54
Connections —	
Electric ..	47, 48, 54 to 57
Ship to Shore	56, 57
Thru-Hull	86, 87
Watertight	54, 55
Connectors, Electric	47 to 57
Continuous Hinge	154
Control —	
Handles, Clutch	98
Parts	97
Rod Sockets	98
Wire Handles	98



ALPHABETICAL INDEX

C	Page
Wire Sockets	98
Controls, Throttle	94
Convertible Boat Top	
Fittings	134
Course Protractors	91
Cowl Ventilators	76
Crank Case Pump	80
Cuddy Door Hinges	151, 152
Cupboard —	
Bolts	143
Catches	143
Door Holders	145
Turns	143
Cups, Grease	99
Curtain-Fasteners	134, 135

D	
Deck —	
Blocks	131
Lights	93
Pipes, Rope & Chain	114
Plate Keys	104, 106
Plates	104
Straps	131
Dividers	91
Dock Line Springs	141
Dome —	
Glasses	45
Lights	60, 61
Door —	
Buttons	146
Catches	145
Fasteners	145, 146
Hinges	151, 152
Holders	145
Hooks	144
Stops	144
Drain Fittings for Sink	84
Drain Plugs	78
Drainers, Automatic Boat	79
Drawer —	
Knobs	149
Pulls	149
Drip Moulding	154
Drop Handles	147
Duct, Adapters	71
Duct, Exhaust	72

E	
Elbow Catches	145
Electric —	
Adapters	43, 48
Bilge Pumps	82
Bulbs	46

E	Page
Cabin Fixtures	58, 59
Connections	47, 48
54 to 57	
Connectors	47 to 57
Plugs	47, 54
Sockets	43, 48, 49
Switches	52 to 55
Water Faucets	84
Water System Pump	82
Electrolysis Eliminators	
108, 109	
Exhaust —	
Blowers	70
Duct	72
Fittings	107
Pipe Flanges	107
Tube Flanges	107
Eye —	
Bolts	140
Straps	131
Eyes —	
Bow	116
Flange	131
Halyard	9
Lashing	117
Lifting	117
Transom	117

F	
Fans, Exhaust	70
Fasteners —	
Curtain	134, 135
Door	146
"Durable Type"	135
Hatch	127
"Lift Type"	135
Refrigerator	146
Sash	148
Table Leg	148
Faucets	84
Fender —	
Hooks	114
Locks	114
Moulding	154
Fids, Hand	155
Filter, Fuel	103
Filters, Water	103
Fishing —	
Pole Holders	159, 162, 163
Pole Liners	163
Rod Racks	163
Rod Sockets	159, 162, 163
Fittings —	
For Boat Tops	134
For Bow and Stern	
Rails	123
For Sinks	84

F	Page
Fixtures —	
Electric Cabin	58, 59
House	40, 41
Truck	13
Vapor-Proof	33
Flag Pole —	
Clips	9
Lights	8 to 11
Sockets	128
Flag Poles	5, 8, 9
Flag Staffs	5
Flame Arresters	102
Flange —	
Eyes	131
Nuts	87
Flanges —	
Exhaust Pipe	107
Exhaust Tube	107
Flap Hinges	153
Floodlights	22, 62
Flush —	
Drop Handles	147
Hatch Lifting Handles	147
Hatch Lifting Rings	147
Pulls	147
Ring Catch	145
Fog Bells	90
Fog Horns	90
Founts, Oil	43
Frames for Sink	84
Frames for Windows	92
Fresnel —	
Globes	45
Lenses	44
Friction Catches	145
Fuel Filter	103
Fuel Tank Filler	105
Fuel Strainer	103
Funnels	69, 137
Fuse —	
Holder	50
Panels	50

G	
Galley—	
Pumps	83
Sinks	85
Gas —	
Strainers	103
Tank Caps	105
Tank Clamps	105
Tank Vents	106
Gasoline —	
Funnel	137
Lock Off Valve	102
Strainers	103



ALPHABETICAL INDEX

L	Page
Masthead	17 to 19
	28 to 34
Meal & Absent.	13
Mid-Channel	38, 39
Not-Under-Command	
	28 to 31
Obstruction	36, 37
Overtaken	28 to 34
Pier	36, 37, 38, 39
Pole	6 to 13
Range	18, 19, 28 to 34
Sail Boat	4, 23
Searchlights	63 to 67
Side	16 to 34
Signal	33, 40, 41
Sixty Day Anchor	22, 35
Span	37 to 39
Spreader	22
Stern	8 to 19, 28 to 34
Ten-Day Anchor	27
Thirty-Day Anchor	35
Towing	28 to 34
Twenty-One Day	
Anchor	22
Utility	58
Whistle Signal	32
Yardarm	13
Line Support Clips	49
Liners, Plastic	163
Liners, Rubber	163
Lines, Lead	89
Links	138
Locker Ventilators	74
Locknuts	99
Locks -	
Door	142, 143
Fender	114
Ladder	115
Oar	120, 121, 122
Window	148
Log Books	91
Logs, Shaft	100
Louver Ventilators	75

M	
Marline Spikes	155
Mast Lights	13, 14, 15
Masthead Lights	17 to 19
	28 to 34
Meal & Absent Light	13
Mid-Channel Lights	38, 39
Mirrors, Rear View	118
Mooring -	
Bits	113
Hook, Safety	136

M	Page
Mouldings	154
Mounting Brackets	127

N	
Name Plates, Switch	49
Navy -	
Anchors	141
Bilge Pump	81
Lantern	27
Not Under-Command	
Lights	28 to 31
Nut Eye Bolts	140
Nuts -	
Acorn	137
Flanged	87
Lock	99
Packing	99
Wing	137

O	
Oar -	
Leathers & Buttons	122
Locks	120, 121, 122
Sleeve, "Sav-or"	122
Obstruction Light	36, 37
Oil -	
Founts	43
Lamps	62
Pressure Switch	102
Pumps	82
Oilers, Zinc	101
Outboard Motor -	
Transom Plates	122
Outlet Connections	86, 87, 88
Outlets -	
Cable	55
Water	88
Outrigger -	
Holders	159
Pole Line Guides	158
Poles	158
Trolling Pin	158
Overtaken Lights	28 to 34

P	
Packing Nuts	99
Pads, Step	118
Paint Scraper	155
Palms, Sewing	155
Panels -	
Fuse	50
Modular Switch	51

P	Page
Switch	50
Parallel Rules	91
Parts -	
Bilge Pump	79 to 82
Control	97
Gear Pump	82
Steerer	97
Stove	69
Pennants, Wind	89
Piano Hinge	154
Pier Lights	36 to 39
Pins, Brass	137
Pipe, Flange	107
Pipes, Rope Deck	113, 114
Plastic Whistles	90
Plates -	
Deck	104
Hawse Hole	113
Keel	117
Ring on	117
Step	118
Switch Name	49
Transom	122
Plugs -	
Drain	78
Electric	47, 54
Watertight	54
Pole Holders, Boat Hook	109
Pole Holders,	
Outrigger	159
Pole Lights	6 to 13
Pole Sockets	128
Poles -	
Flag	5 to 11
Outrigger	158
Portlights	92, 93
Ports, Rudder	96
Posts -	
Grab Rail	124
Stanchion	124
Pot Holders	69
Protractors, Course	91
Pulleys	132, 133
Pulls -	
Drawer	149
Flush	147, 149
Pump -	
Parts	79 to 82
Strainers	79
Switches	82
Pumps -	
Basin	84
Bilge	80 to 82
Crankcase	80
Electric	82
Galley	83
Gear	82
Lavatory	83
Wing	82



ALPHABETICAL INDEX

R

Page

Rail —
 Fittings . . . 123, 124, 125
 Hinges and Locks . . . 125
 Rails, Grab 125
 Range Lights . . 19, 28 to 34
 Receptacles, Wall 57
 Receptacles, Watertight . 54
 Refrigerator —
 Fasteners 146
 Latches 146
 Regulations for
 Motor Boats IV-V
 Rigging Turnbuckles . . . 139
 Rim Locks 142
 Ring —
 And Deck Straps 117
 Buoy Holders 109
 Catches, Flush 145
 On Plate 117
 Pulls 147
 Rings —
 Brass 129, 158
 Hatch Lifting 147
 Ventilator 104
 Rope —
 Clamps 130
 Clips 137
 Deck Pipe 113, 114
 Guides 129
 Pulleys . . . 131, 132, 133
 Thimbles 138
 Tighteners 130
 Tiller 130
 Rowlocks 120, 121, 122
 Rubber —
 For Portlights 93
 Hose 79
 Liners for Outriggers . 163
 Moulding 154
 Step Pads 118
 Rudder —
 Collars 96
 Ports 96
 Stuffing Boxes 96
 Rudders 96
 Rules, Parallel 91

S

"S" Hooks 138
 Safety Main Switches . . . 53
 Sailboat Lights 4, 23
 Sash —
 Anti-Rattler 148
 Fasteners 148
 "Sav-Or", Oar Sleeves . . 122
 Scrapers 155
 Screens, Portlight 92

S

Page

Screw —
 Drivers 135
 Eye Bolts 140
 Scupper, Cockpit 107
 Sea Cocks 86
 Sealed Beam Unit 63
 Searchlight Bulbs 46, 68
 Searchlights 63 to 67
 Shackles 138
 Shades for Cabin Fixtures 59
 Shaft —
 Logs 100
 Sheaves, Rope 129
 Shields —
 For Combination Bow
 and Anchor Light 7
 For Fixtures 59
 For Int'l Lights 11
 Glare 7
 Ship to Shore —
 Connectors 56, 57
 Side Lights 16 to 34
 Signal Lights 33
 Sink Frames 84
 Sinks, Galley 85
 Ski Towing Hooks 116, 128
 Skin Pack Section 165 to 175
 Sleeve, Oar 122
 Smoke Bell & Arm 62
 Snap Hooks 136
 Sockets —
 Boat Cover 134
 Control Rod 98
 Control Wire 98
 Electric 43, 47, 48
 Fishing Rod . 159, 162, 163
 Flag Pole 128
 Hand Rail 124
 Outrigger Pole 159
 Watertight 55
 Sounding Leads 89
 Span Lights 37 to 39
 Spikes, Marline 155
 Spotlight Unit 63
 Spotlights 62 to 67
 Spreader Lights 22
 Spring Clamps 109
 Springs for Dockline . . . 141
 Spring, Tiller Rope 130
 Staffs, Flag 5
 Stanchions 124
 Starter Switches 52, 53
 Steerer Parts 97
 Steerers 94
 Steering Wheels 95
 Steps —
 Boarding 115
 Folding 115
 Step Plates 118

S

Page

Stern —
 Chocks 112, 113
 Lights . . 8 to 19, 28 to 34
 Pole Lights 6 to 11
 Stop —
 Door 144
 Window 148
 Stoves —
 Alcohol 69
 Parts 69
 Strainers —
 Fuel 103
 Gasoline 103
 Hull 88
 Inlet 88
 Pump 79
 Round 88
 Scoop 88
 Water 88, 103
 Strap Hinges 150
 Straps —
 Cable 49
 Deck 131
 Eye 131
 Struts 101
 Stuffing Boxes . . 96, 99, 100
 Stuffing Box Nuts 99
 Switch —
 Name Plates 49
 Oil Pressure 102
 Panels 50
 Switches —
 Blower & Ignition 70
 Electric 52, 53, 54
 Panels, Modular 51
 Pump 82
 Safety Main 53
 Swivel —
 Eye Blocks 133
 Eye Mooring Hooks . . . 136
 Eye Pulleys 132
 Eye Snaps 136
 Swivels 140

T

"T" Hinges 150
 Table Brackets 114
 Table Leg Fasteners 148
 Tail Pieces 88
 Tank —
 Caps 105
 Clamps 105
 Filler 105
 Vents 106
 Terminal Blocks 55
 Thimbles, Rope 138
 Throttle Controls 94



**RESERVED FOR
NOTES AND NEW PRODUCTS TO COME**

A series of horizontal lines for writing notes, spanning the width of the page below the header.

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 105,000 square foot 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.

1969



Frederick Perkins

CO-FOUNDERS

Louis E. Perkins



PERKO

