



PERKO

**1966
CATALOG
No. 195**

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.

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.

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.

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.

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1966 catalog no.195

*Searchlight
dept*

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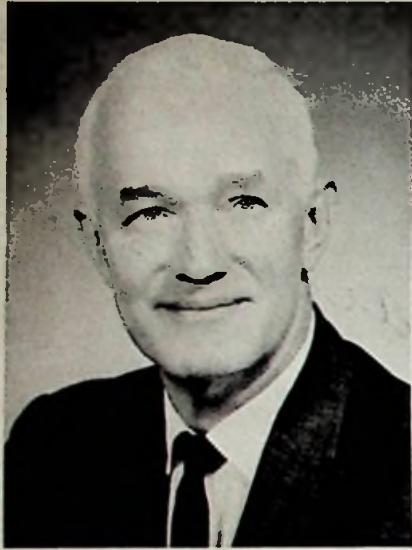
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The Federal Boating Act of 1958 (Highlights of the law and regulations)

CG — 290 July 1, 1959

OPTION No. 1

(a) Inboards, outboards, and auxiliaries under 26 feet in length, carry, as before, a combination red and green lantern forward and on all around white light aft; show, as before, both lights when running under power alone. Auxiliaries, if running under both sail and power, show both lights instead of just the all around white light. Also, auxiliaries, if running under sail alone, show the combination lantern instead of the all around white light.

(b) Inboards, outboards, and auxiliaries of 26 feet or more, but not more than 65 feet in length, and under 40 gross tons in weight, carry, as before, a 20 point white light forward, an all around white light aft, and separate red and green sidelights; show, as before, each of these lights when running under power alone. Auxiliaries, if running under both sail and power, show each of these lights instead of just the sidelights. If running under sail alone, auxiliaries show, as before, the red and green sidelights and turn off the white lights.

Option No. 1 Lights are Legal on Inland Waters, Western Rivers, and The Great Lakes only. Visibility requirements, Sidelights 1 Mile. Bow and Stern Lights 2 Miles.

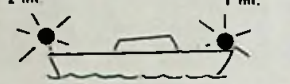
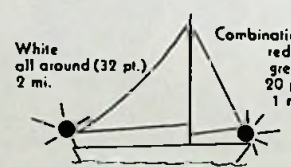
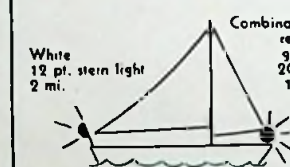
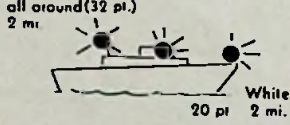
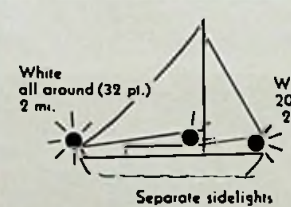
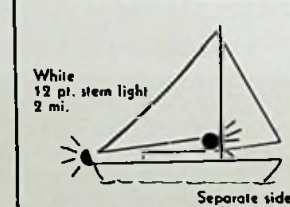
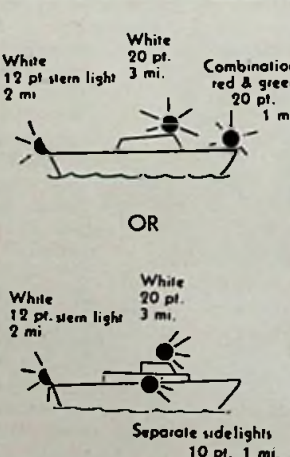
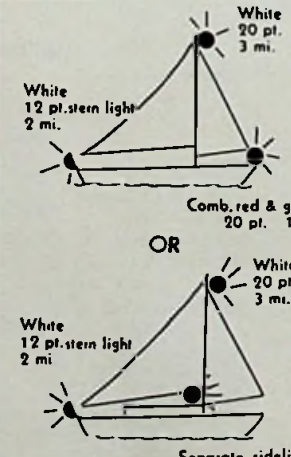
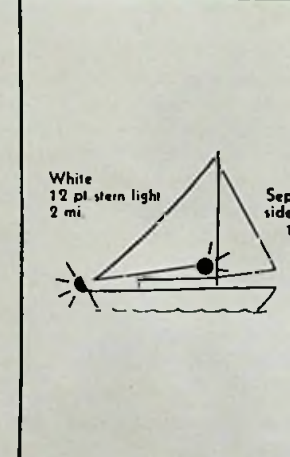
Option No. 2 are New International Rule Lights legal anywhere, Inland Waters, Lakes, or High Seas. Visibility requirements, Sidelights 1 Mile. Bow and Stern Lights 3 Miles.

OPTION No. 2

In the case of Option 2, inboards, outboards and auxiliaries, under or over 26 feet in length, but not more than 65 feet in length, and under 40 gross tons in weight, carry either a combination lantern or separate red and green sidelights, a 20 point white light forward, and a 12 point white light at the stern; show each of these lights when running under power alone or both sail and power. Auxiliaries, if running under sail alone, turn off the 20 point white light and show the sidelights (or combined lantern) and the 12 point white stern light.

Pertinent details for inboards, outboards, and auxiliaries subject to the Motorboat Act which exercise Option 2 are to be found in Rules 2 (a), 7 (a), 7 (b), and 10 (a) of the Regulations for Preventing Collisions at Sea, 1948, commonly referred to as International Rules. When checking the characteristics of the lights and their required separation, if the boat is less than 40 gross tons, Rules 7 (b), 7 (a), and 10 (a) should be read and applied in the order listed in this sentence, and Rule 2 (a) omitted.

SAFETY EQUIPMENT

		INBOARDS, OUTBOARDS, OR AUXILIARIES		
		POWER ALONE	SAIL & POWER	SAIL ALONE
INLAND These lights may be shown only on inland waters, western rivers, and Great Lakes.	Under 26'	White all around (32 pt.) 2 mi. 	White all around (32 pt.) 2 mi. Combination red & green 20 pt. 1 mi. 	White 12 pt. stern light 2 mi. Combination red & green 20 pt. 1 mi. 
	26' or over not more than 65'	White all around (32 pt.) 2 mi. Separate sidelights 10 pt. 1 mi. White 20 pt. 2 mi. 	White all around (32 pt.) 2 mi. White 20 pt. 2 mi. Separate sidelights 10 pt. 1 mi. 	White 12 pt. stern light 2 mi. Separate sidelights 10 pt. 1 mi. 
INTERNATIONAL RULES Lights under International Rules may be shown on inland waters, western rivers, and Great Lakes, and are required on the high seas.	Power vessel under 40 gross tons and sail vessels under 20 gross tons*	White 12 pt. stern light 2 mi. White 20 pt. 3 mi. Combination red & green 20 pt. 1 mi. OR White 12 pt. stern light 2 mi. White 20 pt. 3 mi. Separate sidelights 10 pt. 1 mi. 	White 12 pt. stern light 2 mi. White 20 pt. 3 mi. Comb. red & green 20 pt. 1 mi. OR White 12 pt. stern light 2 mi. White 20 pt. 3 mi. Separate sidelights 10 pt. 1 mi. 	White 12 pt. stern light 2 mi. Separate sidelights 10 pt. 1 mi. 

* Under International Rules powerboats of 40 gross tons or over must carry separate sidelights, visible 2 miles, and a 20-point white light visible 5 miles. Sailing vessels of 20 gross tons or over must carry separate side lights, visible 2 miles. Under sail, only boats of less than 20 tons may use a combination lantern. (Note: A vessel under sail alone on the Great Lakes is not required to display a stern light.)

LIGHTS REQUIRED ON BOATS UNDERWAY BETWEEN SUNSET AND SUNRISE
ANCHOR LIGHTS. Vessels at anchor must display anchor lights except those of not more than 65 feet in length in a "special anchorage area."

EQUIPMENT REQUIREMENTS

From U. S. Coast Guard (CG-290) Dated Jan. 2, 1964

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, rudders, outboard motors and brackets, and similar fittings or attachments are not to be included in the measurement. Length shall be stated in feet and inches.

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

MOTORBOATS OF CLASS A

(Less than 16 feet in length)

Lights. See "Lights Required" on preceding page.

Lifesaving Devices. One Coast Guard approved life preserver, buoyant vest, ring buoy, or buoyant cushion in good and serviceable condition for each person on board.

Fire Extinguishers. See table.

Ventilation. Two or more ventilators with cowls or equivalent capable of removing gases from the bilges in engine and fuel-tank compartments on boats constructed or decked over after April 25, 1940, using gasoline or fuel of a flashpoint less than 110° F. Motorboats so constructed as to have the greater portion of the bilges under the engine and fuel tanks open and exposed to the natural atmosphere at all times are not required to be fitted with such ventilators.

Flame Arrester. Carburetors on all motorboat engines (other than outboard engines or specifically exempted inboards) built after April 25, 1940, shall be fitted with an approved device for arresting backfire. Installations made before November 19, 1952, need not meet the detailed requirements of present specifications and may be continued in use so long as they are in good condition.

MOTORBOATS OF CLASS 1

(16 feet to less than 26 feet in length)

The same equipment as required by a class A motorboat is required on this class boat. The only addition is a hand mouth or power-operated whistle or horn capable of producing a blast of at least 2 seconds duration and audible for a distance of at least one-half mile.

MOTORBOATS OF CLASS 2

(26 feet to less than 40 feet in length)

Lights. See "Lights Required" on preceding page.

Lifesaving Devices. Same as for a class A motorboat.

Bell. One which, when struck, produces a clear, bell-like tone of full round characteristics.

Horn or Whistle. One hand or power-operated whistle or horn capable of producing a blast of at least 2 seconds duration and audible for a distance of 1 mile.

Fire Extinguisher. See table.

Ventilation. Same as for a class A motorboat.

Flame Arrester. Same as for a class A motorboat.

MOTORBOATS OF CLASS 3

(40 feet to not more than 65 feet in length)

Lights. See "Lights Required" on preceding page.

Lifesaving Devices. One Coast Guard approved life preserver, or ring buoy for each person on board (buoyant cushions or buoyant vests will not meet the requirements on this class boat).

Bell. Same as for a class 2 motorboat.

Horn or Whistle. Must be power-operated, capable of producing a blast of at least 2 seconds duration and audible for a distance of at least 1 mile.

Fire Extinguishers. See table.

Ventilation. Same as for a class A motorboat.

Flame Arrester. Same as for a class A motorboat.

FIRE EXTINGUISHERS REQUIRED

Each fire extinguisher is classified, by letter and number, according to the type of fire it may be expected to extinguish, and the size of the extinguisher. The letter indicates the type of fire ("A" for fires in ordinary combustible materials; "B" for gasoline, oil, and grease fires; "C" for fires in electrical equipment). Extinguishers approved for motorboats are hand-portable, of either B-I or B-II classification.

Classification (type-size)	Foam (minimum gallons)	Carbon Dioxide (minimum pounds)	Dry Chemical (minimum pounds)
B-I	1 ¼	4	2
B-II	2 ½	15	10

NOTE. Carbon tetrachloride extinguishers and others of the toxic vaporizing-liquid type such as chlorobromomethane are no longer approved and are not accepted as required fire extinguishers.

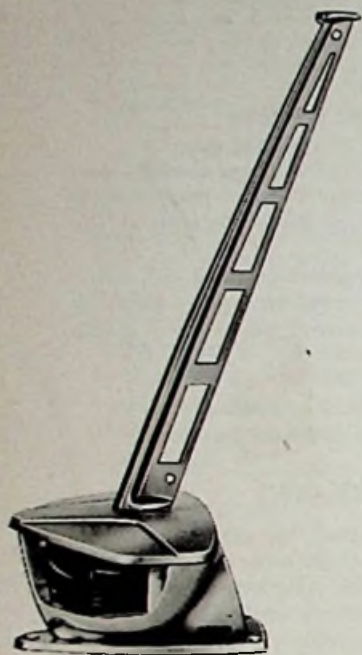
The number of approved extinguishers required depends upon the class (or length) of the motorboat. One B-II extinguisher may be substituted for two B-I extinguishers. When the engine compartment of the motorboat is equipped with a fixed (built-in) extinguishing system of an approved type, one less B-I extinguisher is required.

FIRE EXTINGUISHERS REQUIRED

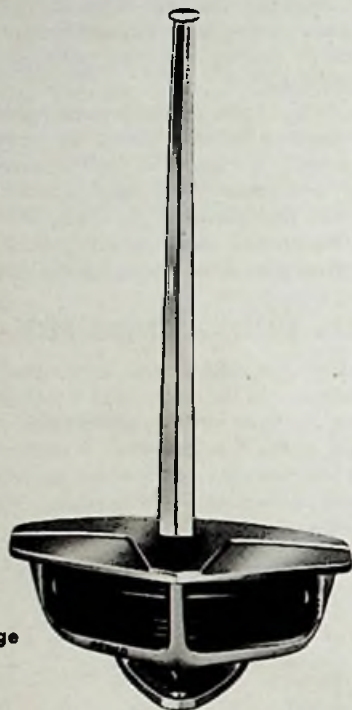
Class of motorboats	Without fixed system in machinery space	With fixed system in machinery space
A (less than 16 ft.)	1 B-I ¹	None.
1 (16 ft. to under 26 ft.)	1 B-I ¹	None.
2 (26 ft. to under 40 ft.)	2 B-I or 1 B-II	1 B-I.
3 (40 ft. to 65 ft.)	3 B-I or 1 B-II	2 B-I or and 1 B-I

¹ Outboard motorboats less than 26 feet in length, of open construction, not carrying passengers for hire, are not required to carry fire extinguishers.

NOTE. "Open Construction" means open under any decking so that there is free access of air. If any decking provides a compartment where there is a possibility for gases to accumulate, the boat should be equipped in accordance with the table.



Side View

Fig. 1203
With Base Flange

Front View

"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
\$9.50	3	7 1/2	5 3/4	3/4	1 3/4

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

Spare lenses, \$.75 each.

Spare electric socket, \$.75 each.



"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
\$8.50	2 3/4	7 1/2	5	3/4	1 3/8

Other Specifications and spare parts same as Fig. 1203.

Fig. 1202
Without Base Flange

"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
\$6.50	2 5/8	9 3/4	1 1/2	3/4	1 1/4

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

Spare Lenses, \$.75 each.

Spare electric socket, \$.75 each.



Fig. 1260

"RANGER" COMBINATON 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
\$5.75	3 1/2	6 1/4 x 3 7/8	2 1/2	3/4	3/4

Price does not include flag staff, see Fig. 1230
 Spare lenses, \$.75 each.
 Spare electric socket, \$.75 each.



"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
\$4.25	2 1/4	4 1/2 x 2 3/8	1 1/4	1/2	7

Spare miniature bayonet socket, \$.55 each.
 Spare lenses, \$.75 each.
 Flag staff, see Fig. 495.



"CELEBRITY" COMBINATION BOW LIGHT — Fig. 1205
 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
\$8.25	3 1/4	7 x 3 3/4	2 1/2	3/4	1 5/8

Price does not include flag staff, see Fig. 1230
 Spare lenses, \$.75 each.
 Spare electric socket, \$.75 each.



"ARISTOCRAT" COMBINATION BOW LIGHT— Fig. 1274
 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
\$7.50	3 3/8	7 1/4 x 3 3/8	2 1/2	3/4	1 1/2

Flag staff, see Fig. 1230.
 Spare lenses, \$.75 each.
 Spare electric socket, \$.75 each.



"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
\$9.00	3 1/8	7 3/8	4 1/4	2 1/2	1 1/4

Spare lenses, \$.75 each.
 Spare electric socket, \$.75 each.



Fig. 1218
"RANGER"



Fig. 1146
"LITTLE JOE"



Fig. 1205
"CELEBRITY"

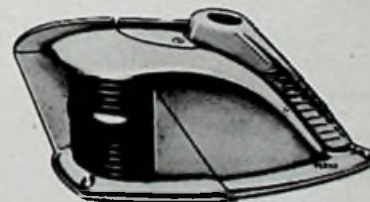


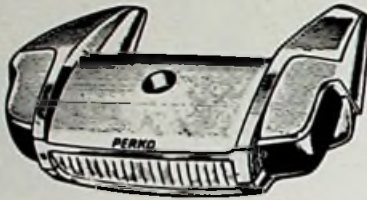
Fig. 1274
"ARISTOCRAT"



Fig. 1160
"SALTY"



Quarter View

Fig. 1201
"PATHFINDER"

Top View

"PATHFINDER"
COMBINATION BOW AND DOCKING LIGHT — Fig. 1201

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

The red and green lenses project light in accordance with U.S. Coast Guard "angles of visibility" but well beyond their "distance of visibility" requirements. Each lens has its own electric socket.

The clear center light should be operated by a separate switch for use only as a docking light, a needed feature when approaching a dock or buoy in darkness.

Electric sockets are bayonet double contact type.

We recommend 15 or 21 C.P. bulb for docking light.

Each	Height Overall Inches	Width Overall Inches	Length Overall Inches	Height Lens Inches	Staff Socket Inches	Weight, Pounds
\$9.00	3 1/4	7 3/8	6	1 3/8	3/4	1 1/4

Spare Lenses, \$.75 each.

Spare electric socket, \$.75 each.

**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.



Fig. 1236

Each	Height Inches	Size Base Inches	Height Lens Inches	Staff Socket Inches	Weight Pounds
\$7.75	3 3/8	6 1/4 x 3 3/8	2 1/2	3/4	1 1/8

Spare lenses, \$.75 each.

Spare bulb, see Fig. 56, 1.3 volts.

**COMBINATION BOW LIGHT — Fig. 348**

Brass — Chromium Plated —
Double Contact Electric Socket

Fitted with a gracefully shaped base for easy mounting on horizontal surfaces, this light has two 112 1/2° red and green Fresnel lenses. Top is fitted to base with screw thread for easy rebulbing.



Fig. 348

Each	Height Overall Inches	Diameter Body Inches	Height Lens Inches	Weight Ounces
\$8.50	4 1/2	2 7/8	2 1/2	12

Spare lenses, \$.75 each.

Spare electric socket, see Fig. 52.

**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.



Fig. 1144

Polished Brass Each	Chromium Plated Each	Height Overall Inches	Diam. Body Inches	Height Lens Inches	Weight Pounds
\$7.50	\$7.75	4 1/2	2 7/8	2 1/2	3/4

Spare lenses, .75 each.

Spare electric socket, \$.90 each.

FLAG STAFFS — Fig. 1239
Zamak Die Casting — Chromium Plated

These are of attractive structural design which will add a great deal of class to the bow light.

Fig. 1239-A is an open pattern for a lighter appearance.

Fig. 1239-B is solid, showing more chrome and solid structure.

Both have neoprene "O" ring for firm grip in staff socket.

Each	Length Overall Inches	Diameter of Base Inches	Fig. 1239-A Weight Ounces	Fig. 1239-8 Weight Ounces
\$3.00	12	3/4	10	11

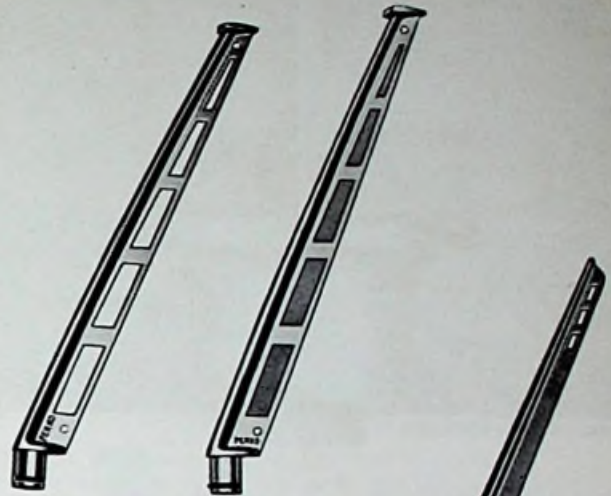


Fig. 1239-A

Fig. 1239-B

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
\$2.50	14	3/4	8



Fig. 1230

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	\$3.60	14	1/2	2
2	3.75	14	3/4	3
3	4.00	18	3/4	6



Fig. 495

WOOD FLAG STAFFS — Fig. 496
Solid Mahogany — Varnished — Fig. 496-M
Hard Maple — White Enameled — Fig. 496-W

No.	Fig. 496-M Each	Fig. 496-W Each	Length Overall Inches	Diam. Base Inches	Weight Ounces
2	\$ 2.90	\$ 2.75	14	3/4	2 1/2
3	3.15	3.00	18	3/4	3 1/2
4	3.60	3.30	18	1	5
5	5.15	4.75	24	1	6
6	6.85	6.25	30	1 1/4	9 1/2
7	8.00	7.35	36	1 1/4	14
8	11.00	10.00	48	1 1/4	27

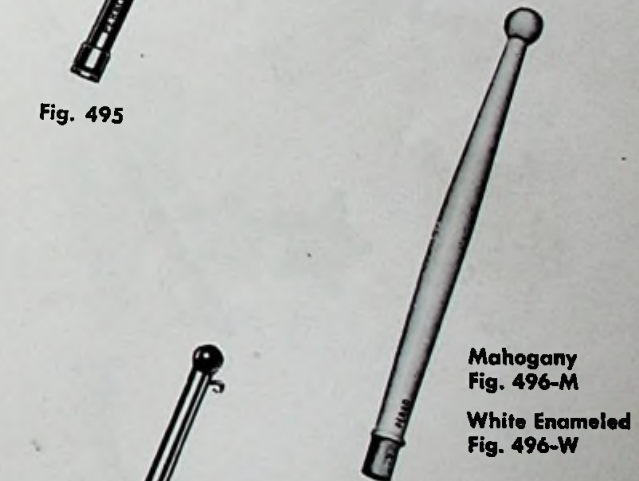
With brass ferrule, add \$.85 each.
With chromium ferrule, add \$1.10 each.



STERN FLAG STAFF — Fig. 580
Brass — Chromium Plated with Walnut Ball

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

No.	Length Overall Inches	Each	Diameter Pole Inches	Dimensions Base Inches	Weight Pounds
2	24	\$7.50	3/4	3 3/8 x 2 1/4	3/4
3	30	8.00	3/4	3 3/8 x 2 1/4	7/8



Mahogany
Fig. 496-M

White Enameled
Fig. 496-W



Fig. 580



AS A 20 POINT BOW LIGHT

NEW PERKO

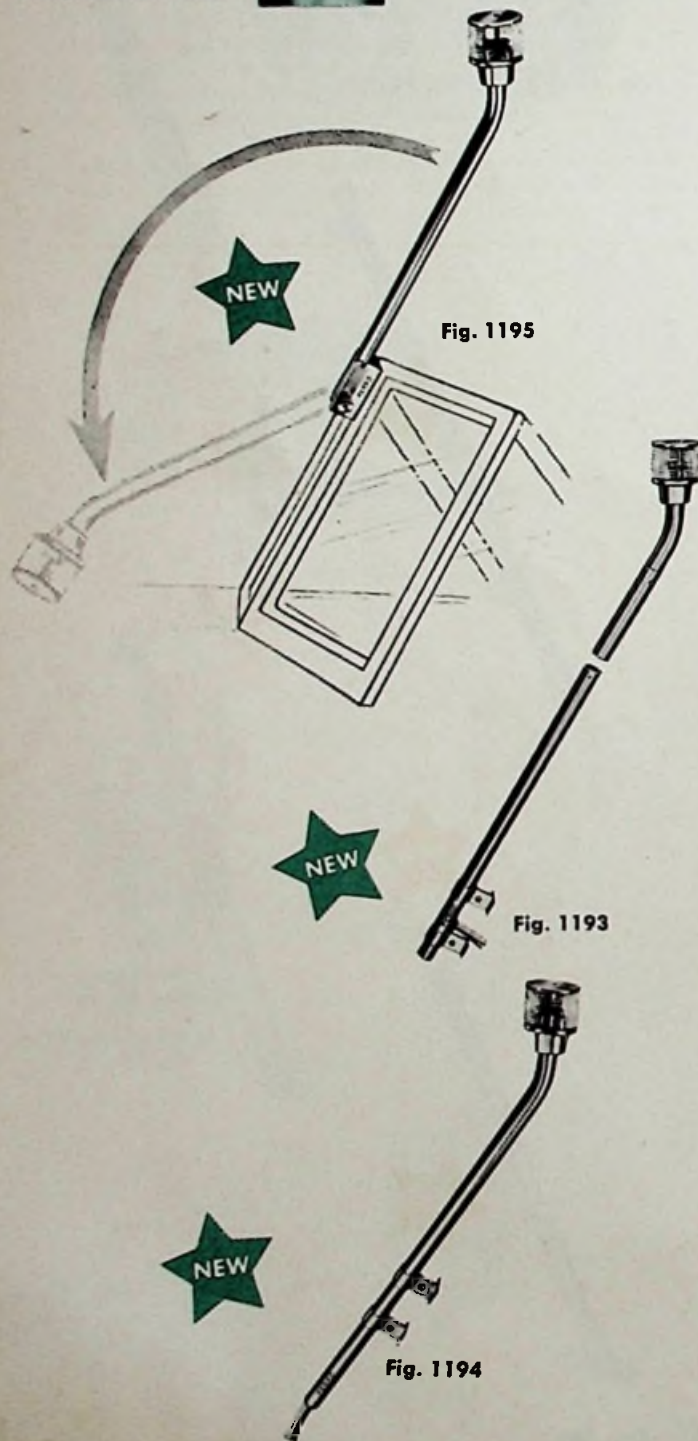


Fig. 1195

Fig. 1193

Fig. 1194

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
\$15.50	20	1 11/16 x 3	3/4	7/8

Lengths other than above supplied to order only, price and delivery on application.

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	\$17.00	16	1	3/4	1 1/4
3	30	17.60	16	1	3/4	1 1/2

Special lengths of sections to order only,
price and delivery on application.
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	\$13.25	1	3/4	1
3	30	13.85	1	3/4	1 1/8

Glare Shield for above, see Fig. 1192.

COMBINATION BOW AND ANCHOR LIGHT

PATENT APPLIED FOR



AS A 32 POINT ANCHOR LIGHT

Here's a new concept in navigation lights created and engineered by "Perko". It'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. Both compartments are fitted with high intensity clear fresnel lenses to

meet visibility requirements of the U. S. C. G. Extremely attractive in styling and finish 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 which 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.

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	\$7.50	6	3 x 2	3/4
2	8.10	12	3 x 2	1



Fig. 1196

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 Pigtaills

Each	Height Overall Inches	O.D. Tubing Inches	Length Tubing Inches	Weight Ounces
\$5.00	3 1/2	3/4	1	6



Fig. 1197

GLARE SHIELD — Fig. 1192
For Combination Bow and Anchor Lights —
18-8 Stainless Steel

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

Each	Dimensions Inches	Weight Ounces
\$1.10	4 5/8 x 3 3/8	1 1/4



Fig. 1192

Spare lenses for all above lights, \$.50 each.

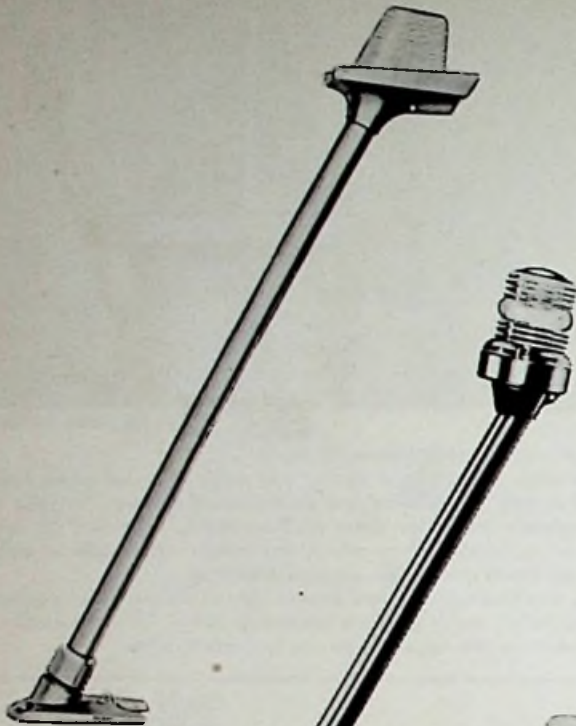


Fig. 1206

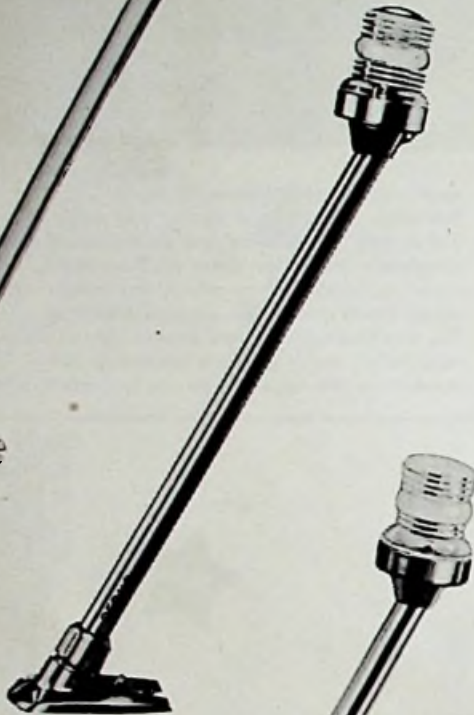


Fig. 1233

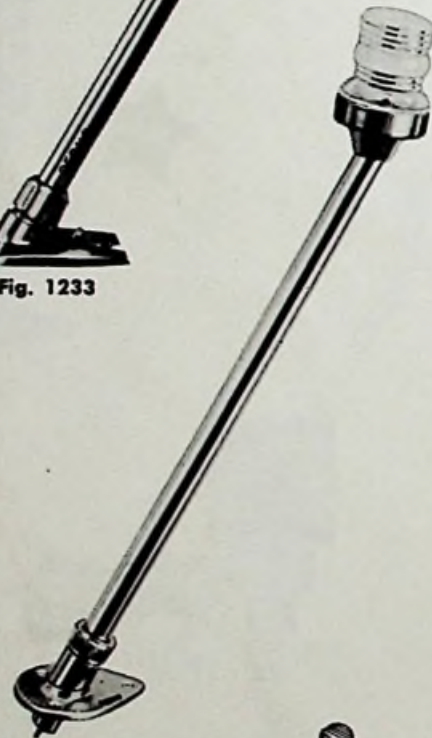


Fig. 605

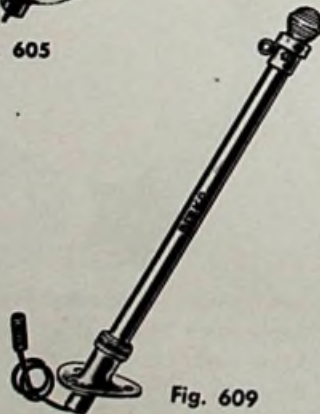


Fig. 609

"TRU-BEAM" STERN POLE LIGHT — Fig. 1206

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

The knurled nut on the base permits adjusting the height of the light down to 4 3/8 inches.

Complete with upper and lower flag halyard eyes, double contact electric socket, clear globe and wired, ready for installation.

No.	Maximum Length Inches	Each	Diameter Pole Inches	Dimensions Base Inches	Weight Pounds
1	20	\$ 9.25	3/4	3 3/4 x 2 1/8	1 1/8
2	24	9.75	3/4	3 3/4 x 2 1/8	1 3/8
3	30	10.35	3/4	3 3/4 x 2 1/8	1 3/4
4	36	11.10	3/4	3 3/4 x 2 1/8	2

Flag Pole Socket only \$3.50 each — Spare Electric Sockets, \$.85 each. Spare Globes, see Fig. 281-P

**ADJUSTABLE POLE LIGHT — Fig. 1233**

Chromium Plated — Wired — Ready for Installation —
With 12 Volt, 6 C.P. Bulb

Brass Pole — Zamak Globe Holder and Base. Bayonet Double Contact Electric Socket. Height Adjustable down to 4 3/8 inches.

No.	Maximum Length Inches	Each	Diameter Pole Inches	Dimensions Base Inches	Weight Pounds
1	20	\$8.00	3/4	3 3/4 x 2 1/8	1 1/8
2	24	8.50	3/4	3 3/4 x 2 1/8	1 3/8
3	30	9.10	3/4	3 3/4 x 2 1/8	1 3/4
4	36	9.85	3/4	3 3/4 x 2 1/8	2

Flag Pole Socket only \$3.50 each — Spare Electric Sockets, \$.85 each. Spare Globes, see Fig. 248-P.

**ADJUSTABLE POLE LIGHT — Fig. 605**

Chromium Plated — Wired — Ready for Installation —
With 12 Volt, 6 C.P. Bulb

Brass Pole and Base — Zamak Globe Holder. Bayonet Double Contact Electric Socket. Height Adjustable down to 4 3/8 inches.

No.	Maximum Length Inches	Each	Diameter Pole Inches	Dimensions Base Inches	Weight Pounds
1	20	\$ 9.00	3/4	3 3/8 x 2 1/4	1 1/8
2	24	9.50	3/4	3 3/8 x 2 1/4	1 1/4
3	30	10.10	3/4	3 3/8 x 2 1/4	1 3/8
4	36	10.85	3/4	3 3/8 x 2 1/4	1 3/4

Flag Pole Socket only \$2.75 each — Spare Electric Sockets, \$.85 each. Spare Globes, see Fig. 248-P.

**ADJUSTABLE POLE LIGHT — Fig. 609**

High Intensity — 1 1/2 Inch Fresnel Ball Globe — All Brass
— Double Contact Socket — With 12 Volt, 6 C.P. Bulb

Diameter of pole is 3/4 inch.

No.	Maximum Length Inches	Chromium Plated Each	Weight Pounds
1	20	\$11.75	1 1/4
2	24	12.25	1 1/3
3	30	12.85	1 1/2
4	36	13.60	1 3/4

Spare Globes, see Fig. 604.

Flag Pole Socket only \$2.75 each

POLE LIGHT — Fig. 687

For Windshield or Transom Mounting —
 Brass — Chromium Plated — 1 3/4 Inch Fresnel Globe —
 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	\$ 8.40	7/8
2	24	8.90	1
3	30	9.50	1 1/8
4	36	10.25	1 1/4

Fig. 687



POLE LIGHT — Fig. 658

For Windshield Mounting — Brass — Chromium Plated
 — With 12 Volt, 6 C.P. Bulb

Complete with two mounting brackets, glare shield and water-
 proof 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	\$12.00	1 1/4
3	30	12.60	1 1/2
4	36	13.35	1 3/4



Fig. 658

SWIVEL TYPE POLE LIGHT — Fig. 660

Brass — Chromium Plated — 1 3/4 Inch Globe —
 3/4 inch Tubing — With 12 Volt, 6 C.P. Bulb

For mounting and fastening to deck and center post of flying
 bridge windshield. Swivel 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	\$12.75	1
3	30	13.35	1 1/4
4	36	14.10	1 1/2



Fig. 660

REMOVABLE POLE LIGHT — Fig. 1209

Brass — Chromium Plated — 1 3/4 Inch Globe —
 3/4 Inch Tubing — With 12 Volt, 6 C.P. Bulb

Instantly removable for stowing away, without break-
 ing connections.
 Electric socket permanently fixed in deck socket, the con-
 nector is within the tubular pole. Push pole into deck socket
 and electric connections are made. Two prong type con-
 nector, no springs.

No.	Length Overall Inches	Each	Dimensions Base Inches	Weight Pounds
1	20	\$11.50	3 3/8 x 2 1/4	7/8
2	24	12.00	3 3/8 x 2 1/4	1
3	30	12.60	3 3/8 x 2 1/4	1 1/4
4	36	13.35	3 3/8 x 2 1/4	1 1/2



Fig. 1209

NOTES

Spare globes for above, see Fig. 248-P.
 Spare Glare Shield, \$1.10 each.
 Spare electric sockets for all above, \$.85 each.
 Figs. 660, 687 and 1209 can be supplied with
 vertical ribbed globe Fig. 247 please specify.

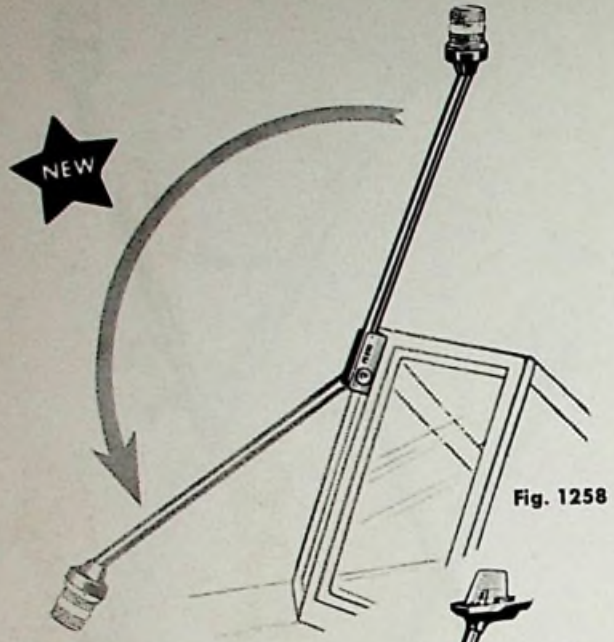


Fig. 1258

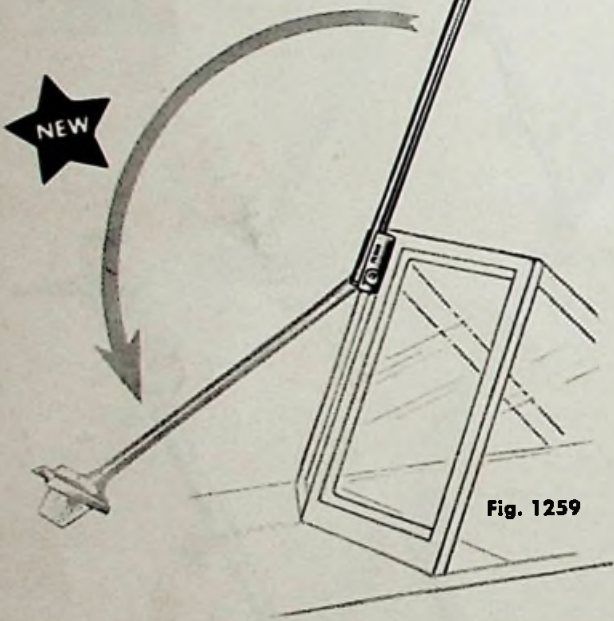


Fig. 1259

NEW FOLDING WINDSHIELD ANCHOR LIGHT — Fig. 1258
 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
\$10.75	20	1 1/4 x 3	7/8

NEW FOLDING WINDSHIELD ANCHOR LIGHT — Fig. 1259
 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
\$10.75	20	1 1/4 x 3	7/8



225° Bow Shield Fig. 507



135° Stern Shield Fig. 508

INTERNATIONAL SHIELDS — Figs. 507 & 508
 Heavy Gauge Plastic

For use with Figs. 422, 605, 1233 and all other lights using the 1 3/4 inch or 2 1/2 inch globe.

Each \$2.35

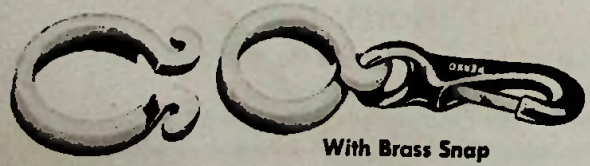


Fig. 234

With Brass Snap Fig. 235

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, \$.40 each.

POLE LIGHTS — Fig. 491

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

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	\$6.00	\$1.00	1¾	248-P	5	¾	15	5
2	6.50	2.25	2½	250	5¼	¾	21	14



Fig. 491 Standard Type



STERN LIGHTS — Figs. 404, 422, 438, 421, 455.

With Clear Threaded Fresnel Globe—Double Contact Electric Socket

Fig.	No.	Polished Brass Each	Chromium Plated Each	Spare Globes Each	Diameter Globe Inches	Fig. No. of Globe	Height Overall Inches	Size Base Inches	Maximum Bulb C. P.	Weight Ounces
404			\$6.50	\$1.00	1-1/2	604	3½	2 3/8	6	7
422	1	\$6.25	7.00	1.00	1-3/4	248-P	6	2 3/8	15	7
	3	7.35	8.35	1.00	1-3/4	248-P	12	2 3/8	15	15
438	1		7.25	1.00	1-3/4	248-P	6	3 3/8 x 2 1/4	15	6
421			6.75	.75	2-9/16	281-P	12	3 3/8 x 2 1/4	6	17
455	1		5.00	1.00	1-3/4	248-P	6	3 x 2 1/8	15	12
	2		5.50	1.00	1-3/4	248-P	9	3 x 2 1/8	15	15



Fig. 404 High Intensity Type



Fig. 422 Standard Type



Fig. 438 Standard Streamline Type



Fig. 421 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 \$.50 each. Figs. 422, 438, 455 and 491 have plastic globe, clear only. With clear glass globe Fig. 250, add \$1.25 each. With colored globe, add \$1.75 each.

For selection of colors see Figs. 250 or 604.



Fig. 455 Economy Type



VERTICAL RIBBED GLOBES — Fig. 247
For Pole, Mast or Stern Lights

This globe can be supplied with the following lights if required, add "A" to Fig. No. of light.

Figs. 362 - 371 - 422 - 428 - 438 - 455 - 491 - 605 - 658 - 660 - 687 - 1209 - 1233 - 1258 - 1259.



Fig. 247

PERKINS MARINE LAMP & HARDWARE CORP.



Fig. 362



Fig. 371

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	Polished Brass Each	Chromium Plated Each	Diam. Globe Inches	Height Overall Inches	Diam. Base Inches	Wt. Lbs.
362	\$7.25	\$7.75	\$8.25	1 3/4	3 1/4	2 1/8	1
371	6.25	6.75	7.25	1 3/4	2 7/8	2 1/8	3/8

Spare Clear Globes See Fig. 248-P.

With Red, Green, or Blue Globe, add \$1.75 each.

See Fig. 250.



Fig. 428

POLE OR MAST LIGHT — Fig. 428

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

No.	Plain Brass Each	Chromium Plated Each	Diam. Neck Inches	Height Overall Inches	Weight Pounds
1		\$6.30	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. 103



Fig. 104

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	Polished Bronze Each	Chromium Plated Each	Height Overall Inches	Diam. Globe Inches	Wt. Lbs.
103	\$8.50	\$10.50	\$12.00	6	3	2
104	9.50	12.25	13.50	5 3/4	3	2

Spare clear globes fig. 249, \$3.00 each.

Spare sockets fig. 222, No. 1, \$.90 each.

With double contact socket fig. 276, add \$.95 each.



Fig. 329 with Double Contact Socket
Fig. 330 with Medium Screw Socket

MEAL AND ABSENT LIGHTS — Figs. 329 & 330

Cast Bronze—Watertight

For mounting on yardarm. Supplied with two fresnel globes, one blue, the other clear, Fig. 251.

Fig.	Polished Bronze Each	Chromium Plated Each	Length Overall Inches	Size Base Inches	Diam. Globe Inches	Wt. Lbs.
329	\$17.75	\$21.00	9	3 3/8 x 1 3/4	3	2
330	19.75	23.00	10	3 3/8 x 1 3/4	3	2 1/2

Bulbs for Fig. 329, see Fig. 337 all sizes listed.

Bulbs for Fig. 330, see Fig. 340, 32 and 120 Volt 15 watt, 1 3/8 inch diameter.

STERN 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	Polished Bronze Each	Chromium Plated Each	Spare Lens Fig. 261 Each	Spare Socket Fig. 52 Each
\$16.00	\$18.50	\$21.50	\$2.75	\$.50
Height Overall Inches	Diam. Base Inches	Diam. Body Inches	Height Lens Inches	Weight Pounds
7	3 1/2	3 1/2	3 3/8	2 3/4

With red, green or amher lens, add \$1.50 each.
With medium screw socket fig. 346 for 15 watt bulb, add \$1.90 each.



Fig. 375

★
STERN 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	Polished Bronze Each	Chromium Plated Each	Height Overall Inches	Diam. Base Inches	Size of Globe Inches	Weight Pounds
\$12.00	\$15.00	\$17.00	8 3/4	3 1/8	5x3 1/2	3 3/4

Spare globes, \$3.60 each. Spare sockets, \$.90 each.

With red, green, blue or amber globe, add \$1.75 each.
With double contact socket fig. 276, No. 3 add \$.95 each.
For bulbs see Fig. 340 clear



Fig. 112

★
MAST LIGHTS — Fig. 521
Cast Bronze

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

Plain Bronze Each	Polished Bronze Each	Chromium Plated Each	Spare Lens Fig. 261 Each	Spare Socket Fig. 52 Each	
\$13.00	\$14.70	\$17.25	\$2.75	\$.50	
Height Overall Inches	Diam. Body Inches	Height Lens Inches	Inside Length Neck Inches	Inside Diam. Neck Inches	Weight Pounds
6 3/4	3 1/2	3 3/8	2 1/2	1 1/4	2

With red, green or amber lens, add \$1.50 each.
With medium screw socket fig. 346 for 15 watt bulb, add \$1.90 each.



Fig. 521

★
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	Polished Bronze Each	Chromium Plated Each	Height Overall Inches	Diam. Bottom Opening Inches	Inside Length Neck Inches	Size of Globe Inches	Weight Pounds
\$12.50	\$17.00	\$18.75	9	1 3/4	2 1/2	5x3 1/2	4

Spare globes, \$3.60 each Spare sockets, \$.90 each.

With red, green, blue or amber globe, add \$1.75 each.
With double contact socket fig. 276, No. 3, add \$.95 each.
For bulbs see Fig. 340 clear



Fig. 113



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	Polished Bronze Each	Chromium Plated Each	Height Overall Inches	Diam. Bottom Opening Inches	Inside Length Neck Inches	Size of Globe Inches	Weight Pounds
\$22.00	\$29.00	\$30.50	10	1 3/4	2 1/2	5x3 1/2	5 1/2

Spare guards, \$6.00 each. Spare clear globes, \$3.60 each. Spare sockets, \$.90 each.

With red, green, blue or amber globe add \$1.75 each. With double contact socket fig. 276, No. 3, add \$.95 each. For bulbs see Fig. 340 clear



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 1/2 Inch Diameter Inclusive

Fig.	Plain Bronze Each	Polished Bronze Each	Chromium Plated Each	Spare Clear Globes Each
145	\$16.00	\$18.00	\$19.75	\$3.60
309	9.75	11.75	13.50	3.60

Fig.	Height Overall Inches	Size Globe Inches	Opening In Globe Inches	Tapped for Pipe Size Inches	Wt. Lbs.
145	7 1/4	5x3 1/2	2 3/4	1/2	3 1/2
309	6 1/2	5x3 1/2	2 3/4	1/2	2 1/2

With red, green, blue or amber globe, add \$1.35 each. Spare medium screw sockets fig. 222 No. 1, \$.90 each. With double contact socket fig. 276 No. 3, add \$.95 each. Spare threaded guards, \$6.00 each.



Fig. 309 without Guard

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.



Fig. 488

Plain Bronze Each	Polished Bronze Each	Height Overall Inches	Diam. Base Inches	Size Globe Inches	Opening in Globe Inches	Wt. Lbs.
\$8.00	\$9.50	6	2 3/8	5 1/2 x 2 3/8	1 1/8	1

Chromium plated finish, add \$1.00 to polished price. Spare clear globes fig. 77, \$2.65 each. With red, green or blue globe, add \$1.10 each. Spare electric sockets see Fig. 346 No. 1.



Fig. 489

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—112½ Degrees—Visibility 2 Miles—Colored Lenses 1 Red And 1 Green

Plain Bronze Per Pair	Chromium Plated Per Pair	Height Lens Inches	Length Overall Inches	Width Overall Inches	Diameter Neck Inches	Length Neck Inches	Weight Per Pair Pounds
\$19.00	\$24.00	2 1/8	5	2 3/8	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—Visibility 3 Miles—Clear Lens

STERN LIGHTS — Fig. 912-A

12 Points—135 Degrees—Visibility 3 Miles—Clear Lens

ANCHOR OR RANGE LIGHT — Fig. 913-A

32 Points—360 Degrees—Visibility 3 Miles—Clear or Amber Lens

Fig.	Plain Bronze Each	Chromium Plated Each	Height Lens Inches	Weight Each Pounds
911-A	\$9.50	\$12.00	2 1/8	1 1/8
912-A	9.50	12.00	2 1/8	1 1/8
913-A	7.25	9.00	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

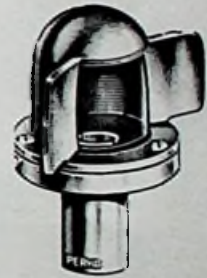


Fig. 912-A

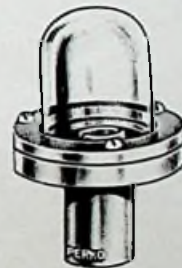


Fig. 913-A

Spare Globe—Clear, Red, Green or Amber Fig. 186-P \$.75 each.

Spare D.C. Sockets, Fig. 52, \$.50 each.

NOTE—Laboratory field tests met the required distance of visibility with 6 C.P. bulbs.

MOUNTING BASE — Fig. 938

For International Lights—Brass

Has 1/2 inch male pipe thread for use with lights on this page and on page 16. Height to bottom of thread is 7/8 inches. Weight is 3 ounces.

Plain Each	Chromium Plated Each	Diam. Overall Inches
\$2.00	\$3.00	2 3/8



Fig. 938

STERN LIGHT — Fig. 939

For Mounting in Transom — 12 Points — 135 Degrees — Visibility 3 Miles — Rebulbing Thru Front or Back — Cast Bronze — Chromium Plated

Made in accordance with U.S.C.G. Requirements and International rules. Ideal for the fisherman who wants an uncluttered after-deck. 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
\$10.25	5 1/4 x 3 1/8	1 1/2	7/8

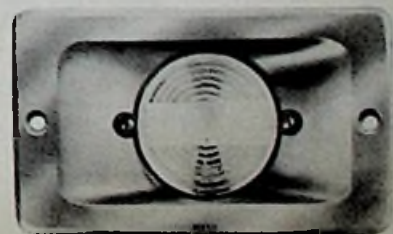


Fig. 939

NOTE — not available in 6 or 32 volts.

Spare Bulb \$.50 each.

Spare lens with gasket, \$.75 each.

Spare Nylon socket with connectors, \$.75 each.

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 112½ Degrees — Visibility 2 Miles — Colored Lens

For mounting on side of deck house or hull.

Per Pair	Length Inches	Width Inches	Depth Inches	Weight Per Pair Ounces
\$10.60	4	2 1/8	1 1/2	7

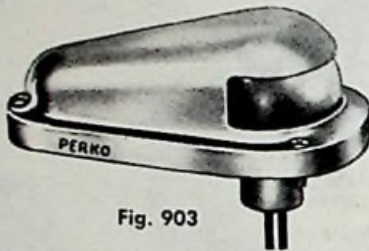


Fig. 903

BOW LIGHT — Fig. 903

20 Points—225 Degrees—Visibility 3 Miles—Clear Lens

Each	Length Inches	Width Inches	Height Inches	Weight Ounces
\$5.30	4	2 1/8	1 1/2	3 1/2

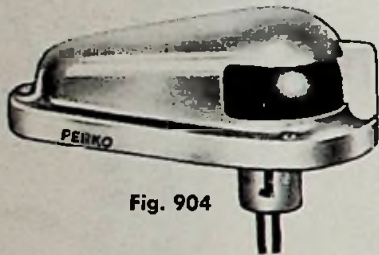


Fig. 904

COMBINATION BOW LIGHT — Fig. 904

Red and Green Lenses — Visibility 2 Miles

Each	Length Inches	Width Inches	Height Inches	Weight Ounces
\$6.75	4	2 1/8	1 1/2	3 1/2

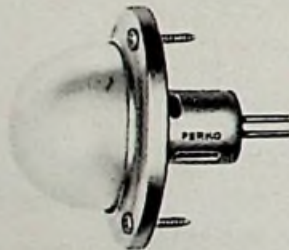


Fig. 943

BOW LIGHT — Fig. 943

20 Points—225 Degrees—Visibility 3 Miles—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
\$4.25	1 3/8	2 1/4	3/4	7/8	3

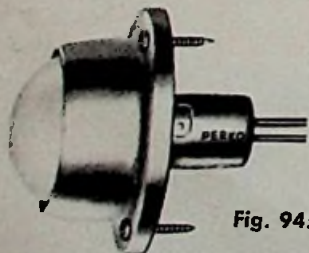


Fig. 945

TRANSOM STERN LIGHT — Fig. 945

12 Points—135 Degrees Visibility 3 Miles—Clear Lens

Each	Height of Light Inches	Diameter of Base Inches	Diameter of Neck Inches	Length Neck Inches	Weight Ounces
\$4.25	1 3/8	2 1/4	3/4	7/8	3

Spare Globes, Clear, Red or Green (Fig. 74-P) \$.60 Each

Spare D.C. Sockets (Fig. 52) \$.50 Each

Spare Red and Green Special Globe for Fig. 904—\$1.10 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—112½ Degrees—Visibility 2 Miles—
 Colored Lenses

For mounting on side of deck house or hull.

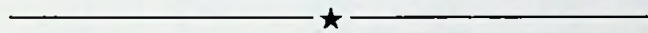
\$8.50 Per Pair



SIDE LIGHTS — Fig. 963
 10 Points—112½ Degrees—Visibility 2 Miles—
 Colored Lenses

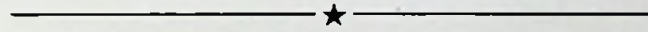
For mounting on deck or top of deck house.

\$8.50 Per Pair



BOW OR MASTHEAD LIGHT — Fig. 964
 20 Points—225 Degrees—Visibility 3 Miles—Clear Lens

\$4.25 Each



STERN LIGHT — Fig. 965
 12 Points—135 Degrees—Visibility 3 Miles—Clear Lens

\$4.25 Each



ANCHOR LIGHT — Fig. 966
 32 Points — 360 Degrees — Visibility 3 Miles —
 Clear Lens — Height Overall 6" — Diameter Base 2 1/2"
 Weight 6 Oz.

\$6.85 Each



COMBINATION BOW LIGHT — Fig. 972
 Red and Green Lenses — Visibility 2 Miles

\$5.30 Each

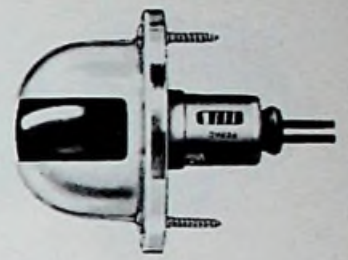


Fig. 962



Fig. 963

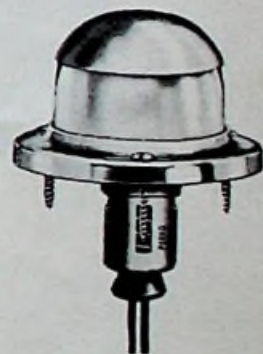


Fig. 964

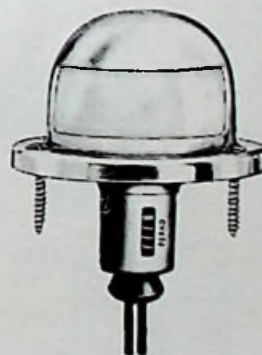


Fig. 965



Fig. 966

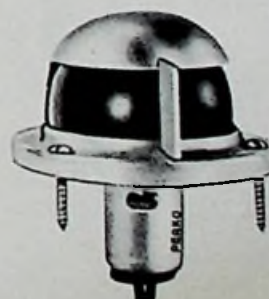


Fig. 972

Spare Globes, Clear, Red or Green (Fig. 74-P) \$.60 Each
 Spare D.C. Sockets (Fig. 52) \$.50 Each
 Spare Red and Green Special Globe for Fig. 972—\$1.10 Each
 6 C.P. Bulbs recommended for above lights.

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

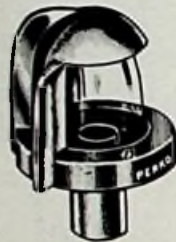


Fig. 1279



Fig. 1280



Fig. 1281

SIDE LIGHTS — Fig. 1278

10 Points—112½ Degrees—Visibility 2 Miles—Colored Lenses 1 Red and 1 Green

BOW OR MASTHEAD LIGHTS — Fig. 1279

20 Points—225 Degrees—Visibility 3 Miles—Clear Lens

STERN LIGHTS — Fig. 1280

12 Points—135 Degrees—Visibility 3 Miles—Clear Lens

Fig.	Per Pair	Each	Length Overall Inches	Width Overall Inches	Weight Pounds	Weight Per Pair Pounds
1278	\$10.25		4 7/8	2 5/8		2 1/4
1279		\$5.75			1	
1280		5.75			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—Visibility 3 Miles—Clear or Amber Lens

Each	Height Lens Inches	Height Light Inches	Diam. Flange Inches	Diameter Neck Inches	Length Neck Inches	Weight Pounds
\$4.50	2 1/8	2 3/8	2 3/8	7/8	1 1/8	5/8



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

Zamak Chromium Plated Each	Height Lens Inches	Dimensions Base Inches	Weight Pounds
\$12.75	2 1/2	3 3/4 x 2 1/2	2 3/4

NOTE — Laboratory field tests met the required distance of visibility with 6 C.P. bulbs.

Mounting base for Figs. 1279, 1280, 1281 see Fig. 938

Spare globes—Clear, Red, Green or Amber Fig. 186-P \$.75 each

Spare D.C. Sockets Fig. 52, \$.50 each



Fig. 1282



Fig. 1283

PERKO INTERNATIONAL NAVIGATION LIGHTS

Shielded To U.S.C.G. Visibility Requirements, Revised Rules Of Motor Boat 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

COMPACT STREAMLINE SIDE LIGHTS — Fig. 1264
 Zamak Die Casting — Chromium Plated
 10 Points—112½ Degrees—Minimum Visibility 2 Miles—
 Colored Lenses: 1 Red, 1 Green

Chromium Plated Per Pair	Length Overall Inches	Height Overall Inches	Thickness Inches	Weight Per Pair Pounds
\$7.50	5½	3⅞	1¾	1¾

Spare Lenses, \$.75 each
 Spare Electric Sockets, \$.75 Each.



Fig. 1264

COMPACT STREAMLINE BOW LIGHTS — Fig. 1265
 Zamak Die Casting — Chromium Plated
 20 Points—225 Degrees—Minimum Visibility 3 Miles—
 Clear Lens

Chromium Plated Each	Length Overall Inches	Width Overall Inches	Height Overall Inches	Weight Pounds
\$4.50	6¼	3⅞	3¼	¾

Spare lenses, \$1.50 each.
 Spare electric sockets, \$.75 each.



Fig. 1265

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	\$11.00	\$15.50	\$17.00	4¼	5¼	1½
98	3	12.00	16.00	17.75	5⅜	6	2
99	2	9.75	14.25	15.75	4¼	5¼	1½
99	3	11.00	15.25	17.00	5⅜	6	2

With medium screw socket, add \$.75 each.
 Spare lenses, see Figs. 256 and 269, Classes 2 and 3.



Fig. 99
 STERN LIGHT

12 Points—135 Degrees



Fig. 98
 BOW LIGHT

20 Points—225 Degrees

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	\$15.50	\$21.50	4¼	10½	3
97	3	16.50	23.50	5-3/16	12½	3½
176	2	16.50	22.50	4¼	10½	3½
176	3	17.00	24.00	5-3/16	12½	4

Oil and double contact electric, add \$2.75 each.
 Oil and medium screw electric, add \$3.75 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





Fig. 563

STREAMLINE SIDE LIGHTS — Fig. 563

Cast Bronze — Classes 2 and 3 — Electric —
Rebulbing Feature — Red and Green Fresnel
Lenses — Double Contact Electric Socket —

Class	Polished Bronze Per Pair	Chromium Plated Per Pair	Spare Lenses Each	Spare Sockets Each
2	\$41.50	\$44.25	\$3.65	\$.50
3	45.75	49.00	4.75	.50
Class	Height Inches	Length Inches	Height Lens Inches	Weight Per Pair Pounds
2	4 $\frac{1}{4}$	10 $\frac{1}{8}$	4 $\frac{1}{4}$	5 $\frac{1}{2}$
3	6	10 $\frac{1}{2}$	5 $\frac{1}{8}$	7 $\frac{1}{2}$

Spare lenses, see Fig. 259.

Spare D.C. sockets, see Fig. 52.



STREAMLINE SIDE LIGHTS — Fig. 1138

Wrought Brass—Class 2—Electric—Rebulbing Feature—
Red and Green Fresnel Lenses—Double Contact Electric
Socket

Bright Finish Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Spare Lenses Each	Spare Sockets Each
\$27.75	\$31.25	\$32.75	\$3.65	\$.50
Extreme Height Inches	Extreme Length Inches	Height Lens Inches	Weight Per Pair Pounds	
6 $\frac{3}{8}$	9 $\frac{3}{8}$	4 $\frac{1}{4}$	3 $\frac{1}{4}$	

Spare lenses, see Fig. 259.

Spare D.C. sockets, see Fig. 52.



STREAMLINE BOW LIGHT — Fig. 561

Cast Bronze — Classes 2 and 3 — Electric — Clear
Fresnel Lens — Double Contact Electric Socket —
With Flag Pole Socket

Class	Polished Bronze Each	Chromium Plated Each	Spare Lenses Each	Spare Sockets Each	
2	\$29.00	\$30.25	\$3.65	\$.50	
3	45.00	46.75	4.75	.50	
Class	Height Inches	Size Base Inches	Height Lens Inches	Flagpole Socket Inches	Weight Pounds
2	5 $\frac{1}{4}$	5 $\frac{1}{2}$ x 11 $\frac{1}{2}$	4 $\frac{1}{4}$	1	7
3	6 $\frac{3}{8}$	6 $\frac{3}{8}$ x 13	5 $\frac{1}{8}$	1	8 $\frac{1}{4}$

Spare Lenses, see Fig. 260.

Spare D.C. Sockets, see Fig. 52.



STREAMLINE BOW LIGHT — Fig. 1139

Wrought Brass — Class 2 — Electric — Clear Fresnel
Lens — Double Contact Electric Socket

Bright Finish Each	Polished Brass Each	Chromium Plated Each	Spare Lenses Each	Spare Sockets Each
\$17.25	\$19.00	\$20.00	\$3.65	\$.50
Height Inches	Size Base Inches	Height Lens Inches	Flagpole Socket Inches	Weight Pounds
5 $\frac{1}{4}$	5 $\frac{1}{2}$ x 9 $\frac{1}{2}$	4 $\frac{1}{4}$	1	2

Spare Lenses, see Fig. 260. Spare D.C. Sockets, see Fig. 52.

With Flag Pole Socket Add \$1.25 Each. Furnished without
Flag Pole Socket unless otherwise specified.



Spare rebulbing features for all above lights: Polished
\$2.50 Each; Chromium Plated \$3.00 Each. Lights on
this page cannot be supplied with medium screw
socket.



Fig. 1138



Fig. 561

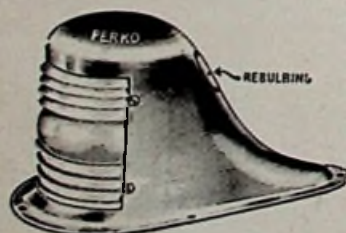


Fig. 1139

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
\$13.80	\$18.00	\$19.75	3¼	4¼	3⅝	1¼

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



Fig. 89

★
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	\$19.75	\$28.25	\$32.00	4¼	3⅝	1¼
2	20.00	28.50	32.25	5	4¼	2
3	21.75	31.25	34.50	6	5⅝	3

Spare Lenses, see Fig. 259.



Fig. 91

★
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	\$ 9.75	\$14.00	\$15.50	4¼	3⅝	1
2	10.00	14.25	15.75	5	4¼	1½
3	10.50	15.00	16.75	6	5⅝	2

Spare Lenses, see Fig. 260.



Fig. 92

All above lights with medium screw adapter, Fig. 153, add \$1.00 each.

Spare double contact adapters for above lights, specify Fig. 138, \$2.50 each.

Spare medium screw adapters for above lights, specify Fig. 153, \$2.50 each.

★
DE-LITE SIDE LIGHTS – Fig. 504

Cast Bronze – Front Doors – Red and Green Fresnel Lenses – Electric Only – Double Contact

A quick change of bulb or lens is simple. Lenses are fastened in doors by brass straps and machine screws. Doors have positive latch which cannot work loose due to vibration or wind.

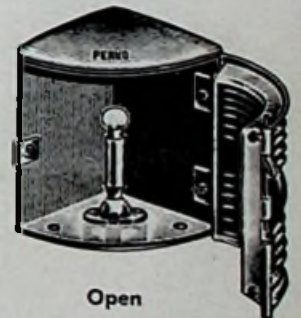
Class	Polished Bronze Per Pair	Chromium Plated Per Pair	Spare Lenses Each	Spare Sockets Each
2	\$29.00	\$34.00	\$3.65	\$1.00
3	34.00	40.00	4.75	1.00

Class	Height Inches	Angle Inches	Height Lens Inches	Weight Per Pair Pounds
2	5½	3¾ x 3¾	4¼	6½
3	6	4 x 4	5⅝	8

With medium screw sockets, add \$3.50 per pair. Spare D.C. Sockets, see Fig. 276, No. 0. Spare lenses, see Fig. 259. With clear lens, Class 2 only, add \$2.00 per pair.



Closed



Open

Fig. 504

★
DE-LITE BOW LIGHT – Fig. 505

Cast Bronze – Front Doors – Clear Fresnel Lens – Electric Only – Double Contact

Same construction as Fig. 504 above.

Class	Polished Bronze Each	Chromium Plated Each	Spare Lenses Each	Spare Sockets Each
2	\$14.50	\$17.00	\$3.65	\$1.00
3	17.00	20.00	4.75	1.00

Class	Height Inches	Width Inches	Height Lens Inches	Weight Pounds
2	5½	5½	4¼	3¼
3	6½	6	5⅝	4¼

With medium screw sockets, add \$1.75 each. Spare D.C. Sockets, see Fig. 276, No. 0. Spare lenses, see Fig. 260. With colored lens, Class 2, add \$1.75 each. With colored lens, Class 3, add \$2.50 each. Colored lenses are Red, Green, Blue or Amber.



Fig. 505

ANCHOR LIGHT — Fig. 0-2 Junior

Turret Top — Removable Guards — Oil or Electric — Clear Fresnel Lens

Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Diam. Base Inches	Height Lens Inches	Weight Pounds
\$11.75	\$15.50	\$18.00	8 ⁵ / ₈	4 ¹ / ₂	3-5/16	2

Combination Oil and Electric, add \$2.75 each.



ANCHOR LIGHT — Fig. 0-6 Senior

Turret Top — Removable Guards — Oil or Electric — Clear Fresnel Lens

Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Diam. Base Inches	Height Lens Inches	Weight Pounds
\$14.75	\$20.50	\$23.00	11 ³ / ₄	5 ⁵ / ₈	4 ¹ / ₄	3

Combination Oil and Electric, Add \$2.75 each.



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	\$10.50	\$13.00	\$16.00	6	4 ¹ / ₂	3 ³ / ₁₆	1 ¹ / ₂
12	12.50	17.00	19.50	9	5 ³ / ₈	4 ¹ / ₄	2 ¹ / ₂



With Red, Green, Blue or Amber Lens: Figs. 0-2 and 11, add \$2.25 each; Figs. 0-6 and 12, add \$2.60 each. All above lights with medium screw electric sockets, add \$1.00 each.

SPARE PARTS

	Each
Lenses, fig. 261, Clear, for figs. 0-2 and 11	\$2.75
Lenses, fig. 261, Clear, for figs. 0-6 and 12	3.35
Oil Founts, fig. 287, Brass, for fig. 0-2	2.75
Oil Founts, fig. 286, Brass, for fig. 0-6	2.75
Oil and Electric Founts, fig. 735, for fig. 0-2	6.50
Oil and Electric Founts, fig. 736, for fig. 0-6	6.50
Oil Burners, fig. 246, No. 0, Brass, for fig. 0-2	1.00
Oil Burners, fig. 246, No. 1, Brass, for fig. 0-6	1.00



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
\$32.25	4 ¹ / ₄	14	7	3 ¹ / ₂	4 ¹ / ₂

With Red, Green, Blue or Amber lens, add \$2.60 each. Fig. 596-A Fount complete \$15.00 each. Light only less Fount, \$17.80 each. Spare burners, wicks and chimneys, see Figs. 245 and 272. Spare lenses, see Fig. 261.



Fig. 0-2 Junior



Fig. 0-6 Senior

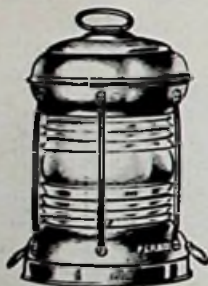


Fig. 11 Junior
Fig. 12 Senior



Fig. 596



Fig. 596A

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
\$23.00	\$28.50	\$32.00	9 ³ / ₈	5x5 ¹ / ₂	3-5/16	3 ⁵ / ₈



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
\$17.50	\$22.25	\$25.75	6 ¹ / ₂	5x5 ¹ / ₂	3-5/16	3



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
\$17.25	\$23.00	\$24.50	9	4 ³ / ₄ x4 ¹ / ₂	3-5/16	2 ⁵ / ₈

Oil and Electric, add \$2.75 Each.



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
\$15.00	\$20.00	\$21.75	6 ¹ / ₄	4 ³ / ₄ x4 ¹ / ₂	3-5/16	2



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
\$31.50	\$40.00	\$44.00	3 ³ / ₈	9	4 ¹ / ₂	4

Oil and Electric with Fig. 735 Fount, add \$5.50 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.



All lights on this page with medium screw electric sockets, add \$1.25 each.

SPARE PARTS

	EACH
Lenses, Fig 259, Class 1 Combination	\$2.80
Oil Founts, Fig. 582, Brass, for Fig. 01.	2.50
Oil Founts, Fig. 733, Brass, for Fig. 1	2.75
Oil and Electric Founts, Fig. 733, Brass, for Fig. 1	6.50
Oil Burners, Fig. 246, No. 0, Brass	1.00
Oil Wicks, Fig. 302, No. 0	.08
Electric Sockets, Double Contact, Fig. 276, No. 2	1.00
Electric Sockets, Medium Screw, Fig. 346, No. 1	.70



Fig. 0-1



Fig. 0-10



Fig. 1

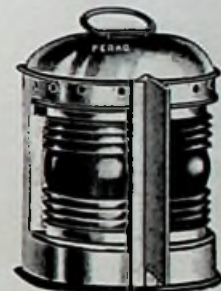


Fig. 3



Fig. 69



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

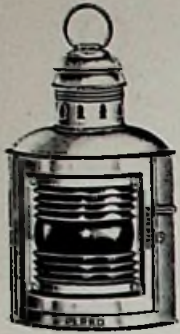


Fig. 0-4

DE-LITE SIDE LIGHTS — Fig. 0-4

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

Galvanized Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$40.00	\$51.00	\$58.50	10 1/2	5 1/4 x 5 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

Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$20.00	\$25.50	\$29.25	10 1/2	5 x 5 1/2	4 1/4	3

With Red, Green, Blue or Amber Lens, add \$2.50 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

Galvanized Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$28.00	\$37.50	\$45.00	7 1/4	5 1/8 x 5 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

Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$14.00	\$18.75	\$22.50	7 3/8	5 x 5 1/2	4 1/4	2 3/4

With Red, Green, Blue or Amber Lens, Add \$2.50 each.



Illustration of Front Door on All Above Lights

All lights on this page with medium screw electric sockets, add \$1.00 each.

SPARE PARTS

	Each
Lenses, fig. 259, Class 2, for figs. 0-4 and 0-40	\$3.65
Lenses, fig. 260, Class 2, for figs. 0-5 and 0-50	3.65
Oil Founts, fig. 582, Brass, for figs. 0-4 and 0-5	2.50
Oil Burners, fig. 246, No. 1, Brass for figs. 0-4 and 0-5	1.00
Oil Wicks, fig. 302, No. 1	.09
Electric Sockets, Double Contact, fig. 276, No. 2	1.00
Electric Sockets, Medium Screw, fig. 346, No. 1	.70

DE-LITE SIDE LIGHTS — Fig. 0-8

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

Galvanized Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$42.50	\$54.50	\$61.00	12¼	5⅝x5⅝	5-3/16	8



DE-LITE BOW LIGHT — Fig. 0-9

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

Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$21.25	\$26.50	\$30.00	12¼	5½x6⅛	5-3/16	4

With Red, Green or Blue Lens, Add \$3.00 Each



DE-LITE SIDE LIGHTS — Fig. 0-80

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

Galvanized Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$31.50	\$40.00	\$48.00	8½	5⅝x5⅝	5-3/16	7



DE-LITE BOW LITE — Fig. 0-90

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

Galvanized Each	Polished Brass Each	Chromium Plated Each	Height Less Ring Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds
\$15.75	\$20.50	\$24.00	8½	5½x6⅛	5-3/16	4

With Red, Green or Blue Lens, Add \$3.00 Each



All lights on this page with medium screw socket, add \$1.00 each.

SPARE PARTS

	Each
Lenses, fig. 259, Class 3, for figs. 0-8 and 0-80	\$4.75
Lenses, fig. 260, Class 3, for figs. 0-9 and 0-90	4.75
Oil Founts, fig. 582, Brass, for figs. 0-8 and 0-9	2.50
Oil Burners, fig. 246, No. 1, Brass, for figs. 0-8 and 0-9	1.00
Oil Wicks, fig. 302, No. 1	.09
Electric Sockets, Double Contact, fig. 276, No. 3	1.10
Electric Sockets, Medium Screw, fig. 346, No. 1	.70



Fig. 0-8



Fig. 0-9

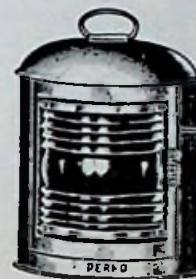


Fig. 0-80



Fig. 0-90

Illustration of Front Door on All Above Lights





Fig. 17



Fig. 18



Fig. 19



Fig. 20

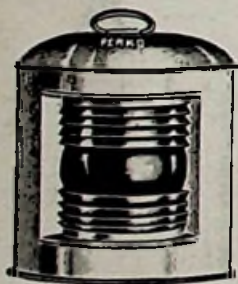


Fig. 4

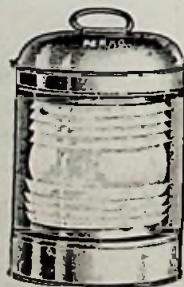


Fig. 5

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: 259 and 260

CLASS 2 SIDE LIGHTS — Fig. 17

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

Galvanized Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$30.50	\$42.00	\$45.00	10½	4¾x5½	4¼	5½

Combination Oil and Electric, add \$5.50 per pair to above prices

**CLASS 2 BOW LIGHT — Fig. 18**

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

Galvanized Each	Polished Brass Each	Chromium Plated Each	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds Each
\$15.25	\$21.00	\$22.50	10½	4½x5	4¼	3

Combination Oil and Electric, Add \$2.75 Each.

With Red, Green, Blue or Amber Lens, Add \$2.50 Each.

**CLASS 3 SIDE LIGHTS — Fig. 19**

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

Galvanized Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Per Pair Pounds
\$32.50	\$46.50	\$49.00	12½	5x6¼	5-3/16	7½

Combination Oil and Electric add \$5.50 per pair.

**CLASS 3 BOW LIGHT — Fig. 20**

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

Galvanized Each	Polished Brass Each	Chromium Plated Each	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds Each
\$16.25	\$23.25	\$24.50	12½	5½x6¼	5-3/16	3½

Combination Oil and Electric, Add \$2.75 each

With Red, Green, Blue or Amber Lens, Add \$3.00 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	Galvanized Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds Per Pair
2	\$24.50	\$36.00	\$39.00	7¼	4¾x5½	4-1/4	5
3	26.50	40.00	43.00	8½	5 x6¼	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	Galvanized Each	Polished Brass Each	Chromium Plated Each	Extreme Height Inches	Base Dimensions Inches	Height Lens Inches	Weight Pounds Each
2	\$12.25	\$18.00	\$19.50	7¼	4½x5	4-1/4	2½
3	13.25	20.00	21.50	8½	5½x6¼	5-3/16	3¼

With Red, Green, Blue or Amber Lens: Class 2 Add \$2.50
 Each; Class 3 Add \$3.00 Each.



All lights on this page with medium screw electric sockets,
 add \$1.25 each.

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
\$18.20	\$21.00	10 1/2	3	1 1/4

With battery, add \$2.00 each.
With red, green or blue globe, add \$.60 each.
Spare globes, see Fig. 250
Spare bulbs, \$.42 each.



Fig. 48

★
60-DAY BATTERY FLASHER LIGHT – Fig. 41

All Brass—Watertight Switch—Clear Globe

Polished Brass, ea.	Height	Base Diameter	Weight
\$41.25	9"	4"	1 lb. 10 oz.

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

Price does not include battery.
With colored globe, red or green, add \$.60 each.



Fig. 41

★
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
\$4.50	8	5



Fig. 707

★
SPREADER FLOODLIGHT – Fig. 268

All Brass—Chromium Plated—Sealed Beam
6 - 12 - 32 Volts

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

6 Volt Each	12 Volt Each	32 Volt Each	Diameter Overall Inches	Depth Inches	Size Mounting Plate Inches	Weight Pounds
\$11.75	\$11.75	\$14.00	4 3/8	4 1/4	5 3/8 x 3/4	1 1/4

Spare sealed beam units, 6 or 12 volts, \$2.75 each
Spare sealed beam units, 32 volts, \$4.50 each
12 volt will be shipped unless otherwise specified

#268
SEALED BEAM



Fig. 268

★
NEW "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
\$5.50	3	3	3 1/8 x 7/8	5



Fig. 277

Bulb #337 #11
#257-3"
#52 socket

★
NEW "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.

Each	Diameter Overall Inches	Depth Inches	Weight Ounces
\$3.75	2 3/4	1 1/8	2 1/2



Fig. 265

#939 lens



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	\$24.75	\$29.00	11	3
2	8	30.00	35.00	14½	6
3	10	54.00	61.00	17¾	8½

Distress Light With Red Globe, Add \$6.00 Each

Also available blue or white frosted globe— Same price as red. Electric same price as oil

SPARE PARTS

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



Fig. 46

BULKHEAD LANTERN – Fig. 46

Oil Burning

No.	Galv. Each	Polished Brass Each	Size Body Inches
1	\$30.00	\$49.50	7 x 9½ x 13
2	32.00	61.50	9 x 13 x 17

Supplied for electric only with medium screw socket to order, add \$4.50 each.

Spare brass founts only, \$7.00 each.

Spare reflectors, \$5.50 each.

Spare burners, see Fig. 242 No. 2.

Spare chimneys, see Fig. 267 No. 2.



Fig. 408

TRI-COLOR TRAWLER LIGHTS – Fig. 408

Electric Only—Medium Screw Socket—45 Degree Clear Fresnel Lens—4 Point

90 Degree Red and Green Fresnel Lenses 8 Point

No.	Galvanized Each	Spare Lenses Each	Height Inches	Height cm	Weight Pounds	Weight kg
0	\$37.00	\$4.25	8½	21.59	3½	1.59
1	74.50	6.50	11½	29.21	9	4.08

Note, Size No. 1 generally used on Trawlers larger than 75 feet.



Fig. 49

NAVY OR LIFE BOAT LANTERN – Fig. 49

Oil Burning – Hinged Top – Clear Globe

Galvanized Each	Polished Brass Each	Height Inches	Height cm	Size of Globe Inches	Weight Pounds	Weight kg
\$14.00	\$18.00	11	27.94	4x6½	3	1.36

With Red, Green, or Blue globe, add \$2.00 each.

With electric adapter fig. 292, add \$1.25 each.

MAST OR BLINKER SIGNALING LIGHTS — Fig. 403

With Hinged Top For Rebulbing.

Cast Bronze — Watertight — Plain Finish With 360° Fresnel Lens

Size No.	Height Lens Inches	Height Overall Inches	Height Overall cm	I. P. S. Thread Inches	I. P. S. Thread cm	Weight Pounds	Weight kg
1	3 ⁵ / ₁₆	6 ³ / ₄	17.14	1/2	1.27	4	1.81
2	4 ¹ / ₄	8 ¹ / ₄	20.95	3/4	1.90	6	2.72
3	5 ¹ / ₂	9 ³ / ₄	24.76	1	2.54	10	4.53

Size No.	Clear Each	Colored Each	Electrical Equipment
1	\$24.00	\$25.00	1 medium screw socket
2	29.00	31.00	1 medium screw socket
2-B	37.25	39.25	6 light candelabra unit
2-C	32.00	34.00	1 mogul 3 wire socket
3	41.00	48.00	1 medium screw socket
3-A	45.00	52.00	4 medium screw sockets
3-C	49.00	56.00	6 light candelabra unit
3-D	43.00	50.00	1 mogul 3 wire socket

Shielded to 112 1/2°, 135° or 225°, add \$10.00 each.

All above sockets are Phenolic (Bakelite).

For spare lenses, see fig. 261.

Colored lenses are red, green or amber.

BULBS FOR ABOVE

120 Volt 50 Watt Fig. 340 clear for Nos. 1, 2, 3 \$.65 each.

120 Volt 50/50 Watt Fig. 532 clear for Nos. 2-C, 3-D, \$.85 each.

120 Volt 15 Watt Fig. 57 Clear with candelabra base for Nos. 2-B and 3-C \$.90 each.



Fig. 403

WATERTIGHT BLINKER KEY — Fig. 9

Cast Bronze Plain Finish — Tungsten Points — Condenser
U.S.C.G. Approved

Condenser is metal encased, 400 volts D.C. 25 M.F.D. Ground test 2000 volts. Cover sealed by 6 screws and rubber gasket. Box has three mounting lugs.

\$36.75 each

Length Inches	Length cm	Width Inches	Width cm	Height Inches	Height cm	Weight Pounds	Weight kg
4 3/8	11.11	2 3/4	6.98	2 3/8	6.03	4	1.81

Interior complete with Condenser, each \$15.00



Fig. 9

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	Height Overall cm	Weight Pounds	Weight kg
540 Single	\$27.50	10 1/4	26.03	6 3/4	3.06
541 Double	65.00	46 1/2	118.09	16	7.26
542 Triple	99.50	82 1/2	209.53	25 1/2	11.56

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 one 1/2 or 3/4 inch pipe tap, add \$.50, with two 1/2 or 3/4 inch pipe taps, add \$1.00.

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

Fig. 541 with 3/4 inch pipe, add \$4.50 each.

Fig. 542 with 3/4 inch pipe, add \$15.00 each.

SPARE GLOBES clear Fig. 106, \$3.60 each.

COLORED GLOBES can be supplied. Colors are red, green, blue or amber. Add \$1.35 for each globe.

SPARE GUARDS Cast Bronze, \$6.00 each.

SPARE SOCKETS Porcelain Fig. 222 No. 1, \$.90 each.



Fig. 540

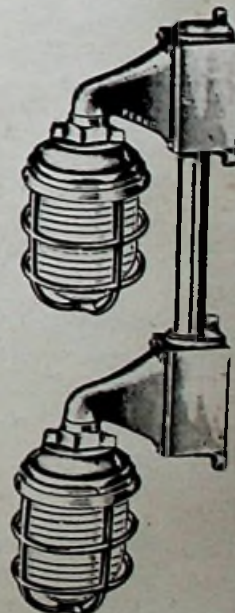


Fig. 541

ELECTRIC NAVIGATION LIGHTS FOR VESSELS OVER 65 FT. LONG
Watertight — 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

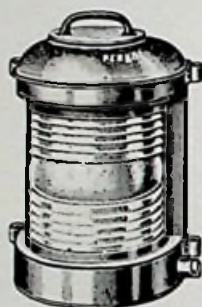


Fig. 1151

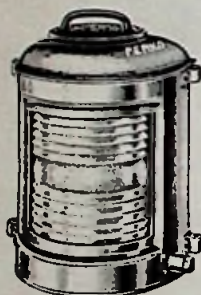


Fig. 1152

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	Height Less Handle cm	Weight Per Pair Pounds	Weight Per Pair kg
1	\$126.00	\$155.00	\$165.00	6 3/4	11 1/4	28.57	16 1/4	7.37
2	157.00	190.00	204.00	7 1/2	13 1/4	33.64	24	10.88
3	186.00	220.00	236.00	8 1/2	15 1/2	39.35	30 1/4	13.72

★
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	Height Less Handle cm	Weight Each Pounds	Weight Each kg
1	\$ 63.00	\$ 77.50	\$ 82.50	6 3/4	11 1/4	28.57	9 1/2	4.31
2	78.50	95.00	102.00	7 1/2	13 1/4	33.64	14	6.35
3	93.00	110.00	118.00	8 1/2	15 1/2	39.35	19	8.62

With red or green lens (special purpose), add \$11.00 each.

With amber lens in Sizes No. 1 and 2 only, add \$11.00 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	Height Less Handle cm	Weight Each Pounds	Weight Each kg
1	\$ 63.00	\$ 77.50	\$ 82.50	6 3/4	11 1/4	28.57	8 1/2	3.85
2	78.50	95.00	102.00	7 1/2	13 1/4	33.64	11	4.99
3	93.00	110.00	118.00	8 1/2	15 1/2	39.35	14 1/2	6.58

With red or green lens (special purpose) add \$11.00 each.

With 45 degree red lens (for suction dredges) add \$15.00 each.

With amber lens in Sizes No. 1 and 2 only, add \$11.00 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	Height Less Handle cm	Weight Each Pounds	Weight Each kg
1	\$ 63.00	\$ 77.50	\$ 82.50	6 3/4	10 1/2	26.67	10	4.54
2	78.50	95.00	102.00	7 1/8	12 3/4	32.39	14 1/4	6.46
3	93.00	110.00	118.00	8 1/2	14 3/8	37.13	20 1/4	9.18

★
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	Height Less Handle cm	Weight Each Pounds	Weight Each kg
1	\$ 69.00	\$ 83.50	\$ 88.50	6 3/4	10 1/2	26.67	10	4.54
2	85.00	102.00	109.00	7 1/8	12 3/4	32.39	14 1/4	6.46
3	103.00	120.00	128.00	8 1/2	14 3/8	37.13	20 1/4	9.18

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", \$7.00 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 Each	Plain Brass Each	Polished Brass Each	Lens Fig. 259 Height Inches	Height Less Handle Inches	Height Less Handle cm	Weight Per Pair Pounds	Weight Per Pair kg
0	\$115.00	\$145.00	\$155.00	5 1/2	13 3/4	34.92	14	6.35
1	126.00	155.00	165.00	6 3/4	15	38.08	16	7.26
2	157.00	190.00	204.00	7 1/2	17 1/2	44.43	25	11.34
3	186.00	220.00	236.00	8 1/2	19 3/4	50.15	35	15.87

★
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	Height Less Handle cm	Weight Each Pounds	Weight Each kg
0	\$ 57.50	\$ 72.50	\$ 77.50	5 1/2	13 3/4	34.92	8	3.63
1	63.00	77.50	82.50	6 3/4	15	38.08	8 3/4	3.97
2	78.50	95.00	102.00	7 1/2	17 1/2	44.43	15	6.80
3	93.00	110.00	118.00	8 1/2	19 3/4	50.15	20	9.07

With red or green lens (special purpose), add \$11.00 each.
 With amber lens Sizes No. 0, 1 and 2 only, add \$11.00 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	Height Less Handle cm	Weight Each Pounds	Weight Each kg
0	\$ 57.50	\$ 72.50	\$ 77.50	5 1/2	13 3/4	34.92	7	3.17
1	63.00	77.50	82.50	6 3/4	15	38.08	8	3.63
2	78.50	95.00	102.00	7 1/2	17 1/2	44.43	11	4.99
3	93.00	110.00	118.00	8 1/2	19 3/4	50.15	17	7.71

With red or green lens (special purpose), add \$11.00 each.
 With 45 degree lens (for suction dredges), add \$15.00 each.
 With amber lens Sizes 0, 1 and 2 only, add \$11.00 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	Height Less Handle cm	Weight Each Pounds	Weight Each kg
0	\$ 57.50	\$ 72.50	\$ 77.50	5 1/2	13 1/4	33.65	8 3/4	3.97
1	63.00	77.50	82.50	6 3/4	14 1/2	36.81	10	4.54
2	78.50	95.00	102.00	7 1/2	17 1/4	43.80	17	7.71
3	93.00	110.00	118.00	8 1/2	19 3/4	50.15	23	10.43

★
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	Height Less Handle cm	Weight Each Pounds	Weight Each kg
0	\$ 62.50	\$ 77.50	\$ 82.50	5 1/2	13 1/4	33.65	8 3/4	3.97
1	69.00	83.50	88.50	6 3/4	14 1/2	36.81	10	4.54
2	85.50	102.00	109.00	7 1/2	17 1/4	43.80	17	7.71
3	103.00	120.00	128.00	8 1/2	19 3/4	50.15	23	10.43

★
ELECTRIC ONLY

With Fig. 288 Medium Screw Adapter, use above prices.
 With Fig. 1082 3 Wire Mogul Adapter, add \$3.25 each.

OIL AND ELECTRIC

With Fig. 288 Medium Screw Adapter, add \$5.00 each.
 With Fig. 1082 3 Wire Mogul Adapter, add \$8.25 each.

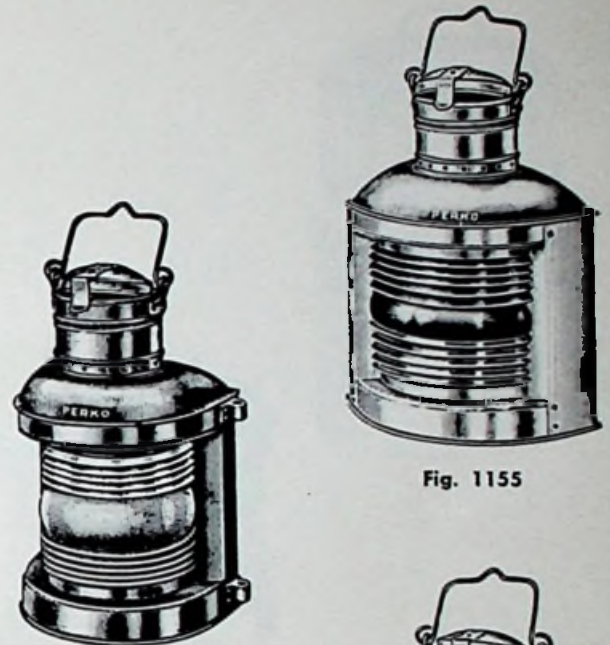


Fig. 1155

Fig. 1156

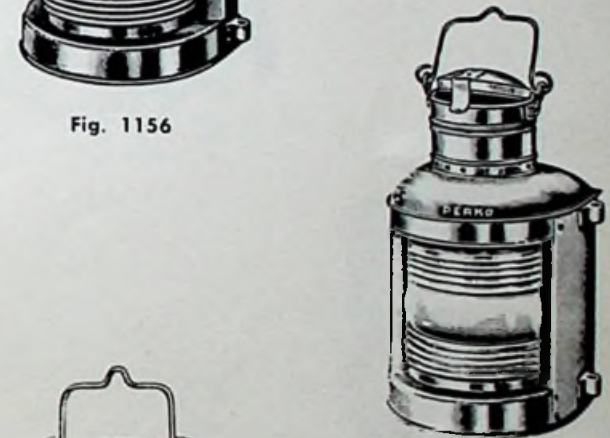
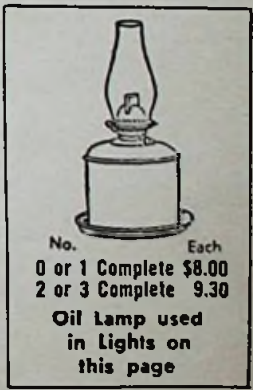


Fig. 1157

Fig. 1158
 Fig. 1159



Recommended For Size Vessel

- No. 0 — 65 to 90 Ft.
- No. 1 — 90 to 150 Ft.
- No. 2 — 150 to 300 Ft.
- No. 3 — Over 300 Ft.

ELECTRIC NAVIGATION LIGHTS FOR VESSELS OVER 65 FT. LONG
Flat Top Style — Bottom Opening

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



Fig. 30



Fig. 983



Fig. 986



Fig. 32
 Fig. 84

SIDE LIGHTS — Fig. 30

112½ 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	Height Less Handle cm	Weight Per Pair Pounds	Weight Per Pair kg
0	\$ 95.00	\$123.00	\$133.00	5½	10½	26.67	10½	4.76
1	100.00	132.00	142.00	6¾	11¾	28.89	12	5.44
2	126.00	163.00	177.00	7½	13¼	33.65	21	9.52



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	Height Less Handle cm	Weight Each Pounds	Weight Each kg
0	\$ 47.50	\$ 61.50	\$ 66.50	5½	10½	26.67	6¾	3.06
1	50.00	66.00	71.00	6¾	11¾	28.89	7½	3.40
2	63.00	81.50	88.50	7½	13¼	33.65	12¼	5.56

With red or green lens (special purpose), add \$11.00 each.
 With amber lens, add \$11.00 each.



STERN LIGHTS — Fig. 986

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

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 269 Height Inches	Height Less Handle Inches	Height Less Handle cm	Weight Each Pounds	Weight Each kg
0	\$ 47.50	\$ 61.50	\$ 66.50	5½	10½	26.67	5¾	2.61
1	50.00	66.00	71.00	6¾	11¾	28.89	6¾	2.83
2	63.00	81.50	88.50	7½	13¼	33.65	9½	4.31

With red or green lens (special purpose) add \$11.00 each.
 With 45 degree red lens (for suction dredges) add \$15.00 each.
 With amber lens, add \$11.00 each.



ANCHOR LIGHTS — Fig. 32

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

No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Lens Fig. 261 Height Inches	Height Less Handle Inches	Height Less Handle cm	Weight Each Pounds	Weight Each kg
0	\$ 47.50	\$ 61.50	\$ 66.50	5½	9¼	23.49	7½	3.40
1	50.00	66.00	71.00	6¾	10¼	26.03	8½	3.85
2	63.00	81.50	88.50	7½	13	33.01	12¾	5.78



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	Height Less Handle cm	Weight Each Pounds	Weight Each kg
0	\$ 52.50	\$ 66.50	\$ 71.50	5½	9¼	23.49	7½	3.40
1	56.00	72.00	77.00	6¾	10¼	26.03	8½	3.85
2	70.00	88.50	95.50	7½	13	33.01	12¾	5.78



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 \$3.25 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	Height Less Ring cm	Weight Per Pair Pounds	Weight Per Pair kg
0	\$ 95.00	\$123.00	\$133.00	5 1/2	14	35.54	12 1/2	5.67
1	100.00	132.00	142.00	6 3/4	15	38.08	13 1/2	6.12
2	126.00	163.00	177.00	7 1/2	18 1/2	46.97	22	9.98



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	Height Less Ring cm	Weight Each Pounds	Weight Each kg
0	\$ 47.50	\$ 61.50	\$ 66.50	5 1/2	14	35.54	7 1/2	3.40
1	50.00	66.00	71.00	6 3/4	15	38.08	8	3.63
2	63.00	81.50	88.50	7 1/2	18 1/2	46.97	14	6.35

With red or green lens (special purpose), add \$11.00 each.
 With amber lens, add \$11.00 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	Height Less Ring cm	Weight Each Pounds	Weight Each kg
0	\$ 47.50	\$ 61.50	\$ 66.50	5 1/2	14	35.54	6	2.72
1	50.00	66.00	71.00	6 3/4	15	38.08	6 1/2	2.95
2	63.00	81.50	88.50	7 1/2	18 1/2	46.97	10 1/2	4.76

With red or green lens (special purpose) add \$11.00 each.
 With 45 degree red lens (for suction dredges) add \$15.00 each.
 With amber lens, add \$11.00 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	Height Less Ring cm	Weight Each Pounds	Weight Each kg
0	\$ 47.50	\$ 61.50	\$ 66.50	5 1/2	13 3/8	33.96	7 1/2	3.40
1	50.00	66.00	71.00	6 3/4	14 3/8	36.49	9	4.08
2	63.00	81.50	88.50	7 1/8	17 1/2	44.43	14	6.35



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	Height Less Ring cm	Weight Each Pounds	Weight Each kg
0	\$ 52.50	\$ 66.50	\$ 71.50	5 1/2	13 3/8	33.96	7 1/2	3.40
1	56.00	72.00	77.00	6 3/4	14 3/8	36.49	9	4.08
2	70.00	88.50	95.50	7 1/8	17 1/2	44.43	14	6.35



ELECTRIC ONLY

With Fig. 288 Medium Screw Adapter, use above prices.
 With Fig. 1082 3 Wire Mogul Adapter, add \$3.25 each.

OIL AND ELECTRIC

With Fig. 288 Medium Screw Adapter, add \$5.00 each.
 With Fig. 1082 3 Wire Mogul Adapter, add \$8.25 each.



Fig. 21



Fig. 982

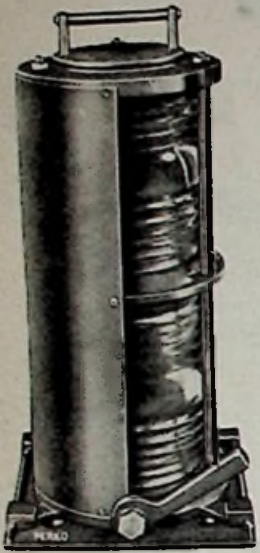


Fig. 985

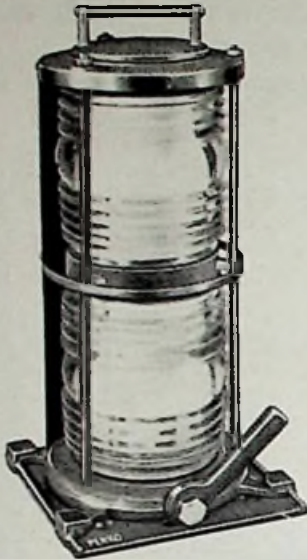


Fig. 23 or 129

Recommended For Size Vessel
 No. 0 — 65 to 90 Ft.
 No. 1 — 90 to 150 Ft.
 No. 2 — 150 to 300 Ft.



10 Point-112 1/2°
Fig. 1164



20 Point-225°
Fig. 1165



Mounting Flange
Fig. 1171

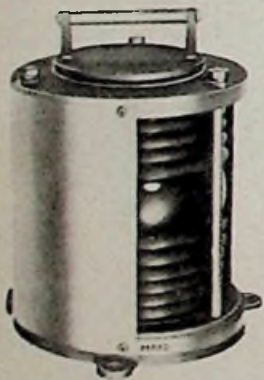


Fig. 1172-P
Fig. 1172-S

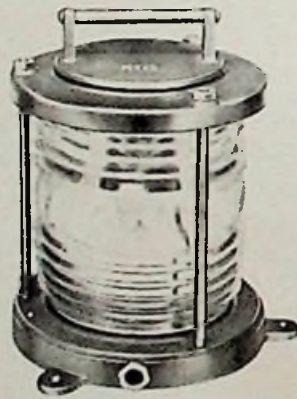


Fig. 1169-Clear
Fig. 1170-Red



Fig. 1162

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	\$125.00
1164-S	Side Light — Starboard — Green	112 1/2	125.00
1165	Masthead, Range Towing — Clear	225	118.00
1166	Stern — Clear	135	118.00
1167	Anchor — Clear	360	112.00
1168	Breakdown — Red	360	123.00

All Above Supplied With Fig. 1171 Mounting Flange. FIGS. 1165 OR 1166 WITH COLORED LENSES, RED OR GREEN, ADD \$11.00 EACH LIGHT.

Spare Lenses Fig. 261 No. 1		Spare Sockets Each	Spare Rubber Lens Gaskets Each
Clear Each	Colored Each		
\$15.50	\$23.00	\$1.30	\$2.00

Height Overall Inches	Height Overall cm	Height Lens Inches	Height Lens cm	Weight Pounds	Weight kg
18	45.70	6 3/4	17.14	30	13.61



SINGLE LENS LIGHTS

Per Above Specifications — Cast Bronze

Fig.	Description	Degrees of Light	Each
1169	Anchor — Clear	360	\$67.00
1170	Breakdown — Red	360	72.50
1172-P	Side Light — Port — Red	112 1/2	75.00
1172-S	Side Light — Starboard — Green	112 1/2	75.00
1173	Masthead, Range Towing — Clear	225	72.50
1174	Stern — Clear	135	72.50

Height Overall Inches	Height Overall cm	Height Lens Inches	Height Lens cm	Weight Pounds	Weight kg
10	25.40	6 3/4	17.14	14 1/2	6.58



ANCHOR AND BOOM LIGHT — Fig. 1162

For Jack Staff or Mast Mounting. Cast Bronze With Clear Globe and Medium Screw Electric Socket

Height Overall Inches	Height Overall cm	Diameter Base Inches	Diameter Base cm	Weight Pounds	Weight kg	Each
7 1/2	19.05	5 7/8	14.92	4 3/4	2.15	\$35.00

With White Frosted Globe, Same Price, Specify. With Red Globe, Add \$3.00 Each.

PERKO-MARR WHISTLE LIGHT — Fig. 1137

Patent No. D 185,376 and 3,007,135

Amber or Clear Plastic Lenses — Mirror Reflectors.
Rated Life of Sealed Beam Unit is 2000 Hours. 500 Watt —
110,000 Candle Power — 120 Volts.
18-8 No. 304 Stainless Steel with Natural Finish.

A Great Step Forward in Maritime Safety

The Perko-Marr Light is different and distinctive insofar as it projects separated white or amber rays extending outward and upward for 360° around the horizon as each whistle blast sounds. These brilliant rays are visible far beyond the audible range of the whistle. Most important, at night when chances of confused whistle signals are greater, the pattern is even more distinctive because the finger like rays which pierce the sky are separated by darkness.

Install this Light above the superstructure. On top of the Pilot House, on the Radar Antenna Mast, or on a stanchion.



Fig. 1137

Each	Height Overall Inches	Height Overall cm	Width Overall Inches	Width Overall cm	Weight Pounds	Weight kg
\$400.00	30	76.18	22	55.86	22	9.98

Please specify color, otherwise clear will be shipped.
 Spare Sealed Beam Units, 500 Watt, \$15.00 each

VISIBLE SIGNAL WHISTLE LIGHT — Fig. 494

Cast Bronze Body With Amber Or Clear Lenses
Watertight — Plain Finish —

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

The flashing light avoids possible confusion with regulation navigational lights, masthead lights, etc. Furthermore, since the light is hooked up with a switch connected to the whistle, it only flashes as the whistle cord is pulled.

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.



Fig. 494

Each	Height Lens Inches	Height Overall Inches	Height Overall cm	I.P.S. Thread Inches	I.P.S. Thread cm	Weight Pounds	Weight kg
\$65.00	5½	9¾	24.76	1	2.54	10	4.53

Please specify color otherwise amber will be shipped.

PULL SWITCH AND RELAY — Figs. 1134 & 1135

Pull switch is underwriters approved and has cast bronze housing. A heavy duty double pole snap switch.

Each	Weight Pounds	Weight kg
\$35.00	4¾	2.15

Relay is in an enclosure of enameled sheet metal, a double pole single throw switch operated by a solenoid type magnet. If D.C. relay required, please specify.

Each	Weight Pounds	Weight kg
\$35.00	2¾	1.25

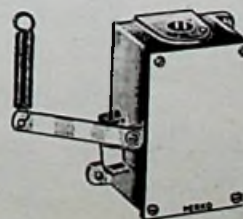


Fig. 1134



Fig. 1135

SELF CONTAINED BATTERY NAVIGATION LIGHTS
For Oil Carriers, Barges, Scows, Etc.



Fig. 1001
Side Lights
112½ Degrees

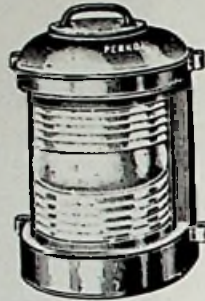
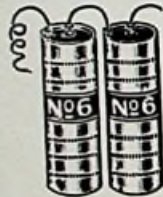


Fig. 1002
Masthead or
Range Light
225 Degrees



Fig. 1003
Stern
Light
135 Degrees



Standard No. 6 Dry
Cells used with
These Lights



Fig. 1008
Side Lights
112½ Degrees



Fig. 1013
Masthead or
Range Light
225 Degrees



Fig. 1014
Stern
Light
135 Degrees

Watertight Type

Figs. 1001, 1002 & 1003

FOR 2 No. 6 DRY CELLS IN SERIES—WITH SWITCH

	Fig. 1001 Red and Green Per Pair	Fig. 1002 Clear Each	Amber Each	Fig. 1003 Clear Each	Amber Each
Galvanized	\$132.00	\$82.00	\$ 94.50	\$82.00	\$ 94.50
Plain Brass	159.00	98.00	110.00	98.00	110.00
Spare Lenses	30.00	24.00	34.00	14.50	23.00

Fig.	DIMENSIONS			Weight Pounds	Weight kg
	Height Lens Inches	Height Less Handle Inches	Height Less Handle cm		
1001	6¾	11½	29.21	17	7.71
1002	7½	13½	34.28	15	6.80
1003	7½	13½	34.28	12	5.44

Above prices include bulbs, no batteries.
Spare bulbs, double contact 2.9 volts, .15 amp. Fig. 337,
\$2.40 each

Waterproof Type

Figs. 1008, 1013 & 1014

FOR 2 NO. 6 DRY CELLS IN SERIES WITH SWITCH

	Fig. 1008 Red and Green Per Pair	Fig. 1013 Clear Each	Amber Each	Fig. 1014 Clear Each	Amber Each
Galvanized	\$107.00	\$72.00	\$84.00	\$72.00	\$84.00
Spare Lenses	30.00	24.00	34.00	14.50	23.00

Fig.	DIMENSIONS			Weight Pounds	Weight kg
	Height Lens Inches	Height Less Handle Inches	Height Less Handle cm		
1008	6¾	11¼	28.57	13	5.90
1013	7½	13	33.01	12	5.44
1014	7½	13	33.01	9¼	4.19

Above prices include bulbs, no batteries. Bulb is double con-
tact, 2.9 volts, .15 amp. Fig. 337, \$2.40 each. Battery con-
tainers as illustrated, complete with reflector, socket, bulb
and switch, without batteries, \$17.00 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. 720 continuous hours of light on one set of batteries.

No.	Galvanized Steel Each	Plain Brass Each	Height Lens Inches	Height Overall Inches	Height Overall cm	Weight Pounds	Weight kg
1	\$44.00	\$52.00	4 1/4	14 1/2	36.81	5 1/2	2.49
2	60.00	69.50	5 1/2	15 3/4	39.99	8	3.63

Light shielded to 112 1/2, 135 or 225 degrees, add \$10.00 Each.
Spare Battery Containers, Galv. \$12.50 each. Brass \$16.00 Each.



Fig. 470



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.
Over 1500 hours continuous light on one set of batteries.

No.	Galvanized Steel Each	Plain Brass Each	Height Lens Inches	Height Overall Inches	Height Overall cm	Weight Pounds	Weight kg
3	\$74.00	\$86.00	5 1/2	16 3/4	42.52	9	4.08

Light shielded to 112 1/2, 135 or 225 degrees, add \$10.00 each.
Spare Battery Containers, Galv. \$16.50 each. Brass \$20.00 ea.



Fig. 474



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 day and night for at least 60 days. Numerous field tests have given results well beyond that time.

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.

No.	Galvanized Steel Each	Plain Brass Each	Height Lens Inches	Height Overall Inches	Height Overall cm	Weight Pounds	Weight kg
1	\$87.00	\$95.00	4 1/4	14 1/2	36.81	13	5.90

Light Shielded to various degrees. Add \$10.00 Each.



FIG. 485



SPARE PARTS FOR FIGS. 470 & 474

- No. 1 Red, Green or Amber Lens, add \$2.75 each.
- Nos. 2 & 3 Red, Green or Amber Lens, add \$7.00 each.
- Spare Bulbs, 6 Volt .04 Amp. Miniature Base, \$.35 each.
- Spare Lenses Fig. 261.
- Spare Switches Fig. 745.
- Spare Sockets, \$.50 each.
- Spare Socket Holder with socket, \$2.00 each.

SPARE PARTS FOR FIG. 485

- Spare Bulbs, \$.40 each.
- Spare Timing Mechanisms, \$21.00 each.
- With Red, Green or Amber Lens, add \$2.75 each.
- Spare Lenses, see Fig. 261. Spare Switches, see Fig. 745.
- Spare Battery and Timer Containers, Galvanized, \$12.50 each.
- Brass \$16.00 each.

"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.

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

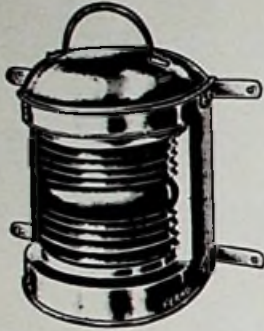


Fig. 29

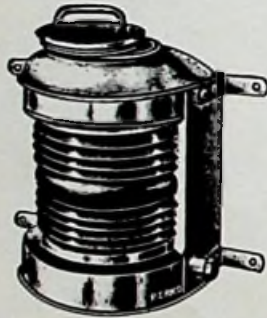


Fig. 31

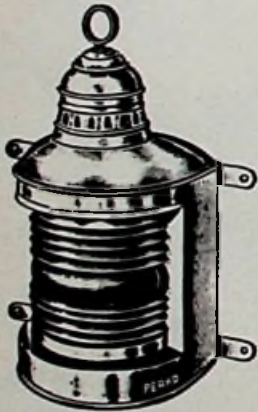


Fig. 59

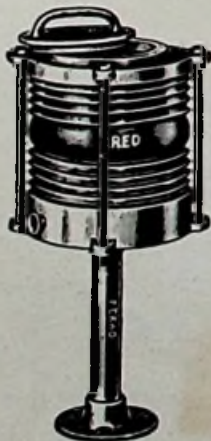


Fig. 126

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	*Height Overall cm
29	Electric only	\$73.00	\$90.00	7 3/8	13 1/4	33.65
31	Electric only	81.00	98.00	7 3/8	13 1/4	33.65
59	Oil or Electric	73.00	90.00	7 3/8	18	45.70
59	Oil and Electric	78.00	95.00	7 3/8	18	45.70

		Width Overall Inches	Size Base Inches	Weight Pounds	Weight kg
29	Electric only	14 1/2	9 7/8 x 9 1/8	10 1/4	4.65
31	Electric only	14 1/2	9 7/8 x 9 1/8	12	5.44
59	Oil or Electric	14 1/2	9 7/8 x 9 1/8	12	5.44
59	Oil and Electric	14 1/2	9 7/8 x 9 1/8	12	5.44

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

*Height of light does not include handle or ring.

SPARE PARTS

	Each
Fresnel Lenses, Fig. 260, Mld. 59	\$25.00
Electric Socket	1.00
Electric Adapter, Fig. 288, No. 2	5.50
Oil Fount, Fig. 282, No. 2	5.50
Oil Burner, Fig. 242, No. 2	2.90
Oil Wicks, Fig. 302, No. 2	.11
Chimneys, Fig. 267, No. 2	1.38

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	*Height Overall cm	Bronze Weight Pounds	Bronze Weight kg
\$110.00	\$100.00	7 1/8	19	48.24	24	10.88

Mounted on 1 1/2" Brass Pipe and Flange, add \$12.00 Each.

Mounted on 2" Brass Pipe and Flange, add \$26.00 Each.

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

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

REGULATION PIER LIGHTS

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

Fig. 1005 — Has four integral mounting lugs drilled for 3/8 inch diameter bolt and brass packing gland for cable.
 Fig. 125 — This is fig. 1005 mounted on 1 inch brass pipe and good sturdy cast bronze flange.
 Fig. 1010 — This is fig. 1005 mounted on 2 inch brass pipe and fittings. Standard length of pipe "A" is 3 1/2 inches.

Fig.	Cast Bronze Each	Cast Aluminum Each	Height Lens Inches	*Height Overall Inches	*Height Overall cm
1005	\$110.00	\$105.00	7 3/8	9 1/4	23.49
125	130.00	115.00	7 3/8	19	48.24
1010	156.00	145.00	7 3/8	17 1/2	44.43

	Width Light Inches	Size Base Inches	Bronze Weight Pounds	Bronze Weight kg
1005	9 1/4	8 3/8 x 7 3/8	18 3/4	8.50
125	8 1/4	5	24	10.88
1010	8 1/4	6	28	12.70

*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 \$12.00 each.

Fig. 125 mounted on 2" brass pipe and flange, add \$26.00 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 \$.42 per inch
- 1 1/2" pipe—add \$.70 per inch
- 2" pipe—add \$.96 per inch

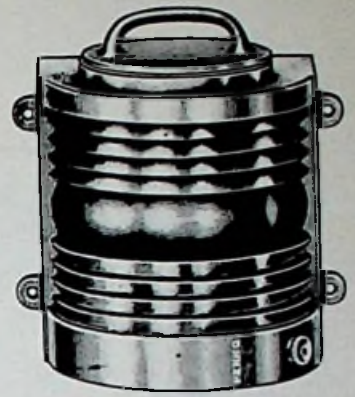


Fig. 1005



Fig. 125

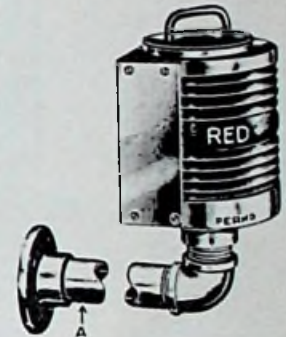


Fig. 1010

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.



360 DEGREE RED, GREEN OR CLEAR — For shear 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 Bridges And Pier Lights

180 DEGREE LENSES—For Figs. 22-29-31-59-125-1005-1010-1012 ... Clear \$18.25 each, Colored \$25.00 each

360 DEGREE LENSES—For figs. 68-80-126-1006-1011 Clear \$18.00 each, Colored \$27.50 each

CAST BRONZE WATERTIGHT CAPS complete with rubber gasket—For figs. 22-31-35-39-125-126-127-1005-1006-1007-1010-1011-1012 \$7.00 each

RUBBER GASKETS—For caps \$.35 each

RUBBER GASKETS—For 360 degree lenses \$3.00 each

ELECTRIC SOCKETS—Medium screw—For all lights \$1.00 each

SOCKET SUPPORTS—Brass—For all watertight electric lights \$1.30 each

ELECTRIC ADAPTER—For figs 29-50-59-68-80 ..\$5.50 each

OIL FOUNTS—Brass—For figs. 50-59-80\$5.50 each

OIL BURNERS—Brass—For above founts\$2.90 each

OIL WICKS—For above burners\$.11 each

CHIMNEYS—For above burners\$1.38 each

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. 35

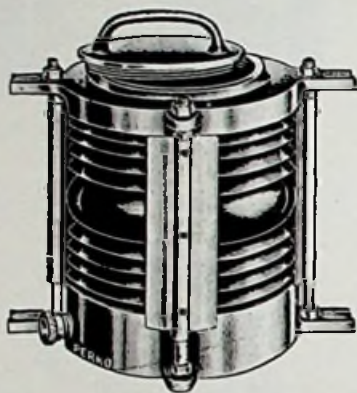


Fig. 39



Fig. 50



Fig. 68

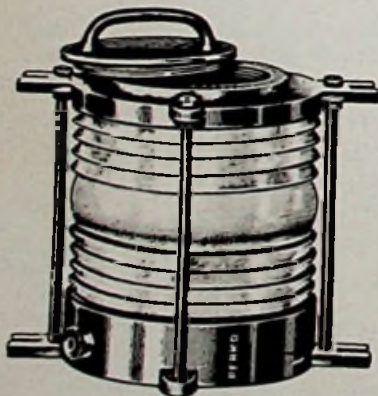


Fig. 1006



Fig. 80

FIG.	Galv. Each	Plain Brass Each	Cast Bronze Each	Cast Aluminum Each	Spare Lenses Each
35 Elec. only	\$100.00	\$118.00			\$12.00
39 Elec. only			\$145.00	\$140.00	12.00
50 Oil or Elec.	84.00	102.00			12.00
50 Oil and Elec.	89.00	107.00			12.00

FIG.	Height Lens Inches	*Height Overall Inches	*Height Overall cm	Bronze Weight Pounds	Bronze Weight kg
35 Elec. only	7 3/8	13 1/4	33.65	14 1/4	6.46
39 Elec. only	7 3/8	11 3/4	29.84	21	9.52
50 Oil or Elec.	7 3/8	18	45.70	14	6.35
50 Oil and Elec.	7 3/8	18	45.70	14 1/2	6.58

*Height of light does not include handle or ring.

Specify area of lens otherwise 60 degrees will be shipped. 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 \$13.00 each. 1 1/2" pipe add \$25.00 each. 2" pipe add \$39.00 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	\$58.50	\$76.50		
1006 Electric only			\$90.00	\$85.00
80 Oil or Elec.	73.00	88.50		
80 Oil and Elec.	78.00	93.50		

FIG.	Height Lens Inches	*Height Overall Inches	*Height Overall cm	Bronze Weight Pounds	Bronze Weight kg
68 Electric only	7 1/8	12 3/4	32.38	13	5.90
1006 Electric only	7 1/8	9 1/2	24.13	19	8.62
80 Oil or Elec.	7 1/8	17 1/4	43.80	15 1/2	7.03
80 Oil and Elec.	7 1/8	17 1/4	43.80	15 1/2	7.03

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

With clear, or red lens for special purpose, use above prices.

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

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

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

Cast Bronze Each	Cast Aluminum Each	Height Lens Inches	*Height Overall Inches	*Height Overall cm	Bronze Weight Pounds	Bronze Weight kg
\$170.00	\$160.00	7 1/8	20 1/4	51.42	36	16.33

With Alternate Red and Green 60 degree or 90 degree Lenses per Fig. 39, add \$32.00 Each.

Special length of pipe at "A" or "B", add \$15.00 set up charge then \$.96 for each additional inch.

*Height does not include handle.

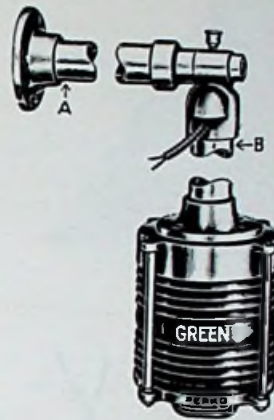


Fig. 1011



Fig. 22

LIFT SPAN LIGHTS FOR BASCULE BRIDGES

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

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

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

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

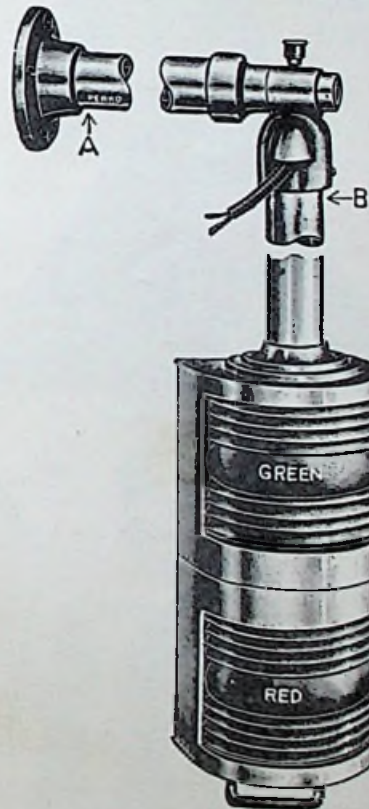


Fig. 1012

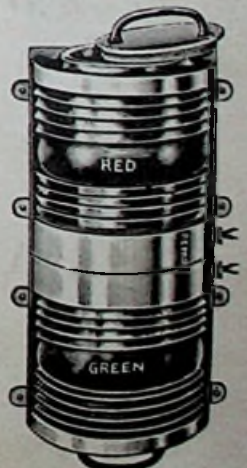


Fig. 127

Fig.	Cast Bronze Each	Cast Aluminum Each	*Height Overall Inches	*Height Overall cm	Height Lens Inches	Bronze Weight Pounds	Bronze Weight kg
22	\$290.00	\$270.00	30 1/2	77.45	7 3/8	54	24.49
127	230.00	210.00	18 1/2	46.97	7 3/8	36	16.33
1012	340.00	320.00	32	81.26	7 3/8	56	25.40

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 \$.96 for each additional inch.

*Height does not include handle.

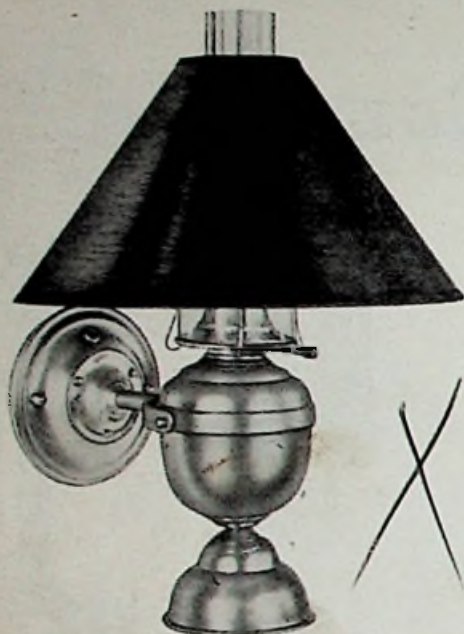


Fig. 1214

ELECTRIC CABIN LAMP For WALL MOUNTING—Fig. 1214
 With Metalloid Shade—All Brass—With Medium Screw
 Socket—Double Swinging—Weighted Base—Clear
 Globe—Turn Switch

An Authentic and traditional whale oil type cabin lamp electri-
 fied. A most attractive lamp—a conversation piece.

Complete With Shade

Polished Brass Each	Chromium Plated Each	Shade Only Each
\$35.00	\$41.00	\$4.00

Height Overall Inches	Dimensions Shade Inches	Diameter Wall Plate Inches	Weight Pounds
15	3x11x6	4 $\frac{3}{4}$	4 $\frac{1}{8}$

With Frosted Globe add \$.25 each

Spare Globes, Clear \$1.00 Each Frosted \$1.25 each

Polished Brass Lamp furnished with gold shade and Chromium
 Plated Lamp furnished with silver shade.



Fig. 1215

ELECTRIC CABIN LAMP FOR TABLE OR DESK—Fig. 1215
 With Metalloid Shade—All Brass—With Medium Screw
 Socket—Weighted Base—Clear Globe—Turn Switch

A good lamp for cabin of yacht or houseboat—Weighted base
 prevents tipping.

Complete With Shade

Polished Brass Each	Chromium Plated Each	Shade Only Each
\$27.00	\$31.00	\$4.00

Height Overall Inches	Dimension Shade Inches	Diameter Base Inches	Weight Pounds
15	3x11x6	3 $\frac{3}{4}$	3 $\frac{1}{2}$

With frosted globe, add \$.25 each

Spare Globes, Clear, \$1.00 Each Frosted \$1.25 each

Polished Brass Lamp furnished with gold shade and Chromium
 Plated Lamp furnished with silver shade.



Fig. 1220

CANDLE BURNING CABIN LAMP — Fig. 1220
 For Table or Desk — All Brass — With Weighted Base —
 Frosted Globe

A very attractive and traditional marine lamp for use where
 electricity is not available or cozy atmosphere is desirable in
 nautical surroundings.

Polished Brass Each	Chromium Plated Each	Height Overall Inches	Diameter Base Inches	Weight Pounds
\$21.75	\$25.75	15	3 $\frac{3}{4}$	3 $\frac{1}{4}$

Metalloid Shade for above, \$4.00 Each. See Fig. 1214

Spare Globes, \$1.25 each.

AUTHENTIC MARINE TABLE LAMPS
All Solid Brass—With Attractive Metalloid Shades

Presenting an attractive assortment of table lamps designed for those who have a natural love for the sea and vessels that sail upon it, and who desire a nautical atmosphere or motif in their surroundings, be it their home, boat, office, club or eating place. Manufactured and designed by this country's oldest and most highly regarded manufacturer of navigation lights, these lamps are the real thing, not imitations.

All lenses are true molded fresnels made to government requirements for navigational purposes, in light transmission and color. Colors (Red, Green, Blue or Amber) are molded into the lens, not coated or painted.

All wired and complete with plug.

no harp
 #1211 "clipon" shade
 #1210 -1211 -1212
 Ⓢ #1273 (3-way switch)
 Ⓢ #662C socket (top)
 Ⓢ #666C socket w/hole (inside)
 Harps w/angle

Complete With Shade

Fig.	Polished Brass Each	Chromium Plated Each	Shade Only Each
1210	\$54.80	\$59.80	\$10.80
1211	27.75	30.75	5.25
1212	34.00	38.00	7.00
1213	31.25	34.00	5.25

Prices shown above apply to Fig. 1210 with white frosted globe, Figures 1211 or 1212 with clear fresnel lenses.

Fig. 1210 with colored globe (red, green or blue) add \$4.25 each.

Fig. 1211 with colored lens (red, green or amber) add \$1.00 each.

Fig. 1212 with colored lens (red, green or amber) add \$1.80 each.

Fig.	Height Inches	Diameter Base Inches	Size of Shade Inches	Size of Globe Inches	Weight Pounds
1210	29 1/2	5 3/4	13x15x15	8	4 3/4
1211	18	4 1/4	8x10x10	3-5/16	2 1/2
1212	23 1/2	5 3/4	10x12x12	4-1/4	3 3/4
1213	18	5 1/4	8x10x10		2 3/4

Height shown above is from base to top of shade. Sizes of shade shown above are 1st, diameter of top, 2nd, diameter of bottom; 3rd, height.

Figs. 1210, 1211 & 1212 are equipped with turn switch for light under shade, inside globe or both.

Fig. 1213 — Diameter of wheel is 4 5/8 inches overall.

Polished brass lamps are furnished with gold shade and Chromium plated lamps are furnished with silver shade.

All lamps shipped complete with shade unless otherwise specified.



Fig. 1210



Fig. 1211



Fig. 1212



Fig. 1213



Fig. 1035

SOLID WALNUT LAMP BASES — Fig. 1035
Varnished — Satin Finish

No. 1 size fits Lamp Fig. 1211
 No. 2 size fits Lamp Figs. 1210 and 1212

No.	Each	Diameter Bottom Inches	Height Inches	Weight Pounds
1	\$6.50	6 3/8	1 3/8	3/8
2	8.00	8 1/8	1 7/8	1 1/8

"clipon" shade
 Fig. 1213

#662C push thru socket / switch

#341 Sockets
#745 Toggle Switch
#261 Lens



Fig. 1031



Fig. 1033

ELECTRIC MARINE LAMPS — Figs. 1031 & 1033
For Use Ashore — All Brass — With Fresnel Lenses —
Wired — With Switch

Fig.	Polished Brass Each	Chromium Plated Each	Height Overall Inches	Diameter Base Inches	Weight Pounds
1031	\$17.50	\$20.00	9 $\frac{1}{4}$	4 $\frac{1}{2}$	2 $\frac{1}{8}$
1033	19.00	22.00	12	5 $\frac{3}{8}$	3 $\frac{1}{8}$

Fig. 1033 can be furnished in sheet iron, antique finish, \$17.00 each. Both sizes with red, green, blue or amber lens, Add \$2.50 each.



Fig. 1036

"PILGRIM" WALL LAMP — Fig. 1036
Electric — All Brass — Clear Globe — With Switch

A Wall Lamp design "as old as the hills" but with a nautical background.

Polished Brass Each	Chromium Plated Each	Height Overall Inches	Diameter Base Inches	Weight Pounds
\$13.50	\$16.50	11 $\frac{1}{4}$	5	1 $\frac{1}{4}$

Metalloid shade for above, \$4.00 each. See Fig. 1214
With frosted globe, add \$.25 each



Fig. 1045

AUTHENTIC SHIP'S BULKHEAD LANTERN — Fig. 1045

Clear Glass Panels — Medium Screw Electric Socket

No.	Galv. Steel Each	Polished Brass Each	Dimensions Inches
1	\$35.00	\$52.50	7x 9 $\frac{1}{2}$ x13
2	37.00	64.50	9x13 x17

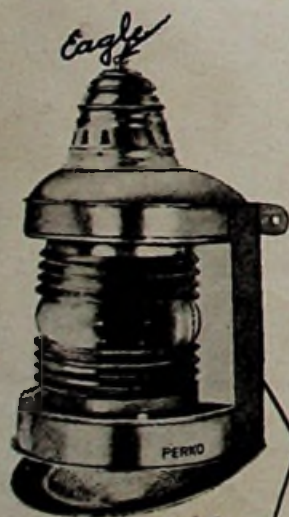


Fig. 1034

SHIP'S MASTHEAD LIGHT — Fig. 1034
Medium Screw Electric Socket — Flat Back For Wall
Mounting

No.	Polished Brass Each	Height Light Inches	Width Light Inches	Height Lens Inches	Weight Pounds
1	\$57.50	14	7	5 $\frac{1}{2}$	7 $\frac{1}{2}$
2	78.00	18 $\frac{3}{4}$	9	7 $\frac{1}{2}$	14

Colored lenses. Red, Green or Amber, add \$11.00 to above prices.

#6166c socket w/hood

MARINE HOUSE FIXTURES

All Brass — Medium Screw Electric Socket — Wired
Flush Canopy — Fig. 1023

No.	Polished Brass Each	Chromium Plated Each
1	\$18.00	\$22.50
2	20.50	25.00

Canopy and Chain — Fig. 1024

No.	Polished Brass Each	Chromium Plated Each	Notes
1	\$18.50	\$23.00	Lens #261 3/4
2	21.00	25.50	#261 5/8
3	73.50	82.00	#261 #1 } Frosted
4	90.00	98.00	#261 #2

Wall Bracket — Fig. 1025

No.	Polished Brass Each	Chromium Plated Each	Notes
1	\$20.00	\$24.50	#261 3/4
2	22.50	27.00	#261 5/8

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

Dimensions: Figs. 1023, 1024 & 1025

No.	Height Lamp Only Inches	Diam. Lamp Inches	Height Lens Inches	Approx. Weight Pounds	COLORED LENSES	
					Red - Green	Amber
1	8 5/8	4 1/2	3 3/8	3	1	\$2.00
2	11 3/4	5 3/8	4 1/4	4	2	2.40
3	14 1/2	7 1/2	6 3/4	10	3	6.00
4	17 3/4	9 3/4	7 1/2	14	4	7.00

1.5



FLUSH CANOPY Fig. 1023



CANOPY AND CHAIN Fig. 1024



WALL BRACKET Fig. 1025

Canopy and Chain With White Frosted Globe—Fig. 1032

No.	Polished Brass Each	Chromium Plated Each	Height Lamp Only Inches	Diam. Globe Inches	Approx. Weight Pounds
1	\$35.00	\$9.00	11	6"	3
2	45.00	5.00	14	8"	4 1/2
3	71.00	79.00	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.

Hanging Fixtures Figs. 1024 & 1032 furnished with 12" of chain.



CANOPY and CHAIN WHITE FROSTED GLOBE Fig. 1032

6"-8"-10" Frosted



Fig. 242



Fig. 246



Fig. 302

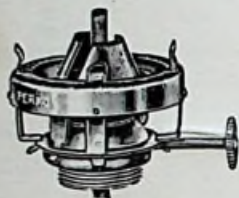


Fig. 245



Fig. 272



Fig. 262



Fig. 267

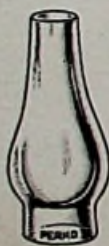


Fig. 230



Fig. 231



Fig. 264



Fig. 94



Fig. 173

HINGE BURNERS — Fig. 242

All Brass

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

No.	Per Dozen	Diam. Thread Inches	Width Wick Inches
2	\$34.75	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	\$12.00	3/8	1/2
1	12.00	7/8	5/8

FLAT WICKS — Fig. 302

	Per Dozen
Flat Wicks, No. 0, 1/2 inch wide	\$.96
Flat Wicks, No. 1, 5/8 inch wide	1.08
Flat Wicks, No. 2, 7/8 inch wide	1.32

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
\$30.00	\$21.00	\$2.65	1 1/4	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. Colored globes are solid colors, not painted.

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	\$16.50	6	2 1/8

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
\$10.20	\$12.00	4 3/8 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 3/8	3 3/8	6 3/8
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 8 1/2 inches high and 3 inches in diameter Base weight — 4 ounces.

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.

Steel, Brass Plated \$10.80 per dozen
All Brass \$16.20 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	\$2.75	3 $\frac{3}{8}$	3 $\frac{3}{8}$	2 $\frac{1}{2}$
291	3.75	3 $\frac{3}{8}$	3 $\frac{3}{8}$	3
292	3.75	3 $\frac{3}{8}$	3 $\frac{3}{8}$	3 $\frac{1}{2}$
*733 Oil only	2.75	3 $\frac{1}{2}$	2 $\frac{3}{8}$	2
733 Oil and Electric	6.50	3 $\frac{1}{2}$	2 $\frac{3}{8}$	3 $\frac{3}{4}$
736	6.50	3 $\frac{3}{8}$	3 $\frac{3}{8}$	4 $\frac{1}{2}$

*Supplied without burner or wick.

Fig.	For Lights Figs.
286	06-17-18-19-20-49-176-408 No. 0 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
733	1
736	06-17-18-19-20



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



SWIVEL TYPE — For Motorboat Lights

Fig.	Each	Diameter Overall Inches	Opening In Light Inches	Weight Per Dozen Pounds
274	\$3.75	4 $\frac{1}{2}$	4	4
287	2.75	4 $\frac{1}{2}$	4	3
293	3.75	4 $\frac{1}{2}$	4	4
735	6.50	4 $\frac{1}{2}$	4	4 $\frac{1}{2}$

Fig.	For Lights Figs.
274	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



Fig. 274
Electric
Medium Screw



Fig. 287
Oil



Fig. 293
Electric
Double Contact

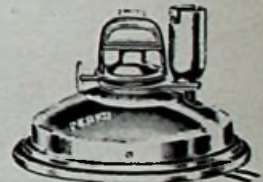


Fig. 735
Oil and Electric
Double Contact



For Lights for Vessels Over 65 Feet Long

Size No.	Fig. 282 Only Each	*Fig. 282 Complete Each	Fig. 288 Each	Fig. 1082 Each
0	\$4.80	\$9.25	\$5.50	\$8.50
1	4.80	9.25	5.50	8.50
2	5.50	9.80	5.50	8.50

*Complete with Burner, Wick and Chimney

Size No.	Height Fig. 282 Inches	Diameter Overall Inches	Diameter Opening In Light Inches
0	2 $\frac{7}{8}$	4 $\frac{3}{4}$	3 $\frac{3}{4}$
1	3 $\frac{1}{2}$	4 $\frac{3}{4}$	3 $\frac{3}{4}$
2	4 $\frac{1}{2}$	5 $\frac{3}{4}$	4 $\frac{3}{4}$

Note — Size No. 2 is also used in all No. 3 size lights on page 31.



NOTES

Oil burners and wicks, see Figs. 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 screw sockets for Figs 274 and 292, see Fig. 346, No. 1.



Fig. 282
Oil



Fig. 288
Electric
2 Wire
Medium Screw



Fig. 1082
Electric
3 Wire
Mogul

GLASS FRESNEL LENSES

FOR SIDE AND COMBINATION LIGHTS
112½ DEGREES

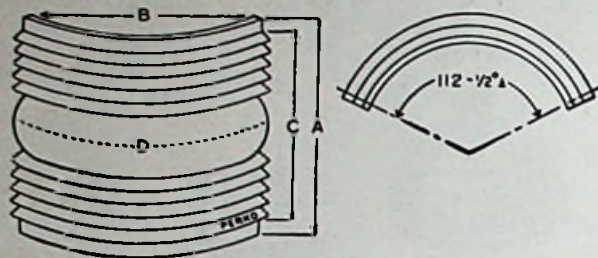


Fig. 259

For Motor Boats	A In.	B In.	C In.	D In.	Clear Each	Red or Green Each	Amber Each
Class 1	3 3/16	2 3/8	2 3/8	3 3/8	\$3.45	\$2.80	\$2.90
Class 2	4 1/4	3 3/8	3 1/2	4 3/8		3.65	
Class 3	5 3/8	3 1/2	4 3/8	5 3/8		4.75	

For Vessels Over 65 ft.

No. 8	5 1/2	4 1/4	4 1/8	5 3/8		\$8.00	
No. 0	5 1/2	5 3/4	5	8 3/8	\$10.50	11.50	
No. 1	6 3/4	6	6	8 3/8		15.00	
No. 2	7 1/2	8 1/2	6 3/8	11 3/8		20.00	
No. 3	8 1/2	9 3/4	7 3/8	13		23.00	

FOR ANCHOR LIGHTS—360 DEGREES

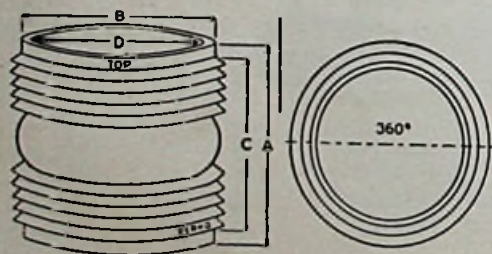


Fig. 261

For Motor Boats	A In.	B In.	C In.	D In.	Clear Each	Colored Each
Junior	3 7/16	3 3/8	2 3/8	2 3/4	\$2.75	\$3.50
Senior	4 1/4	4	3 3/8	3 3/8	3.35	5.00

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	11.50	18.00
No. 1	6 3/4	5 3/4	6 1/8	4 1/2	15.50	23.00
No. 1 1/2	6 3/4	6	6	5 3/8	15.50	18.00
No. 2	7 1/8	7 3/8	6 3/8	6 7/8	18.00	27.50
No. 3	8 1/2	8 1/2	7 3/8	7 3/8	23.00	36.50

Colors are red, green, blue or amber.

Sizes, Senior, Nos. 0, 1 and 2, not available in blue

Sizes No. 1 1/2 and 3 not available in blue or amber.

FOR BOW LIGHTS—180 DEGREES

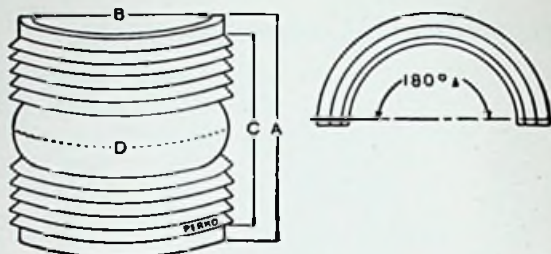


Fig. 260

For Motor Boats	A In.	B In.	C In.	D In.	Clear Each	Colored Each
Class 1	3 3/16	2 3/8	2 3/8	5 3/8	\$3.50	\$5.80
Class 2	4 1/4	3 3/8	3 3/8	6 3/8	3.65	5.95
Class 3	5 3/8	3 3/8	4 3/8	7 1/8	4.75	7.25
Mld. 59	7 3/8	6 3/8	6 3/8	12 5/8	18.25	25.00

Colors are red, green, blue or amber.

Mld. 59 not available in blue.

Mld. 59 used in pier and lift span lights for bridges.

FOR MASTHEAD LIGHTS—225 DEGREES

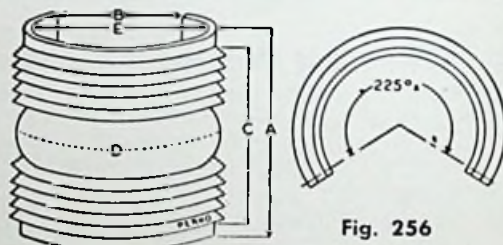


Fig. 256

	A In.	B In.	C In.	D In.	E In.	Clear Each	Colored Each
Class 2	4 1/4	3 3/8	3 3/8	8 3/8	3 3/4	\$4.00	
Class 3	5 1/8	3 1/4	4 1/2	10 1/8	4	5.00	
No. 0	5 1/2	4	5	12 3/8	4 3/8	12.50	\$23.60
No. 1	6 3/4	4	6	12 1/2	4 1/2	16.00	27.00
No. 2	7 1/2	5 3/8	6 3/4	16 3/8	6 1/2	24.00	34.00
No. 3	8 1/2	6 3/8	7 3/8	18 3/8	7 3/4	28.00	38.75

Colors are red, green or amber.

Size No. 3 not available in amber.

FOR STERN LIGHTS—135 DEGREES

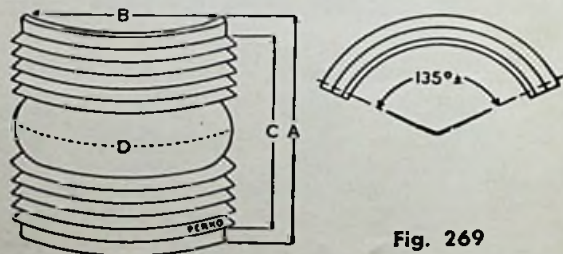


Fig. 269

	A In.	B In.	C In.	D In.	Clear Each	Colored Each
Class 2	4 1/4	3 3/8	3 3/8	4 3/8	\$3.45	\$ 7.00*
Class 3	5 1/8	3 5/8	4 1/2	6	7.00	9.00*
No. 0	5 1/2	4 3/8	4 3/8	7 1/2	10.50	13.25
No. 1	6 3/4	4 3/8	6 1/8	7 1/2	12.50	14.25
No. 2	7 1/2	6 3/8	6 3/4	10	14.50	23.00
No. 3	8 1/2	7 3/8	7 3/4	11 1/4	17.50	26.00

Colors are red, green, blue or amber.

Size No. 0 not available in blue.

Size No. 3 not available in amber.

*Amber color only

DIMENSIONS SUBJECT TO GOVERNMENT STANDARD TOLERANCES—PLUS OR MINUS

FRESNEL GLOBES

FOR POLE, MAST AND STERN LIGHTS

FIG.	Clear Each	Red Each	Green Each	Blue Each	Amber Each
604	\$1.00	\$2.00	\$2.00		
247	1.00				
248-P	1.00				
249	3.00				
250	2.25	2.75	2.75		
251		2.75	2.75	2.50	\$2.50
281-P	.75				

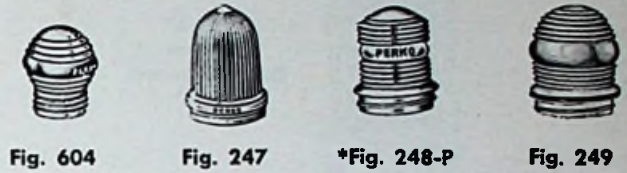


FIG.	Outside Diam. Inches	Height Overall Inches	Diam. Opening Inches	Diam. Thread Inches	Weight Ounces Each
604	1½	1¾	1½	1½	1¼
247	1¾	2¾	1½	2	3
248-P	1¾	2½	1½	2	1½
249	3	3¾	2½	2¾	10
250	2½	2¾	1½	2	6
251	3	3	1½	2	7
281-P	2¾	1¾	1½		1



Figs. 247—248-P—250 and 251 for Light Figs. 41, 48, 329, 330, 362, 371, 422, 428, 438, 455, 491, 605, 658, 660, 687, 1209, 1233.
 Fig. 249 for Light Figs. 103, 104.
 Fig. 281-P for Light Figs. 421, 1206.
 Fig. 604 HIGH INTENSITY for Light Figs. 404, 609.
 *Globes are high grade acrylic plastic.

Dome Light GLASSES

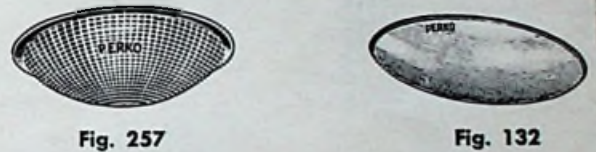
RIBBED DIFFUSING TYPE Fig. 257
 For Dome Lights, Figs. 294, 300, 308 and 555

FROSTED TYPE Fig. 132
 For Dome Lights, Figs. 296, 753.

Trade Size Inches	Each	Diam. Overall Inches	Depth Inches	Trade Size Inches	Each	Diam. Overall Inches	Depth Inches
3	\$1.50	2¾	¾	3	\$1.50	2¾	¾
4	2.00	4	¾	4	2.00	4	½
5	2.20	5	1½	5	2.20	5	¾
6	2.50	6	1½	6	2.50	6	¾
				8	3.25	7¾	¾

RIBBED OPAL TYPE Fig. 133
 For Dome Light Fig. 385.

Outside Diam. Inches	Each	Extreme Depth Inches
4¼	\$3.00	1½
5¾	3.50	1¾



GLOBES FOR INTERNATIONAL NAVIGATION LIGHTS
 Acrylic Plastic

Fig. 74-P for S.S. Lights, Figs. 962, 963, etc.

Each	Height Inches	Inside Diameter Inches	Weight Ounces
\$.60	1¼	1¾	½

Clear, Red or Green.

Each	Height Inches	Inside Diameter Inches	Weight Ounces
\$.75	2¼	1½	¾

Clear, Red, Green or Amber

NOTE—Spare gaskets for above mast light globes, \$.20 each.
 Spare gaskets for above dome glasses and globes, \$.30 each.

MAST LIGHT GLOBES — Figs. 77 & 106
 With Threaded Base

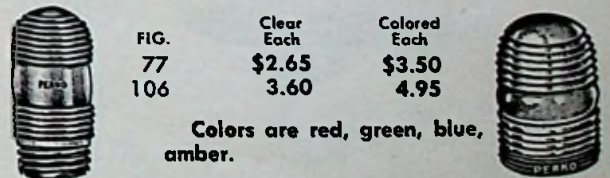


FIG.	Clear Each	Colored Each
77	\$2.65	\$3.50
106	3.60	4.95

Colors are red, green, blue, amber.

FIG.	Outside Diam. Inches	Height Overall Inches	Diam. Opening Inches	Diam. Thread Inches	Weight Pounds
77	2¾	5½	1½	2¾	½
106	3½	5	2¾	3¾	1¼

Fig. 77 not available in amber or blue
 Fig. 77 for Figs. 488 and 489.
 Fig. 106 for Figs. 83, 112, 113, 145, 309, 1163, 540, 541, 542.

ALL ILLUSTRATIONS

SHOW ACTUAL SIZE OF BASE



Fig. 337 Bayonet Double Contact (D. C.)



Fig. 56 Miniature Bayonet



Fig. 53 Miniature Screw



Fig. 340 Medium Screw



Fig. 57 Candelabra Screw



Fig. 532 Mogul

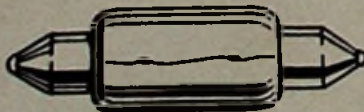


Fig. 70 Cartridge Type

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	\$2.40	
3—	6-8	3			3/4	.23	
4—	6-8	6			3/4	.23	
5—	6-8	15			1	.35	
8—	* 6-8	50			1-3/8	.60	
9—	* 6-8	100			2-1/16	2.10	
10—	12-16	4			3/4	.20	
11—	12-16	6			3/4	.23	
12—	12-16	15			1	.35	
13—	12-16	21			1	.38	
14—	*12-16	32			1-3/8	.60	
15—	*12-16	50			1-3/8	.85	
16—	*12-16	100			2-1/16	2.10	
16-A—	*24	115			2-1/16	2.10	
17—	32	3			3/4	.62	
18—	32	6			1	.70	
19—	32	15			1	.82	
20—	*32	50			1-3/8	1.60	
21—	*32	225	3.5		2-1/16	2.25	
23—	120			10	7/8	.50	

Packed 10 Lamps to a box

FIG. 53 MINIATURE SCREW BASE

1—	1.35	.06	3/8	.42
2—	6	.04	9/16	.35

FIG. 56 MINIATURE BAYONET BASE

1—	1.3	.1	7/16	.32
3—	12	2	9/16	.18
4—	12	3	13/32	.20

FIG. 57 CANDELABRA SCREW BASE

1—	120	15	7/8	.90
----	-----	----	-----	-----

FIG. 340 MEDIUM SCREW BASE

4—	* 6-8	18	108	3-1/8	8.75	
5—	12		15	2-1/8	1.35	\$1.15
6—	12		25	2-3/8		1.05
7—	12		50	2-5/8		1.15
8—	*12-18	18	216	3-1/8	9.75	
9—	*24		150	3-1/8	10.50	
10—	32		15	1-3/8	1.60	
11—	32		15	2-1/8	1.10	.90
12—	32		25	2-3/8		.75
13—	32		50	2-5/8		.75
14—	*32	8	256	3-1/8	10.50	
17—	120		50	2-3/8	.65	
19—	120		100	2-3/8	.65	
20—	*120		500	2-1/2	15.75	

FIG. 532 MOGUL SCREW BASE

1—	120	Double Filament	50-50	3-1/8	8.50
2—	120	Double Filament	100-100	3-1/8	8.50
3—	*120	Single Filament	1000	2-1/8	15.75

FIG. 70 CARTRIDGE TYPE BASE

0—	12	6	.74	17/32 x 1-3/4	.50
1—	12	15	1.17	17/32 x 1-3/4	.50

*High Power Lamps with concentrated filament, used in searchlights.

UNIVERSAL WALL OIL LAMP — Fig. 312
Tin Plate or Brass

Has polished reflector and gives excellent illumination. Uses No. 2 size wick. Tin lamp is painted black.

Tin Each	Polished Brass Each	Spare Chimneys Each	Spare Burners Each	Height of Back Inches	Diam. of Fount Inches	Weight Pounds
\$4.50	\$9.00	\$1.30	\$1.00	9	5	1½



Fig. 312

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	\$15.25	\$17.75	9	5	½	19



Fig. 168

NEWPORT CABIN OIL LAMP — Fig. 141
Double Swing—Weighted Base—All Brass

This lamp is of very sturdy construction, refined appearance and minimum practical extension from wall. Diameter of wall plate 2½ inches.

No.	Polished Brass Each	Chromium Plated Each	Overall Height Inches	Extension Inches	Capacity Fount Pints	Weight Pounds
1	\$18.00	\$19.75	10½	5½	1	1¾
2	18.75	20.50	12½	6	1¼	2



Fig. 128



Fig. 141

SMOKE BELL AND ARM — Fig. 128
All Brass

No.	Polished Brass Each	Chromium Plated Each	Diam. Bell Inches	Extension to Center Inches	Weight Ounces
0	\$4.00	\$5.25	3½	3½	3½
1	4.00	5.25	4	3¾	4
2	4.00	5.25	4	4	4

No. 0 size is for lamp Fig. 168.

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



Fig. 1087
Ceiling Type



Fig. 1090
Bulkhead Type

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	\$17.75	60 to 100	4
1090	Keyless	17.75	60 to 100	4½

Spare Guards, \$6.00 Each. Spare Globes, \$1.50 Each

Above fixtures have one ½ inch I.P.S. tapping. Extra tapping \$.50 per hole.

SPARE PARTS FOR CABIN LAMPS

No.	Each
0 and 1 Spare Burners Fig. 231	\$1.00
0 and 1 Spare Chimneys Fig. 230	.85
2 Spare Burners Fig. 242 No. 2	2.90
2 Spare Chimneys Fig. 267 No. 2	1.38

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



Fig. 217—Zamak
Fig. 450—Bronze



Fig. 1295



Fig. 225



Fig. 1237



Fig. 1219



For Hanging Bulb
Fig. 27



For Upright Bulb
Fig. 28

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		\$2.25	2½x2¼	2½	8
450	\$5.20	5.60	2½x2¼	2½	11

Spare socket with switch, \$.95 each.



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
\$2.75	2½x2¼	2¼	2½	8½

Spare socket with switch \$.95 each.

Spare power receptacle \$.40 each.



UPRIGHT PATTERN — Fig. 225 Zamak Die Casting—Chromium Plated—Turn Switch

Chromium Plated Each	Size Base Inches	Length Overall Inches	Projection Less Lamp Inches	Weight Ounces
\$3.95	3½x2½	5¾	2¾	10

Spare socket with switch, \$.95 each.



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
\$3.30	4½x1¾	4½	2¾	6

Spare socket with switch, \$.95 each.



ELECTRIC CABIN FIXTURE — Fig. 1219 Zamak Die Casting—Chromium Plated—Turn Switch

Each	Base Dimensions Inches	Projection Less Lamp Inches	Weight Ounces
\$3.50	3¾ x 1½	2¾	6



MARINE SHIELDS FOR FIXTURES — Fig. 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
\$2.25	\$1.75	4¾	4¾	1½

ADJUSTABLE ELECTRIC BERTH LIGHT — Fig. 341
Anodized Aluminum with Satin Chrome Finish —
Push Switch in Wall Plate

Available with double contact or medium screw socket. Shade may be adjusted to any angle and locked into place. Provides directional illumination . . . ideal for use in the deck house to light desired areas without interfering with helmsman's vision.

No. 1 has double contact bayonet socket. No. 2 has medium screw socket.



Fig. 341

No.	Each	Height Overall Inches	Normal Projection Inches	Diameter Wall Plate Inches	Weight Ounces
1	\$7.50	5 1/2	4 1/4	3-5/16	5 1/2
2	9.00	7	4 3/4	3-5/16	7

*Sockets
#2 - #341-354*

#1 - #276-30

*#341 push switch
341/354*

NEW DOUBLE ADJUSTABLE ELECTRIC BERTH LIGHT — Fig. 354
Anodized Aluminum with Satin Chrome Finish.

For ship and shore current. Has two medium screw sockets. Shades are adjustable to any angle. Has two push switches, one for each socket.



Fig. 354

Each	Height Overall Inches	Normal Projection Inches	Diameter Wall Plate Inches	Weight Ounces
\$13.50	7	4 3/4	3 5/8	13

*#341 sockets
#341 push switch
341/354*

TEAR-DROP FIXTURE — Fig. 301
Chromium Plated—Double Contact Socket—Turn Switch

Complete Each	Spare Globe Each	Spare Socket Each	Spare Bulb Each	Overall Size Inches	Depth Inches	Weight Ounces
\$6.80	\$1.00	\$0.50	\$0.40	5x3	1 1/4	11

Spare Switches, \$.90 each. Spare Gaskets, \$.30 each.



Front View



Side View

Fig. 301

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.

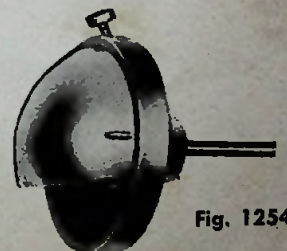


Fig. 1254

Each	Diameter Overall Inches	Length Neck Inches	O.D. Neck Inches	Weight Ounces
\$3.25	2 5/8	3/4	7/8	6

With 12 volt 15 C.P. bulb, \$3.50 Each



Fig. 308

FLUSH TYPE DOME LIGHTS — Fig. 308
Brass — Chromium Plated — With Switch
With Fig. 257 Glass — 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	\$5.75	4½	7
2	5	6.25	5½	9



Fig. 300

DOMES LIGHTS — Fig. 300
Brass — Chromium Plated — With Push Switch
With Fig. 257 Glass — Double Contact Socket

No.	Diameter Glass Inches	Each	Diameter Overall Inches	Depth Overall Inches	Weight Ounces
1	4	\$6.50	5½	1¾	9
2	5	7.20	6½	2	11



Fig. 294 Diffusing
 Fig. 296 Frosted

DOMES LIGHT — Figs. 294 & 296
Wrought Brass — Chromium Plated
Toggle Switch — Double Contact Socket

With Fig. 257 Diffusing Glass 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	\$ 9.00	\$ 8.00	4¼	2	6
2	4	10.25	9.25	5½	2¼	9
3	5	11.50	10.25	6½	2½	15
4	6	13.75	12.25	7½	2¾	20



Fig. 385

DOMES 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
7	\$12.75	6	4¼	2¾	12
8	13.00	7	5¼	2¾	15

With Fig. 346 Medium Screw Socket

9	\$13.50	7	5¼	2¾	16
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Bulb with medium screw base for this light, see Fig. 340.
 Spare globes, see Fig. 133.



Fig. 555

DOMES LIGHT — Fig. 555
Cast Bronze — Chromium Plated — Toggle Switch —
With Fig. 257 Diffusing Glass

Has Fig. 346 medium screw socket and will accommodate a 15-watt bulb, Fig. 340.

Each	Diam. Glass Inches	Diam. Base Inches	Depth Inches	Weight Pounds
\$26.00	6	7¾	3¾	3¾

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.



Fig. 753

No.	Chromium Plated Each	Diameter Base Inches	Diameter Glass Inches	Depth Overall Inches	Weight Pounds
1	\$32.25	9½	8	3	2
2	34.50	9½	8	3	2¼

*Socket
1303-1304 #2*
~~1303-1304~~
LENS #132-3" FROSTED
~~Toggle Switch~~
#745-2

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**

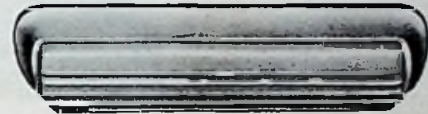


Fig. 761

Figs.	Length Overall Inches	Width Overall Inches	Depth Overall Inches	Weight Ounces
761	7	2¾	¾	2
763	6⅛	2¾	1⅛	2½

Fig. 761 Each	Fig. 763 Each
\$2.40	\$2.60



Fig. 763

WATERTIGHT DOME LIGHT — Fig. 1266

**Cast Bronze—Double Contact Socket—
Diffusing Globe**

For small boats. Will accommodate up to a 1⅜ inch diameter bulb. With nickel plated reflector, toggle switch and one packing gland for cable.



Fig. 1266

Plain Bronze Each	Polished Bronze Each	Chromium Plated Each	Extreme Diam. Inches	Diam. Globe Inches	Extreme Depth Inches	Weight Pounds
\$13.50	\$17.25	\$18.00	3½	3¼	2¾	1¾

Spare Sockets, \$.60 each. Spare Globes, \$1.00 each.
Extra packing glands installed, \$2.00 for each gland.



Fig. 626

FUSE PANELS — Fig. 626
Molded Plastic Base—Brass Parts
For 20 Amp. Glass Fuses

Number of Gangs	Each	Dimensions Inches	Weight Ounces
3	\$1.65	2 1/4 x 2 7/16 x 3/16	2
4	2.30	3 x 2 7/16 x 3/16	2 1/4
5	2.75	3 3/4 x 2 7/16 x 3/16	2 1/2
6	3.35	4 1/2 x 2 7/16 x 3/16	2 3/4

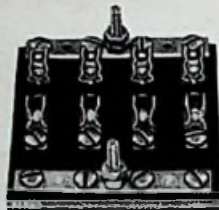


Fig. 647

COMBINATION FUSE AND TERMINAL BLOCK — Fig. 647
With Heavy Duty Binding Posts—Molded Plastic Base—
Brass Parts—For 20 Amp Glass Fuses

Number Of Gangs	Each	Dimensions Inches	Weight Ounces
4	\$ 6.30	3 x 3 5/16 x 3/16	3 1/2
6	8.65	4 1/2 x 3 5/16 x 3/16	5
8	11.00	6 x 3 5/16 x 3/16	7
12	15.75	9 x 3 5/16 x 3/16	11



Fig. 629

FUSE PANELS — Fig. 629
With Single Buss Bar—Molded Plastic Base—Brass Parts
—For 20 Amp Glass Fuses

Number Of Gangs	Each	Dimensions Inches	Weight Ounces
4	\$2.70	3 x 2 7/16 x 3/16	2
6	4.15	4 1/2 x 2 7/16 x 3/16	3
8	5.50	6 x 2 7/16 x 3/16	4
12	7.50	9 x 2 7/16 x 3/16	6 1/2



Fig. 694

FUSE PANEL — Fig. 694
Molded Plastic—Brass Metal Parts
For Glass Fuses up to 30 Amp
For two active fuses and one spare.

Each	Dimensions Inches	Length Fuse Inches	Weight Ounces
\$.90	2 7/16 x 1 1/2 x 3/16	1 1/4	1 1/2



Fig. 627

TERMINAL BLOCKS — Fig. 627
Molded Plastic Base—Brass Parts

Number of Gangs	Each	Dimensions Inches	Weight Ounces
2	\$1.00	1 1/2 x 1 1/2 x 3/16	1 1/4
4	1.95	3 x 1 1/2 x 3/16	2
6	2.95	4 1/2 x 1 1/2 x 3/16	2 1/4

Supplied in even number of gangs only.

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
\$18.25	6 1/2 x 4 1/4	10

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



Fig. 517



BACK VIEW OF IMPROVED PANEL

BLACK BAKELITE SWITCH NAME PLATES — Fig. 519
Engraved White Lettering

In addition to those illustrated, stock name plates are:

- | | | |
|--------------|----------------|----------------|
| Bow Light | Master | Spreader Light |
| Choke | Masthead Light | Stbd. Light |
| Deck Lights | Neutral | Starter |
| Fan | Off | Stern Light |
| Flood Lights | On | Switch |
| Forward | Panel Lights | Throttle |
| Fuel Pump | Pilot | Towing Lights |
| Heater | Port Light | Docking Light |
| Horn | Range Light | 6 Volt |
| Ignition | Reverse | 12 Volt |
| Lights | Siren | 32 Volt |
| Fuel | Tachometer | 110 Volt |

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

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



Fig. 519

SPECIAL BLACK BAKELITE SWITCH PANELS — Fig. 516
Engraved White Lettering—Chromium Plated Brass
Switches

We can supply special switch panels, with and without fuse holders such as 8, 12, 16 position etc. with any assortment of name plates engraved or blank for spares. Price on application and based on quantity required.

Minimum quantity, 25 panels, order must be accompanied by sketch.



Fig. 516



Fig. 518



Fig. 514

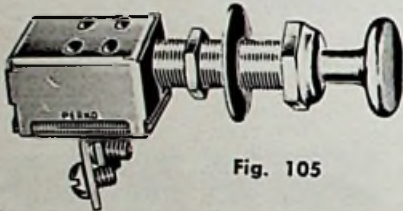


Fig. 105

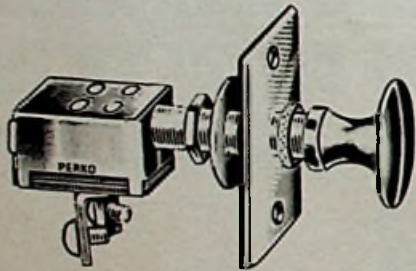


Fig. 216

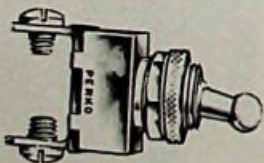


Fig. 688

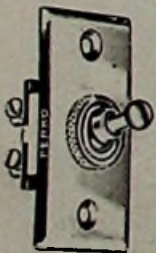


Fig. 718



Fig. 745

BLACK BAKELITE STARTER AND IGNITION PANEL — Fig. 518

Engraved White Lettering—Chromium Plated Brass Button and Switch—2 Point Push Button Starter Switch—Lock Type Ignition Switch with Two Keys

Complete Each	Length Inches	Width Inches	Weight Ounces
\$6.25	4½	2½	5

BLACK BAKELITE STARTER — IGNITION — LIGHTS PANEL — Fig. 514

Engraved White Lettering—Chromium Plated Brass Switches—2 Point Push Button Starter Switch—Lock Type Ignition with 2 Keys—Brass Toggle Light Switch

Complete Each	Length Inches	Width Inches	Weight Ounces
\$7.50	5	2½	8

SPARE PARTS

Ignition Switches, see Fig. 316.
Toggle Switches, see Fig. 745 No. 2
Starter Switches, see Fig. 255, all Brass.

PUSH AND PULL SWITCHES — Fig. 105

All Brass—¾ Inch Knob—20 Amp. 6 Volts

No.	Chromium Plated Each	Diam. Neck Inches	For Wood Thickness Inches	Length Overall Inches	Diam. Knob Inches	Weight Ounces
1	\$1.30	⅜	1	3	¾	2
2	1.40	⅜	1¼	3¼	¾	2½

PUSH AND PULL SWITCHES — Fig. 216

All Brass with Face Plate—¾ Inch Knob
20 Amp. 6 Volts

No.	Chromium Plated Each	Diam. Neck Inches	For Wood Thickness Inches	Diam. Knob Inches	Size Face Plate Inches	Weight Ounces
1	\$1.45	⅜	1	¾	1 ⅞ x 1	2½
2	1.55	⅜	1¼	¾	1 ⅞ x 1	3

TOGGLE SWITCH — Fig. 688

All Brass—Screw Posts—No Leads—30 Amp. 6 Volts

Nickel Plated Each	Length Neck Inches	Diam. Neck Inches	Weight Ounces
\$.85	⅜	⅜	1

TOGGLE SWITCH WITH FACE PLATE — Fig. 718

Brass with Bakelite Insulation—Screw Posts—No Leads
30 Amp. 6 Volts

Chromium Plated Each	Face Plate Inches	Weight Ounces
\$1.10	1 ⅞ x 1	¾

TOGGLE SWITCHES — Fig. 745

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

Nickel Plated Each	Length Neck Inches	Diam. Neck Inches	Between Lock Nuts Inches	Weight Ounces
\$.80	⅜	⅜	⅜	¾

With watertight cap and chain, add \$1.00 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.

Each	Diameter Neck Inches	For Wood Thickness Inches	Weight Ounces
\$1.55	$\frac{3}{8}$	1	2 $\frac{1}{2}$

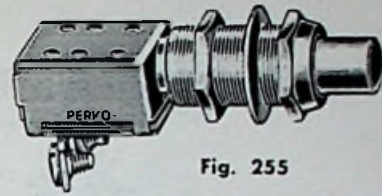


Fig. 255

IGNITION LOCK SWITCH — Fig. 316

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

No.	Each	Diameter Neck Inches	Length Neck Inches	Weight Ounces
1	\$2.50	$\frac{3}{4}$	$\frac{3}{4}$	4
2	3.30	$1\frac{1}{8}$	$1\frac{1}{8}$	4 $\frac{1}{2}$

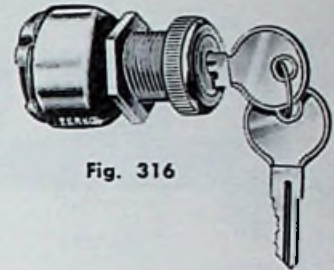


Fig. 316

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
\$3.75	$\frac{3}{4}$	$1\frac{1}{8}$	4 $\frac{1}{2}$

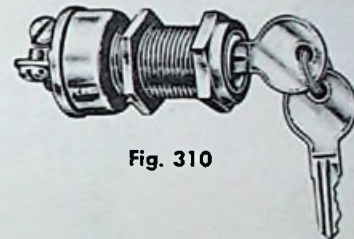


Fig. 310

3-POSITION PUSH-PULL SWITCH — Fig. 381

All Brass—3 Terminal— $\frac{3}{4}$ Inch Chromium Plated Knob

3 position switch—OFF - ON - ON

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

Each	Diam. Neck Inches	For Wood Thickness Inches	Length Overall Inches	Weight Ounces
\$1.85	$\frac{3}{8}$	1	3 $\frac{1}{2}$	3

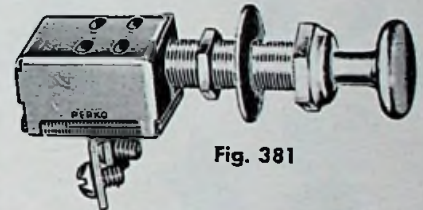


Fig. 381

3 POSITION — 2 CIRCUIT 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
\$1.90	$\frac{3}{8}$	$\frac{3}{4}$	1	3 $\frac{1}{4}$

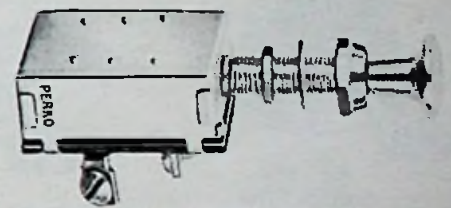


Fig. 321

IMPROVED SAFETY MAIN SWITCH — Fig. 85-A

Red Plastic Housing — Vapor Proof — Multiple Pole —
300 Amps — Improved Housing and Contacts —
For Use With Alternators or Generators

Heavy duty, and completely sealed, this non-corrosive switch eliminates the flashing arcs which are common in open type knife switches. Contacts are heavy gauge copper and springs, set screws, etc. are stainless steel. Snap action knob provides positive control. Used for connecting one or more batteries and shutting off electricity at the source. Supplied for flush mounting with battery cable passing through bulkhead.

Each	Diameter Inches	Depth Inches	Weight Ounces
\$12.50	4 $\frac{3}{4}$	1 $\frac{1}{8}$	5

If offset mounting is required, permitting cable to pass in back of housing, we supply a set of offset legs $\frac{1}{2}$ inch long. Per set \$.50.



Fig. 85-A

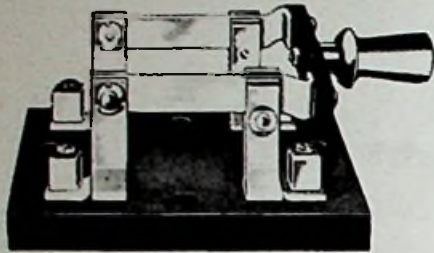


Fig. 191

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	\$ 5.40	60	6 $\frac{3}{4}$ x 1 $\frac{3}{8}$ x $\frac{3}{8}$	$\frac{3}{4}$
2	10.80	100	6 $\frac{3}{4}$ x 2 x $\frac{3}{4}$	2 $\frac{1}{2}$
3	18.00	200	10 x 3 x 1	4

SINGLE POLE—DOUBLE THROW

4	\$ 8.65	60	9 $\frac{1}{4}$ x 2 x $\frac{3}{4}$	3 $\frac{1}{2}$
5	19.75	100	10 x 3 x $\frac{3}{4}$	4
6	29.50	200	12 x 4 x 1	8

DOUBLE POLE—SINGLE THROW

7	\$ 8.40	60	6 x 4 $\frac{1}{2}$ x $\frac{3}{8}$	3
8	16.25	100	7 $\frac{1}{8}$ x 5 x $\frac{3}{4}$	3
9	27.50	200	9 $\frac{1}{2}$ x 6 x 1	10 $\frac{1}{4}$

DOUBLE POLE—DOUBLE THROW

10	\$12.85	60	9 $\frac{1}{2}$ x 6 x $\frac{3}{4}$	5 $\frac{1}{4}$
11	31.00	100	10 $\frac{1}{4}$ x 7 x $\frac{3}{4}$	8 $\frac{1}{2}$
12	43.50	200	15 x 7 $\frac{3}{4}$ x 1	16

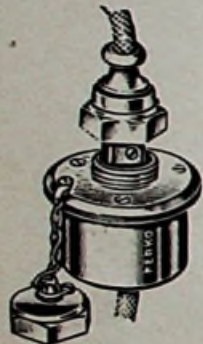


Fig. 969

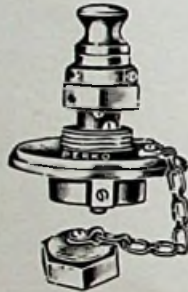


Fig. 968

RECEPTACLES AND PLUGS — Figs. 968, 969, 970 & 971
Yacht Size—Watertight—Cast Bronze Boxes
6 to 125 Volts

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

Complete With Plug Each	Plug Only Each	Diam. Plate Inches	Depth Inches	Weight Pounds
\$17.00	\$5.50	2 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{2}$



Fig. 971
Surface Type

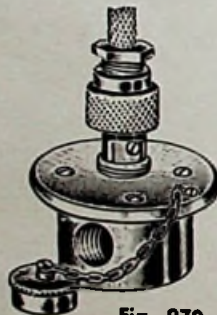


Fig. 970
Flush Type

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
\$20.25	\$5.50	2 $\frac{1}{4}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$	$\frac{3}{4}$

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
\$21.75	\$20.00	\$5.50	3 $\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{3}{4}$

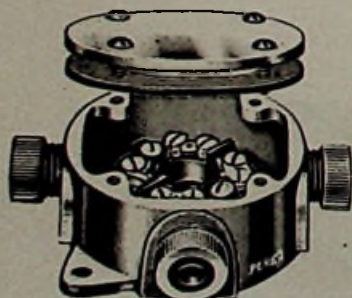


Fig. 1252

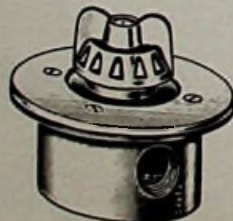


Fig. 974

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	\$16.25	\$15.25	4	3	1 $\frac{1}{2}$	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
\$11.00	\$2.35	3	1 $\frac{1}{8}$	1 $\frac{3}{4}$

NOTE: All boxes have one $\frac{1}{2}$ " I.P.S. Tapping. Extra tapings add \$.50 for each hole. Packing Glands for above, \$1.25 each. Chromium plated finish supplied to order, price on application

NEW WATERTIGHT DECK CONNECTION — Fig. 1189

Brass with 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
\$3.60	1 5/8	1 3/16	2



NEW 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 \$2.00



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
\$2.20	1 1/4



NEW WATERTIGHT CABLE OUTLET — Fig. 1191

Zamak — Chromium Plated

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

Each \$1.50



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
\$.60	2 1/4	3/4	3/4



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
\$2.15	2 1/2	1-11/16x1-3/16	1 3/4



Fig. 1189



Fig. 1190



Fig. 424



Fig. 1191



Fig. 786

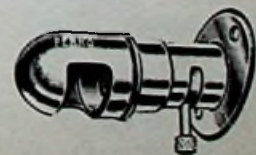


Fig. 184

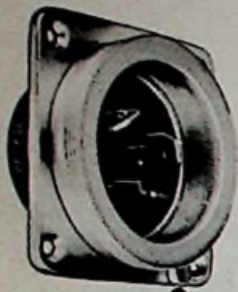


Fig. 1122
Ship Receptacle



Fig. 1123
Ship to Shore
Connector Body



Fig. 1124
Shore Plug to
Dock Receptacle

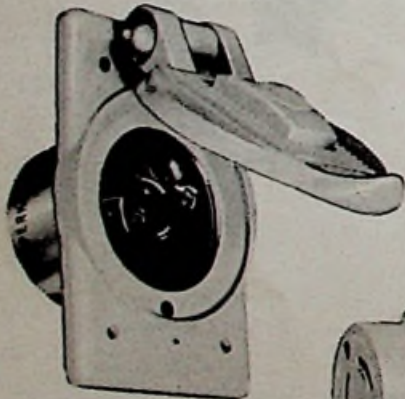


Fig. 1128
Ship Receptacle

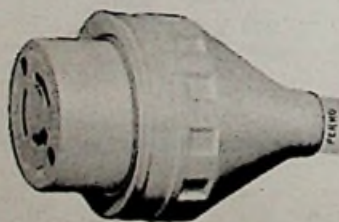


Fig. 1129
Ship to Shore
Connector Body



Fig. 1130
Shore Plug to
Dock Receptacle

DELUXE HEAVY DUTY SHIP TO SHORE ELECTRIC CONNECTOR

30 Amps — 125 Volts* — 3 Wire

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".

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 3/8".

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 3/8".

Figure	Each	Diameter Body Inches	Weight Ounces
1122	\$19.50	2	16
1123	10.35	1-13/16	8 1/2
1124	6.10	1- 7/8	7 1/2

SHIP TO SHORE ELECTRIC CONNECTOR WITH SNAP COVER

Heavy Duty — 20 Amps. — 125 Volts* — 3 Wire

Fig. 1128 Ship Receptacle — Made of sturdy, reinforced fiberglass, 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".

Fig. 1129 Connector Body — Female design eliminates handling dangerous "live" prongs. Yellow Neoprene body and covering serve as moisture proof gasket when locked into ship receptacle. Monel metal screws and contacts. Easily wired to screw terminals inside body. Cord grip adjustable from .437" to .750" cable diameter. Length overall is 3 3/8".

Fig. 1130 Shore Plug — Standard design fits conventional 3 wire grounded dockside receptacles. Embodies same high quality materials and fabrication as Fig. 1129 above. Length overall is 3 3/8".

Figure	Each	Diameter Body Inches	Weight Ounces
1128	\$12.60	2-1/16	10
1129	9.35	1-3/4	8 1/2
1130	7.10	1-3/4	7

* May also be used with 250 Volts.

ECONOMY SHIP TO SHORE ELECTRIC CONNECTOR

Heavy Duty — 20 Amps. — 125 Volts* — 3 Wire

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".

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".

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

Figure	Each	Diameter Overall Inches	Diameter Body Inches	Weight Ounces
1125	\$5.50	2 7/8	2- 1/16	7
1126	6.10	2 1/4	1-3/4	8
1127	4.40	2 1/4	1-13/16	6

* May also be used with 250 Volts.

Fig. 1125 Ship Receptacle

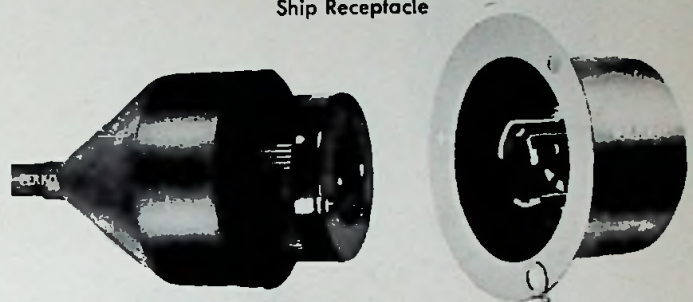


Fig. 1126 Ship to Shore Connector Body

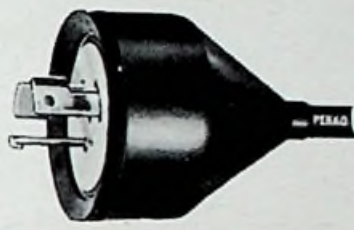


Fig. 1127 Shore Plug to Dock Receptacle



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 \$2.25



Fig. 1131 Duplex Wall Receptacle

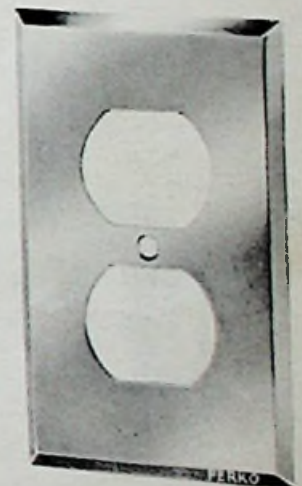


Fig. 1132 Cover Plate

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 \$.95

SHIP TO SHORE CONNECTOR — Fig. 72
110 Volts—25 Amps. All Metal Parts Are Brass

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

Complete Each	Diam. Base Overall Inches	Depth of Base Inches	Diam. Hole Required Inches	Weight Ounces
\$3.20	3 1/2	3/4	1 1/4	5

- Part A — Complete with Cap and Chain, each \$2.10
- Part B — Live Connector only, each \$.90
- Parts B and C — Connector with cover, each \$2.00
- Part C — Less Part B, each \$1.50
- Part A — only supplied complete as illustrated

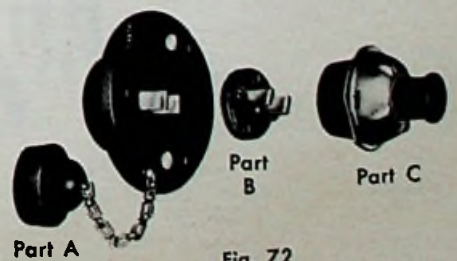


Fig. 72



Fig. 405



Fig. 276



Fig. 222



Fig. 346



Fig. 747



Fig. 52

ELECTRIC SOCKET ADAPTERS — Fig. 405
For Converting Various Types of Sockets

No.	Each
650—From Bayonet Dble. Contact to Med. Screw	\$1.00
670—From Med. Screw to Bayonet Dble. Contact	1.35
X12—From Mogul to Medium Screw	1.35



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	\$1.00	1 1/2	7
2	1.00	2	11
3	1.10	2 3/8	14
4	1.25	3	16



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	\$.90	\$.12	1 3/8	2 x 1 1/4	1 1/2



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	\$.70	1/8	1 3/8	1 3/8	1
2	.70	3/8	1 3/8	1 3/8	1



BAYONET DOUBLE CONTACT SOCKETS — Fig. 747
Brass Case—Hard Rubber Insulation

Each	Length Inches	Outside Diameter Inches	Weight Dozen Ounces
\$.90	1 1/8	1 1/16	6

Wires enter bottom, screws in side.



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
\$.50	1 1/16	7/8	1/2

This socket used with the following items:
Figs. 294-296-329-348-355-362-371-375-385, #7-404-422;
#1, #2-428-491-521-555-561-563; #1-980-984-1138-1139-1144-1282-1283. Also all International Lights such as Figs. 962, 910A and 1278 series.

NAVY STANDARD ELECTRIC SOCKETS — Fig. 15

Phenolic Insulation—Bronze Parts

Complies with Navy drawing 9-S-2036-L.

Each	Height Inches	Size Base Inches	Weight Dozen Ounces
\$1.75	1 1/8	1 x 1 1/2	12



Candelabra Screw
Fig. 15

BAYONET SOCKETS — Fig. 472

Phenolic—Single and Double Contact

No.	Each	Type	Height Inches	Diam. Base Inches	Weight Dozen Ounces
20	\$1.40	Double contact	1	1 3/8	9
21	1.40	Single contact			



Fig. 472

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
\$3.00	2 3/8	2 3/8	1 3/8	6

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



Fig. 270

PLASTIC CABLE STRAPS — Fig. 196

(Meets Military Spec. MIL-P-3412)

Made of pliable ethyl cellulose in clear amber color, 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".

Cable Diameter Inches	Per 100	Cable Diameter Inches	Per 100
3/16	\$2.75	1/2	\$4.00
1/4	2.95	5/8	5.00
5/16	3.20	3/4	5.95
3/8	3.40		

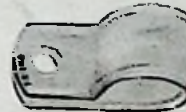


Fig. 196

BRASS CABLE STRAPS — Fig. 121

For Cable, Tubing, Control Wire, Etc.

Inside Diam. Inches	Per 100	Length Inches	Width Inches	Inside Diam. Inches	Per 100	Length Inches	Width Inches
1/8	\$2.85	1 1/8	1/2	1/8	\$4.10	1 3/8	1/2
3/16	3.15	1 3/8	1/2	1/4	4.45	1 1/2	1/2
1/4	3.45	1 5/8	1/2	3/8	5.25	1 3/4	1/2
5/16	3.45	1 3/4	1/2	1/2	5.80	1 7/8	1/2
3/8	3.80	1 7/8	1/2				

Supplied in boxes of 100 pieces.



Fig. 121

LINE SUPPORT CLIPS — Figs. 163, 164 & 165

Aluminum—Synthetic Rubber Cushion

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

For O.D. Line Inches	FIG. 163 Per 100	FIG. 164 Per 100	FIG. 165 Per 100	Width Inches
3/16	\$ 9.75	\$17.00		3/8
1/4	8.50	15.50		3/8
5/16	9.25	15.50	\$21.50	1/2
3/8	9.25	15.75	22.50	1/2
1/2	10.50	17.50	26.00	1/2

Supplied in Boxes of 100 Pieces



Fig. 163
Single



Fig. 164
Double



Fig. 165
Triple

4-WAY CONNECTOR FOR TRAILER LIGHTS — Fig. 739

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

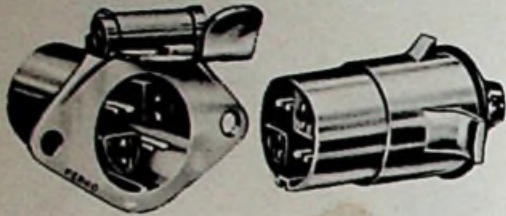


Fig. 739

Each	Length Overall Inches	Width Flange Inches	Weight Ounces
\$3.00	3 3/4	2 1/8	4 1/2

4-PRONG CONNECTOR — Fig. 751

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

Excellent for boat trailer electrical hookups.

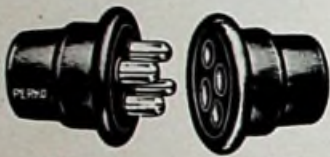


Fig. 751

Each	Length Overall Inches	Diameter Overall Inches
\$1.50	2	1 1/8

DOUBLE CONTACT CONNECTOR — Fig. 749

**Hard Rubber Insulation—Brass Contacts
Soft Rubber Waterproof Caps**



Fig. 749

Each	Size Inches	Weight Dozen Ounces
\$.85	1 1/8 x 2 1/2	10

MIDGET CONNECTOR — Fig. 26

Bakelite Body—Brass Contacts



Fig. 26

Each	Size Inches	Weight Dozen Ounces
\$1.50	3/8 x 1 3/8	6

Designed for use in limited space. Split pins insure a firm positive connection.

DOUBLE CONTACT CONNECTOR — Fig. 42

Hard Rubber Insulation—Brass Contacts

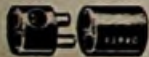


Fig. 42

Each	Size Inches	Weight Dozen Ounces
\$.75	1 x 3/8	6

BAYONET DOUBLE CONTACT PLUG — Fig. 746

Hard Rubber Plug—Soft Rubber Waterproof Cap

With flush type contact screws, used with sockets Figs. 276, 472, 747.



Fig. 746

Each	Length Inches	Diam. Inches	Weight Dozen Ounces
\$.50	1 1/2	1 1/8	8

BAYONET DOUBLE CONTACT ADAPTER — Fig. 355

Brass and Hard Rubber

For adapting oil fount to electricity. Screw adapter in place of oil burner and punch hole in bottom of fount for cable entrance.



Fig. 355

Each	Length Overall Inches	Diam. Thread Inches	Weight Dozen Ounces
\$1.20	1 1/4	3/8	8

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.

NEW DECK CONTROLLED SEARCHLIGHT — Fig. 538

With Switch in Head

12 Volts — 50,000 Beam C.P. — Range About ¼-Mile

Each	Diam. Lens Inches	Diam. Base Inches	Height Overall Inches	Weight Pounds
\$14.50	4 ½	3 ½	7 ½	1 ½



NEW DETACHABLE HEAD SEARCHLIGHTS — Fig. 539
 With Switch in Head

No. 1 —

12 Volts — 50,000 Beam C.P. — Range About ¼-Mile

No. 3 —

12 Volts — 250,000 Beam C.P. — Range About ⅝-Mile

No. 3 —

32 Volts — 260,000 Beam C.P. — Range About ¾-Mile

No.	12 Volt Each	32 Volt Each	Diam. Lens Inches	Weight Pounds
1	\$19.75		4 ½	1 ⅞
3	31.00	\$34.00	7	2 ½



IMPROVED HAND SEARCHLIGHTS — Fig. 440

Push Button Switch — 8 Feet Coiled Cord —

With Double Contact or Cigar Lighter Plug

No. 1 —

12 Volts — 50,000 Beam C.P. — Range About ¼-Mile

No. 3 —

12 Volts — 250,000 Beam C.P. — Range About ⅝-Mile

No. 3 —

32 Volts — 260,000 Beam C.P. — Range About ¾-Mile

No.	12 Volt Each	32 Volt Each	Diam. Lens Inches	Weight Pounds
1	\$18.50		4 ½	1 ¾
3	27.50	\$30.50	7	2 ¾

D. C. Socket for above, see Figs. 472, 1189 or 1190. Supplied with cigar lighter plug unless otherwise specified.



SPARE SEALED BEAM SPOTLIGHT UNITS — Fig. 433

No.	12 Volt Each	32 Volt Each	Diam. Lens Inches	Beam C.P.
1	\$3.75		4 ½	50M
2	6.00		6	200M
2		\$ 7.75	6	250M
3	6.25		7	250M
3		10.25	7	260M



Fig. 538



Fig. 539

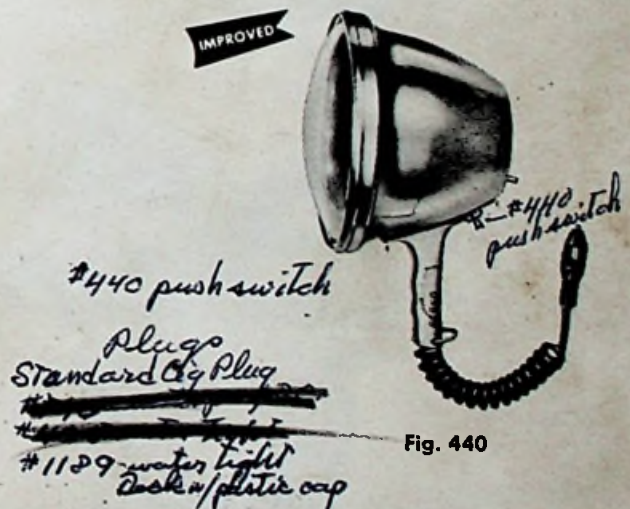


Fig. 440



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

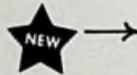
Size No. 2 — 12 Volts — 200,000 Beam Candlepower — Range About $\frac{1}{2}$ Mile.
Size No. 2 — 32 Volts — 250,000 Beam Candlepower — Range About $\frac{5}{8}$ Mile.
Size No. 3 — 12 Volts — 250,000 Beam Candlepower — Range About $\frac{5}{8}$ Mile.
Size No. 3 — 32 Volts — 260,000 Beam Candlepower — Range About $\frac{3}{4}$ 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	\$45.00	\$48.00	6	4 $\frac{7}{8}$ x 3 $\frac{1}{8}$ x 2	12	4 $\frac{5}{8}$
**3	45.00	48.00	7	4 $\frac{7}{8}$ x 3 $\frac{1}{8}$ x 2	12 $\frac{1}{2}$	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	\$55.00	\$58.00	6	4 $\frac{7}{8}$ x 3 $\frac{1}{8}$ x 2	12	5
**3	55.00	58.00	7	4 $\frac{7}{8}$ x 3 $\frac{1}{8}$ x 2	12 $\frac{1}{2}$	5 $\frac{1}{2}$



*Height is overall — from deck to top of head.
Length of control below base, 7 $\frac{1}{4}$ inches
Length of head overall, 6 inches
For special length of control, add \$18.50 each.

**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

Length of Control Cable Inches	12 Volt Each	32 Volt Each
36	\$58.00	\$61.00
48	59.50	62.50
60	61.00	64.00

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



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 \$2.00 per foot or fraction thereof. Maximum length for smooth operation is 12 feet. **See note on fig. 534.

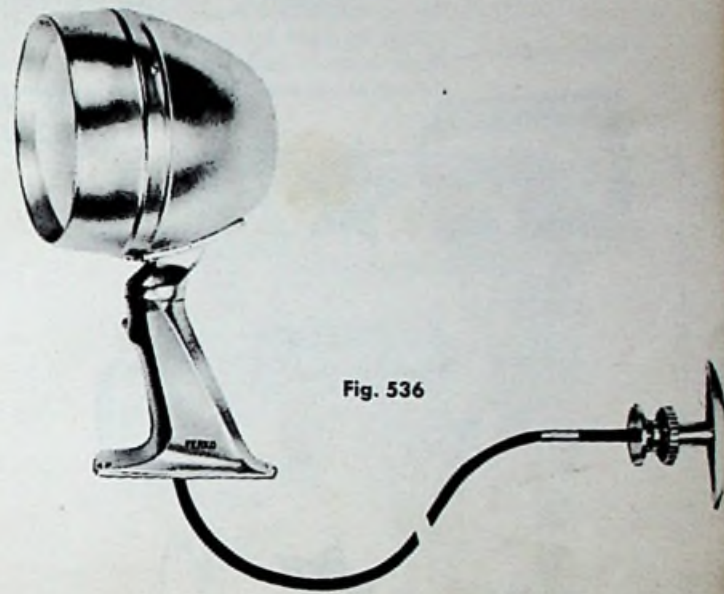


Fig. 536

FIXED REMOTE CONTROL — Fig. 537
For Mounting on Cabin Top — Operated Through Windshield or From Bridge

Supplied complete with one rod stanchion, windshield bearing and knob tightening device to hold head in position. Standard length of control rod is 48 inches.

12 Volt Each	32 Volt Each
\$66.00	\$69.00

No.	Nominal Diameter Inches	Dimensions Base Inches	*Height Above Deck Inches	Length Head Inches	Weight Pounds
2	6	4 7/8 x 3 1/8 x 2	12	6	6 1/2
**3	7	4 7/8 x 3 1/8 x 2	12 1/2	6	7



SPECIFY SIZE NO. WHEN ORDERING
*Height is overall — deck to top of head. Special lengths of control rod made to order add \$3.50 for each 12 inches or fraction thereof up to 12 feet. Extra rod stanchions, \$2.50 each. **See note on fig. 534. Spare Sealed Beam Units for Above, See Fig. 433.

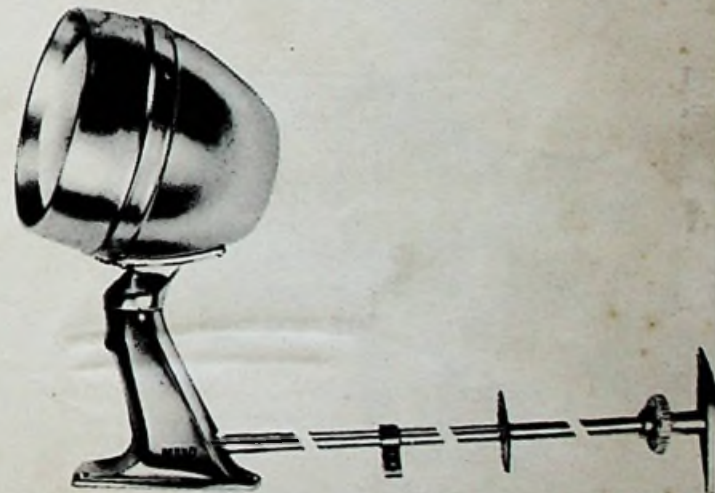


Fig. 537

NEW 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 $\frac{5}{8}$ Miles
32 Volts — 260,000 Beam Candlepower — Range About $\frac{3}{4}$ Miles

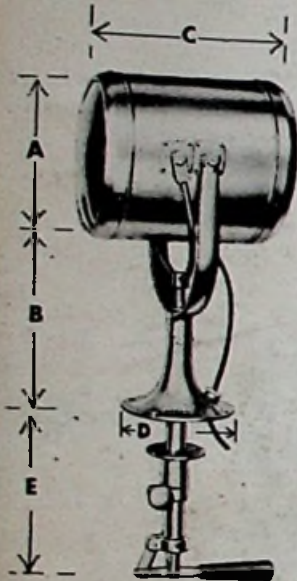


Fig. 305



Fig. 313



LEVER CONTROL — Fig. 305

WHEEL CONTROL — Fig. 313

Painted Gray Each	Polished Brass Each	Chromium Plated Each
\$125.00	\$125.00	\$142.00

"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. 227

FLOODLIGHT — Fig. 227
Weatherproof—With Mogul Socket

With polished spun aluminum reflector and heat resisting glass lens. Cast aluminum bracket, spun aluminum housing. For mounting on wall, cross arm or pipe up to 2 1/2 inches.

Each	Spare Lens Each	Spare Rims Each	Diam. Lens Inches	Length Housing Inches	Maximum Wattage	Weight Pounds
\$28.50	\$7.75	\$4.75	12	14	500	7



Fig. 228

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

PERKO HIGH POWERED DE LUXE SEARCHLIGHTS

**With Mirror Reflector—Medium Screw Socket—
6-12-24-32-120 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	\$235.00	\$262.00
10	262.00	290.00
12	325.00	355.00
14	383.00	413.00

WHEEL CONTROLLED SEARCHLIGHT

Fig. 529

Size Inches	Polished Brass Each	Chromium Plated Each
8	\$257.00	\$283.00
10	283.00	315.00
12	346.00	376.00
14	405.00	435.00

Above prices do not include bulb. See recommendations below.

Size Inches	Diameter Reflector Inches	* Range	* Beam Candle Power
8	8	up to ¼ mile	350,000
10	10	up to 1 mile	590,000
12	12	up to 1½ 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	12¾	7¾	19	6⅞	30
10	14¾	9½	21	6⅞	34
12	17	11¾	24	6⅞	41
14	19	13½	26	8⅞	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 6½ inches.

Fig. 297 with extra long control, add \$45.00 each.

Fig. 529 with extra long control, add \$65.00 each.

Spare medium screw sockets, \$1.20 each.

Spare mogul screw socket, \$1.75 each.

*Bulbs recommended for above Range and Beam Candle-power:

6 Volt—18 Amps.—Fig. 340 No. 4

12 Volt—18 Amps.—Fig. 340 No. 8

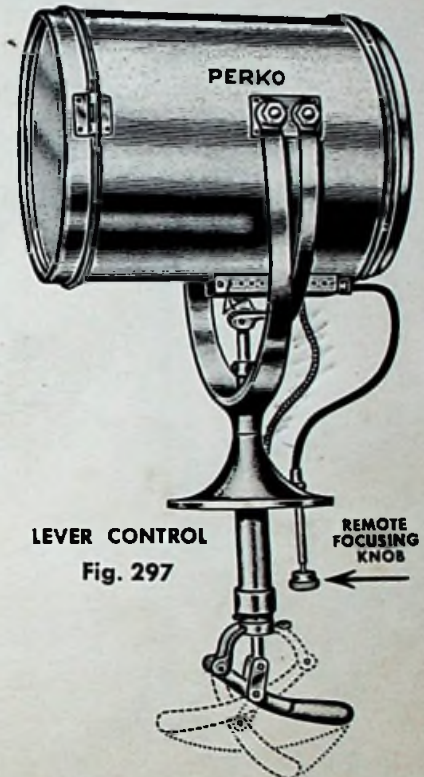
24 Volt—150 Watt—Fig. 340 No. 9

32 Volt—8 Amps.—Fig. 340 No. 14

120 Volt—500 Watt—Fig. 340 No. 20

**120 Volt—1000 Watt—Fig. 532 No. 3

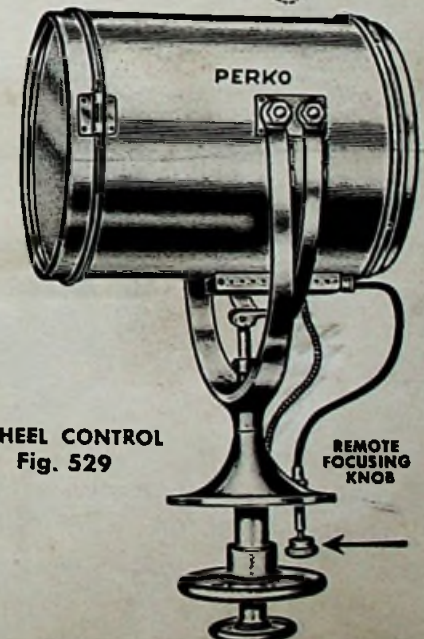
**12 and 14 inch sizes have dual ventilation as standard equipment. Supplied with mogul socket when specified. No extra charge.



LEVER CONTROL

Fig. 297

REMOTE FOCUSING KNOB



WHEEL CONTROL

Fig. 529

REMOTE FOCUSING KNOB

IF REMOTE FOCUSING DEVICE IS NOT REQUIRED, WE WILL SUPPLY WITH CONVENTIONAL TYPE UNDER SEARCHLIGHT HEAD, DEDUCT \$20.00 EACH.

PERKO "SOLAR-RAY" SEARCHLIGHTS

High Power — Mirror Reflector — 6-12-24-32-120 Volts —
 Heavy Gauge Brass Body — Cast Bronze Base and Parts —
 Waterproof Construction — Conventional Focusing Device

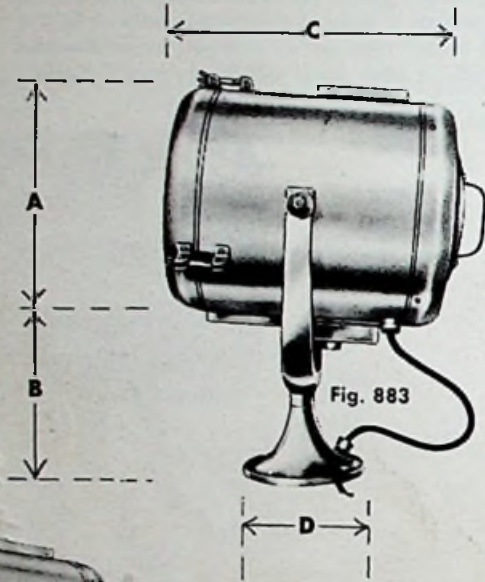


Fig. 883 DECK CONTROL

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1	\$ 145.00	\$145.00	\$175.00
2	195.00	195.00	225.00
3	257.00	257.00	297.00

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

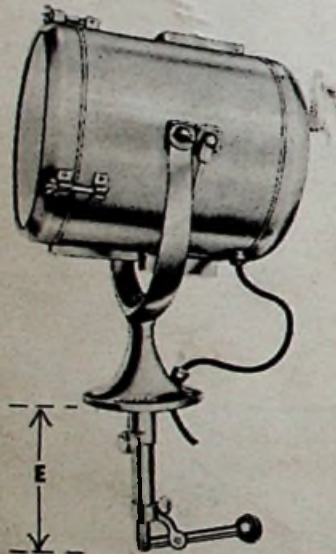


Fig. 884 LEVER CONTROL

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1	\$185.00	\$185.00	\$220.00
2	240.00	240.00	280.00
3	300.00	300.00	340.00

Dimensions And Weight

No.	Diam. Reflector Inches	"E" Inches	Weight Pounds
1	10 1/4	8 1/2	30
2	12	8 1/2	35
3	14	8 1/2	50

Other Dimensions see Fig. 883

Fig. 884

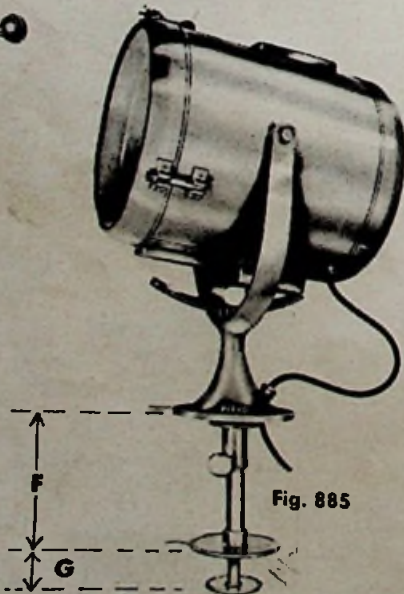


Fig. 885 WHEEL CONTROL

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1	\$185.00	\$185.00	\$220.00
2	240.00	240.00	280.00
3	300.00	300.00	340.00

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

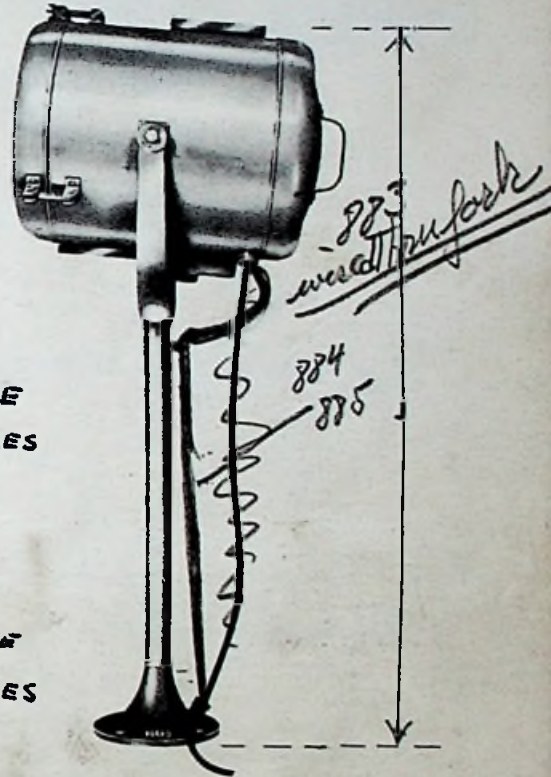
"SOLAR-RAY" SEARCHLIGHTS
With Medium or High Base

ALL SEARCHLIGHTS ON OPPOSITE PAGE CAN BE SUPPLIED PROMPTLY WITH MEDIUM OR HIGH BASE. TO SPECIFY ADD SUFFIX "M" OR "H" TO FIG. NO. OF TYPE REQUIRED.

FIG. 883-M			FIG. 883-H			
Painted Gray Each	Polished Brass Each	Chrome Plated Each	Painted Gray Each	Polished Brass Each	Chrome Plated Each	
1	\$175.00	\$175.00	\$205.00	\$205.00	\$250.00	- 1 HANDLE
2	225.00	225.00	255.00	255.00	305.00	
3	289.00	289.00	318.00	318.00	378.00	

FIG. 884-M			FIG. 884-H			
Painted Gray Each	Polished Brass Each	Chrome Plated Each	Painted Gray Each	Polished Brass Each	Chrome Plated Each	
1	\$215.00	\$215.00	\$245.00	\$245.00	\$295.00	- 1 HANDLE
2	273.00	273.00	302.00	302.00	358.00	
3	335.00	335.00	365.00	365.00	430.00	

FIG. 885-M			FIG. 885-H			
Painted Gray Each	Polished Brass Each	Chrome Plated Each	Painted Gray Each	Polished Brass Each	Chrome Plated Each	
1	\$215.00	\$215.00	\$245.00	\$245.00	\$295.00	- 1 HANDLE
2	273.00	273.00	302.00	302.00	358.00	
3	335.00	335.00	365.00	365.00	430.00	



No.	Diameter Reflector Inches	*Range	Beam *Candle Power
1	10	Up to 1 Mile	590,000
2	12	Up to 1 1/2 Miles	700,000
3	14	Up to 2 Miles	850,000

Medium Base—Suffix "M"
High Base—Suffix "H"

SPARE MEDIUM SCREW SOCKETS WITH MOUNTING BASE, SPECIFY FIG. 886, \$5.00 each

SPARE MOGUL SCREW SOCKETS WITH MOUNTING BASE, SPECIFY FIG. 887, \$5.00 each

Medium Base, J Dimension 32 Inches
High Base, J Dimension 54 Inches

*BULBS RECOMMENDED FOR RANGE AND CANDLEPOWER SHOWN.

- 6 Volt—18 Amp.—Fig. 340 No. 4
- 12 Volt—18 Amp.—Fig. 340 No. 8
- 24 Volt—150 Watt—Fig. 340 No. 9
- 32 Volt—8 Amp. Fig. 340 No. 14
- 120 Volt—500 Watt—Fig. 340 No. 20
- **120 Volt—1000 Watt—Fig. 532 No. 3

**12 AND 14 INCH SIZES HAVE DUAL VENTILATION AS STANDARD EQUIPMENT. SUPPLIED WITH MOGUL SOCKET WHEN SPECIFIED. NO EXTRA CHARGE.

ON PAINTED SEARCHLIGHTS, THE CONTROLS BELOW THE BASE HAVE BRUSHED BRASS FINISH. NOT PAINTED.

FOR SPECIAL LENGTH CONTROLS
\$6.00 set up charge plus \$0.40 per inch for each inch over standard length.

FOR SPECIAL OVERALL HEIGHTS (Dimension J) OTHER THAN THOSE SHOWN ABOVE
For special heights above standard but lower than medium, use medium base price. For special heights between medium and high, use high base price.

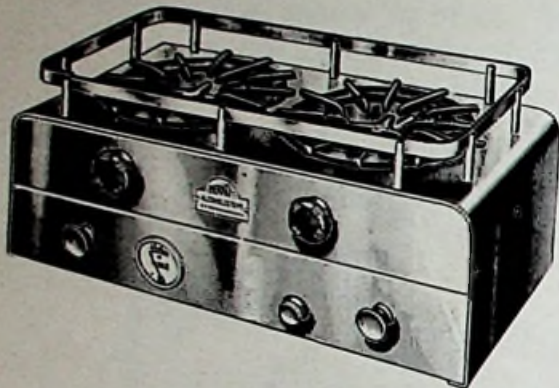


Fig. 364

PERKO STAINLESS STEEL ALCOHOL STOVE — Fig. 364
2 Burner Pressure Type — Removable Tray — Stainless Steel Body and Tray — Satin Finish — Cast Bronze Burners — Chromium Plated Guard Rail

Burners are made with slotted manifold and produce intense heat. Readily removable tray is an integral part of the front apron. It is easily cleaned and will not rattle. Sheet asbestos is affixed to the bottom of tray to insulate fuel tank from heat. Will not slide out when boat is heeled. Front section of guard rail can be removed to accommodate large pots and pans. Easy-to-read and accurate air pressure gauge shows best working pressure. The knob on the all brass pressure pump locks and cannot back out under pressure. Filler cap and air escape valve are located inside of front apron and are readily accessible. Rectangular shaped fuel tank holds $1\frac{1}{8}$ gallons and is hidden by front apron. Using a good grade of "burning alcohol," both burners will operate for 14 hours on one gallon of fuel and one pound of pressure.

Complete Each	Extreme Length Inches	Extreme Width Inches	Extreme Height Inches	Weight Pounds
\$99.50	20½	12	8½	27

Above price includes a Fig. 365 funnel for filling.



ALCOHOL STOVE PARTS — Fig. 368

For Fig. 364

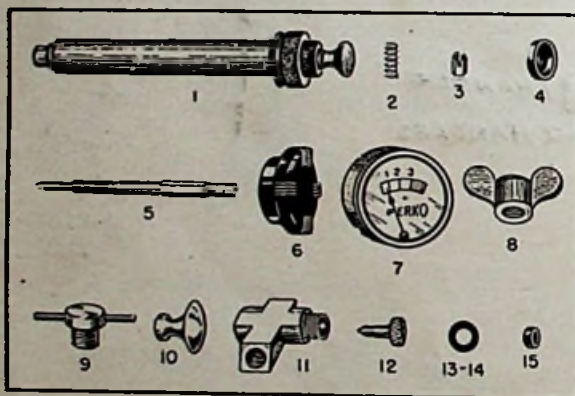


Fig. 368

No.	Each
1 Fuel Tank Air Pump complete	\$3.75
2 Pump Check Valve Spring	.40
3 Pump Check Valve	.60
4 Leather Plunger for Pump	.40
5 Needle Valve Stem	.85
6 Plastic Control Knob	1.00
7 Air Pressure Gauge	3.00
8 Wing Nut for Filter Entrance	.85
9 Filler Cap for Fuel Tank	1.25
10 Knob for Removable Tray	.85
11 Fitting for Fuel Supply Line	1.20
12 Screw for Air Escape Valve	.40
13 Lead Gasket for Wing Nut No. 8	.30
14 Corprene Gasket for Filler Cap No. 9	.30
15 Graphite Packing for Valve Stem	.12



Fig. 367

PERKO ALCOHOL BURNER — Fig. 367

Cast Bronze

	Each
Fig. 367 Burner for Stove Fig. 364	\$19.00
Wire Brush Filters Only	2.40
Priming Pan Only	1.50
Packing Nut for Valve Stem	.45
Grates only for Stove	2.40

PERKO STAINLESS STEEL BOTTLED GAS STOVE — Fig. 373

For use with Propane or Butane L.P. Gas — 2 Burners — Removable Tray — Easy-to-Clean Stainless Steel Body and Tray — Satin Finish — Cold Forged Aluminum Center Simmer Burners — Chromium Plated Brass Guard Rail and Posts — Black Plastic Control Knobs Handles and Tray

Easy-to-clean and economical to operate, this attractive Perko stove offers a host of important features. Each burner is two burners in one. The outer rim is a high speed cooking burner. In the center is a "simmer" burner which maintains the cooking and uses only a fraction of the gas consumed by ordinary single burners. This "simmer" burner can be used independently of the starting burner... an advantage no other type of burner offers. Every cooking requirement is fulfilled from the full fire power of the starting burner to the mere beads of flame of the "keep-warm" position of the center "simmer" burner. And all is controlled by a single knob. Cleaning is greatly simplified by the fact that the burner cap can be removed in less than one second.

Complete Each	Extreme Length Inches	Extreme Width Inches	Extreme Height Inches	Weight Pounds
\$86.00	20 3/4	12	8 1/2	25

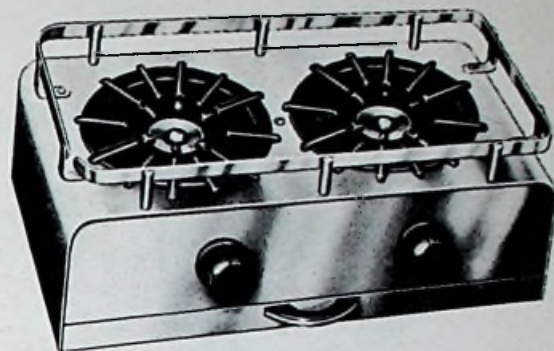


Fig. 373

BOTTLED GAS STOVE EQUIPMENT — Fig. 374

No.	Description	Each
1.	Forged Bronze Two Way Valve Manifold with Indicating Handle	\$ 6.50
2.	Pressure Regulator with Relief Valve and Mounting Brackets	11.00
3.	Pigtails (Tank Connections)	2.50
4.	Plug for Manifold	1.50
5.	1/4 Inch Copper 10 foot Vent Line with One Fitting	4.50
6.	1/2 Inch Copper 20 Foot Fuel Supply Line with Two Fittings	13.50

KIT NO. 1 FOR SINGLE TANK INSTALLATION
Consists of 1 each parts No. 2, 4, 5 and 6
Per Kit\$29.50

KIT NO. 2 FOR DUAL TANK INSTALLATION
Consists of 1 each of parts No. 1, 2, 5, and 6
and 2 each of parts No. 3 Per Kit\$39.50

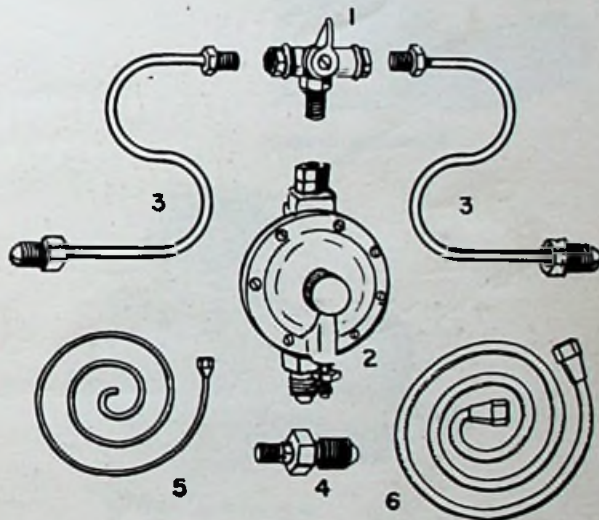


Fig. 374

POT HOLDERS — Fig. 369
All Brass—Chromium Plated

Made for Figs. 364 and 373 stoves. Adjustable on the stove for various sizes of pots, pans, etc.

Per Pair	Length Centers of Rail Inches	Weight Per Pair Ounces
\$4.50	10 1/2	8



Fig. 369

OFFSET FUNNEL — Fig. 365
Heavy Gauge Zinc—Brass Strainer

In addition to filling stoves, this funnel is handy for many purposes on the boat or at home.

Each	Capacity Ounces	Diam. Mouth Inches	Diam. Spout Inches	Weight Ounces
\$3.00	3	3	3/4	2



Fig. 365

MARINE EXHAUST BLOWERS—Fig. 778

White Delrin Impeller—Heavier Duty Motor—Quiet Operation

For removing dangerous gasoline fumes from the bilge and engine room, exhausting excess heat and cooking odors from the galley. Getting rid of foul air or odors from cargo holds and bilges.

An absolute necessity to the motor boat because their use decreases the hazard of fires and explosions from gasoline fumes.

Size No. 1 has Zamak Housing, White Enamelled Over Zinc Chromate

Size No. 2 has Cast Aluminum Housing.

Mounting bracket illustrated is for size No. 1 only.

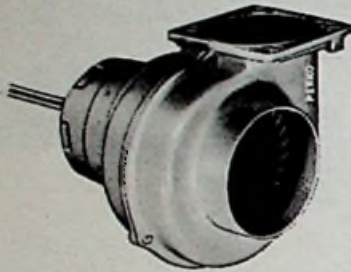


Fig. 778



Mounting Bracket

No.	Size Intake Inches	Size Outlet Inches	Dimensions Overall Inches	Capacity Cubic Feet Per Minute	Size Flange Inches
1	3	2 1/2	6 1/2 x 6 x 5	170	3 x 3
2	4	3 3/4	7 x 8 x 7	226	4 3/4 x 4 3/8

No.	12 Volts Each	32 Volts Each	Weight Pounds
1	\$17.50	\$19.50	3 1/2
2	32.50	34.00	6 1/2



EXHAUST BLOWERS FOR BILGE INSTALLATION—Fig. 791

Fully Enclosed Motor—White Delrin Impeller—Heavier Duty Motor—Quiet Operation

Motor enclosed in Zamak Housing. Shaft passes through a Neoprene seal and electric cable passes through a waterproof rubber gland.

Size No. 1 has Zamak Housing, White Enamelled Over Zinc Chromate.

Size No. 2 has Cast Aluminum Housing.

Mounting bracket illustrated is for size No. 1 only.

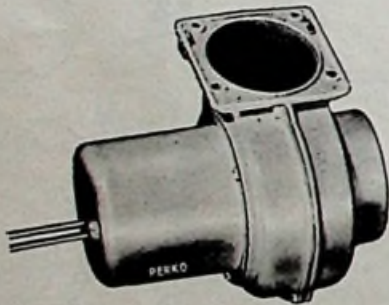


Fig. 791

No.	Size Intake Inches	Size Outlet Inches	Dimensions Overall Inches	Capacity Cubic Feet Per Minute	Flange Inches
1	3	2 1/2	7 1/2 x 6 x 5	170	3 x 3
2	4	3 3/4	8 x 8 x 7	226	4 3/4 x 4 3/8

No.	12 Volts Each	32 Volts Each	Weight Pounds
1	\$19.00	\$21.00	3 3/4
2	34.00	35.50	6 3/4



BLOWER AND IGNITION SWITCH—Fig. 193

Red Plastic Housing—Vapor Proof—Multiple Pole

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.



Fig. 193

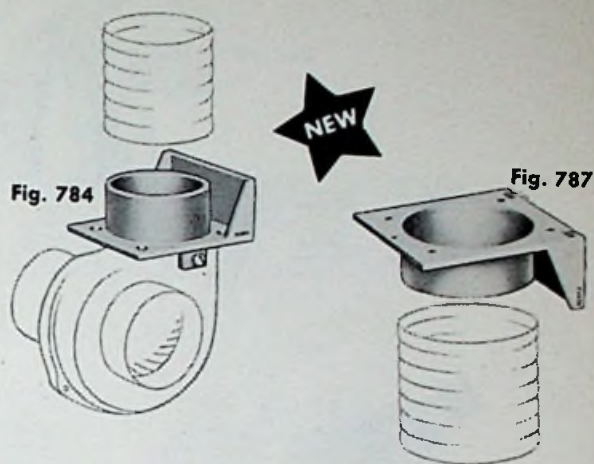
Each	Diameter Inches	Depth Inches	Weight Ounces
\$12.50	4 3/4	1 1/2	5

**NEW MOUNTING ADAPTERS
FOR EXHAUST DUCT — Figs. 784 & 787**
Zamak Die Casting — White Enamelled

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	Ounces Weight
\$2.00	3 3/4 x 3 1/2 x 1 1/8	14



NEW FLEXIBLE EXHAUST DUCT — Fig. 789
3 Inch Inside Diameter to Fit Perko
Size No. 1 Blowers

Spiral wire winding retains full diameter when duct is shaped to various angles.

4 1/2 Foot Lengths (20 per Carton) \$4.25 each
9 Foot Lengths (10 per Carton) \$8.25 each

Shipped only in full cartons.



NEW SHELL TYPE VENTILATORS
Zamak Die Castings — Chromium Plated

Length Inches	Width Inches	Opening Inches	For Duct Inches	Approx. Weight Ounces
5	3 7/8	3 1/2 x 2	3	16

Fig. 866 has base drilled and tapped for three 12-24 screws. \$2.00 each.

Fig. 867 has three studs 12-24 x 1 1/2 inches long. Nuts and washers included. \$2.75 each.

Fig. 868 has base drilled and tapped for three 12-24 screws. With neck for exhaust duct. Screen in neck. \$3.00 each.

Fig. 869 has three studs 12-24 x 1 1/2 inches long. With neck for exhaust duct. Screen in neck. Nuts and washers included. \$3.80 each.

Fig. 870 has flange on front and hole in rear for No. 10 wood screw mounting. With neck for exhaust duct. Screen in neck. \$3.35 each.

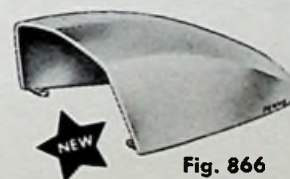


Fig. 866

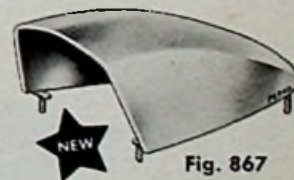


Fig. 867

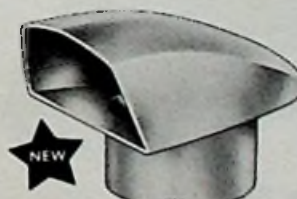


Fig. 868



Fig. 869



Fig. 870



Fig. 315

MIDGET CLAM SHELL VENTILATOR — Fig. 315
 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 Ounces
1	\$.45	1 5/8 x 1 1/2	7/16	1/2
2	.55	2 x 2	9/16	1 1/4


CLAM SHELL VENTILATOR — Fig. 339

Brass — Chromium Plated

Beautifully styled to enhance the appearance of any boat. Bored and countersunk for No. 6 screw.



Fig. 339

Each	Width Opening Inches	Height Opening Inches	Base Dimensions Inches	Weight Ounces
\$2.80	2 1/2	1 5/8	4 x 3 3/4	5


CLAM SHELL VENTILATORS — Fig. 323

Cast Bronze



Fig. 323

No.	Chromium Plated Each	Width Opening Inches	Height Opening Inches	Size Base Inches	For Screw No.	Weight Ounces
4	\$3.95	2 5/8	1 1/2	3 1/2 x 3 1/4	7	10
5	\$5.75	3 1/2	2	3 7/8 x 3 1/2	7	13


STREAMLINE VENTILATORS — Fig. 324

Cast Bronze



Fig. 324

No.	Chromium Plated Each	Width Opening Inches	Height Opening Inches	Size Base Inches	For Screw No.	Weight Ounces
2	\$3.50	1 3/4	1	2 5/8 x 3 3/8	7	6
3	5.15	2 7/8	1 5/8	3 5/8 x 4 3/4	7	12


DECK VENTILATOR — Fig. 931

Cast Bronze — Chromium Plated

A very handsome and practical fitting.



Fig. 931

Each	Extreme Length Inches	Extreme Width Inches	Opening Inches	Weight Pounds
\$12.50	8 3/4	5 1/2	5 1/4 x 1	2 1/2


FIBRE GLASS VENTILATORS — FIG. 338

Lustrous White Outside Finish

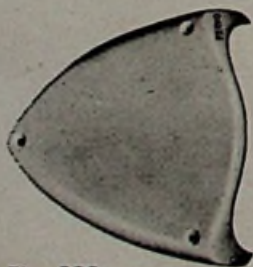


Fig. 338

No.	Each	Length Overall Inches	Width Overall Inches	Weight Ounces
1	\$5.50	6 3/4	5 1/2	3 1/2
2	7.25	7 1/2	7 1/8	4 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	\$6.75	8	3	2	6
984	2	7.25	10	3½	3	7½
980	1	8.00	13	3	2	8½
984	2	8.75	17	3½	3	10

Makes a very neat dual purpose installation. For details on light see Fig. 945 Stainless Steel International Light.

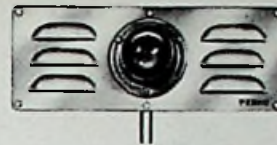


Fig. 980

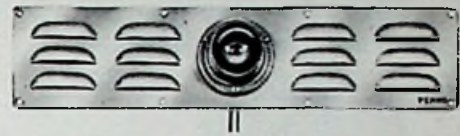


Fig. 984

STAINLESS STEEL LOUVRE VENTILATORS

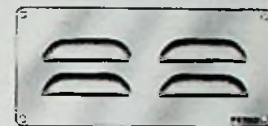
18-8 Alloy No. 304—Polished

Fig. 334

No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
2	\$1.35	3 x 2½	2	1
2-A	1.50	4 x 2½	3	1½
4	1.80	5 x 2½	2	2
4-A	2.00	7½ x 2½	3	2½
6	2.35	8 x 2½	2	3
6-A	2.60	11 x 2½	3	4

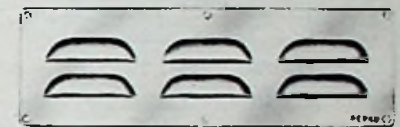


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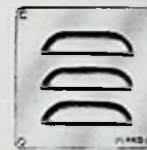


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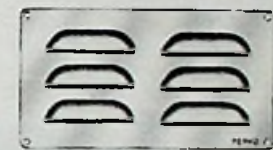
Fig. 334



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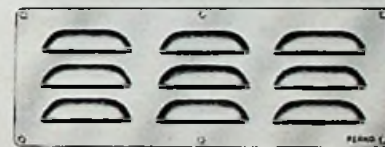


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Fig. 335



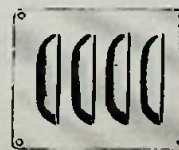
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Fig. 335

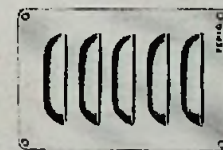
No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
3	\$1.60	3 x 3	2	1½
3-A	1.75	4 x 3½	3	2
6	2.20	5½ x 3	2	2½
6-A	2.40	7½ x 3½	3	3¼
9	2.90	8 x 3	2	3½
9-A	3.10	11 x 3½	3	4

Fig. 336

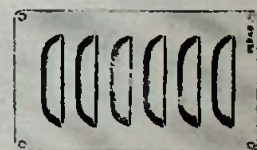
No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
4	\$1.85	3¾ x 3	2	1¾
4-A	2.00	4¼ x 4	3	2
5	2.20	4½ x 3	2	2
5-A	2.40	5¼ x 4	3	2¼
6	2.55	5¼ x 3	2	2½
6-A	2.75	6¼ x 4	3	3



#4



#5

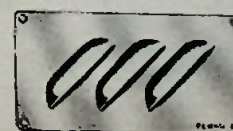


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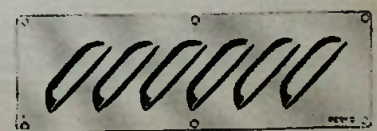
Fig. 336

ANGLE TYPE — Fig. 342

No.	Per Pair	Size Inches	Length Louvers Weight	Weight Pair Ounces
3	\$3.25	4½ x 2½	2	1¾
3-A	3.50	6 x 3	3	2¼
6	5.25	7½ x 2½	2	2¾
6-A	5.65	9½ x 3	3	3¼



#3



#6

Fig. 342

Fig. 342 Supplied In Pairs, Port And Starboard



Fig. 1069

JUNIOR TRANSOM VENTILATOR — Fig. 1069

Cast Bronze

Plain Bronze Each	Chromium Plated Each	Size Flange Inches	For Screw No.	Weight Pounds
\$2.10	\$3.85	6 1/2 x 2 1/8	6	1/2



Fig. 1062

SENIOR TRANSOM VENTILATOR — Fig. 1062

Cast Bronze

Plain Bronze Each	Chromium Plated Each	Dimensions Inches	For Screw No.	Weight Pounds
\$3.80	\$6.25	10x4	8	1



Fig. 550

TRANSOM OR LOCKER VENTILATOR — Fig. 550

Stamped Brass

Plain Each	Chromium Plated Each	Dimensions Inches	For Screw No.	Weight Ounces
\$1.50	\$2.00	6x2	8	3



IMPROVED

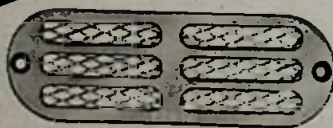


Fig. 1271

IMPROVED TRANSOM OR LOCKER VENTILATOR — Fig. 1271

Zamak Die Casting — Chromium Plated With Grill Type Screen

Each	Dimensions Inches	For Screw No.	Weight Ounces
\$1.30	6 x 2	8	3



NEW



Fig. 1238

NEW TRANSOM OR LOCKER VENTILATOR — Fig. 1238

Zamak Die Casting — Chromium Plated With Grill Type Screen

Each	Dimensions Inches	For Screw No.	Weight Ounces
\$1.20	8 3/8 x 2 1/4	8	3

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	Galv. Steel, ea.	Copper Each	Base Diameter Inches	Height Overall Inches	Galv. Weight Pounds
4	\$18.00	\$26.50	6	10 1/4	3 1/2
5	19.50	28.50	7	12 1/4	4 1/2
6	21.75	31.00	8	13 1/4	6
8	27.50		10	16 1/2	9



Fig. 748

TURBINE VENTILATORS — Fig. 744
For Marine Use — Improved Bearing Running in Oil — Galvanized Steel Or Copper

Inside Diam. Inches	Galv. Steel Each	Copper Each	Height Overall Inches	Diam. Overall Inches	Capacity C.F.M.	Galv. Weight Pounds
4	\$14.00	\$23.65	10	7	140	2 3/4
5	14.25	24.00	12	8 1/2	152	3 1/2
6	14.75	24.50	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.

Galvanized vents are painted aluminum.



Fig. 744

LOCKER VENTILATORS — Fig. 783
Cast Bronze

Plain Bronze Each	Polished Bronze Each	Chromium Plated Each	Diam. of Opening Inches	Size Plate Inches	Weight Pounds
\$5.50	\$7.25	\$8.25	1 1/2	2 1/2 x 2 1/2	1/2

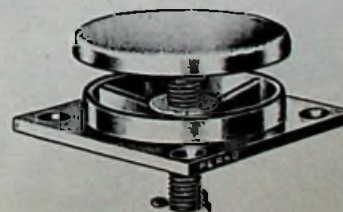


Fig. 783

COWL VENTILATORS — Fig. 510
Round Mouth — With Threaded Deck Plate —
Sheet Steel or Sheet Brass — Cast Bronze Deck Plate



Fig. 510

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	\$ 19.00	\$ 27.50	\$ 30.00	4	5½	1½
2½	20.50	30.25	33.00	5	6½	1¾
3	24.00	37.00	40.00	6	8	2½
4	32.00	47.00	51.00	8	11	4
5	41.00	60.00	64.50	10	13	6
6	61.00	96.00	102.00	12	16	9
8	84.00	160.00	194.00	16	21	15½



COWL VENTILATORS — Fig. 513
With Swivel Deck Plate — Sheet Steel Or Sheet Brass
Cast Bronze Deck Plate



Fig. 513

Deck Plate Size Inches	Galv. Each	Polished Brass Each	Chromium Plated Each	Diam. Mouth Inches	Height Overall Inches	Weight Pounds
3	\$ 21.50	\$ 39.50	\$ 45.00	6	8	2
4	28.50	48.00	54.00	8	12	3¾
5	36.00	58.00	64.50	10	13½	4¾
6	52.00	87.00	95.00	12	17½	7½
8	68.00	150.00	188.00	16	20½	11½
10	216.00			20	28	30

NOTE — 10 inch size is heavy 18 gauge steel. 10 inch size with reinforcing band on neck, no deck plate, \$167.00 each. With Galvanized cast iron swivel deck plate, \$205.00.

10 inch size made of copper with bronze deck plate polished finish, \$360.00 each.

When ordering Fig. 510 & 513 without deck plate, specify with or without ring on neck.

Figs. 510 & 513 sizes are standard; special sizes and heights made to order.



ROUND MOUTH COWL VENTILATORS — Fig. 583
Cast Bronze



Fig. 583

No.	Deck Plate Size Inches	Polished Bronze Each	Chromium Plated Each	Diam. Mouth Inches	Height Overall Inches	Weight Pounds
1	3	\$39.75	\$44.00	6	7¾	4½
2	4	54.75	59.50	8	9¾	8½



OVAL MOUTH COWL VENTILATORS — Fig. 570 & 571
Cast Bronze



Fig. 570
Screw Type



Fig. 571
Swivel Type

No.	Deck Plate Size Inches	Size Mouth Inches	Height Above Deck		Weight Pounds
			Fig. 570 Inches	Fig. 571 Inches	
1	3	6¼x4	8⅛	9⅛	6
2	4	6½x4¾	8⅝	9⅝	8

No.	Deck Plate Size Inches	Fig. 570		Fig. 571	
		Pol. Bronze Each	Chrom. Plated Each	Pol. Bronze Each	Chrom. Plated Each
1	3	\$40.00	\$44.00	\$44.50	\$47.50
2	4	51.75	56.50	51.00	55.00

Fig. 571 — Above prices do not include cap illustrated, specify if requiredadd \$3.50 each.

Spare Deck Plates for Figs. 510 & 513, see Figs. 419 and 527. For Figs. 570 & 583, see Fig. 526.

OVAL MOUTH COWL VENTILATOR — Fig. 573
 With Integral Flange—Non-Removable — Cast Bronze

Polished Bronze Each	Chromium Plated Each	Inside Diam. Bottom Inches	Size Mouth Inches	Diam. Flange Inches	Height Overall Inches	Weight Pounds
\$41.50	\$45.00	3 3/8	6 1/2 x 4 3/4	5 3/4	10	7 3/4



Fig. 573

STREAMLINE SPACE SAVER VENTILATOR — Fig. 771
 Cast Bronze — Chromium Plated

For mounting on catwalk against outside of deck house or bulkhead where space is limited.

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.

Chromium Plated Per Pair	Length Overall Inches	Height Overall Inches	Dimensions Mouth Inches	Weight Per Pair Pounds
\$16.50	9 3/4	4 1/2	4 x 1 3/4	2 3/4



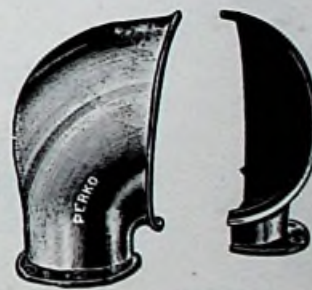
Starboard Side

Fig. 771

SPACE SAVER VENTILATORS — Fig. 782
 Cast Bronze — Chromium Plated

Designed especially for mounting against outside of deck house or cabin, takes up very little space, can be used to advantage in connection with exhaust fan Fig. 778.

No.	Chromium Plated Per Pair	Inside Diameter at Base Inches	Measurements Inside at Mouth Inches	Height Overall Inches	For Screw No.	Weight Per Pair Pounds
1	\$22.50	2 1/2	2 3/8 x 5	6 3/4	8	3 3/4
2	37.75	3 1/2	3 1/8 x 7 1/2	9	8	6



Starboard Side

Port Side

Fig. 782

When ordering a half pair, please mention whether for port or starboard side.

IMPROVED CRUISER VENTILATOR — Fig. 908
 Streamline — 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
\$16.25	\$22.00	\$23.50	6 3/8 x 5 3/4	3 1/4	8	4



Fig. 908



Fig. 263



Fig. 363

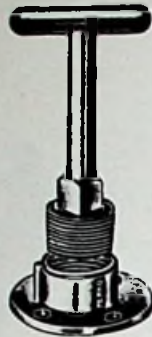


Fig. 266

GARBOARD DRAIN PLUGS — Figs. 263, 363 & 266
Cast Bronze

Figs. 263 and 266

Each	Pipe Size Inches	Diam. Flange Inches	Depth Inches	Weight Ounces
\$3.65	3/4	2 3/8	3/4	11

Fig. 363

For plywood, fibreglass or metal hulls.

No.	Each	Pipe Size Inches	Diam. Flange Inches	Length Threaded Neck Inches	Max. Hull Thickness Inches	Weight Ounces
1	\$5.00	3/4	2 3/8	7/16	3/16	13 1/2
2	6.25	3/4	2 3/8	1	1/2	14
3	6.25	3/4	2 3/8	1 1/4	3/4	14 1/2



Fig. 714



Fig. 737



Fig. 714-A



Fig. 737-A

GARBOARD DRAIN PLUGS — Figs. 714, 714-A, 737 & 737-A
Cast Bronze

Figs. 737 and 737-A have extra brass flange and 3 F.H. machine screws, maximum space between flanges is 3/4 inches.

Fig.	Each	Pipe Size Inches	Diam. Flange Inches	Depth Inches	Weight Ounces
714	\$1.85	1/2	2	3/8	3
714-A	2.15	1/2	2	3/8	4
737	2.65	1/2	2	3/8	6
737-A	2.90	1/2	2	3/8	7



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
\$5.75	1	3 1/8	1	10

Furnished complete with galvanized wrench.



Fig. 213

AUTOMATIC BOAT DRAINERS — Fig. 213
Cast Bronze

For use in life boats. With sponge rubber ball valve. Cover with chain attached, threaded 1-13/16 inches, No. 14 thread.

Complete Each	Caps Only With Chain Each	Balls Only Per Dozen	Diam. Opening Inches	Diam. Flange Inches	Diam. Ball Inches
\$6.25	\$1.95	\$2.00	1 1/4	3 3/8	1 1/2

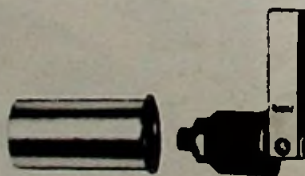


Fig. 414

TRANSOM DRAIN PLUGS — Fig. 414
For Outboard Boats — Plain Brass

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.

Complete Each	Diam. Tube Inches	Length Overall Inches	Length Tube Inches	Weight Ounces
\$1.85	1	2 1/2	2	4 1/2

Plug only \$1.35 each. Tube only \$.50 each.

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 $\frac{3}{8}$ inch or thicker but may be used with thinner hulls by cutting away necessary portion of neck. Depth of mouth below hull is $\frac{3}{4}$ inch.

Each	Height Inside Boat Inches	Width Overall Inches	Weight Pounds
\$5.50	2 $\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$

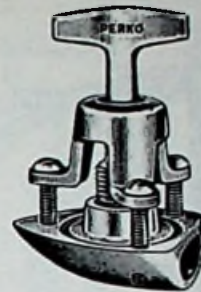


Fig. 386

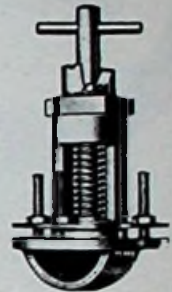


Fig. 387

SMALL BOAT DRAINER — Fig. 387
Spring Type — Stainless Steel Spring — Cast Bronze

Each	Height Inside Boat Inches	Diam. Flange Inches	Weight Pounds
\$7.25	4	2 $\frac{3}{4}$	1

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

Fig.	Each	Pipe Thread Inches	For Hose Inches	Length Inches	Width Inches	Weight Pounds
704	\$5.60		1 $\frac{1}{4}$	7	2 $\frac{3}{4}$	2
705	5.00		1 $\frac{1}{4}$	4 $\frac{3}{4}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$
721	5.00	1 $\frac{1}{4}$		5	2 $\frac{3}{4}$	1 $\frac{1}{2}$
722	5.00	1 $\frac{1}{4}$		4 $\frac{3}{4}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$



Fig. 704

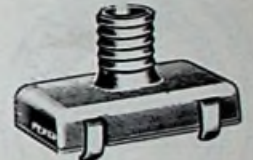


Fig. 705

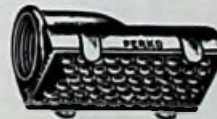


Fig. 721

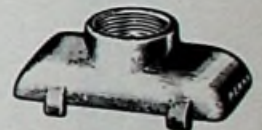


Fig. 722

JUNIOR STRAINER — Fig. 709
Cast Bronze — For $\frac{5}{8}$ Inch Rubber Hose

Excellent for use with bilge pumps having $\frac{5}{8}$ inch hose for intake such as our Fig. 202, etc.

Each	Length Overall Inches	Width Inches	Weight Ounces
\$2.25	4	1 $\frac{1}{4}$	6

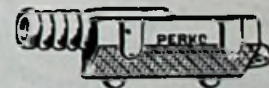


Fig. 709

RUBBER HOSE AND STRAINER — Figs. 208 & 209
For Figs. 200, 202 and 723 Brass Bilge Pumps

Heavy moulded rubber hose, durable and lasting. $\frac{5}{8}$ inch inside diameter. Standard hose length is 5 feet. Other lengths of hose can be furnished. Price on application.

Standard 5 ft. length Cast Bronze Strainer	Each
	\$1.20
	.90



Fig. 208



Fig. 209

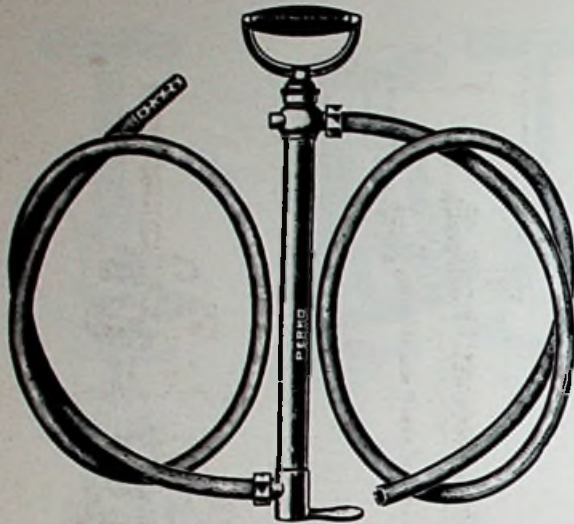


Fig. 202

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	\$19.75	18 $\frac{3}{8}$	1 $\frac{1}{8}$	5	3
6	23.00	21	1 $\frac{1}{2}$	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	\$14.75	17 $\frac{3}{8}$	1 $\frac{1}{4}$	5	2 $\frac{1}{4}$
2	19.25	20	1 $\frac{1}{2}$	10	3 $\frac{1}{4}$

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 $\frac{1}{2}$ gallons per minute.

With Hose Each	Without Hose Each	Diameter Inches	Extreme Length Inches	Weight Pounds
\$13.75	\$12.75	1 $\frac{1}{8}$	17 $\frac{3}{8}$	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
\$16.75	\$3.50	17 $\frac{1}{2}$	12 $\frac{1}{2}$	1 $\frac{1}{8}$	2 $\frac{1}{2}$



SPARE PARTS FOR ABOVE PUMPS

	Outside Diam. Inches	Each		Outside Diam. Inches	Each
Flange Washer Fig. 203	No. 1 1 $\frac{1}{16}$	\$.40	Split Washer Fig. 205	No. 1 1 $\frac{3}{16}$	\$.11
	No. 2 1 $\frac{7}{16}$	.45		No. 2 1 $\frac{13}{16}$	.17
Cup Washer Fig. 204	No. 1 1 $\frac{1}{16}$	\$.40	Hollow Ball Fig. 206	No. 1 1/2	\$.35
	No. 2 1 $\frac{3}{8}$	.45		No. 2 7/8	.40

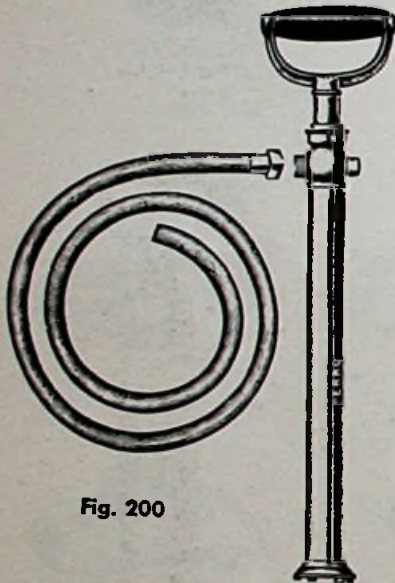


Fig. 200

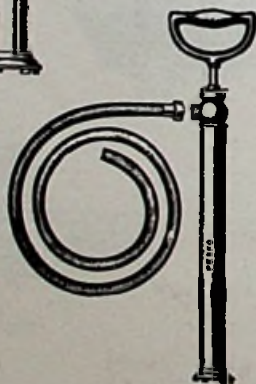


Fig. 723

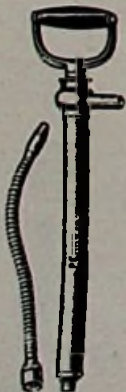


Fig. 146

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
\$38.00	24	2¾	1¼	1½	½

Fig. 147—Weighted leather valve only, each . . . \$1.50
 Fig. 151—Flax packed plunger only, each 2.75



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
\$34.00	16¼	2¾	1¼	1½	5½



Fig. 1018

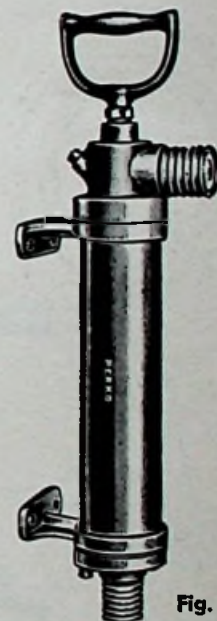


Fig. 701

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

Each	Extreme Length Inches	Inlet Hose Inches	Outlet Hose Inches	Weight Pounds
\$38.00	27	1¼	1½	9½

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
\$34.00	18¼	2¾	1¼	1½	7¾

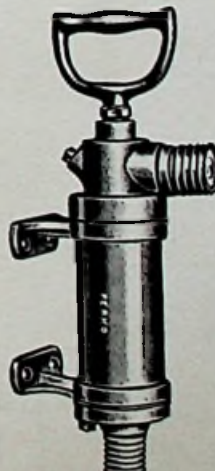


Fig. 702

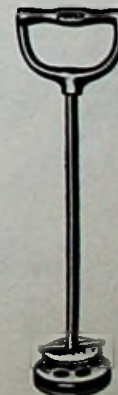


Fig. 108

COMPLETE PLUNGER ASSEMBLY ONLY— Fig. 108

No. 1 for Figs. 702 & 1018 \$8.50 Each.
 No. 2 for Figs. 701 & 1016 9.90 Each.

PERKO WING PUMPS — Fig. 681

Double Action — All Bronze — For Marine, Industrial and Domestic Use — Improved Valves Hold Prime



Fig. 681

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.

**GREAT CAPACITY—LIFT AND HEAD OVER 35 FT.
EFFORTLESS OPERATION—HARDWOOD HANDLE**

No.	Each	Size Pipe Connection Inches	Overall Diam. of Body Inches	Capacity Per Minute Gallons	Weight Pounds
0	\$60.00	1/2	5 1/4	5	11 1/2
1	68.75	3/4	5 3/4	7	14
2	77.50	1	6 3/8	9 3/4	19 1/2

Spare handles complete, \$6.95 each. Wood only \$2.00 each.

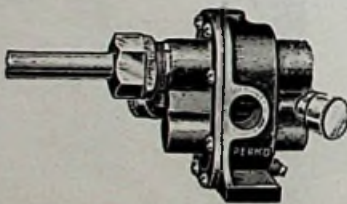


Fig. 682

PERKO BRONZE GEAR TYPE PUMPS

Figs. 682 & 684

Drop Forged Bronze Bodies — Reversible for Upper or Lower Shaft.

The entire interior, including bearings, is tool machined, insuring perfect alignment and absolutely tight joints, blank bearing ends are solid (not soldered), all bearings are fully lubricated by brass grease cups. The drive shaft is in perfect alignment with the pump body. Pipe connections are Briggs standard pipe tap.

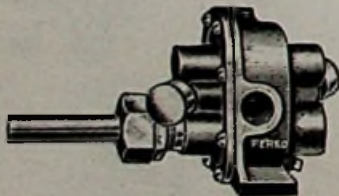


Fig. 684

Pump No.	With Spur Gears Each	Size Pipe Connection Inches	Size Drive Shaft Inches	Approximate Weight Each Pounds
3	\$29.50	3/8	3/8	5 1/2
4	32.50	1/2	3/4	6

When above pumps are operated by belt and pulley be sure to use intermediate bearing on shaft.

GEAR PUMP PARTS

Pump No.	Spur Gears Each	Drive Shaft Each	Idle Shaft Each
3	\$4.50	\$1.75	\$1.25
4	5.50	1.75	1.25

**CAPACITY TABLES FOR GEAR PUMPS AT 1725 R.P.M.
PRESSURE AND GALLONS PER MINUTE**

Pump No.	2 Lbs.		20 Lbs.		40 Lbs.		60 Lbs.		80 Lbs.	
	H.P.	G.P.M.	H.P.	G.P.M.	H.P.	G.P.M.	H.P.	G.P.M.	H.P.	G.P.M.
3	1/4	7.5	1/4	7.0	3/8	6.5	1/2	6.5	1	6.3
4	1/2	10.5	3/8	10.0	1/2	9.5	3/4	9.1	1	8.5

JUNIOR ELECTRIC BILGE PUMP — Fig. 780

Non-Automatic — All Brass Except Motor — Nylon Impeller — Nylon Bearings

VOLTAGE — 12 or 32, please specify.

Maximum Head — 12 Feet. Capacity at 1 Foot Head — 5 Gallons Per Minute. Capacity at 4 Foot Head — 3½ Gallons Per Minute. Outlet is for regular ½ inch garden hose.

	Each	Height Overall Inches	Weight Pounds
Complete	\$25.00	8½	2¾
Motor only	14.00		

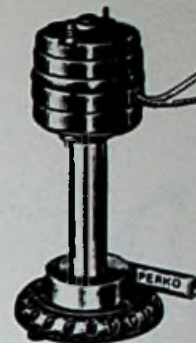


Fig. 780

BAIT TANK OR WATER SYSTEM PUMP — Fig. 781

Electric — All Brass Except Motor — Nylon Impeller — Nylon Bearings

VOLTAGE — 12 or 32, please specify.

When installed at or below the water line this pump is ideal for keeping the bait tank supplied with constant water changes. As a water system pump it can be placed in the supply line from the fresh water tank to sink, lavatory, shower, etc., per diagram on page 89. Complete with side mounting bracket. Outlet on side for regular ½ inch garden hose. Inlet in bottom tapped for ½ inch pipe. Information on head, capacity and motor, see Fig. 780.

	Each	Height Overall Inches	Weight Pounds
Complete	\$25.00	8½	2¾
Motor only	14.00		



Fig. 781

PERKO "FLEXO-SHAFT" ELECTRIC BILGE PUMP — Fig. 666

Patented

With Flexible Phosphor Bronze Drive Shaft and Waterproof Casing. Casing has "Temflex" Plastic Covering to Increase Its Strength. All Bronze Except Motor.

Mount motor where bilge water cannot reach it and this pump will do a good job.

CAPACITY — 300 gallons per hour at 1 foot.

LENGTH SHAFT — 3 feet.

MAXIMUM HEAD — 8 feet, with 3 foot shaft.

VOLTAGE — 12 or 32, please specify.

Complete Each	Motor Only Each	Outlet Size	Outlet Size	Height Pump Inches	Diameter Base Inches	Weight Pounds
\$44.00	\$14.00	1" Hose	½" Pipe	4¼	4⅝	7

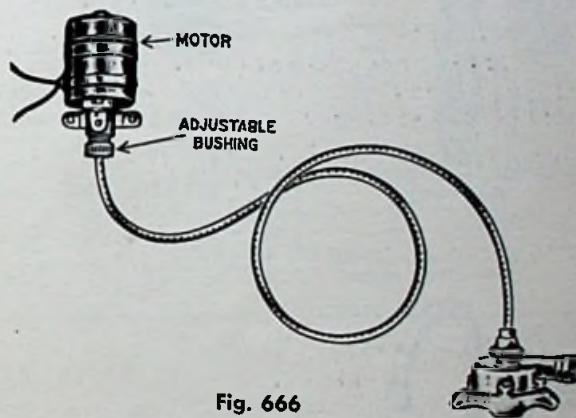


Fig. 666

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 2¼ inches. It will turn off again when the water reaches a depth of 1 inch but by connecting ¼ inch tubing to the ½ inch pipe tapped end of switch and into the discharge line of the pump. The pressure in the pump discharge line will continue to operate the switch until the pump sucks air.

Complete Each	Spare Switch Each	Spare Diaphragm Each	Height Inches	Diam. Base Inches	Weight Pounds
\$16.00	\$3.00	\$.80	2¼	4¼	2

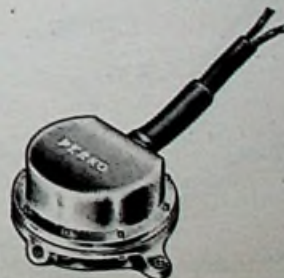


Fig. 662

GALLEY AND LAVATORY PUMPS

Bronze — Chromium Plated



Fig. 467 Metal Handle

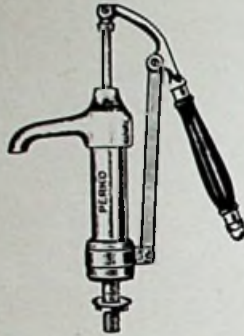


Fig. 473 Mahogany Handle

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	1½	6½	2½	½	3½
473	1½	6	2½	½	3½

Fig.	Chromium Plated Each	Chromium Plated Handle Only Each	Mahogany Grip Only Each
467	\$29.50	\$4.50	\$1.05
473	31.50	5.50	

Repair Kit, each \$3.00.



Fig. 144



Fig. 1040

FIG. 144 & FIG. 1040

Flared Flange — Neoprene Plunger and Valve Designed to Hold Prime

Length of stroke — 5¼ inches. Inlet thread — ¾ inch pipe.

Fig.	Diam. Barrel Inches	Length Overall Inches	Projection Spout Inches	Height Spout Inches	Weight Pounds
144	1½	13½	3	0	3
1040	1½	14½	4½	3	3½

Fig.	Chromium Plated Each	Repair Kits Each
144	\$23.00	\$2.75
1040	25.00	2.75

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: No. 1 — 20 strokes; No. 2 — 10 strokes per quart.

No.	Chromium Plated Each	*Inlet Pipe Size Inches	Spout Projection Inches	Height Flange To Spout Inches	Weight Pounds
1	\$13.00	¾	3½	2 ½	1 ⅞
2	18.50	¾	4	3½	2

Repair Kit, each \$1.50.

No. 1 has male thread, No. 2 has female thread.



Fig. 677

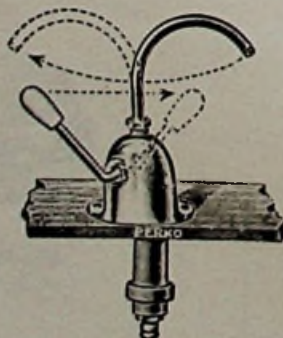


Fig. 177

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 ⅝ inch rubber hose or ¾ inch pipe. Capacity 20 strokes per quart.

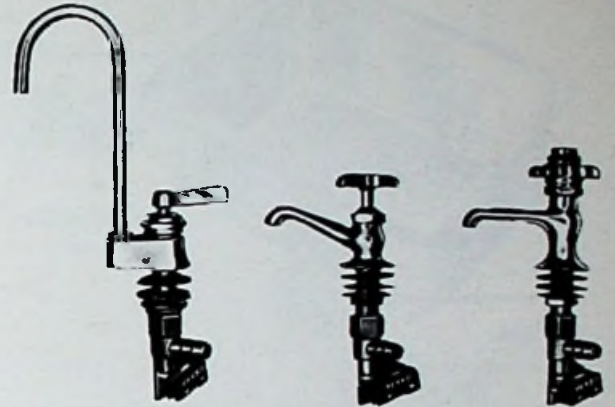
Each	Extreme Height Above Drain Board Inches	Dimensions Mounting Base Inches	Weight Pounds
\$27.00	8	4x1 ⅞	2¼

Repair Kit, each \$4.15

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

Connect one or several of the faucets to our Figure 781 elec-
tric pump. (See below 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.



High Spout
Fig. 727

Low Spout
Fig. 728

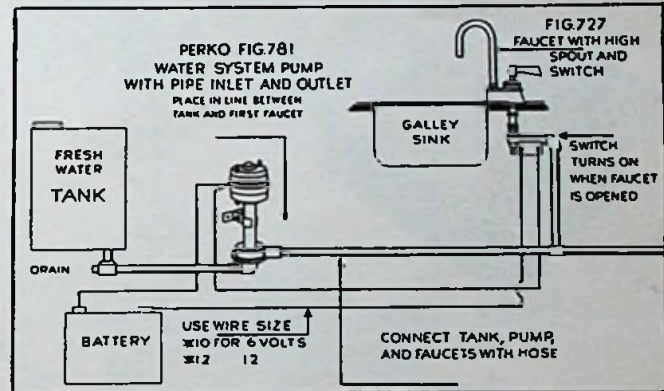
Fig. 740

WITH HAND SWITCH — Figs. 727 & 728

Fig.	Chromium Plated Each	Height Above Drain Board Inches	Length Below Drain Board Inches	Weight Pounds
727	\$22.50	8 1/4	5 1/2	2 1/2
728	19.00	3 1/4	5 1/4	2

SELF CLOSING TYPE — Fig. 740

Chromium Plated Each	Height Above Drain Board Inches	Spout Projection Inches	Weight Pounds
\$25.00	3 3/4	2 3/4	2 1/2



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	\$6.50	12x16
2	6.50	13 1/2 x 18 3/4
3	6.50	13 3/4 x 21 3/4



Fig. 347

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.

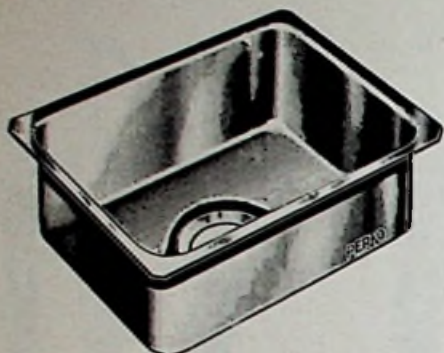


Fig. 356

No.	Each	Size Inside Inches	Size Outside Inches	Depth Inside Inches	Weight Pounds
1	\$24.00	10x14	12x16	7	6
2	36.00	11 1/2 x 16 3/4	13 1/2 x 18 3/4	6	6 1/2
3	48.50	11 3/8 x 19 3/8	13 3/8 x 21 3/8	7	7 1/2

Finishing frame for above, see Fig. 347.
 Drain fittings not included, see Fig. 357.

★
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.



Fig. 391

No.	Each	Diameter Inside Inches	Diameter Outside Inches	Depth Inside Inches	Weight Pounds
6	\$17.25	11 3/4	13 3/4	5	2

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

★
STAINLESS STEEL SINKS — Figs. 392 and 393
Deep Drawn, Seamless Construction
20 Gauge 18-8 — Natural Finish — Self Rimming

Bottom heavily undercoated for sound deadening.
 Packed in individual carton.



Fig. 392



Fig. 393

Fig.	Each	Size Inside Inches	Size Outside Inches	Depth Inside Inches	Weight Pounds
392	\$30.00	10 x 14	13 x 17	7 1/2	7
393	31.00	10 x 11	13 x 17	7 1/2	7

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

★
FIBRE GLASS GALLEY SINK — Fig. 382
Glazed White — Self Rimming

Each	Inside Dimensions Inches	Outside Dimensions Inches	Inside Depth Inches	Weight Pounds
\$17.00	11 1/2 x 16 3/4	13 1/2 x 18 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
\$11.00	10 3/4	13	5	14

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



Fig. 240

WHITE VITREOUS CHINA LAVATORIES

Fig. 830 Corner Type —

Figs. 831 & 832 Flat Back

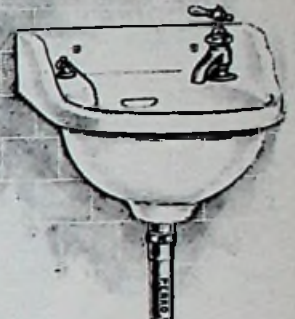
All Feature Round Basin Overflow and Integral Back

Fitted with chromium plated waste plug, chainstay, chain, stopper and tail piece.

Fig.	No.	Without Pump or Faucet Each	With Faucet Each
830	1	\$51.00	\$58.25
	2	63.75	71.00
831		50.00	57.25
832		62.00	69.25



CORNER TYPE
Fig. 830



FLAT BACK
Fig. 831

Fig.	No.	Lavatory Size Inches	Diameter Basin Inches	Diameter Outlet Inches	Diameter Pump Inlet Inches	Height Back Inches	Weight Pounds
830	1	12x12	10	1 1/4	1 1/2	2 1/2	20
	2	14x14	11	1 1/4	1 1/2	2 1/2	22 1/2
831		12x12	10	1 1/4	1 1/2	2 1/2	19 1/2
832		14x14	11	1 1/4	1 1/2	2 1/2	23

NOTE: Pumps for above, see Figs. 144-467-473-1040. Faucets are Chromium plated bronze, marked "Hot" or "Cold", please specify. All above furnished without pump or faucet unless otherwise specified.



FLAT BACK
Fig. 832



CORNER TYPE
Fig. 823

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.

Fig.	Each	Size Inches	Size Basin Inches	Height Back Inches	Depth Inches	Weight Pounds
823	\$23.00	13 1/2 x 13 1/2	11 3/4 x 8 1/2	1 1/2	5	2
825	19.75	15 1/4 x 12 3/4	12 x 7 1/2	1 3/8	5	2 1/4

Tail piece and stopper only — \$2.25 each



FLAT BACK
Fig. 825

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	\$5.00	3 1/2	1 1/2	20
586	2.50	2	1 1/2	10



Fig. 357



Fig. 586

Fig. 357 is for sinks Figs. 356, 382, 392 and 393.
Fig. 586 is for sinks Figs. 240 and 391.

PERKO MARINE CLOSETS

Can be Installed Above or Below the Waterline — White Vitreous China Bowl — Rim Flushing Type — All Bronze Pump and Fittings — White Painted Finish — All White Seats and Covers — Plastic Hinges — Outlet Tailpiece Has Neoprene "Joker" Backwater Check Valve — Waste Arm Has 1/4 Inch Pipe Size Drain Out Openings — Inlet Tailpiece for 3/8 Inch Hose — Outlet Tailpiece for 1 1/2 Inch Hose.

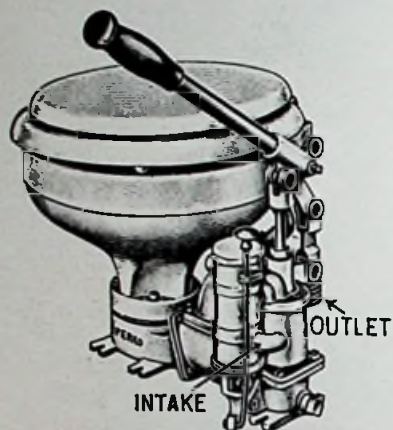


Fig. 828-D With Hand Valve
Fig. 829-D With Foot Valve

THE "BOATMAN"

Fig. 828-D With Hand Valve
Fig. 829-D With Foot Valve

Handle can be changed to vertical position by anyone in a few minutes.

Height With Cover Inches	Height Without Cover Inches	Width Side to Side Inches	Depth Front to Back Inches	Size Base Inches	Weight Pounds
13 3/4	12 1/8	17	16	12x5	40
No.					Each
1	Fig. 828-D with Seat and Cover				\$113.00
2	Fig. 828-D With Seat Only				114.00
3	Fig. 829-D With Seat and Cover				114.00
4	Fig. 829-D With Seat Only				115.00

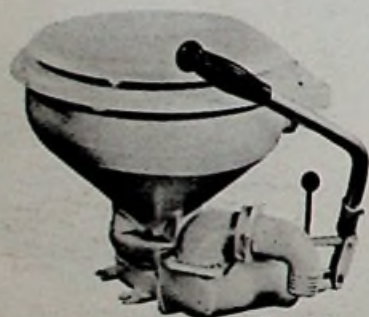


Fig. 833

"LITTLE JOHN" — Fig. 833

This compact little closet was designed primarily for small boats where space is limited.

Supplied only as illustrated, with horizontal handle and hand valve.

Height With Cover Inches	Height Without Cover Inches	Width Side to Side Inches	Depth Front to Back Inches	Size Base Inches	Weight Pounds
13 3/4	12 1/8	15	16	9x5	32
No.					Each
3	With Joker Valve, with seat and cover				\$95.00
4	With Joker Valve, with seat only				93.50



Fig. 856

NEW "SEA HEAD" MARINE CLOSET — Fig. 856

For Above or Below Waterline — White China Bowl — White Baked Enamel Seat and Cover with Nylon Fittings — All Metal Parts are Bronze or Stainless Steel — Self Priming Pump — Large 1 1/2 Inch Drain or Clean Out Plug.

No parts to corrode or require painting. Easy for anyone to operate or install.

Complete each \$75.00

Height Overall Inches	Width Overall Inches	Depth Overall Inches	Size Base Inches	Weight Pounds
13	18	17 1/2	12 1/2 x 5 3/4	23

BRONZE ROUND WAY SEA COCKS — Figs. 834 & 835
With Drain Plugs and Removable Handle

Size Inches	Fig. 834 Each	Fig. 835 Each	With Fig. 86 Strainer Add. Each	Size Strainer Inches	Without Hull Connection Deduct Each
¾	\$17.95	\$17.70	\$1.15	3½	\$1.60
1	26.10	24.75	1.15	3½	2.05
1¼	32.80	31.40	1.65	4	3.10
1½	38.30	38.00	2.85	5	3.85
2	64.75	62.90	3.00	6	5.60



Fig. 834



Fig. 835

ECONOMY ROUND WAY SEA COCKS — Fig. 821
Cast Bronze — Drain Plug

Pipe Size Inches	Each	Without Hull Connection Deduct. Ea.	Without Hose Connection Deduct. Ea.	With Fig. 86 Strainer Add. Ea.	Diam. Strainer Inches	Complete Weight Pounds
½	\$ 9.00	\$2.10	\$1.10	\$.80	2½	⅞
¾	11.00	2.90	1.35	1.15	3½	1½
1	15.50	4.15	1.75	1.15	3½	2½
1¼	22.50	6.50	2.20	1.65	4	4
1½	29.50	8.25	3.00	3.00	5	5¼

NOTE: The ½" size has connection for ⅝" hose. Other sizes use same size hose as pipe size.



Fig. 821

CLOSET INSTALLATION KIT — Fig. 843

This handy kit contains all that's needed to install PERKO marine closets. It consists of the following:

Outlet — 3 feet of 1½" I.D. heavy walled hose.
 2 Perko Fig. 6428 stainless steel hose clamps.
 1 Perko Fig. 350 bronze thru hull fitting (1½").

Inlet — 3 feet of ¾" I.D. heavy walled hose.
 2 Perko Fig. 6410 stainless steel hose clamps.
 1 Perko Fig. 350 bronze thru hull fitting (¾").

\$15.00 per Kit

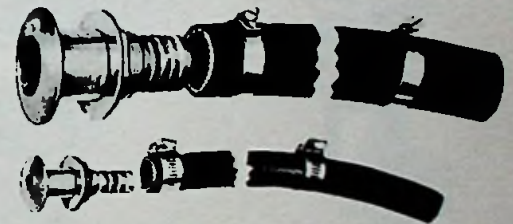


Fig. 843

TOILET PARTS AND REPAIR KITS

The following kits are complete with all parts likely to wear out such as all gaskets, valves, packing, washers, seals and leathers.

	Per Kit
Fig. 836-A for Fig. 833 No. 3 and 4	\$7.70
Fig. 909 for Figs. 828-D and 829-D	7.50
	Each
Fig. 844 White Seat and Cover Complete	\$9.00
Fig. 845 White Seat, No Cover, Complete	7.00
Fig. 846 White Vitreous Bowl Only	16.50
Fig. 849 Neoprene Joker Valve Only	1.30
Fig. 855 Neoprene Clack Valve Only	1.00



Fig. 846

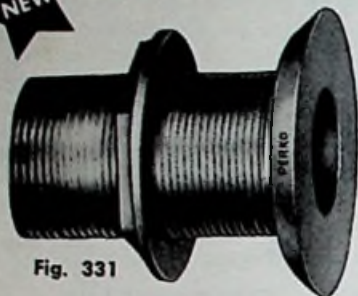


Fig. 331

**NEW FLUSH TYPE "NO BULGE"
THRU HULL CONNECTIONS — Fig. 331**
Cast Bronze

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.

Pipe Size Inches	Each	Length Overall Inches	Inside Diameter Inches	Diameter Flange Inches	Weight Pounds
1/2	\$3.65	2 7/16	1/2	2 1/2	3/4
3/4	4.20	2 3/4	3/4	2 1/2	7/8
1	5.50	3	1	3	1 1/4
1 1/4	7.50	3 3/8	1 1/4	3	1 3/4



Fig. 384

THRU HULL CONNECTIONS — Fig. 384
For Fibre Glass Boats — Cast Bronze — Short Neck

Pipe Size Inches	Plain Each	Polished Chromium Plated Each	Length Neck Inches	Diameter Flange Inches	Weight Ounces
1/2	\$2.10	\$3.00	1	1- 9/16	4
3/4	2.75	3.65	1 1/2	1-15/16	5
1	3.85	4.75	1 3/4	2- 3/8	9
1 1/4	5.50	6.40	1 3/4	2- 7/8	14
1 1/2	6.50	7.50	1 5/8	3- 1/16	18



Fig. 64

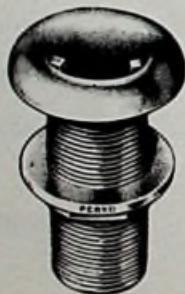


Fig. 322

THRU HULL CONNECTION — Figs. 64 & 322
Cast Bronze — Plain — With and Without Tail Piece

Pipe Size Inches	Fig. 64 Each	Fig. 322 Each	Length Neck Inches	O D Tail Piece Inches	Diam Flange Inches	Wt. Fig. 64 Lbs.	Wt. Fig. 322 Lbs.
3/8	\$ 3.00	\$ 1.85	2 3/8	1/2	1 3/8	3/8	1/4
1/2	3.35	2.10	2 3/8	1/2	1 3/8	1/2	3/8
3/4	4.30	2.90	2 3/8	3/4	2	5/8	1/2
1	6.20	4.15	2 7/8	1	2 1/4	1	3/4
1 1/4	8.70	6.50	3 1/2	1 1/4	2 7/8	1 3/4	1 1/2
1 1/2	11.95	8.25	3 3/4	1 1/2	3	2 1/8	1 3/4
2	15.05	10.85	4	2	3 1/2	3	1 3/4
2 1/2		16.50	4		4 1/2		2 3/4



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	Weight Ounces
\$1.60	\$2.50	3/4 and 1	9/16	3 1/8	7



THRU HULL CONNECTIONS FOR HOSE — Fig. 350
Cast Bronze

For Hose Inches	Plain Each	Polished Chromium Plated Each	Length Overall Inches	Maximum Wood Thickness Inches	Weight Pounds
* 3/8	\$2.40	\$3.30	3	1 1/4	3/8
3/4	2.80	3.70	3 5/8	1 3/8	1/2
1	4.25	5.15	3 7/8	1 7/8	7/8
1 1/4	6.50	7.50	4 1/4	2	1 3/8
1 1/2	7.00	8.25	4 1/4	2	1 1/2

*This size for inlet of closets Figs. 833, 828, 829.



Fig. 311



Fig. 350

WATER OUTLETS — Fig. 332

Cast Bronze

No.	Plain Bronze Each	Chromium Plated Each
1	\$5.25	\$6.85
2	6.60	8.25

No.	Pipe Size Inches	Diam. Flange Inches	Length of Pipe Inches	Weight Ounces
1	3/4	2 3/4	2 1/4	12
2	1	3	3 1/4	16



Fig. 332

SPEEDBOAT STRAINERS — Fig. 65

Cast Bronze — Plain

Designed to prevent clogging. Will admit full supply of water at all speeds.

Size Pipe Inches	Each	Length Pipe Inches	Dimensions Strainer Inches	Weight Pounds
1/2	\$3.85	2 1/4	2 1/2 x 3 1/2	3/4
3/4	5.00	2 3/4	3 x 4	7/8
1	6.60	3	3 1/2 x 4 1/4	1 1/4
1 1/4	9.70	3 3/4	3 3/4 x 4 1/2	1 3/4



Fig. 65

CAST BRONZE PIPE TO HOSE ADAPTER — Fig. 76

Pipe Size Inches	Hose Size Inches	Each	Length Overall Inches	Weight Ounces
1/2	3/8	\$1.10	1 5/8	1 1/2
3/4	3/4	1.35	1 3/4	2 1/8
1	1	1.75	1 3/4	3 1/2
1 1/4	1 1/4	2.20	2	5 1/8
1 1/2	1 1/2	3.00	2 1/4	8 1/8



Fig. 76

SCOOP STRAINERS — Fig. 66

Cast Bronze

Can be used with inlet connection, Fig. 64. No. 1 will fit up to 1/2 inch. No. 2 will fit up to 1 inch. No. 3 will fit up to 1 1/4 inches. No. 4 up to 2 inches.

No.	Each	Outside Dimension Inches	Weight Pounds
1	\$1.10	3 1/2 x 2 1/2	1/4
2	2.75	5 x 3 1/4	3/4
3	3.85	6 1/4 x 4 1/4	1
4	6.60	8 1/4 x 5 1/4	2



Fig. 66

ROUND STRAINERS — Fig. 86

Cast Bronze

Outside Diam. Inches	Each	Inside Diam. Inches	Weight Pounds
2 1/2	\$.80	1 3/8	1/5
3	.95	2	1/4
3 1/2	1.15	2 3/8	1/3
4	1.65	3	1/3
5	2.85	3 3/4	3/4
6	3.00	4 1/2	1



Fig. 86



Fig. 67 Straight
Fig. 78,
90 Degree

BRONZE TAIL PIECES — Figs. 67 & 78

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

Pipe Size Inches	O. D. Tail Piece Inches	Fig. 67 Each	Fig. 78 Each
1/4	3/8	\$1.10	
3/8	1/2	1.10	
1/2	1/2	1.35	
3/4	3/4	1.55	\$1.85
1	1	2.25	3.80
1 1/4	1 1/4	2.40	4.00
1 1/2	1 1/2	4.05	4.40
2	2	5.30	6.75

FLANGED NUTS — Fig. 75

Cast Bronze — For Hull Connections

Pipe Size Inches	Each	Weight Ounces
3/8	\$.45	1
1/2	.50	1 1/4
3/4	.75	2
1	1.05	2 1/2
1 1/4	1.80	6
1 1/2	2.20	6
2	3.30	10
2 1/2	3.60	15



Fig. 75

MARINE WINDOWS — Fig. 796

With Spigot — Plain Bronze or Aluminum — Watertight — Two Fastenings



Fig. 796

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.

No.	Size of Opening Inches	Plain Bronze Each	Plain Aluminum Each
1	5x12	\$40.00	\$31.75
2	7x16	55.00	39.00

No.	Dimensions Outside of Frame Inches	Length Spigot Inches	Thickness Glass Inches	Bronze Weight Pounds	Aluminum Weight Pounds
1	7 1/4 x 14 1/4	2	1/4	16	7
2	9 1/8 x 18 1/8	2	1/4	22	10

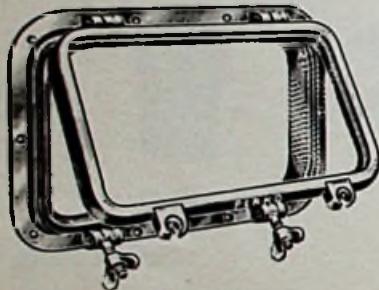


Fig. 803

MARINE WINDOWS — Fig. 803

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

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	\$32.00	\$25.50	11 1/2	5
4	7x16	42.50	32.00	16	7

SPECIAL FINISHING FRAMES FOR FIG. 803

3	5x12	\$5.50	\$4.50	2 1/2	1
4	7x16	9.00	5.50	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—\$5.00 each. Size 7x16 inches—\$5.75 each.



Finishing Frame



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	\$2.65	\$3.65	6	\$3.35	\$4.35
5	3.00	4.00	8	4.35	5.35



Fig. 434

ROUND PORTLIGHT SCREENS — Fig. 434

Brass Frame — Copper Screening — Friction Type — For Recessed Portlights

Outside Diameter Inches	For Size Portlight Inches	Each	Outside Diameter Inches	For Size Portlight Inches	Each
4 1/8	4	\$2.75	7 1/8	7	\$4.20
5 1/8	5	3.15	8 1/8	8	4.60
6 1/8	6	3.45	9 1/8	9	4.80

Larger sizes made to order—Price on application.

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	\$16.00	4	7	1/4	3 3/4
5	20.50	5	8	1/4	5
6	23.75	6	9	1/4	6 1/2
* 8	31.75	8	11 5/8	1/4	10 1/4

* 8" size has two dog bolts.



Fig. 317

MORE-AIR PORTLIGHTS — Fig. 157

Inside Pattern — For Wood Hulls — Cast Bronze — Plain Complete With Outside Finishing Ring — Glass Area Is Same Diameter As Opening — All Sizes Are Grooved for Screens

Opening Inches	For Thickness of Wood		Thickness Glass Inches	Weight 1 1/2 Inch Spigot In Pounds
	1 1/2 Inch Plain Bronze Each	3 Inch Plain Bronze Each		
4	\$16.00	\$20.50	1/4	4 3/4
5	20.00	25.00	1/4	7 1/4
6	25.00	31.00	1/4	8 1/2
* 8	35.00	42.00	1/4	12 3/4

Opening Inches	Outside Diameter Frame Inches	Thickness Glass Inches	Weight 1 1/2 Inch Spigot In Pounds
4	7	1/4	4 3/4
5	8	1/4	7 1/4
6	9	1/4	8 1/2
* 8	11 5/8	1/4	12 3/4

For 1 inch wood, use 1 1/2 inch price.

For 2 or 2 1/2 inch wood use 3 inch price, etc.

* 8 inch size has two Dog Bolts.



Fig. 157

Without outside finishing ring, deduct from above prices the following:

Plain	4 Inch	5 Inch	6 Inch	8 Inch
	\$1.15	\$1.30	\$1.60	\$3.10

NOTE—Screens for all portlights above see Fig. 442.



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	\$ 8.00	1/4	6	1 3/4
5	9.35	1/4	7 1/2	2
6	10.50	1/4	8 1/4	2 3/4
* 8	20.50	1/4	11	5 1/4

* 8 inch size has Safety Glass.



Fig. 838



Fig. 441

PORTLIGHT CHAINS — Fig. 441

Bronze	Polished Each	Chromium Plated Each	Length Inches	Size Plate Inches	Weight Ounces
	\$2.20	\$3.10	8	1 1/4 x 1	3



Fig. 461

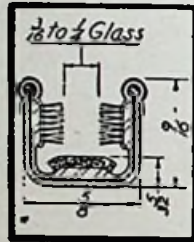
RUBBER FOR PORTLIGHTS AND WINDOWS — Fig 461

Size	Per Length
1/4 inch	\$2.15

Supplied only in 10 foot lengths.



Fig. 482



GLASS RUN WINDOW CHANNEL — Fig. 482
Vulcanized Rubber Covered — Mohair Lined —
No. 400 Series Stainless Steel Bead

Per 8 Foot Length — \$5.75



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	Weight Ounces
\$1.00	3	1



Fig. 935

SLIDING WINDOW STOP — Fig. 935

Cast Bronze — Chromium Plated

Each	Mounting Plate Inches	Stopping Plate Inches	Weight Ounces
\$3.00	1 7/8 x 3/4	1 1/2 x 3/4	2 1/8



Fig. 937

SLIDING WINDOW LOCK AND ANTI RATTLER — Fig. 937

Cast Bronze — Chromium Plated

Each	Height Overall Inches	Mounting Plate Inches	*Length Screw Inches	Weight Ounces
\$2.40	1 5/8	1 x 5/8	1 1/8	1 3/4

*Between knob and rubber
Special length screw to order. Minimum quantity 250 pieces. Price on application.

OUTBOARD STEERERS

**Brilliant Colors — Modern Styling —
Chromium Plated Housing — Nylon Bearings**

Figs. 1270 & 1272

For Thru-Dashboard Or Under Dashboard Mounting

A Very Attractive Wheel Of Modern Deep Dish, 2-Spoke Design With Moulded Finger Grips For Ease Of Handling.

Housing Is Perfectly Engineered, High Grade Precision Die Casting, Polished And Chromium Plated. Bearings Are Nylon, Assuring Smooth Operation.

Two Tone Colors Are — Ivory And Red — Ivory And Blue —
With Solid Ivory Colored Wheel \$16.50 Each.
With Two Tone Colored Wheel 17.00 Each.

Outside Diameter Wheel Inches	Length Overall Inches	Length Dash To Grip of Wheel Inches	Diameter Score of Drum Inches	Diameter Overall of Drum Inches	Weight Pounds
15	12 $\frac{5}{8}$	7 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{3}{4}$	7 $\frac{1}{4}$

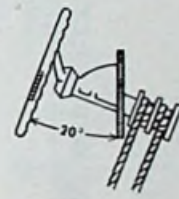
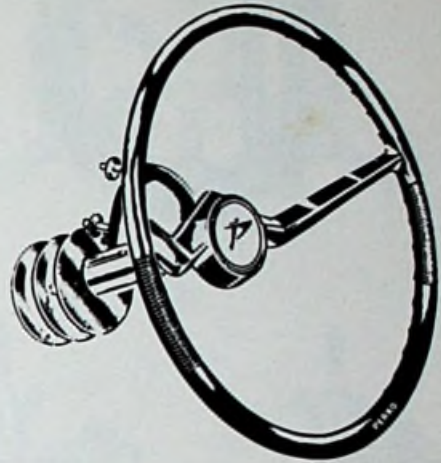
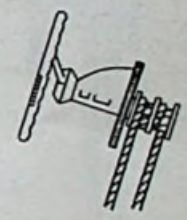


FIG. 1270



FOR ANGLE DASH FIG. 1272

Figs. 1257, 1257-A & 1257-B

For Thru-Dashboard Mounting —
Fixed Angle — Not Adjustable

With Solid Ivory Colored Wheel \$16.00 Each.
With Two Tone Colored Wheel 16.50 Each.

Length Overall Inches	Length Dash to Grip of Wheel Inches	Width Dash Bracket Inches	Height Dash Bracket Inches	Diameter Score of Drum Inches	Diameter Overall of Drum Inches	Weight Pounds
11 $\frac{1}{2}$	6	5	2 $\frac{3}{8}$	2 $\frac{1}{2}$	3 $\frac{3}{4}$	7

NOTE—No bolts or screws necessary to install this steerer. Just drill a 1 $\frac{1}{4}$ inch diameter hole in dash. Steerer held firm by angle washer and large locknut.

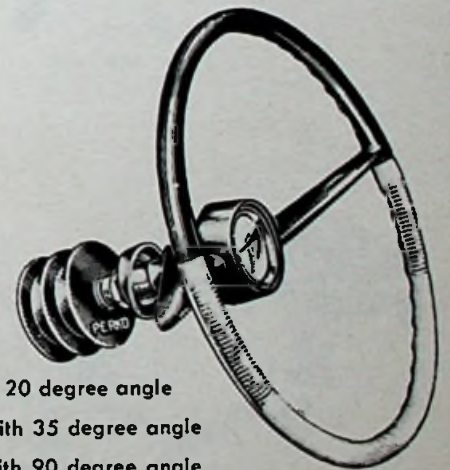


Fig. 1257 with 20 degree angle

Fig. 1257-A with 35 degree angle

Fig. 1257-B with 90 degree angle

DRUM STEERERS — Fig. 661

Galvanized Cast Iron Or Cast Bronze — For Tiller Rope
With Die Cast Zamak Rope Drum

Diam. Overall Inches	Galv. Each	Polished Bronze Each	Chromium Plated Each	Size Base Inches	Diam. Drum Inches	Length Drum Inches
12	\$10.25	\$22.25	\$23.00	3 $\frac{3}{8}$ x 3 $\frac{3}{8}$	2 $\frac{3}{8}$	3
16	13.60			4 x 4	2 $\frac{3}{8}$	3 $\frac{3}{8}$



Fig. 661

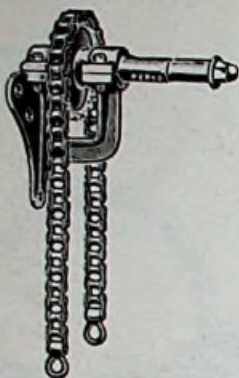


Fig. 678

CHAIN TYPE STEERERS — Fig. 678
All Bronze — With Roller Chain —
For Wheel Box Mounting

No.	Each	Wheel End of Shaft Inches	*Length Shaft Inches	Dimensions of Bracket Inches	Weight Pounds
1	\$65.00	7/8	2 7/8	6 x 5 1/2	11
2	66.50	1	2 7/8	6 x 5 1/2	11

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

Chain only, without Shackles, per foot **\$8.80**
 Chain Shackles, each **1.10**
 Acorn Nuts, each **2.20**
 Sprocket only, each **7.50**

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.

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

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



Fig. 674

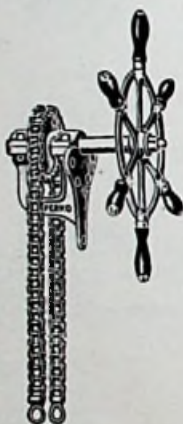


Fig. 675

CHAIN TYPE STEERERS — Figs. 674 & 675
With Fig. 976 Cast Bronze Wheel
Polished Or Chromium Plated

Diameter Wheel Inches	Polished Bronze Each	Chromium Plated Each	Machined Wheel End of Shaft Inches	Diam. Shaft Inches
16	\$ 93.00	\$ 96.00	3/8	1
20	102.75	106.00	7/8	1
24	132.00	136.00	1	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 the difference between Figs. 976 and 914, sizes No. 1, 2 or 3.

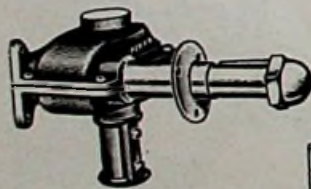


Fig. 524

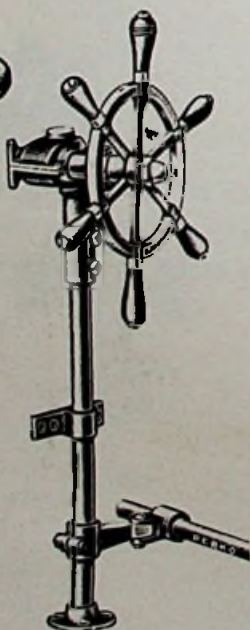


Fig. 820

UNIVERSAL WORM GEARED STEERER — Fig. 524
Cast Bronze Housing

A completely universal steerer in all respects. Can be operated either right or left hand and wheel shaft may be quickly and easily reversed for wheel box or thru-bulkhead mounting.

For rudder of 4 square foot area.
 For 1 inch diameter vertical shaft.

Each	Diam. Wheel Shaft Inches	*Length Wheel Shaft Inches	Length For Hub Inches	Size Bracket Overall Inches	Weight Pounds
\$73.50	1	3	2 1/8	5x2 3/4	7 1/2

With Chromium plated nut and plate add \$1.00.

*Length between box and wheel.

WITH WHEEL AND FITTINGS — Fig. 820
All Bronze—Shafting Illustrated Is Not Included In Price

No.	With Polished Bronze Wheel Each	With Chromium Plated Wheel Each	Diameter Wheel Inches	Weight Pounds
1	\$130.00	\$133.00	16	22
2	142.00	145.00	20	25
3	158.00	162.50	24	29

Wheel used is Fig. 976 sizes 4, 5 or 6.

If preferred with wheel Figs. 657 or 914 add difference in price of wheel only.

Other spare parts see Fig. 865 Part Nos. 1, 5, 6 & 8.

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	\$36.25	\$41.00	1	2 3/4
20	19 1/4	37.75	42.50	1	3 1/4
22	22 1/4		49.00	1	5
24	24 3/8		59.50	1	7
28	28		73.00	1	10
30	30		82.00	1	12

NOTE — A special adapter kit to use above wheel with our Fig. 524 or 678 steerers add \$5.00 each.

Shaft sizes above are stock straight bores, can be supplied with special straight or taper bores within the following limits — 18, 20 or 22 inch sizes, 3/4 or 7/8 inch bore. Larger sizes from 3/4 to 1 1/4 inch bore inclusive, to order only. Larger wheels can be supplied in manufacturing quantities, price and other information on application.

Length bore, 18", 20", 22" sizes, is 1 1/4"

Length bore, 24", 28", 30" sizes, is 1 3/8"

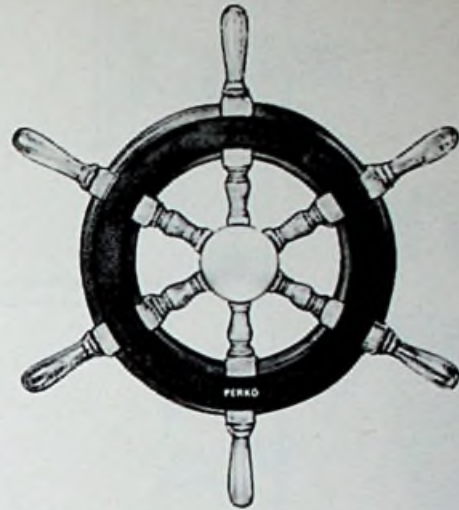


Fig. 657

STEERING WHEELS — Fig. 976

Cast Bronze — Wood Grips — 1/4 Inch Keyway

With Short Hub for Steerers Figs. 674 and 675

No.	Diam. Overall Inches	Polished Bronze Each	Chromium Plated Each	For Shaft Inches	Length Hub Inches	Weight Pounds
1	16	\$30.00	\$32.00	3/8	1	4
2	20	41.00	43.00	3/8	1	6 1/2
3	24	58.00	61.50	1	1 1/2	10 1/2

With Long Hub for Steerers Figs. 524 and 678

No.	Diam. Overall Inches	Polished Bronze Each	Chromium Plated Each	For Shaft Inches	Length Hub Inches	Wt. Lbs.
4	16	\$33.50	\$35.50	3/4, 7/8 or 1	2 1/8	4 1/2
5	20	45.50	47.50	3/4, 7/8 or 1	2 1/8	7 1/2
6	24	62.00	65.50	1	2 1/8	11

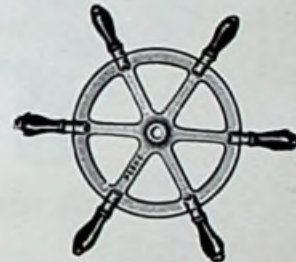


Fig. 976

STEERING WHEELS — Fig. 914

Brass — Wood Grips — Round Spokes — 1/4 Inch Keyway

With Short Hub for Steerers Figs. 674 and 675

No.	Diam. Overall Inches	Polished Brass Each	Chromium Plated Each	For Shaft Inches	Length Hub Inches	Weight Pounds
1	16	\$29.50	\$32.50	3/8	1	4 1/2
2	20	34.00	37.50	3/8	1	5 1/2
3	24	42.00	46.50	1	1 1/2	6 3/4

With Long Hub for Steerers Figs. 524 and 678

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



Fig. 914

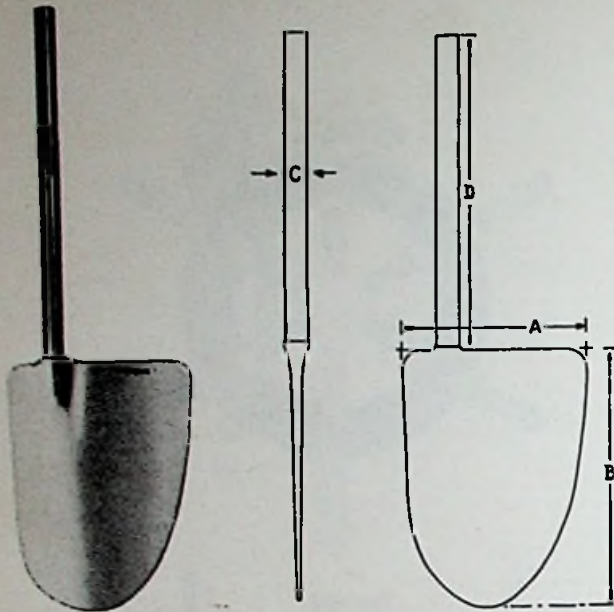


Fig. 818

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	Dimension Inches				*Longer Stocks Per Inch	Weight Pounds
		A	B	C	D		
1	\$41.00	9	12	1	16	\$.70	13
2	52.00	10½	14	1⅛	18	.90	17
3	68.00	12	16	1¼	18	1.10	23

NOTE — Orders for rudders with special length of stock cannot be cancelled. Delivery about 10 days.

*Longer Stock — In Addition To The Per Inch Charge There Is A Set Up Charge Of \$7.50 Added To List Prices.



Fig. 1088

RUDDER STUFFING BOXES — Fig. 1088
Cast Bronze — Plain — With Square Flange — Four Bolt Holes

For Diam. Post Inches	Each	Size Flange Inches	Length Bearing Inches	Drilled For Fastening Inches	Weight Pounds
1	\$14.00	3¼ x 3¼	5½	¾	3
1½	16.50	3¾ x 3¾	5¾	¾	3½
1¾	19.50	3¾ x 3¾	6¼	¾	4

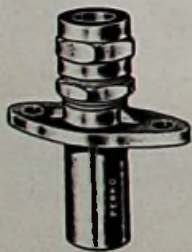


Fig. 1089

RUDDER STUFFING BOXES — Fig. 1089
Cast Bronze — Plain — With Oval Flange — Two Bolt Holes

Size Inches	Each	Size Flange Inches	Length Bearing Inches	Drilled for Fastening Inches	Weight Pounds
¾	\$11.50	4 x 2	5½	¾	3
⅞	12.00	4¼ x 2¼	5¾	¾	3¼
1	12.00	4¼ x 2¼	5¾	¾	3¼
1¼	13.75	5 x 2¾	5¼	½	3¾
1½	18.25	5¾ x 3	6¾	½	5½
1¾	21.75	6¼ x 3¼	6¾	½	6½
1¾	23.75	6½ x 3½	6¾	½	6¾

BRONZE RUDDER COLLARS — Fig. 815



Fig. 815

For Diam. Stock Inches	Each	Outside Diameter Inches	Thickness Inches	Weight Ounces
¾	\$2.25	1½	1⅞	2¼
⅞	2.50	1¾	¾	4
1	2.75	1¾	1⅞	7
1¼	3.00	1¾	1⅞	6½
1½	4.40	2½	1⅞	11
1¾	4.60	2½	1⅞	19
1¾	5.25	2½	1⅞	19

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	\$ 9.00			8	6			
1-A	Lever	10.75			10	16-7-8			
1-B	Lever	10.75			10	16-7-8			
1-C	Lever	10.75			10	16-7-8			
2	Clevis	3.25			2½				
2-A	Clevis	3.25			2½				
2-B	Clevis	4.80			4¼				
2-C	Clevis	4.80			4¼				
3	Lever	7.00			4½	2¾			
4	Clevis	7.50			3½				
4-A	Clevis	7.50			3½				
5	Clevis	4.50			3				
5-A	Clevis	4.50			3				
6	Bracket		\$6.00	\$7.00	6½				
7	Bracket		7.00	8.00	4¼				
7-A	Bracket		7.00	8.00	4¼				
8	Bearing	3.90							
9	Shelf Plate		7.00	7.50	3¾				
10	Deck Plate		4.75	5.50					
10-A	Deck Plate		4.75	5.50					
11	Bearing	4.35							
12	Collar		2.75	3.30					
12-A	Collar		2.75	3.30					
13	Lever	9.80				6-7-8			
14	Lever	9.45				5-6			
15	Lever	9.90				5-6-7			

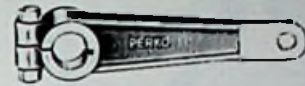
	For Diam. Shaft Inches	For Diam. Pin Inches	Diam. Bolt Inches	Tapped For Rod Inches	Tapped For Pipe Inches	Inside Jaw Inches	Width Base Inches	Diam. Flange Inches	Weight Pounds
1	1	½							1¼
1-A	1	½							2½
1-B	1½	½							2¼
1-C	1¼	½							2¼
2			½	¾		½			½
2-A			½		½	½			½
2-B			½		¾	¾			¾
2-C			½	1		¾			¾
3	1	½	¾						1
4			½		¾	½			1
4-A			½	1		½			1
5			½		¾	½			¾
5-A			½	1		½			¾
6	1						1		¾
7	1						1		¾
7-A	1½						1		¾
8	1						3½		¾
9	1						3¼		1¼
10	1						4		½
10-A	1½						4		½
11	1						3¼		1
12	1								¼
12-A	1½								¼
13	1	½							2
14	¾	½	¾						1
15	1	½	¾						1½

Depth of Bearing — No. 8, ¾ Inches — No. 9, 1 inch — No. 11, 1¼ Inches.

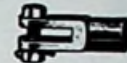
*This Applies To Long Arm — Length Short Arm To Center, 6 Inches.

**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



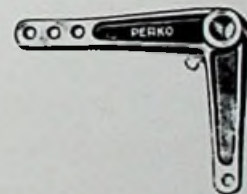
10. Deck Plate



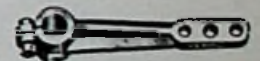
12. Collar



11. Lower Bearing



13. Angle Lever



14-15. Lever

BRASS BALL JOINTS — Fig. 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	\$.60	\$.75	¼-20	½	¾	½
2	.75	1.00	¾-18	½	¾	1
3	.60	.75	¼-28	½	¾	½



Fig. 792



Fig. 793



Fig. 710

PERKOMATIC CONTROLS — Fig. 710
For Throttle and Clutch — All Cast Bronze —
Chromium Plated

Convertible by dealer or owner to operation of twin throttles or twin clutches in a few minutes without the necessity of purchasing or using additional parts.

Entire cover is quickly removable for adjustments in length of throw, tension, etc. after installation. Cable brackets are cast bronze, very strong and rigid. An integral part of mounting frame. No magnetic metal anywhere in these controls. Detents for clutch controls are of new design, positive and informative to operator, tension is adjustable.

Each	Length Cover Inches	Width Cover Inches	Height Cover Inches	Length Cable Brackets Inches	Weight Pounds
\$48.00	5 1/2	4	3 1/2	7 1/4	7 1/4



Fig. 730
For Bowden Wire

Fig. 731
For Control Rod

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
\$12.00	5 3/4	1 1/2	2 1/8	1 3/8



Fig. 847

"SEA-WAY" THROTTLE CONTROLS — Fig. 847

Ratchet Type — For 3/8 Inch Rod —
Cast Bronze — Chromium Plated

A powerful control with a man sized handle. For mounting on top of wheel box or shelf.

A spring type ratchet inside handle hub holds control at desired position.

Chromium Plated Each	Length Handle Inches	For Rod Diam. Inches	Diam. Flange Inches	Weight Pounds
\$11.50	4 1/2	3/8	2 3/8	1



Fig. 848

"SEA-PRINCE" THROTTLE CONTROLS — Fig. 848

Ratchet Type — For Control Rod — Cast Bronze —
Chromium Plated

Same design and ability as the Sea-Way Control above but fitted with lever arm and socket for mounting on side of wheel box or bulkhead.

Length of throw is 5 inches.

*Rod socket is for 1/4, 3/8 or 1/2 inch rod.

Chromium Plated Each	Length Handle Inches	Length Lever Arm Inches	Diam. Flange Inches	Weight Pounds
\$12.50	4 1/2	3 1/2	2 3/8	1

*Supplied for 5/16 inch rod unless otherwise specified.

CLUTCH CONTROLS — Fig. 822

Cast Bronze For 1 Inch Shaft

Supplied with bulkhead bracket or shelf plate (please specify). Shaft is not included.

With 8" Handle Polished Bronze Per Set	Chromium Plated Per Set	With 10" Handle Polished Bronze Per Set	Chromium Plated Per Set	With 12" Handle Polished Bronze Per Set	Chromium Plated Per Set
\$41.00	\$43.00	\$42.50	\$44.50	\$44.75	\$46.75

SPARE PARTS

	Plain Bronze Each	Polished Bronze Each	Chromium Plated Each
Acorn Nut		\$3.10	\$3.50
Shelf Plate, Fig. 865 No. 9		7.00	7.50
Bulkhead Bracket, Fig. 865 No. 6		6.00	7.00
Lever, Fig. 865 No. 3	\$7.00		
Clevis, Fig. 865 No. 4	7.50		
Lower Bearing, Fig. 865 No. 11	4.35		

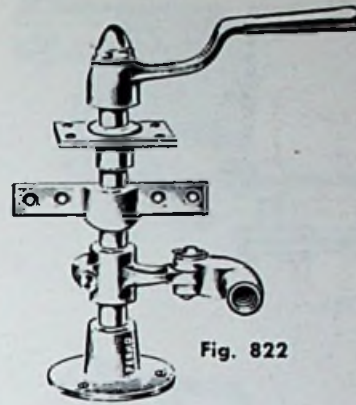


Fig. 822

CLUTCH CONTROL HANDLES — Fig. 946

Cast Bronze For 1 Inch Shaft

Used with Fig. 822 clutch control.

Length from Center of Bore Inches	Polished Bronze Each	Chromium Plated Each	Weight Pounds
8	\$12.50	\$13.25	1 3/4
10	14.00	14.75	2
12	16.25	17.00	2 1/4

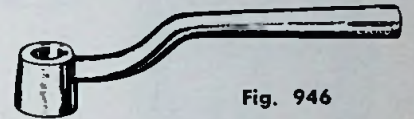


Fig. 946

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
\$3.85	4 1/8	3/8	2



Fig. 692

BOWDEN WIRE AND CASING — Fig. 353

Brass — 1/4 Inch O.D. Casing — Left Hand Lay — Wire Diameter .072 Inches

50 FOOT LENGTHS ONLY
Casing only per length \$23.00
Wire only, per length \$2.55

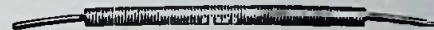


Fig. 353

BOWDEN CASING CLAMP — Fig. 352

Brass — Swivel Type — Plain

Will hold control casing firmly while swivel feature allows smooth sliding of control wire in casing at any angle.

Each	Size Base Inches	Weight Ounces
\$1.10	2 1/4 x 1	3



Fig. 352

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	\$ 9.00	\$ 8.50	3/4	1/2	4 1/2	1
2	12.00	11.75	1	3/4	6	2 1/4

Specify if for rod or pipe.



Fig. 93

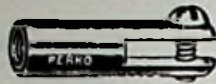


Fig. 328

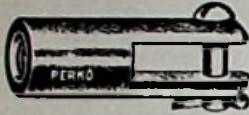


Fig. 295



Fig. 298

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	\$.70	1/4-20	3/8	1 3/8	3/8	3/8
2	.80	3/8-18	3/8	1 3/4	3/8	3/8
3	.95	3/8-16	1/2	1 3/8	1/4	3/4
		Heavy Duty Fig. 295				
4	\$1.00	1/4-20	1/2	1 3/8	1/4	3/4
4-A	1.00	1/4-28	1/2	1 3/4	1/4	3/4
5	1.00	3/8-18	1/2	1 3/4	1/4	3/4
6	1.15	3/8-16	1/2	1 3/8	1/4	1 1/8
6-A	1.15	10-32	1/2	1 3/4	1/4	3/4
		Heavy Duty Fig. 298				
7	\$.95	1/4-20	3/8	1 3/8	1/4	3/8
8	1.00	3/8-18	3/8	1 1/8	1/4	3/8
9	.95	1/4-28	3/8	1 3/8	1/4	3/8

Length jaws measured to center of pin

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	\$.70	1	3/8	1/8	1/2	1/2
2	.95	1 7/8	1/2	1/4	1 1/8	3/4

Length jaws measured to center of screw.

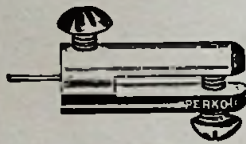


Fig. 679

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.



Fig. 6400

100% ALL 18-8 STAINLESS STEEL BAND. HOUSING AND SCREW.

Part Number	Each	Size Hose Inches		Clamp Diameter Inches		Box Quantity	Weight Per 100 in Pounds
		From	To	Min.	Max.		
10	\$.45	3/8	3/8	3/8	1 1/8	10	6
12	.45	3/8	3/4	1 1/8	1 1/4	10	6
16	.46	3/4	1	1 1/8	1 1/2	10	7
* 20	.47	1	1 1/4	1 3/8	1 3/4	10	7
* 28	.49	1 1/4	1 3/4	1 3/8	2 1/4	10	8
* 36	.51	1 3/4	2 1/4	1 3/8	2 3/4	10	9
44	.54	2 1/4	2 3/4	2 3/8	3 1/4	10	9
52	.57	3	3 1/4	2 3/8	3 3/4	10	11
56	.57	3 1/4	3 1/2	3 3/8	4	10	11
64	.60	3 1/2	4	3 3/8	4 1/2	10	12

*The most popular stock sizes.

"STRAP-TITE" MARINE HOSE CLAMPS — Fig. 499
Stainless Steel — Instantly Adjustable For Any Size Hose Up To 3 1/2 Inch

These may be used for larger sizes of hose by joining two or more clamps together, used in this way the size range is practically unlimited.

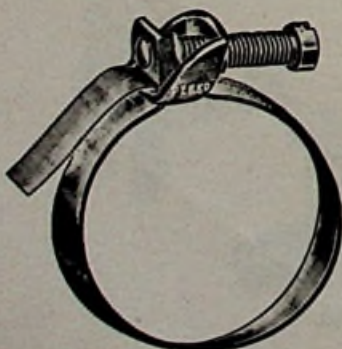


Fig. 499

No.	Each	Length Open Inches	Width Strap Inches	Box Quantity	Weight Ounces
1	\$.65	12	1/2	50	1 1/2

FLAME ARRESTERS—Fig. 464

A Flame Arrester attached to the air inlet of the carburetor eliminates the possibility of a fire being caused by backfiring through the carburetor.

Size No.	Style No.	Each	Inside Diam. Inches	Dimensions of Top Inches	Height Overall Inches
3	B-175-19A	\$16.50	1 1/2	3 3/8 x 2 3/16	2 1/8
4	B-175-14	18.75	2 1/16	4 1/8 x 2 1/16	2 3/32
5	B-175-12A	18.00	2 3/16	5 1/8 x 2 1/16	2 19/32
6	B-175-12	18.00	2 3/8	5 1/8 x 2 1/16	2 19/32
7	B-175-16	18.00	2 3/8	5 1/8 x 2 1/16	2 19/32
8	B-175-13	19.85	3	5 7/8 x 3 3/16	2 19/32



Fig. 464

SHAFT COUPLINGS — Fig. 327

Cast Iron

Diameter Shaft Inches	Each	Diameter Overall Inches	Length Overall Inches	Size Keyway Inches	Weight Pounds
3/4	\$9.50	4	3 1/2	3/16	5 1/4
7/8	9.50	4	3 1/2	1/4	5
1	9.25	4	3 1/2	1/4	4 7/8
1 1/8	9.25	4	3 1/2	1/4	4 3/4

For divided sizes such as 1x1 1/8, add \$1.80 each.
For 1/2 coupling add \$1.20 to half of above prices. No bolts furnished.

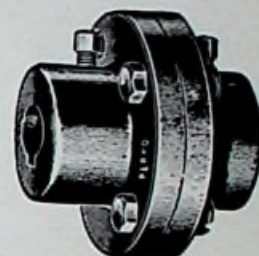


Fig. 327

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
\$17.76	\$4.92	8	4	4	3 1/2



Fig. 326

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	\$1.85	\$2.50	1 7/8	3 1/4	1/8
2	2.20	3.10	2 1/2	4	1/2
2 1/2	2.80	3.75	2 3/2	4 1/2	1/2
3	3.45	4.35	3 1/2	5 1/2	3/4
3 1/2	3.60	4.50	4 1/2	6	1

Fig. 738 for Tubing

Size	Plain Each	Chromium Plated Each	Inside Diameter Inches	Outside Diameter Inches	Weight Pounds
2	\$2.20	\$ 3.10	2 1/8	4	1/2
2 1/2	2.80	3.75	2 3/4	4 1/2	1/2
3	3.45	4.35	3 1/4	5	3/4
3 1/2	3.55	4.45	3 3/4	5 1/2	3/4
4	3.55	4.45	4 1/4	6	3/4
5	5.00	6.00	5 1/4	7 1/16	1
6	7.20	8.50	6 1/4	8 1/16	1 3/8
8	8.20	11.75	8 1/4	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 3/8 inch hose which fits over 1 1/2 inch pipe. The collar extends 3/8 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
\$4.00	\$5.80	3 1/4	1 1/16	3 1/2	1 1/8



Fig. 755



Fig. 320

STUFFING BOXES — Fig. 320

Cast Bronze — Regular

Shaft Size Inches	Each	Size Flange Inches	For Diam. Bolt Inches	C. to C. Bolt Holes Inches	Length Bearing Inches	Weight Pounds
3/8	\$ 6.25	3 3/8 x 1 3/8	3/8	2 3/8	2 1/2	1 1/2
1/2	6.50	4 x 1 3/4	1/2	2 3/8	2 1/2	1 1/2
5/8	7.25	4 1/4 x 1 3/4	5/8	3	2 3/8	1 1/2
1	8.25	4 1/2 x 2 1/8	3/4	3	2 3/8	1 1/2
1 1/8	10.50	4 3/4 x 2 1/8	7/8	3 3/8	2 3/8	2 1/4
1 1/4	12.75	5 1/4 x 2 3/8	1	4 1/8	2 3/8	3
1 3/8	16.25	6 1/4 x 3	1 1/8	4 3/8	3	3 1/4
1 1/2	18.75	6 1/2 x 3	1 1/4	5	3	3 1/2
1 3/4	29.50	7 x 3 3/4	1 3/8	5 1/2	4	5 1/2



Fig. 819

EXTRA HEAVY STUFFING BOXES — Fig. 819

Rectangular Flange — Cast Bronze

Shaft Size Inches	Each	Size Flange Inches	For Diam. Bolt Inches	C. to C. Bolt Holes Inches	Length Bearing Inches	Weight Pounds
1	\$19.00	5 x 3	1/2	3 3/4 x 1 3/4	4	5 1/2
1 1/8	21.00	5 1/2 x 3 3/8	5/8	4 1/4 x 2 1/4	4 1/4	6 1/2
1 1/4	26.00	5 3/4 x 3 3/8	3/4	4 3/4 x 2 1/4	4 1/4	6 1/2
1 3/8	32.00	6 x 4	7/8	4 3/4 x 2 1/2	5	9
1 1/2	37.00	6 x 4 1/2	1	4 1/2 x 3	5 1/2	10
1 3/4	47.00	6 1/2 x 4 1/2	1 1/8	5 1/4 x 3 1/4	7	13 1/2
2	58.00	7 1/2 x 5	1 1/4	5 3/4 x 3 3/8	7 3/4	15 1/2



Fig. 734

SELF ALIGNING STUFFING BOXES — Fig. 734

Cast Bronze — Rectangular Flange

No.	Each	For Shaft Inches	Size Flange Inches	Length from Flange to End of Box Inches	Weight Pounds
1	\$14.00	3/4	5 x 3 1/4	6 1/2	5
2	15.25	7/8	5 x 3 3/4	6 1/2	5
3	15.75	1	5 x 3 3/4	6 3/4	5
4	19.50	1 1/8	6 x 4 1/4	7 1/4	9
5	21.00	1 1/4	6 x 4 1/4	7 3/4	9 1/2
6	30.00	1 3/8	7 x 4 1/2	8	12 1/2
7	31.50	1 1/2	7 x 4 1/2	8 1/4	13

Note: Length Bearing does not include packing nut or space for packing



Fig. 73



Fig. 79

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	3/8	\$1.65	.80	320 - 672 No. 0-L
2	1/2	1.65	.80	320 & 672 No. 1-L
3	3/4	1.95	.80	672 No. 1-H & 1089
4	7/8	1.95	.80	320 & 1089
5	1	1.95	.80	672 No. 2-H
6	1 1/8	2.10	.95	320, 672 No. 3-H, 819, 1088, 1089
7	1 1/4	2.90	1.20	320, 672 No. 4, 819, 1088, 1089
8	1 1/2	2.90	1.30	672 No. 5
9	1 3/4	3.75	1.60	320, 819, 1088, 1089
10	2	4.00	1.70	320, 672, No. 6, 819, 1089
11	2 1/4	4.00	1.70	672 No. 7
12	2 1/2	4.80	1.90	320, 819, 1089
13	2 3/4	8.50	3.35	320, 819
14	3	9.25	3.95	819



Fig. 961

BRASS GREASE CUPS — Fig. 961

No.	Each	Height Closed Inches	Outside Diam. Inches	Pipe Thread Inches	Capacity Ounces
1	\$.66	1 1/4	3/8	1/8	1/4
2	.90	1 3/4	1 1/4	1/8	1/2
3	1.36	2	1 1/2	1/8	3/4

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	\$12.50	5/8	9 3/8 x 2 1/2	15	12	3 1/2
1-L	12.50	3/4	9 3/8 x 2 1/2	15	12	3 1/2
3-L	13.75	1	9 1/2 x 2 3/8	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	\$17.00	3/4	12 x 3 1/2	18	12	5 1/4
2-H	17.00	7/8	12 x 3 1/2	18	12	5 1/4
3-H	17.00	1	12 x 3 1/2	18	12	5 1/4
4	34.50	1 1/8	17 x 4 1/4	23 1/2	10	10 1/4
5	34.50	1 1/4	17 x 4 1/4	23 1/2	10	10 1/4
6	45.50	1 3/8	19 x 5	28	10	17 1/4
7	45.50	1 1/2	19 x 5	28	10	17 1/4

NOTE—Sizes Nos. 0-1-2-3 in both the lightweight and heavyweight types are drilled for screws. Balance of sizes are spotted but not drilled.



Fig. 671

SELF ALIGNING SHAFT LOGS — Fig. 589
Cast Bronze — Allows Installation of Engine Well Aft

Base is drilled for bolts or screws.

No.	Each	For Size Shaft Inches	Size Base Inches	Length Overall Inches	Degrees of Angle	Wt. Lbs.
0	\$12.50	5/8 or 3/4	9x4	10	9	3 1/2
1	18.25	3/4	11x5	12 1/4	13	6
2	18.25	7/8	11x5	12 1/4	13	6
3	18.25	1	11x5	12 1/4	13	6
4	29.50	1 1/8	13x5 1/2	14 1/2	14	10
5	29.50	1 1/4	13x5 1/2	14 1/2	14	10

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



Fig. 589



Fig. 672

STUFFING BOX, EXTRA HOSE AND CLAMPS —
Figs. 672, 673 and 1092 For Self Aligning Shaft Log

For Log No.	Size Shaft Inches	Stuffing Box Each	Hose Each	Hose Clamps Per Pair	I. D. Hose Inches	Length Hose Inches
0-L	5/8	\$ 5.50	\$.90	\$.95	1 1/2	3 1/2
1-L	3/4	5.50	.90	.95	1 1/4	3 1/2
3-L	1	6.00	1.05	1.00	1 1/2	3 1/2
1-H	3/4	6.75	1.20	1.00	1 3/4	4
2-H	7/8	6.75	1.20	1.00	1 3/4	4
3-H	1	6.75	1.20	1.00	1 3/4	4
4	1 1/8	11.00	3.00	1.10	2 3/4	5
5	1 1/4	11.00	3.00	1.10	2 3/4	5
6	1 3/8	16.00	3.00	1.15	2 3/4	5
7	1 1/2	16.00	3.00	1.15	2 3/4	5



Fig. 673



Fig. 1092

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 1/4
7/8	3	5 1/2	3 1/2	6 1/4
1	3	5 1/2	4	6 1/4
1 1/8	3	5 1/2	4 1/2	6 1/4
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



Fig. 1019

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	18.50	20.00	22.00	22.00			
6	19.25	21.00	23.00	23.00	31.00	31.50	35.50
7	20.50	22.50	25.00	25.00	33.00	34.00	37.25
8	21.50	23.50	25.50	25.50	35.00	36.50	39.00
9			27.50	27.50	37.00	40.00	41.50
10			28.50	28.50	38.50	41.00	43.50
11					51.00	51.00	51.00
12					53.00	53.00	53.00

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



UNIVERSAL STRUTS — Fig. 1055

Cast Manganese Bronze — For Cutless Rubber Bearings

These struts can be made any length shorter than standard by sliding the shank up through the base to the required length. The necessary angle for the shaft is also obtained in the same way. 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.

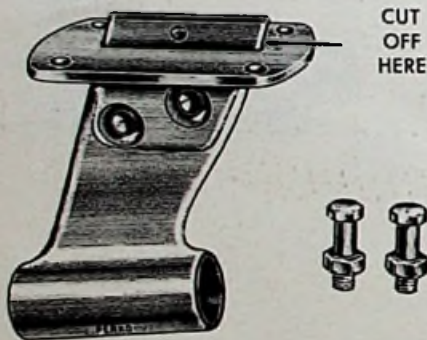


Fig. 1055

No.	Without Bearing Each	For Diam. Shaft Inches	For Cutless Bearing Code	Length Bearing Inches	Weight Pounds
1	\$25.00	3/4	Kale	3	6
2	25.00	7/8	Katy	3 1/2	6
3	25.00	1	Kava	4	6
4	29.00	1 1/8	Kersey	4 1/2	7 1/2
5	29.00	1 1/4	Kibble	5	7 1/2



NEW 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	3/4	\$17.25	2 1/2 x 2 3/4	4 1/4	3 1/4	1 1/2



Fig. 493-A



NEW FUEL FILTER — Fig. 303

Cast Bronze with Mounting Bracket — Brass Bowl — "Kwick Clean" Filter Element

Complete Each	Tapped For Pipe Inches	Length Overall Inches	Width Overall Inches	Weight Pounds
\$11.75	3/4	4	3 1/4	1 1/2



Fig. 303

IMPROVED FUEL STRAINER — Fig. 299

Cast Bronze Housing — With "Kwick Klean" Filter Elements And Corprene Gaskets
For Gasoline — Diesel Fuel — Lubricating Oil

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 or compressed air.

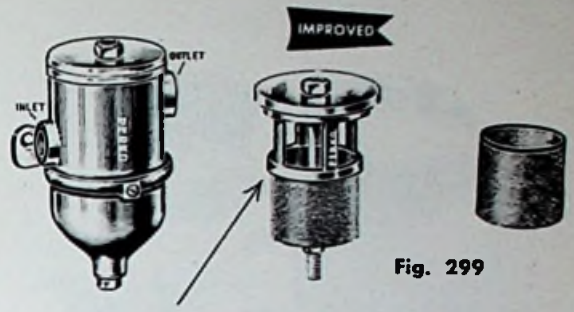


Fig. 299

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	\$17.50	\$.90	5½	2½	¼	3¾
1-B	17.50	.90	5½	2¾	¾	3¾
1½-A	25.25	1.00	6¼	3¼	¾	6
1½-B	25.25	1.00	6¼	3½	½	6
2-A	32.50	1.35	7¼	3¾	½	8
2-B	32.50	1.35	7¼	3¾	¾	8

INTAKE WATER STRAINERS — Fig. 493

Cast Bronze — Stainless Steel Strainer — Transparent Lucite Cylinder

For installation between hull connection and water pump to the engine. Lucite cylinders are difficult to break even when struck with hammer. Gaskets are corprene, (neoprene and cork) waterproof and resilient.

No.	Complete Each	Spare Lucite Cylinders Each	Spare Cylinder Gaskets Each	Spare Strainers Each
1	\$25.00	\$ 5.00	\$.35	\$ 2.40
2	31.50	6.25	.45	3.75
3	33.00	6.50	.45	4.20
4	35.00	7.50	.45	4.75
5	53.50	11.00	.75	5.50
6	66.00	15.50	.75	8.00
7	89.00	15.50	.75	8.00

Spare Wing Nut Gaskets — \$.12 each.

No.	Pipe Size Inches	Size Cylinder Inches	Height Inches	Width Overall Inches	Weight Pounds
1	½	3½x4	5¾	4½	3¾
2	¾	4½x5	7¾	5¼	5
3	1	4½x5½	8½	5½	5½
4	1¼	4½x6	8¾	5½	5¾
5	1½	6 x8	11½	7	10½
6	2	6 x12	16	7¼	12¾
7	2½	6 x 12	16	7½	17

Height does not include top nut or drain plug.



Fig. 493

INTAKE WATER STRAINERS

FOR DIESEL ENGINES — Fig. 512

Large Size — High Capacity — Cast Bronze With Stainless Steel Strainer — Transparent Lucite Cylinder — Double Mounting Brackets and Tie Rods

No.	Complete Each	Spare Lucite Cylinder Each	Spare Cylinder Gaskets Each	Spare Strainers Each
6	\$114.00	\$19.50	\$1.50	\$ 9.00
7	122.00	24.00	1.50	10.00
8	130.00	28.50	1.50	11.00

No.	Pipe Size Inches	Size Cylinder Inches	Height Inches	Width Overall Inches	Weight Pounds
6	2	8 x 10	14½	10½	33
7	2½	8 x 12	16½	10½	33
8	3	8 x 14	18½	10½	33

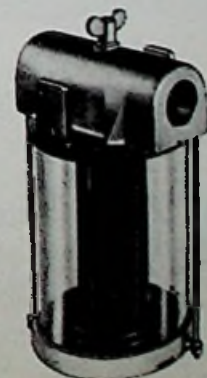


Fig. 512

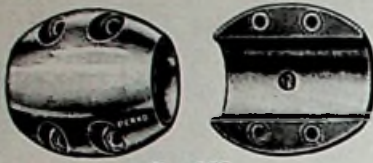


Fig. 252



Fig. 253



Fig. 407

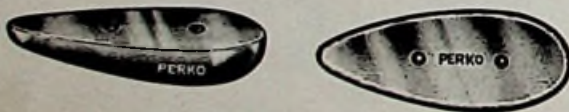


Fig. 244

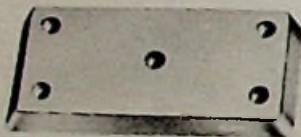


Fig. 345

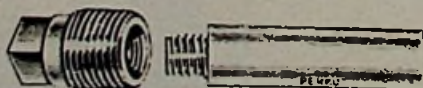


Fig. 254

ELECTROLYSIS COLLARS — Fig. 252

Streamlined Zinc Die Casting — Precision Made And Balanced — For Shaft

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.

No.	Each	Shaft Size Inches	Length Overall Inches	Diam. Overall Inches	Weight Pounds
1	\$1.75	3/4	2	2	3/4
2	1.75	7/8	2	2	3/4
3	1.85	1	2 1/4	2 1/4	1 1/8
4	1.85	1 1/8	2 1/4	2 1/4	1 1/8
5	1.85	1 1/4	2 1/4	2 1/4	1 1/8
6	2.40	1 3/8	2 3/4	2 1/2	1 3/8
7	2.40	1 1/2	2 3/4	2 1/2	1 3/8
8	3.20	1 3/4	2 3/8	3 1/4	2 1/2
9	3.20	2	2 3/8	3 1/4	2 1/2

Fig. 253 — Zinc Sand Castings

* 9 -A	5.00	2 1/4	1 3/4	5	4 1/4
* 10	4.75	2 1/2	1 3/4	5	4
* 11	4.50	3	1 3/4	5	4



ELECTROLYSIS ELIMINATORS — Fig. 407

For Rudders — Smooth Zinc Die Castings — Silicon Bronze Flush Bolt — With Hex Nut

Per Set as Illustrated	Diameter Inches	Thickness Each Half Inches	Weight Complete Ounces
\$1.80	2 1/16	5/8	16



ELECTROLYSIS ELIMINATORS — Fig. 244

Die Cast — Pure Zinc — For Hull

No.	Each	Length Inches	Width Inches	Depth Inches	Weight
1	\$.70	3 1/2	1 3/4	5/8	6 1/2 oz.
2	1.30	5 1/4	2 1/8	1	1 1/4 lb.



ELECTROLYSIS ELIMINATORS — Fig. 345

Die Cast Zinc — For Hull

Each	Length Inches	Width Inches	Thickness Inches	Weight Pounds
\$2.20	6 1/4	2 3/4	5/8	1 7/8



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	\$1.40	\$.65	3/8	3/8 x 1 3/4	2
2	1.75	.80	1/2	3/8 x 2	4 1/2
3	2.20	1.00	3/4	3/4 x 2	7
4	2.40	1.20	3/4	3/4 x 3 1/4	8 1/2

PIPE DECK PLATES — Fig. 528

Cast Bronze — With Key — I. P. S. Thread

Top of flange has been beveled so edges fit as close to deck as possible. This improvement is especially desirable for fiber glass boats. Words "water," "gas," "oil" or "fuel" show in flange of all sizes except ¾ inch when specified. Otherwise unmarked deck plates will be shipped. Note, markings are in flange instead of cap which makes it easy to identify opening when cap is removed.

Pipe Size Inches	Machine Finish Complete Each	Polished Chromium Plated Complete Each	Keys Only Each	Outside Diam. Plate Inches	Weight Pounds
* ¾	\$ 3.40	\$ 4.85	\$.20	2½	½
* 1	4.00	5.50	.20	2½	¾
* 1¼	5.00	6.75	.20	3¼	¾
* 1½	6.00	7.75	.20	3½	1
* 2	8.95	10.90	.30	4¼	1½
2½	11.65	13.65	.45	4½	2
3	16.00	18.00	.55	5½	2½

Caps only, price is 50% of complete plate.
*Supplied with new key Fig. 1248.

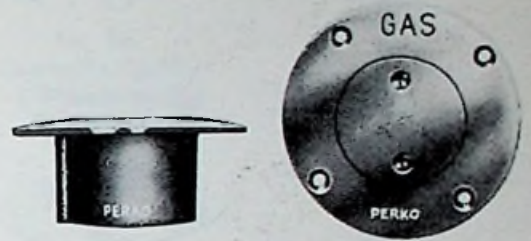


Fig. 528

★
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	Weight Pounds
* 1	\$ 3.30	\$ 4.75	\$.20	2½	½
* 1½	4.15	5.75	.20	3¼	¾
* 2	4.85	6.75	.30	3½	¾
* 2½	6.25	8.25	.30	4½	1
3	7.75	10.60	.65	4½	1½
3½	11.00	12.35	.70	5½	1¾
4	11.25	13.75	.70	5½	2
5	15.85	18.50	.85	7¼	2¾
6	25.00	28.50	1.55	8¼	5
8	36.00	39.50	2.20	10¼	7

Caps only, price is 50% of complete plate.
*Supplied with new key Fig. 1248.



Fig. 526

★
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	\$ 6.50	\$ 8.75	\$ 9.25	3¾	¾
2½	7.85	10.50	11.00	4½	1¼
3	10.00	11.75	13.50	4¾	1¾
3½	11.00	14.50	15.50	5½	2
4	13.75	17.50	18.50	5¾	2½
5	18.25	22.00	23.00	7¼	3½
6	28.00	33.50	35.00	8¼	6¼
8	42.00	46.00	47.50	10¼	8½

Complete with key and extra ring for cowl.



Fig. 527

★
SWIVEL DECK PLATES — Fig. 419

Cast Bronze — For Cowl Ventilators

For Size Ventilator Inches	Opening in Base Inches	Machine Finish Each
3	2¼	\$ 8.00
4	3½	11.00
5	4½	14.00
6	5	20.00
8	7	26.00
10	9¼	38.00

Permits cowl to be turned to any direction.



Fig. 419

★
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.

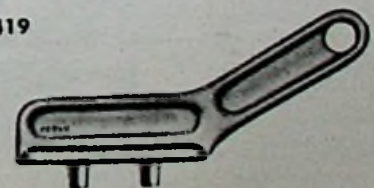


Fig. 1248



Fig. 1245



Fig. 520

GAS TANK CAP – Fig. 1245
 With Deck Flange And 15 Inches Of Chain –
 Zamak Die Castings – Chromium Plated

Each	Threaded for Pipe Inches	Height Overall Inches	Diam. Deck Flange Inches	For Screw No.	Weight Ounces	Packed Per Box
\$2.50	1 1/2	1 1/8	3 3/8	7	9 1/2	6

Spare caps only with chain, \$1.80 each.

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	\$7.00	1 1/2	1 3/16	3 1/4	8	9 1/2
2	9.00	2	1 3/16	3 3/8	8	15



Fig. 1251



Fig. 1297

NEW 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	\$3.90	1 1/4	1 1/2	3 1/4	4 1/4	1
2	3.90	1 5/8	1 7/8	3 1/4	4 1/4	1 1/4

NEW GAS TANK FILLER WITH LOCKING CAP – Fig. 1297
 Zamak Die Casting – Brass Tumbler Lock with Keys –
 Chromium Plated

No.	Each	Inside Diameter Neck Inches	For Hose Inches	Length Neck Inches	Height Overall Inches	Weight Pounds
1	\$6.85	1 1/4	1 1/2	3 1/4	4 1/2	1
2	6.85	1 5/8	1 7/8	3 1/4	4 1/2	1 1/4

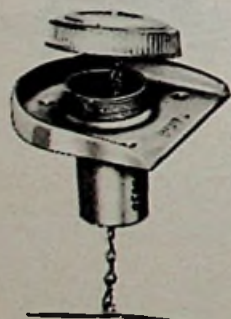


Fig. 1276



Fig. 1298

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 brass safety chain which runs through filler pipe.

No.	Each	Inside Diameter Neck Inches	For Hose Inches	Length Neck Inches	Flange Dimensions Inches	Weight Ounces
1	\$4.75	1 1/4	1 1/2	3 1/4	4 x 4	9
2	4.75	1 5/8	1 7/8	3 1/4	4 x 4	11

NEW GAS TANK FILLER WITH SPLASH GUARD AND LOCKING CAP – Fig. 1298
 Zamak Die Casting – Brass Tumbler Lock with Keys –
 Chromium Plated

No.	Each	Inside Diameter Neck Inches	For Hose Inches	Length Neck Inches	Flange Dimensions Inches	Weight Pounds
1	\$7.25	1 1/4	1 1/2	3 1/4	4 x 4	1 1/2
2	7.25	1 5/8	1 7/8	3 1/4	4 x 4	1 3/4

GAS TANK VENTS — Figs. 506 & 509

Natural or Chromium Plated Finish

Natural finish is desirable when fitting is to be painted to match color of hull or transom. Bronze wool screening guards against moisture and dirt.

Fig.	Size No.	Natural Finish Each	Chromium Plated Each	Pipe Size Inches	Hose Size Inches	Max. Wood Thickness Inches	Weight Ounces
506		\$1.35	\$1.60	3/8	7/16	1	2
509	1	2.20	\$2.95	3/8	7/16	1	4
509	2	2.75	3.75	1/2	5/8	7/8	6



Fig. 506
Zamak Die Casting
Fig. 509
Cast Bronze

GAS TANK VENTS — Fig. 503

Cast Bronze — With Flanged Elbow — Bronze Wool Screen

No.	Plain Each	Chromium Plated Each	Neck Pipe Size Inches	Elbow Pipe Size Inches	Max. Wood Thickness Inches	Weight Ounces
1	\$2.70	\$3.40	3/8	3/8 x 3/8	1	5 1/2
2	2.70	3.40	3/8	3/8 x 1/2	1	5 1/2
3	3.25	4.25	1/2	1/2 x 1/2	7/8	6



Fig. 503

GAS TANK VENTS — Fig. 515

Cast Bronze — With Bronze Wool Screening

No.	Natural Finish Each	Chromium Plated Each	Pipe Size Inches	Max. Wood Thickness Inches	Weight Ounces
1	\$2.20	\$2.95	3/8	7/8	3 3/4
2	2.75	3.75	1/2	7/8	5 1/4



Fig. 515

DECK PLATE KEY — Fig. 827

Stainless Steel

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

Each	Length Overall Inches	Diameter Metal Inches	Weight Ounces
\$1.00	5 3/4	3/16	1 3/4

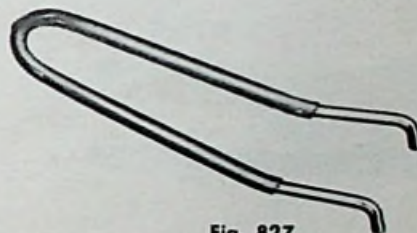


Fig. 827

DECK PLATE KEY — Fig. 826

Cast Bronze — Adjustable to all sizes of Deck Plates — Improved Unbreakable Pins — Heavy Duty

Will fit all sizes of deck plates up to 8 inch diameter, making it unnecessary to have separate keys for each plate.

Each	Length Overall Inches	Weight Pounds
\$3.00	8 1/2	1

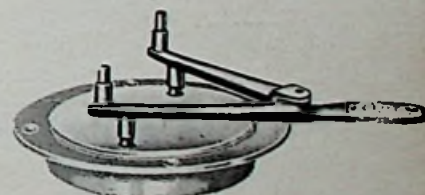


Fig. 826

COCKPIT SCUPPER — Fig. 142

Cast Bronze — With Rubber Ball — Back Water Check

Especially needed in sailboats when outlet is below the waterline.

Angle of outlet is 45 degrees.

No.	Plain Each	Chromium Plated Each	Diameter Flange Inches	Diameter Grate Inches	For Hose Diameter Inches	Weight Pounds
1	\$ 7.00	\$ 9.00	3 1/4	1 3/4	1	1 1/4
2	10.25	12.25	3 3/4	2 1/4	1 1/2	2

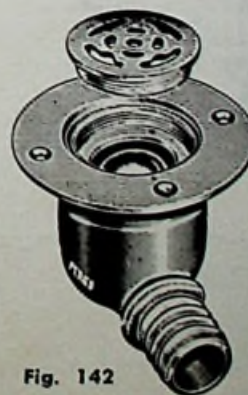


Fig. 142

PERKINS MARINE LAMP & HARDWARE CORP.



Fig. 850 — Bronze
Fig. 566 — Zamak

CAST BRONZE STREAMLINE CLEATS — Fig. 850
Chromium Plated

Length Inches	Chromium Plated Each	Size Base Inches	For Diam. Rope Inches	For Screw No.	Packed Per Box	Weight Ounces
3	\$2.55	2 ⁵ / ₈ x 1 ³ / ₈	3/8	8	10	4
4 ¹ / ₂	4.75	4 ¹ / ₄ x 1 ³ / ₄	5/8	10	5	10



STREAMLINE CLEATS — Fig. 566

Zamak Die Castings — Chromium Plated — Solid Base

Length Inches	Chromium Plated Each	Size Base Inches	For Diam. Rope Inches	For Screw No.	Packed Per Box	Weight Ounces
2	\$.55	2 ³ / ₁₆ x 1 ¹ / ₈	5/16	6	10	2
3	.75	3 ¹ / ₈ x 1 ¹ / ₂	3/8	8	10	4 ¹ / ₂
4 ¹ / ₂	1.15	4 ⁷ / ₁₆ x 1 ⁷ / ₈	1/2	10	10	9
6	1.90	5 ¹ / ₂ x 2	3/4	12	5	13 ¹ / ₂
7 ¹ / ₂	4.15	4 ³ / ₈ x 2 ³ / ₄	1	12	5	24



CAST BRONZE MODERN DESIGN CLEATS — Fig. 851
Chromium Plated

Length Inches	Chromium Plated Each	Size Base Inches	For Diam. Rope Inches	For Screw No.	Packed Per Box	Weight Ounces
3	\$2.50	1 ³ / ₈ x 1 ³ / ₈	3/8	8	10	2 ¹ / ₂
4 ¹ / ₂	3.25	1 ³ / ₄ x 1 ¹ / ₂	5/8	8	10	6



MODERN DESIGN CLEATS — Fig. 1250
Zamak Die Castings — Chromium Plated

Length Inches	Chromium Plated Each	Size Base Inches	For Diam. Rope Inches	For Screw No.	Packed Per Box	Weight Ounces
3	\$.80	1 ¹ / ₂ x 1 ¹ / ₄	3/8	8	30	2 ¹ / ₂
4 ¹ / ₂	1.25	1 ⁷ / ₈ x 1 ¹ / ₂	1/2	8	10	8
6	1.95	2 ¹ / ₄ x 2 ³ / ₈	3/4	10	5	13



"STURDY" CLEATS — Fig. 1200
Zamak Die Casting — Chromium Plated

No.	Length Inches	Each	Size Base Inches	For Rope Inches	For Screw No.	Weight Ounces
*1	2 ³ / ₈	\$.70	7/8 x 1/2	3/8	8	1 ¹ / ₄
2	3 ¹ / ₂	.85	1-3/16 x 11/16	1/2	8	3
3	5	1.30	1-7/16 x 1	5/8	10	7 ¹ / ₄
4	6 ¹ / ₂	2.00	1-3/4 x 1-3/16	3/4	10	11

*Size No. 1 provides a perfect fender cleat.



"STURDY" CLEAT WITH STUDS — Fig. 1204
Zamak Die Casting — Chromium Plated —
Studs 1/4"-20 x 1 1/4" Long — With Nuts and Washers

No.	Length Inches	Each	Size Base Inches	For Rope Inches	Weight Ounces
2	3 ¹ / ₂	\$1.25	1-3/16 x 11/16	1/2	3 ¹ / ₄
3	5	1.60	1-7/16 x 1	5/8	7 ¹ / ₂
4	6 ¹ / ₂	2.35	1-3/4 x 1-3/16	3/4	11 ¹ / ₂



DOUBLE JAM CLEATS — Fig. 1030
Cast Bronze — Polished

No.	Polished Bronze Each	Chromium Plated Each	Length Overall Inches	Width Inches	For Screw No.	Packed Per Box	Weight Ounces
0	\$1.95	\$2.15	3	3/8	6	12	2
1	2.35	2.60	4	1/2	7	12	3 ¹ / ₂
2	3.15	3.45	5	3/4	8	12	5 ¹ / ₂



Fig. 1200

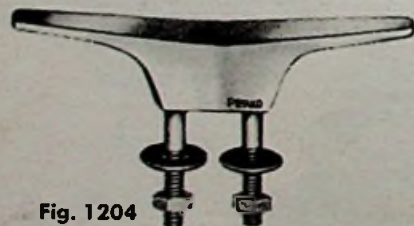


Fig. 1204



Fig. 1030

SOLID BASE BOAT CLEATS — Fig. 544-A

Cast Bronze

Length Inches	Polished Bronze Each	Chromium Plated Each	For Screw No.	Packed Per Box	Weight Ounces
3	\$1.75	\$1.90	8	10	2½
4	2.10	2.30	10	10	4
5	3.00	3.30	¼"	10	5½
6	3.60	3.85	¼"	10	8

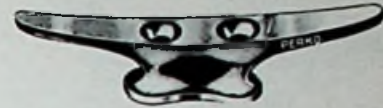


Fig. 544-A

OPEN BASE BOAT CLEATS — Fig. 544

Galvanized Iron Or Cast Bronze

Length Inches	Cast Iron Each	Mall Iron Each	Polished Bronze Each	Chromium Plated Each	Galv. Weight Pounds
3½	\$.30	\$.35			⅜
4	.35	.40	See Figure		¼
5	.50	.55	544 A		⅜
6	.75	1.00			½
8	1.35	1.80	\$ 5.80	\$ 6.15	1¼
10	2.25	2.75	9.90	10.25	2¼
12	3.15	3.80	13.75	14.50	3¾
14	4.50	6.50			6¼

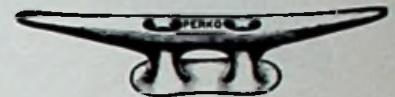


Fig. 544

Galvanized cleats supplied in cast unless otherwise specified.

NEW CAST ALUMINUM CLEATS — Fig. 545

Plain Finish

Length Inches	Each	Size Base Inches	For Screw No.	Weight Ounces
3	\$.36	1½ x ⅝	8	1½
4	.45	1⅝ x ¾	10	2
5	.55	2 x ⅞	¼"	3
6	.75	2¼ x ⅞	¼"	4
*8	.90	2⅝ x 1⅛	¼"	5
*10	1.75	3⅝ x 1¼	⅝"	9
*12	2.25	4 x 1½	⅝"	14

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



Fig. 545



YACHT CLEATS — Fig. 572

Cast Bronze

Length Inches	Polished Bronze Each	Chromium Plated Each	For Screw No.	Weight Pounds	Packed Per Box
4½	\$ 3.75	\$ 4.00	10	½	10
5½	4.30	4.60	10	⅝	5
6½	5.60	5.95	12	¾	5
*8	6.10	6.65	¼"	1¼	
*10	9.00	10.00	⅝"	2	
*12	14.00	15.40	¾"	3	

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

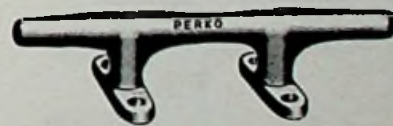


Fig. 572

NEW 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	\$3.20	4 x 2¼	½"	1⅞
10	4.25	4½ x 3	½"	1¾
12	6.50	6½ x 2⅞	⅝"	3½
15	9.75	7 x 3¼	¾"	4⅞



Fig. 530



"STURDY" CHOCKS — Fig. 1292
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
\$1.90	4 1/2	1	1/2	10	8



MODERN DESIGN BOW CHOCKS — Fig. 852
Cast Bronze — Chromium Plated



Fig. 852

Per Pair	Length Overall Inches	Width Base Inches	For Diam. Rope Inches	For Screw No.	Packed Pairs Per Box	Weight Per Pair Ounces
\$6.90	4	1 1/8	1/2	8	10	10



MODERN DESIGN BOW CHOCKS — Fig. 1253
Zamak Die Castings — Chromium Plated



Fig. 1253

Per Pair	Length Overall Inches	Width Base Inches	For Diam. Rope Inches	For Screw No.	Packed Pairs Per Box	Weight Per Pair Ounces
\$1.60	4	1 1/8	1/2	10	10	7



BOW CHOCKS — Fig. 546
Galvanized Or Bronze



Fig. 546

Lgth. Inches	Galv. Iron Per Pair	Polished Bronze Per Pair	Chrome Plated Per Pair	Width Inches	For Diam. Rope Inches	Bronze For Screw No.	Wt. Per Pair Lbs.
3	\$.65	\$ 2.75	\$ 3.25	3/8	1/2	8	1/4
4	.75	3.65	4.10	3/8	3/4	10	1/2
5	1.40	7.10	7.70	3/8	7/8	10	1
6	2.30	9.50	10.25	1	1	14	1 1/2
8	3.50	13.50	14.60	1 1/4	1 1/8	14	3



SKENE BOW CHOCKS — Fig. 1223
Zamak Die Casting — Chromium Plated



Fig. 1223

Per Pair	Length Overall Inches	Width Base Inches	For Diam. Rope Inches	For Screw No.	Packed Pairs Per Box	Weight Per Pair Ounces
\$1.15	3 1/2	3/8	3/8	8	10	4



STRAIGHT STERN CHOCKS — Fig. 119
Galvanized Or Cast Bronze



Fig. 119

Lgth. Inches	Galv. Iron Each	Polished Bronze Each	Chrome Plated Each	Width Inches	For Diam. Rope Inches	Bronze For Screw No.	Wt. Each lbs.
4	\$.50	\$3.00	\$3.45	3/8	3/4	8	1/4
5	.70	4.25	4.50	1	3/4	10	1/2
6	1.10	4.85	5.10	1 1/8	1	12	3/4
8	2.30	8.10	8.80	1 1/2	1 1/8	14	1 1/2
10	3.75			1 3/4	1 1/2	1 1/2"	2 3/4
12	7.00			2 3/8	1 3/4	3/4"	7 1/2

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 Ounces	Packed Pairs Per Box
\$1.90	4	1	½	10	3½	10



Fig. 1240

SKENE BOW CHOCKS — Fig. 160

Cast Bronze

Size No.	Polished Bronze Per Pair	Chromium Plated Per Pair	Length Inches	Width Inches	Opening Inches	Weight Per Pair Pounds
1	\$ 6.95	\$ 7.70	4½	¾	¾	¾
2	10.45	11.15	5½	1¼	¾	1½
3	20.00	21.00	7¼	1¾	1	4



Fig. 160

SKENE STERN CHOCKS — Fig. 161

Cast Bronze

Size No.	Polished Bronze Each	Chromium Plated Each	Length Inches	Width Inches	Opening Inches	Weight Each Pounds
11	\$ 3.40	\$ 4.00	4	¾	¾	½
12	6.80	7.40	5¼	1¼	1	1
13	10.00	10.75	7	1½	1¼	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
\$5.50	\$7.50	4¼x6¼	2¼x4	1¼	1¼



Fig. 752

COMBINATION BITT AND ROPE DECK PIPES — Fig. 431

Cast Bronze

No.	Polished Bronze Each	Chromium Plated Each	Size Base Inches	Height Inches	For Diam. Rope Inches	Weight Pounds
2	\$12.50	\$13.00	4¼x4¼	3½	¾	1½
3	23.00	23.75	6 x6	5	1	4
4	48.00	50.50	7 x7	6½	1¼	12

- No. 2 Drilled for ¼ inch bolt.
- No. 3 Drilled for ⅜ inch bolt.
- No. 4 Drilled for ½ inch bolt.

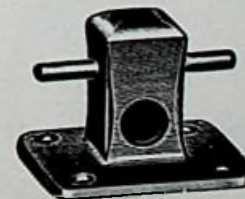


Fig. 431

MOORING BITTS — Fig. 608

Cast Bronze

No.	Polished Bronze Each	Chromium Plated Each	Size Base Inches	Height Inches	For Screw No.	Weight Pounds
1	\$ 6.50	\$ 7.45	3 x3	2½	10	¾
2	11.50	12.00	4¼x4¼	3½	¼"	1¾
3	22.00	22.75	6 x6	5	⅜"	4½
4	46.00	48.50	7 x7	6½	½"	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 new 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
\$12.75	5 1/4 x 4	3 3/4 x 2 1/2	1 3/8	2



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
\$7.00	\$2.80	1	1 3/4	3 3/8	3/4	1/2



Fig. 741

ROPE DECK PIPES — Fig. 741
Cast Bronze

No.	Chromium Plated Each	For Diam. Rope Inches	Inside Diam. Inches	Diam. Flange Inches	Weight Pounds
0	\$ 6.50	3/8	1 1/4	3	3/4
1	10.40	3/4 & 1	1 3/8	4 1/4	1 1/8

All sizes Drilled for No. 8 F.H. screw.
Spare caps with Chain, half of above prices.



Fig. 1246

FENDER HOOKS — Fig. 1246
Zamak Die Casting — Chromium Plated

Redesigned to more modern lines and has lip to keep fender line from jumping out.

Chromium Plated Each	For Rope Diameter Inches	Size Plate Inches	For Screw No.	Packed Per Box	Weight Ounces
\$.50	3/8	1 3/4 x 1 1/4	6	25	1 1/4

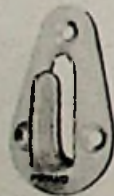


Fig. 547

FENDER HOOKS — Fig. 547
Brass

Bright Brass Each	Chromium Plated Each	For Rope Diam. Inches	Size Plate Inches	Weight Ounces
\$.50	\$.85	3/8	1 5/8 x 1 1/4	1 1/4

For No. 6 screw, packaged 25 per box.



Fig. 1299

NEW 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
\$.90	1 1/2	3/8	1

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
\$2.50	6	5/16	3 1/4	2 1/2	10



WATER SKI TOWING HOOK--Fig. 861
Cast Bronze

Link prevents tow line from jumping out. This unit also serves as a chock or hook for dock line.

Plain Each	Chromium Plated Each	Length Overall Inches	Width Inches	For Screw No.	Weight Pounds
\$2.60	\$5.00	3 1/4	1 1/4	12	1/2



RING BUOY HOLDERS -- Fig. 1017
Cast Bronze

Plain Bronze Each	Polished Bronze Each	Chromium Plated Each	Width Mounting Plate Inches	Hgt. Overall Inches	For Screw No.	Wt. Lbs.
\$2.10	\$3.95	\$4.40	3	4 1/2	8	1/2



CURVED REAR VIEW MIRROR -- Fig. 406
Wide Vision -- Non-Glare -- Lead Backed Glass --
Salt Spray Tested -- Zamak Die Cast Base --
Chromium Plated

Each	Width Mirror Inches	Height Mirror Inches	Height Overall Inches	Size Base Inches	Weight Pounds
\$8.50	12	2 3/4	4 1/2	3 3/4 x 3/4	3/4



CURVED REAR VIEW MIRROR -- Fig. 400
Wide Vision -- Non-Glare Glass --
For Mounting On Top Of Windshield -- Adjustable

Each	Width Mirror Inches	Height Mirror Inches	Weight Pounds
\$6.25	11 3/8	2 1/2	1 1/2



GASOLINE FUNNELS -- Fig. 81
Galvanized Sheet Metal --
With No. 100 Mesh Bronze Removable Strainer

Each	Diam. Top Inches	Height Inches	Capacity Pints	Weight Ounces
\$3.30	8	8 1/2	2	8

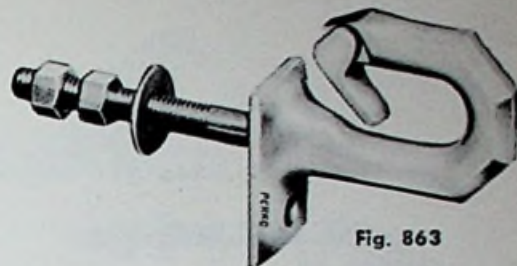
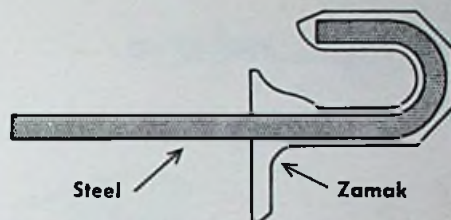


Fig. 863



Steel Zamak



Fig. 861



Fig. 1017



Fig. 406



Fig. 400



Fig. 81

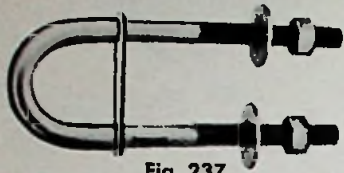


Fig. 237

BOW EYES — Fig. 237
18 - 8 Stainless Steel — Polished

No.	Each	Length Shank Inches	Diameter Metal Inches	Length Thread Inches	Inside Eye Inches	Weight Ounces
1	\$2.25	3	5/16	2 1/16	1	4
2	2.90	6	5/16	3 3/8	1	5 1/2

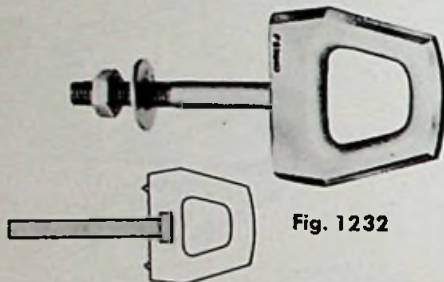


Fig. 1232

BOW EYES — Fig. 1232
Die Cast Zamak Eye — Chromium Plated —
Forged Steel Shank, Nut and Washer

Eye is die cast around the square head of shank as illustrated. Cannot pull out. Very strong.

No.	Each	Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Eye Inside Inches	Weight Ounces
1	\$1.60	3	2 1/2	3/8	1	10
2	1.75	6	3 1/2	3/8	1	11 1/2

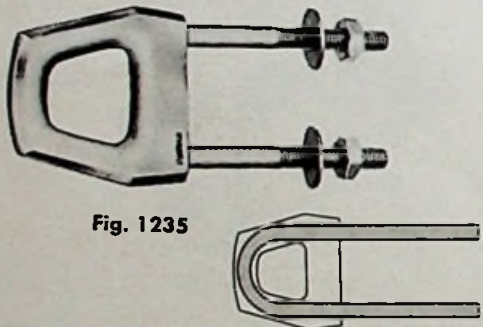


Fig. 1235

BOW EYES — Fig. 1235
Die Cast Zamak Eye — Chromium Plated —
Forged Steel Shanks, Nut and Washer —
Shanks Are One Continuous "U" Bolt Cast Inside Eye

No.	Each	Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Inside Eye Inches	Weight Ounces
1	\$1.75	3	2 3/4	5/16	1	11
2	1.90	5 3/4	3 1/2	5/16	1	12 1/2

Note illustration of "U" bolt which provides greater strength

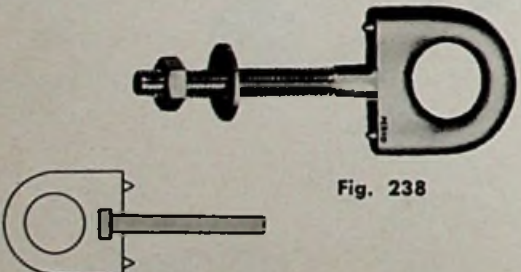


Fig. 238

BOW EYES — Fig. 238
Cast Bronze — Steel Shank

Bronze eye is cast around the square head of shank as illustrated. Strength has been greatly improved.

No.	Nickel Plated Bronze Each	Chromium Plated Each	I. D. Eye Inches	Length Shank Inches	Diameter Shank Inches	Length Thread Inches	Weight Ounces
1	\$2.75	\$3.45	1 5/16	3	3/8	2 1/2	11
2	3.00	3.75	1 5/16	6	3/8	3 1/2	13
3	3.75	5.25	1 5/16	6	1/2	3 1/2	16

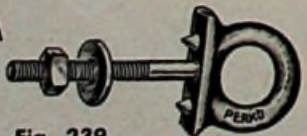


Fig. 239

NEW BOW EYES — Fig. 239
Drop Forged Bronze — Extra Strong Shank

No.	Dull Bronze Each	Chromium Plated Each	I.D. Eye Inches	Lgth. Shank Inches	Diam. Shank Inches	Weight Ounces
1	\$2.20	\$2.60	1	3 1/8	3/8	5 1/2
2	3.00	3.40	1	6	3/8	7

RINGS WITH STRAPS – Fig. 1020

Cast Bronze

Plain Bronze Each	Chromium Plated Each	Size Strap Inches	For Screw No.	Weight Ounces
\$1.20	\$2.65	4½ x ¾	8	4½



Fig. 1020

★
RING ON PLATE – Fig. 182

Cast Bronze – Streamline Pattern

No.	Chromium Plated Each	Length Base Inches	Width Base Inches	Size of Ring Inches	Weight Ounces
1	\$3.00	2¾	1½	¾ x 1¼	2¾
2	3.40	3¼	1¾	¾ x 1½	3½

Drilled for No. 8 Screw.



Fig. 182

★
RING ON PLATE – Fig. 607

Galvanized Drop Forged Steel

No.	Galvanized Each	Size Ring Inches	Size Plate Inches	For Screw No.	Weight Per 100 Pounds
1	\$1.35	¾ x 1½	2¼ x 2¼ x ¼	12	33
2	1.65	¾ x 2	2¼ x 2¼ x ¼	12	50



Fig. 607

★
TOWING OR LIFTING EYE – Fig. 416

Cast Manganese Bronze

Plain Bronze, ea.	Chromium Plated ea.	Overall Length Inches	Overall Width Inches	Dimensions Inside Eye Inches	Diameter Eye Stock Inches	Weight Ounces
\$2.25	\$4.15	3¾	1⅞	1½ x 1¼	7/16	7



Fig. 416

★
TOWING OR LIFTING EYE – Fig. 418

Cast Manganese Bronze

This rugged Perko fitting has two 3" x ¾" threaded studs, nuts and washers for through bolting.

Plain Bronze, ea.	Chromium Plated, ea.	Overall Length Inches	Overall Width Inches	Dimensions Inside Eye Inches	Diameter Eye Stock Inches	Weight Ounces
\$3.85	\$6.00	3¾	1	1½ x 1¼	7/16	9½



Fig. 418

★
LIFTING RINGS AND KEEL PLATES –

Figs. 412, 415, 446 & 447

Cast Manganese Bronze – For ½ Inch Rod

Fig.	Plain Bronze Each	Chromium Plated Each	I.D. Eye Inches	Stock in Eye Inches	Length Inches
412		\$6.20	1¾	¾	3½
415		6.75	1¾	½	3½
446	\$2.30				
447	2.65				



WITH LOOSE DECK FLANGE
Fig. 412



WITH INTEGRAL DECK FLANGE
Fig. 415

Fig.	Diam. Flange Inches	Size Flange Inches	Size Base Inches	For Screw No.	For Bolt Size	Weight Ounces
412	2			8		10
415		3 x 2½		8		12½
446			3 x 1¾		¼"	7
447			3½ x 1¾		¼"	9



KEEL PLATE
Fig. 446



KEEL PLATE
Fig. 447

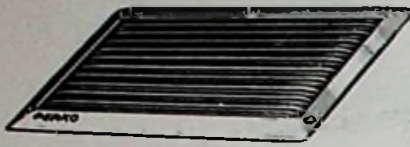


Fig. 1225

STEP PLATES — Fig. 1225

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



No.	Complete Each	Frame Only Each	Overall Dimensions Inches	For Screw No.	Weight Ounces
0	\$1.25	\$.70	8 3/8 x 2 1/4	6	5
1	1.60	.90	8 3/4 x 3 1/4	6	8
2	3.25	1.90	11 1/2 x 5 3/4	8	12

Packed per box: No. 1—10 pieces, No. 2—5 pieces.
Size No. 0 available with black pad, deduct \$.50 each.

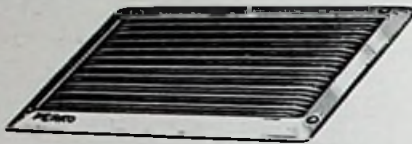


Fig. 1043

STEP PLATES — Fig. 1043

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

No.	Black Complete Each	White Complete Each	Frames Only Each	Overall Dimensions Inches	For Screw No.	Weight Pounds
0	\$2.00	\$3.00	\$2.45	8 x 2 1/4	4	1/2
1		5.70	5.00	8 3/4 x 3 1/4	6	3/4
2		9.00	7.65	11 1/2 x 5 3/4	8	1 1/4

Packed per box—Nos. 0 and 1, 10 pieces, No. 2, 5 pieces.

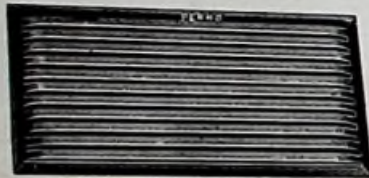


Fig. 1050

RUBBER PADS ONLY — Fig. 1050

Black Or White

No.	Black Each	White Each	Length Inches	Width Inches	Thickness Inches	Weight Ounces
0	\$.20	\$.55	7 1/4	1 3/8	1/4	2
1		.70	8	2 1/2	3/8	3 1/4
2		1.35	11	5	5/8	8 1/4

Packed 10 pieces per box.



Fig. 1284

MODERN DESIGN STEP PLATES — Fig. 1284

Zamak Die Castings — Chromium Plated —
Black Or White Rubber Pads

Certainly the most attractive step plate made for out-board and inboard boats.

Black Complete Each	White Complete Each	Black Pads Each	White Pads Each	Overall Dimensions Inches	Weight Complete Ounces
\$1.00	\$1.50	\$.20	\$.50	8x2 1/4	5

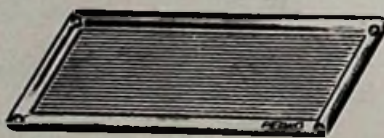
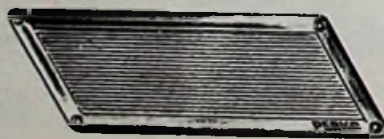


Fig. 1273

STEP PLATES — Fig. 1273

Zamak Die Castings — Chromium Plated —
Black Or White Rubber Pads

Supplied in pairs, one plate for each side of boat.

No.	Black Complete Per Pair	White Complete Per Pair	Overall Dimensions Inches	For Screw No.	Weight Per. Pair Ounces
1	\$2.50	\$3.65	8 1/2 x 3 1/4	6	18



Fig. 1044

UTILITY RUBBER STEP PLATES — Fig. 1044

Heavy Corrugated — White With Brass,
Chromium Plated Frame

No.	Each	Overall Dimensions Inches	Weight Pounds
4	\$ 7.50	10 x 4	3/4
5	8.50	13 x 5	1
6	10.50	17 x 6	1 1/2
7	11.75	18 x 7	2

BOW HANDLE WITH EYE — Fig. 853
Cast Bronze — Chromium Plated

Each	Length Base Inches	Height Above Deck Inches	For Screw No.	Packed Per Box	Wt. Oz.
\$7.75	7 1/2	1 3/4	8	6	15

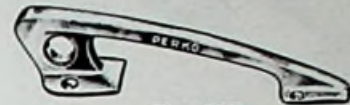


Fig. 853

BOW HANDLE — Fig. 1217
Zamak Die Casting — Chromium Plated

Chromium Plated Each	Length Base Inches	Height Above Deck Inches	For Screw No.	Weight Ounces	Packed Per Box
\$2.00	7 5/8	1 3/4	8	11	10



Fig. 1217

BOW HANDLE — Fig. 1244
Zamak Die Casting — Chromium Plated

Chromium Plated Each	Length Base Inches	Height Above Deck Inches	For Screw No.	Weight Ounces	Packed Per Box
\$2.40	12	1 3/4	8	13	5



Fig. 1244

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	Packed Per Box
\$1.50	6 1/2	2	8	5 1/2	10

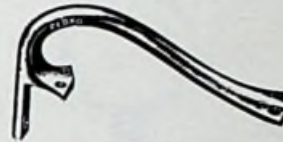


Fig. 1221



Fig. 1234

TRANSOM HANDLE — Fig. 854
Cast Bronze — Chromium Plated

Each	Length Base Inches	Height Above Deck Inches	For Screw No.	Packed Per Box	Wt. Oz.
\$3.65	5 3/4	1 5/8	8	6	8

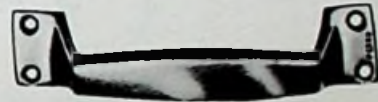


Fig. 854

TRANSOM HANDLE — Fig. 1229
Zamak Die Casting — Chromium Plated

Chromium Plated Each	Length Overall Inches	Length Inside Inches	For Screw No.	Weight Ounces	Weight Packed Per Box
\$.80	5 1/4	3 1/2	6	2 1/4	10



Fig. 1229

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	Packed Per Box
\$1.10	6	3 1/2	1 5/16	10	7 1/4	10

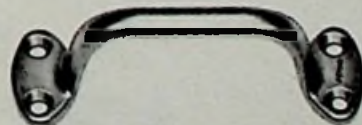
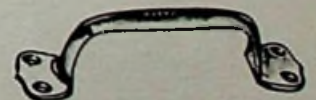


Fig. 1231

TRANSOM HANDLES — Figs. 775 & 1222
Cast Bronze Or Zamak Die Casting

Fig. No.	Polished Bronze Each	Chromium Plated Each	Length Overall Inches	Length Inside Inches	For Screw No.	Weight Ounces
775 1	\$1.60	\$1.80	4 1/4	2 5/8	6	2
775 2	2.35	2.55	5 3/4	3 3/4	8	4
1222		1.00	5 3/4	3 3/4	8	3 1/2



Bronze Fig. 775
Zamak Fig. 1222



Fig. 1262

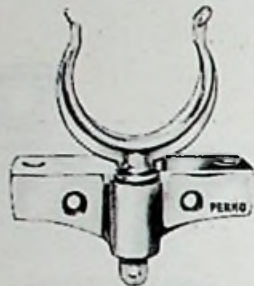


Fig. 1263

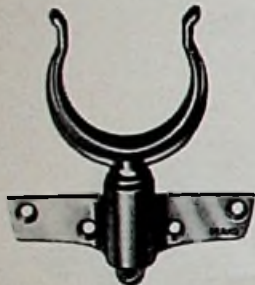


Fig. 1285



Fig. 1227

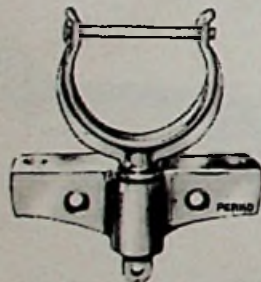


Fig. 1228

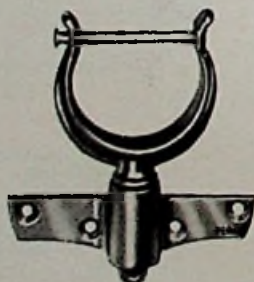


Fig. 1286

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	\$2.00	\$.90	\$1.10
Chromium Plated	3.30	1.75	1.55



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	\$2.25	\$.90	\$1.35
Chromium Plated	4.10	1.75	2.35



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	\$2.05	\$.90	\$1.15
Chromium Plated	3.70	1.75	1.95



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	\$2.20	\$1.10	\$1.10
Chromium Plated	3.50	1.95	1.55



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	\$2.45	\$1.10	\$1.35
Chromium Plated	4.30	1.95	2.35



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	\$2.25	\$1.10	\$1.15
Chromium Plated	3.90	1.95	1.95

Note — All Perko Zamak rowlocks are interchangeable.
Shank is 1/2 inch diameter, 1 3/4 inches long.

**NEW 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	\$2.10	\$1.00	\$1.10
Chromium Plated	\$3.40	1.85	1.55



Fig. 1267

**NEW 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	\$2.35	\$1.00	\$1.35
Chromium Plated	4.20	1.85	2.35

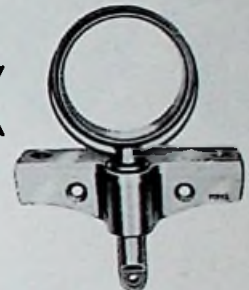


Fig. 1268

**NEW 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	\$2.15	\$1.00	\$1.15
Chromium Plated	3.80	1.85	1.95

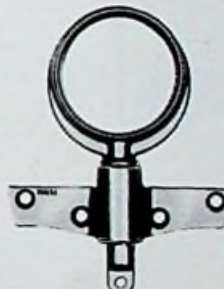


Fig. 1269

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	\$1.50	\$.95	\$.55	1 3/4	1 1/4
1	1.65	1.10	.55	2	1 1/4



Fig. 638

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	\$1.90	\$1.35	\$.55	1 3/4	1 1/4
1	2.55	2.00	.55	2	1 1/4



Fig. 639

BOSTON SIDE PLATE ROWLOCKS — Fig. 646
Galvanized Malleable Iron

Size No.	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair	Open- ing Inches	Weight Per Pair Pounds
0 Galv.	\$ 3.15	\$1.60	\$1.55	1 3/4	1 1/4
1 Galv.	3.25	1.65	1.60	2	1 1/4



Fig. 646



Fig. 643

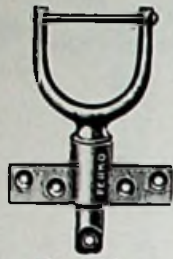


Fig. 644

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	\$2.40	\$1.85	\$.55	2 1/4	1 1/2
644	3.25	1.85	1.40	2 1/2	1 1/2

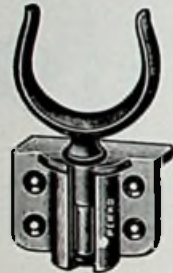


Fig. 641

DAVIS PATTERN ROWLOCKS — Fig. 641
Galvanized Malleable Iron

Size No.	Per Pair	Opening Inches	Weight Per Pair Pounds
0	\$4.00	1 1/4	2
1	4.25	2	2



Fig. 642

ROUND SOCKET ROWLOCKS — Fig. 642
Galvanized Malleable Iron

Size No.	Complete Per Pair	Horns Only Per Pair	Sockets Only Per Pair	Inside Diam. Inches	Weight Per Pair Pounds
0	\$2.10	\$1.55	\$.55	2	1 1/4
1	2.35	1.80	.55	2 1/4	1 1/4



Fig. 648

"SAV-OR" COMBINATION OAR SLEEVE AND STOP — Fig. 648
Black Moulded Natural Rubber

An excellent item for adding years of life to a pair of oars plus noiseless operation when fishing. Also serves as a sleeve for outrigger or fishing pole socket.

Each	Length Inches	Outside Diameter Inches	Inside Diameter Inches	Weight Ounces
\$1.95	9	1 3/4 to 2	1 1/2 to 1 3/4	6 1/2



Fig. 233

OAR LEATHERS AND BUTTONS — Fig. 233
Russet Leather

	Per Pair
Complete, Leathers and Buttons	\$1.90
Leathers Only—7x6 1/2 inches	1.60
Buttons Only—1/2x13 inches	.30



Fig. 794



Fig. 788

COPPER OAR AND PADDLE TIPS — Figs. 794 & 788

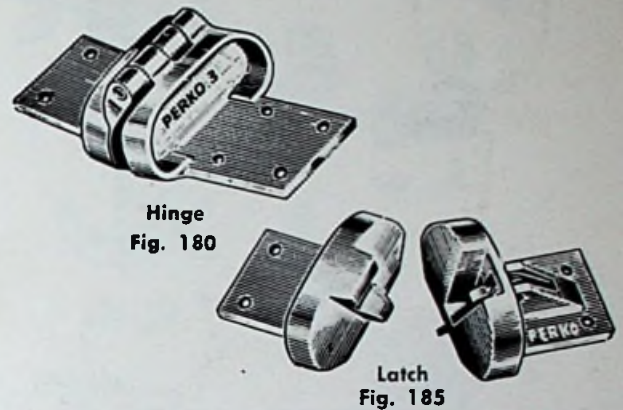
Fig. 794 Oar Tips—Per Pair	\$.60
Fig. 788 Paddle Tips—Each	.30

WOOD RAIL HINGES AND LATCHES — Figs. 180 & 185

Cast Bronze — Stainless Steel Pins

Features improved type of spring latch on bottom

Fig. 180		Chromium Plated Each	Size Rail Inches	Length Overall Inches	Weight Pounds
No.					
1	\$ 9.75		2 3/8 x 1 3/8	5	3/4
2	10.50		2 7/8 x 1 1/4	5 1/2	1
Fig. 185		Chromium Plated Each	Size Rail Inches	Length Overall Inches	Weight Pounds
No.					
1	\$ 9.25		2 3/8 x 1 3/8	5	1 1/8
2	10.00		2 7/8 x 1 1/4	5 1/2	1 1/4



★
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
\$4.50	\$2.25	\$2.25

A set consists of 2 brackets and 2 plates.

Dimensions Angle Bracket Inches	Dimensions Wall Plate Inches	Weight Bracket Ounces	Weight Wall Plate Ounces
2 3/4 x 1 1/8	3 3/8 x 2	3	3

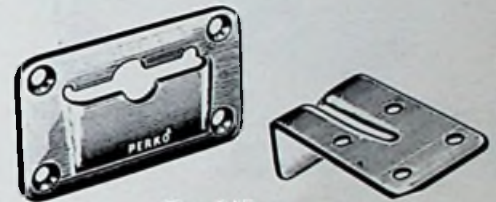


Fig. 148

★
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
\$.70	1 1/2	1	2



Fig. 1275

★
TRANSOM PLATES — Fig. 1224

Zamak Die Casting — Chromium Plated — With Leather Pads

No.	Per Pair	Length Overall Inches	Inside Diameter Inches	Weight Per Pair Ounces	Packed Pairs Per Box
1	\$1.10	3 1/2	1 7/8	2 3/4	25
2	1.25	3 1/2	2 1/16	3	25



Fig. 1224

★
TRANSOM PLATES — Fig. 814

Forged Bronze — With Leather Pads

Dull Finish Per Pair	Chromium Plated Per Pair	Outside Diameter Inches	Inside Diameter Inches	For Screw No.	Weight Per Pair Ounces
\$1.00	\$1.25	3	1 1/4	6	7



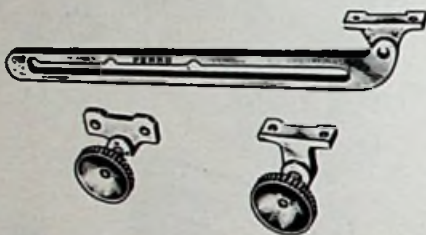
Fig. 814



Fig. 967



Fig. 697



Side Mounting
Fig. 1290

Offset Mounting
Fig. 1291



Fig. 360

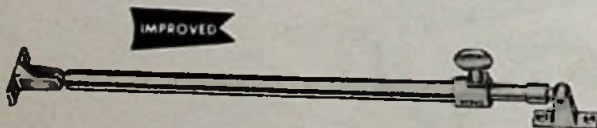
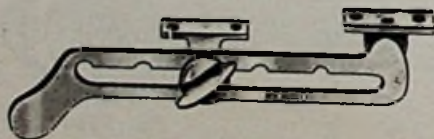


Fig. 1180



Port Side
Fig. 82



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	Weight Ounces
\$5.25	1 1/16 x 1	1 7/8 x 7/8	1 1/4	6

WINDSHIELD KEEPER OR HATCH FASTENER — Fig. 697
Chromium Plated

Locks the windshield or hatch preventing rattles and assisting in keeping same watertight.

Chromium Plated Per Set	Base of Keeper Inches	Base of Plate Inches	Weight Ounces
\$2.95	1 1/2 x 5/8	1 1/2 x 3/4	3

A set consists of parts illustrated.

WINDSHIELD ADJUSTERS — Figs. 1290 & 1291
Zamak Die Castings — Chromium Plated

Per Pair	Length Overall Inches	Length Adjustment Inches	Diam. Knob Inches	Weight Pounds
\$7.75	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.

"SKIPPER" WINDSHIELD ADJUSTER — Fig. 360
All Brass — Chromium Plated —
For Heavy Cruiser Windshields

Enables the skipper to adjust the windshield with one hand without leaving the wheel. The large bakelite knob is used for pushing, pulling, tightening or loosening in one operation.

Each	Length Base Overall Inches	Length Windshield Arm Inches	Length of Adjustment Inches	Weight Pounds
\$19.00	27 1/2	23	22 1/2	3 3/4

Special sizes to order, price on application.

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
\$10.00	12	21	1/2	10

WINDSHIELD ADJUSTERS — Fig. 82
Cast Bronze

No.	Polished Bronze Per Pair	Chromium Plated Per Pair	Length Overall Inches	Length Adjustment Inches
2	\$19.35	\$21.50	9	7
3	23.50	25.50	12	9 1/2

Thumb Screws Only — Polished Bronze \$1.65 each
Chromium Plated 1.85 each

NOTE—When ordering 1/2 pair, specify whether for port or starboard side.

WINDSHIELD ADJUSTERS — Fig. 1116

All Brass

No.	Polished Brass Each	Chromium Plated Each	Length Inches	Diam. Rod Inches	Weight Ounces
1	\$7.50	\$8.50	8	3/8	11
2	7.60	8.60	10	3/8	12
3	7.75	8.75	12	3/8	13

**HATCH FASTENERS
OR WINDSHIELD KEEPER — Fig. 155**
Brass — Chromium Plated

This new fastener has strong spring action providing quick grip or release and more than adequate holding power.

Each	Length Overall Inches	Size of Mounting Inches	Weight Ounces
\$6.00	3 7/8	1 1/2 x 9/16	3 1/4



Fig. 155

HATCH FASTENER OR WINDSHIELD KEEPER — Fig. 769
Chromium Plated

Speedy and simple operation by throwing the lever to fasten the hatch securely or open it quickly. Rod is threaded and lever has live rubber washer for adjustable tightness.

Each	Dimensions For Each Base Inches	Weight Ounces
\$4.75	1 1/2 x 5/8	4 1/2

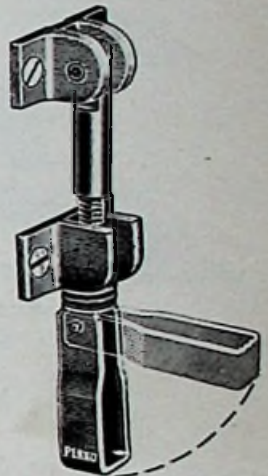


Fig. 769

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	Weight Ounces
\$.50	2 5/8	10-32	3/8	1



Fig. 1247

HAND WINDSHIELD WIPERS — Fig. 533
For Straight or Curved Windshields — Stainless Steel Extensible Arm and Blade Holder — Other Parts Bronze, Chromium Plated — Rustproof — Leakproof — With 12 Inch Blade

Nothing to get out of order, operates very smoothly by a flip of the wrist. The improved spring tension of the arm holds blade firmly against the glass.

The arm is extensible from 9 to 12 inches, spring tension is adjustable for best wiping pressure.

No. 1 Each	No. 2 Each	Length Overall Inches	Diam. Shaft Inches	Length Handle Inches	Weight Ounces
\$7.75	\$8.25	15 to 18	3/8	2 3/8	8

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

Spare Arm	\$2.00 each
Spare Straight Blade .....	.85 each
Spare Curved Blade	1.85 each

To prevent scratching Plexiglas, do not operate wiper on dry windshield.

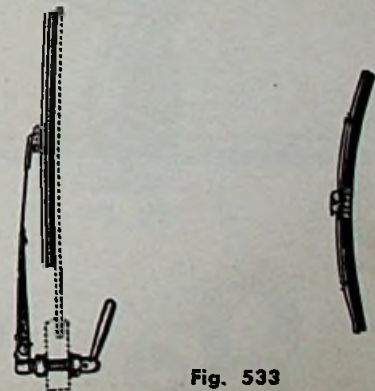


Fig. 533

No. 1
with Straight Blade

No. 2
with Curved Blade



Fig. 224

BOAT HOOKS — Fig. 224

Ball Points — Galvanized Malleable Iron

Size No.	Each	For Diam. Pole Inches	Extreme Length Inches	Weight Ounces
4	\$2.20	1 1/4	8 1/4	12
5	2.80	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. 490

Spring Brass

Will accommodate poles up to 1 1/2 inch in diameter, and hold them firmly in place.

Chromium Plated Per Pair	Length Inches	Width Inches	For Screw No.	Packed Per Box	Weight Ounces
\$2.00	3 1/2	1	6	12 pr.	1 1/2



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
\$1.10	3 1/2	1	6	12 pr.	1 1/2

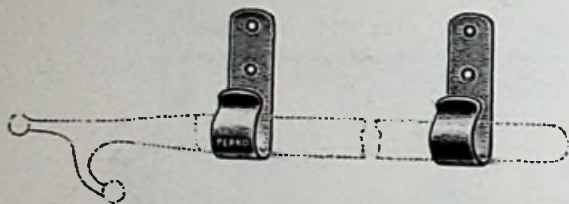


Fig. 490 Brass
Fig. 492 Stainless Steel

"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	\$.80	3/8 to 1 1/4	1 1/2	1/2	6	2
2	.95	1 to 1 3/4	2 1/4	5/8	6	2 1/2

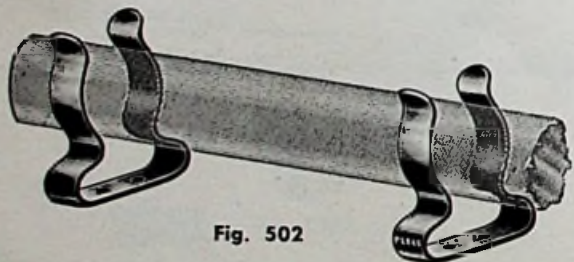


Fig. 502

"HOLDALL" SPRING HOLDERS — Fig. 525

No. 316 Stainless Steel — Non-Corrosive Stainless Steel Spring — Brass 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
\$.95	up to 1 1/4	2 3/4	1



Fig. 525



HAND RAIL SOCKETS — Fig. 215

Cast Bronze

No.	Chromium Plated Each	For Diam. Rail Inches	Height Overall Inches	Size of Base Inches	Weight Ounces
1	\$4.00	1	1 3/4	3 1/2 x 3/8	5
2	5.00	1 1/4	2	3 3/4 x 3/4	9

Please specify whether center or end and size. Drilled for No. 10 screw.



Center



End

Fig. 215

PERKO GRAB RAILS

These streamlined grab rails are designed so the tubing does not pass through the post but fits snugly over an integral projecting part of the post. Hence, the post and tubing when assembled provide a smooth streamlined unit with no unsightly bulges.

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 Each Ounces	Packed Per Box
1207	\$1.10	1 3/4	1 7/8 x 1 3/8	10	6 1/2	6
1208	1.00	1 3/4	1 1/2 x 1 1/4	10	5	6



Fig. 1207 End Posts
Fig. 1208 Center Posts

GRAB RAIL POSTS — Figs. 432 & 432-A

Cast Bronze — Chromium Plated —
For 5/8 Inch O.D. 22 Gauge Brass Tubing

Fig.	Chromium Plated Each	Height Overall Inches	Dimensions Base Inches	For Screw No.	Weight Each Ounces	Packed Per Box
432	\$3.50	1 5/8	2 1/16 x 1 7/16	6	5	6
432-A	3.00	1 5/8	1 5/8 x 1 1/4	6	2 3/4	6

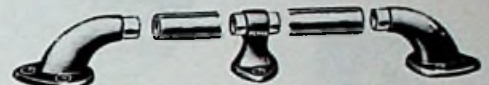


Fig. 432 End Posts
Fig. 432-A Center Posts

GRAB RAIL POSTS — Figs. 413 & 413-A

Cast Bronze — Chromium Plated —
For 1 Inch O.D. 20 Gauge Brass Tubing

Fig.	Chromium Plated Each	Height Overall Inches	Dimensions Base Inches	For Screw No.	Weight Each Ounces	Packed Per Box
413	\$5.00	2 1/4	3 x 2	8	10	6
413-A	4.25	2 1/4	2 3/4 x 1 1/2	8	7 1/4	6

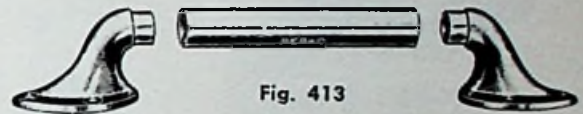


Fig. 413



Fig. 413-A Center Posts

TUBING FOR GRAB RAIL POSTS — Fig. 498

Brass — Chromium Plated

No.	Outside Diameter Inches	Length Feet	B & S Gauge	*Each	**Per Inch
1	5/8	6	22	\$ 8.75	\$.15
2	3/4	6	20	10.50	.17
3	1	6	20	12.50	.20

*Applies to 6 foot lengths only.

**Applies to lengths less than 6 feet. These are cut to order before plating. Not supplied in lengths longer than 6 feet. Large O.E.M. quantities, price on application.

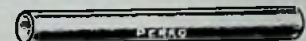


Fig. 498

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	\$11.75	12	1 1/4	1
2	12.85	18	1 1/4	1 3/8
3	13.95	24	1 1/4	1 3/4
4	16.15	36	1 1/4	2 1/2

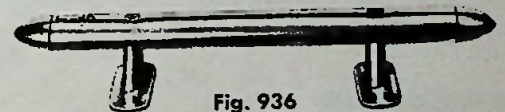


Fig. 936

GRAB RAILS — Fig. 379

Cast Bronze Posts — Brass Tubing

No.	Chromium Plated Each	Length Between Posts Inches	Diameter Tubing Inches	Diameter Base Inches
1	\$13.00	12	1	2 1/2
2	14.00	18	1	2 1/2

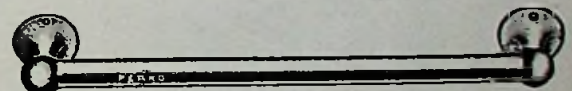


Fig. 379

Longer Lengths, Add \$2.50 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.

GRAB RAIL POSTS — Fig. 380

Cast Bronze — Hollow

No.	Chromium Plated Each	Diameter Hole Inches	Height Overall Inches	Diameter Base Inches	Weight Pounds
1	\$5.00	1	3 3/8	2 1/2	5/8



Fig. 380

Specify whether for center or end. Drilled for No. 10 screw.

"PERKO" RAIL FITTINGS
Cast Bronze — Polished Chromium Plated
With Stainless Steel Allen Set Screws — Drilled and Countersunk 1/4"x20



Fig. 992

ROUND ANGLE BASE — Fig. 992

Each	For Tubing Inches	Diameter Base Inches	Height Inches	Weight Ounces
\$5.50	7/8	2 5/8	1 3/4	8
Included angle — 60°.				



Fig. 973

ROUND STRAIGHT BASE — Fig. 973

Each	For Tubing Inches	Diameter Base Inches	Height Inches	Weight Ounces
\$5.30	7/8	2 5/8	1 5/8	7

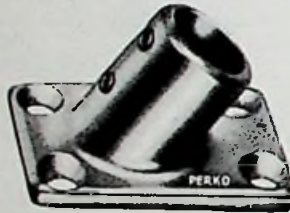


Fig. 981

RECTANGULAR ANGLE BASE — Fig. 981

Each	For Tubing Inches	Dimensions Base Inches	Height Inches	Weight Ounces
\$5.80	7/8	2 7/8 x 1 3/4	1 3/4	8
Included angle — 60°.				

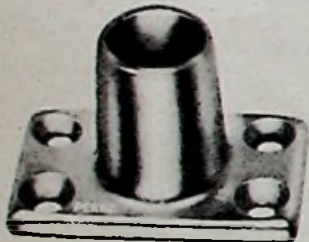


Fig. 977

RECTANGULAR STRAIGHT BASE — Fig. 977

Each	For Tubing Inches	Dimensions Base Inches	Height Inches	Weight Ounces
\$5.40	7/8	2 3/4 x 1 3/4	1 5/8	6 1/2



Fig. 990

ANGLE TEE — Fig. 990
Right or Left Hand

Each	For Tubing Inches	Length Inches	Height Inches	Weight Ounces
\$4.80	7/8	2	2 3/16	6
Included angle — 60°. Please specify hand.				



Fig. 989

STRAIGHT TEE — Fig. 989

Each	For Tubing Inches	Length Inches	Height Inches	Weight Ounces
\$4.80	7/8	2	2	6



Fig. 993

BOW FORM — Fig. 993
With 3/4" Flag Pole Socket

Each	For Tubing Inches	Width Overall Inches	Angle Degree	Weight Ounces
\$8.00	7/8	4 1/4	110	12 1/2

“PERKO” RAIL FITTINGS
Cast Bronze — Polished Chromium Plated

OFFSET BASE — Fig. 988
Heavy Duty — With S.S. Allen Set Screws

Each	For Tubing Inches	Dimensions Base Inches	Height Inches	Weight Ounces
\$9.50	7/8	3 7/8 x 2 1/2	3 1/2	20 1/2



Fig. 988

CAP — Fig. 1039
For Side Cable Rails —
With Stainless Steel Allen Set Screw

Each	For Tubing Inches	Height Inches	Outside Diameter Inches	Weight Ounces
\$3.50	7/8	1 3/8	1 1/8	3



Fig. 1039

CABLE ANCHOR — Fig. 999

Each	Dimensions of Base Inches	Height Inches	Pin Hole Inches	Weight Ounces
\$3.20	2 5/8 x 1 5/8	1 1/8	3/8	4



Fig. 999

JAW SLIDE — Fig. 1004
With 1/4" R.H. Tightening Bolt

Each	For Tubing Inches	Dimensions Inches	Weight Ounces
\$3.25	7/8	1 7/8 x 1	4



Fig. 1004

TURNBUCKLE — Fig. 1046
With Jaw and Wire Socket —
Bronze Turnbuckle — S.S. Socket

Each	Size Inches	Width Jaw Inches	Diameter Pin Inches	Weight Ounces
\$9.35	1/4	1/4	1/4	3

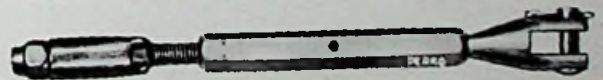


Fig. 1046

CABLE CONNECTOR — Fig. 1026
With Eye and Cable Socket — Stainless Steel

Each	Length Overall Inches	Diameter Eye Inches	Weight Ounces
\$4.95	2	1/4	1



Fig. 1026

STAINLESS STEEL TUBING — Fig. 916
18-8 Non Magnetic — Polished — 7/8" O.D. — .049 Wall

Length Feet	Each	Weight Pounds
4	\$ 8.75	1 1/2
8	17.50	3
12	26.00	4 1/2



Fig. 916

Note — For cable to fit Figs. 1026 and 1046 see Fig. 760 Nylon covered tiller rope.



Fig. 343 Stern

UPRIGHT TYPE FLAG POLE SOCKETS — Fig. 343
Zamak Die Castings — Chromium Plated
Drilled For No. 6 Screw

Each	Inside Diam. Inches	Size Base Inches	Height Overall Inches	Weight Ounces
\$1.10	3/4	3x2 1/4	2	4 1/2



FLUSH TYPE FLAG POLE SOCKETS — Figs. 218 & 219
Cast Bronze — Drilled for No. 8 Screw

Fig. 218 Bow

Inside Diam. Inches	Chromium Plated Each	Diam. Flange Inches	Depth Socket Inches	Weight Ounces
3/4	\$2.20	2	1 1/2	4 1/2
1	2.85	2 3/8	1 3/4	5
1 1/4	3.85	2 5/8	2	9

Fig. 219 Stern

Inside Diam. Inches	Chromium Plated Each	Diam. Flange Inches	Depth Socket Inches	Weight Ounces
3/4	\$2.40	2	1 1/2	4
1	3.30	2 3/8	1 3/4	7 1/2
1 1/4	3.85	2 3/8	2	9 1/4
1 1/2	5.10	3 1/8	2 3/8	15



Bow
Fig. 218



Stern
Fig. 219



UPRIGHT TYPE FLAG POLE SOCKETS — Figs. 220 & 221
Cast Bronze — Drilled for No. 8 Screw

Fig. 220 Bow

Inside Diam. Inches	Chromium Plated Each	Diam. Base Inches	Height Inches	Weight Ounces
3/4	\$3.30	2 1/8	1 3/4	5 1/4
1	4.20	2 1/2	2	6 3/4
1 1/4	4.85	2 3/4	2 1/8	10 3/4

Fig. 221 Stern

Inside Diam. Inches	Chromium Plated Each	Diam. Base Inches	Height Inches	Weight Ounces
3/4	\$3.40	2 1/8	1 3/4	4 3/4
1	4.25	2 1/2	2	6 3/4
1 1/4	4.95	2 3/4	2 1/8	8 3/4



Bow
Fig. 220



Stern
Fig. 221



RUDDER BRACE FITTINGS — Figs. 1070, 1071 & 1073
Cast Bronze

Machined For Smooth Operation, No Binding.

Size No.	Fig. 1070 Each	Fig. 1071 Each	Fig. 1073 Each	Fig. 1070 Weight Ounces	Fig. 1071 Weight Ounces	Fig. 1073 Weight Ounces
00	\$1.20	\$1.75	\$.90	4	8	3
0	1.40	2.10	.90	5	9	3
1	1.75	2.50	1.10	6 1/2	10	4

Size No.	Fig. 1070 Between Straps Inches	Fig. 1071 Between Straps Inches	Fig. 1070 Length Straps Inches	Fig. 1071 Length Straps Inches	Fig. 1073 Length Plate Inches	Fig. 1073 Width Plate Inches
00	3/8	5/8	2	2 7/8	3 1/2	7/8
0	3/4	3/4	2 1/2	3 1/2	3 1/2	7/8
1	7/8	7/8	3	4 1/4	3 5/8	7/8



GUDGEON
Fig. 1070

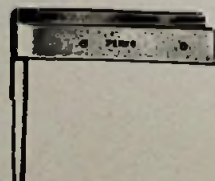


Fig. 1071
PINTLE



GUDGEON
Fig. 1073

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 1/2 x 3 1/4	2 1/2
Complete		Chromium Plated Per Set		Plates Only		Chromium Plated Per Pair
Polished Bronze Per Set				Polished Bronze Per Pair		\$6.50
\$17.50		\$19.50		\$5.50		

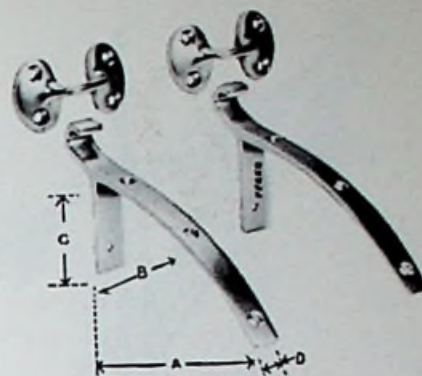


Fig. 717

LADDER LOCKS — Fig. 669
For Companionway or Upper Berth — Cast Bronze

Height Inches	Length Socket Inches	Length Bracket Inches	Weight Per Set Ounces
1 1/4	1	1 1/4	12
Complete		Spare Sockets Only	
Plain Bronze Per Set		Plain Bronze Per Pair	
Chromium Plated Per Set		Chromium Plated Per Pair	
\$2.95		\$1.75	
\$6.25		\$3.20	

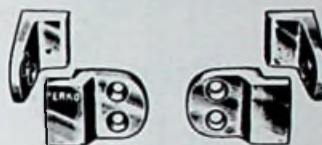


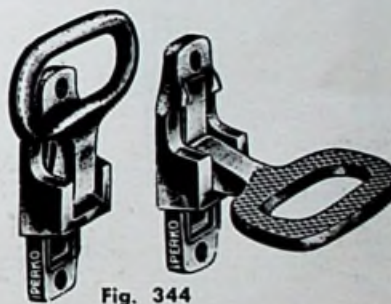
Fig. 669

A set consists of four pieces illustrated.

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
\$4.25	\$8.75	4x2	4 1/4 x 1 3/4	7/8	1 1/8



FOLDED

OPEN

DE LUXE FOLDING STEP — Fig. 602
For Cockpit or Companionway — Solid Mahogany — Spar Varnished — With White Rubber Step Pad

Supplied complete with hinge and strong folding brackets, all brass, chromium plated.

Complete Each	Spare Folding Brackets Per Pair	Dimensions Step Inches	Thickness Step Inches	Weight Pounds
\$28.50	\$15.00	13 3/4 x 9	3/8	5 1/2



Fig. 602

BOARDING STEPS — Figs. 351 & 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.

Fig.	Plain Bronze Each	Chromium Plated Each	Dimensions Of Step Inches	Dimensions Mounting Bracket Inches	Weight Pounds
351	\$5.75	\$ 7.65	6 x 4 1/4	6 x 2	1 3/8
501	9.35	12.25	11 x 4 1/2	11 x 2	2 7/8



Fig. 351



Fig. 501

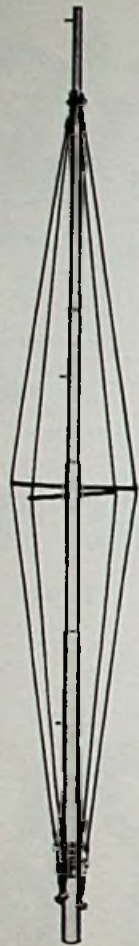


Fig. 462 Outriggers
Fig. 463 Spreaders

ALUMINUM OUTRIGGERS — Fig. 462
Anodized — Lightweight — Strong — Sectional

Consisting of various telescoping 3 foot sections. All joints are snug fitting and fastened with stainless steel screws assuring strength and rigidity. Supplied with guide rings.

No.	Per Pair	Assembled Length	Diameter Base Inches	Number of Sections	Weight Per Pair Pounds
0	\$ 47.50	16' 4"	1 1/8	6	4
1	88.50	21' 8"	1 7/8	8	11
2	102.00	26'	1 7/8	10	13

Above prices do not include spreaders or spreader fittings.
Size No. 0 fits Figs. 444 and 451.
Size No. 1 fits Fig. 445 No. 1.
Size No. 2 fits Fig. 445 No. 2



ALUMINUM SPREADERS — Fig. 463
Anodized

With 100 feet of stainless steel cable and fittings necessary for installation. For use with sizes No. 1 and 2 outriggers.

Per set for 1 pair of outriggers — \$65.00



IMPROVED 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. The 3 sections close to 60 inches and 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.



Fig. 460

No.	Per Pair	Diameter Base Inches	Overall Length Open Feet	Weight Pounds
3	\$49.00	1 1/8	15	1 1/4

Note: Replacement section available, \$7.00 per section. Specify section required. Refer to top section as No. 1, etc.



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	\$40.50	\$12.00	\$8.50	1 1/8	5x2 1/2	5 3/4
451	36.75	10.00	8.50	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

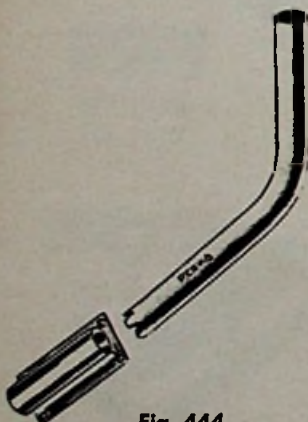


Fig. 444
For Side Mounting

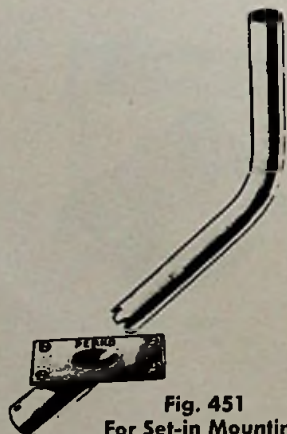


Fig. 451
For Set-in Mounting

**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	Diameter Outrigger Tube Inches	Length Outrigger Tube Inches	Weight Per Pair Pounds
1	\$155.00	2	18 1/2	18 1/2
2	170.00	2	33 1/2	22

No. 1 will support poles about 22 feet long.
No. 2 for poles about 25 or more feet long.

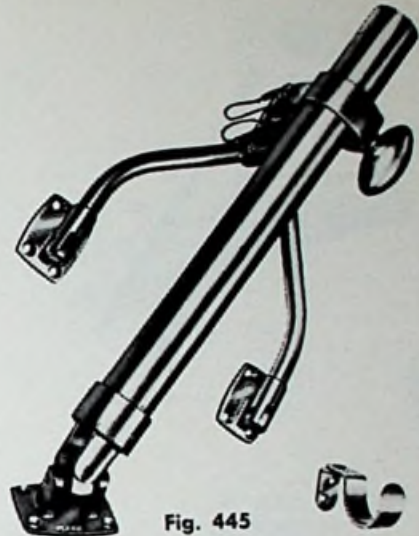


Fig. 445

FISHING POLE HOLDERS — Fig. 1100

All Brass — Chromium Plated

With Vinyl Liner

Complete Each	Brackets Only Per Pair	Inside Diam. Inches	Length Overall Inches	Width Brackets Inches	Wt. Oz.
\$5.25	\$2.00	1 3/4	9	3	16

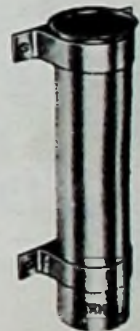


Fig. 1100

VINYL FISHING POLE HOLDER — Fig. 1104

This attractive, new Perko fishing pole holder is both practical in use and economical to buy. It is made of long lasting, tough, rigid vinyl tubing which is neutral grey color. Two stainless steel brackets keep the holder firmly in place and provide for easy installation.

Each	Length Overall Inches	Inside Diameter Inches	Outside Diameter Inches	Width Bracket Inches	Weight Ounces
\$3.30	9	1 3/4	2	3 1/4	12

Spare brackets, \$2.00 per pair.



Fig. 1104



NEW HEAVY DUTY FISHING POLE HOLDER — Fig. 1107

Brass Tube — Cast Bronze Brackets — Chromium Plated

Complete Each	Length Overall Inches	Inside Diameter Inches	Width Mounting Bracket	Weight Pounds
\$15.75	12	2 1/2	4 1/4	2 1/2

Supplied complete with polyvinyl liner.



Fig. 1107



Fig. 448

FISHING POLE HOLDER — Fig. 448
Cast Bronze — Chromium Plated

For mounting in covering board or catwalk. Has poly-vinyl liner. Nos. 1 & 3 have heavy brass tubing braised into flange. No. 2 is all one piece cast bronze.

No.	Chromium Plated, eo.	Inside Diameter Inches	Length Overall Inches	Flange Dimensions Inches	Weight Pounds
1	\$10.50	1-7/8	9	4 x 3 1/8	1 1/2
2	12.00	1-7/8	9	4 x 3 1/8	2 1/2
3	16.00	2-3/32	11	5 1/8 x 4	2 1/4

Note: Subtract 3/16 from above dimensions to allow for liner.

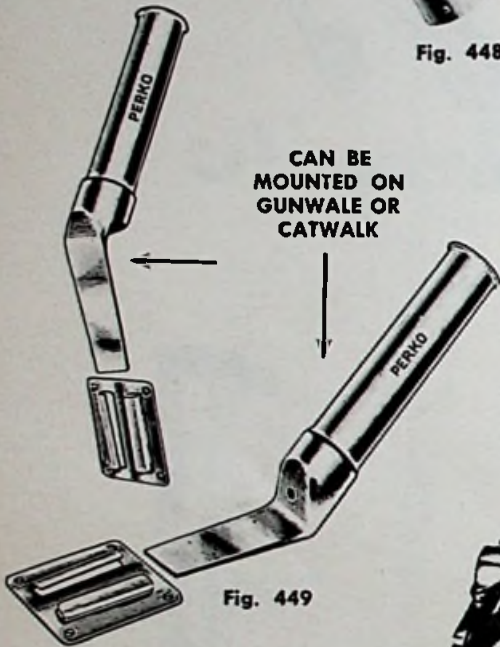


Fig. 449

COMBINATION FISHING POLE AND OUTRIGGER HOLDERS — Fig. 449
All Brass — Chromium Plated

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
\$15.75	\$3.50	1 1/8	4x3 3/4	2



Fig. 558

GIMBAL FISHING ROD SOCKETS — Fig. 558
Cast Bronze — Chromium Plated

Made especially for clamping to tubular aluminum chairs.

Each	Diameter Pole Socket Inches	For Diameter Tubing Inches	Width Overall Inches	Weight Pounds
\$19.80	1 5/8	1	4 1/2	1 3/4



Fig. 481

IMPROVED GIMBAL FISHING ROD SOCKETS — Fig. 481

Aluminum — Bright Etch Finish — Stainless Steel Pins

For attaching to chairs, seats, benches, etc.

Each	Inside Diameter Inches	Length Brackets Inches	Depth Socket Inches	Weight Ounces
\$6.50	1 1/8	2 1/2	2 3/4	7

A pair of aluminum "U" bolts for attaching above socket to tubular chairs is available. Specify Fig. 481-A \$1.25 per pair.



Fig. 560

GIMBAL FISHING ROD SOCKETS — Fig. 560
Cast Bronze

A heavy duty free swinging socket for attaching to fishing chairs.

Polished Bronze Each	Chromium Plated Each	Diameter Socket Inches	Dimensions Plate Inches	Weight Pounds
\$15.00	\$16.35	1 5/8	6 3/4 x 3 1/4	2 1/2

ADJUSTABLE POLE HOLDERS — Fig. 475

Heavy Brass Tubing — Manganese Bronze Castings — With Vinyl Liner

May be adjusted quickly to any desired angle or position vertically and horizontally. Locked by large thumb bolt illustrated.

Plain Finish Each	Chromium Plated Each	Inside Diam. Socket Inches	Length Socket Inches	Dimensions Base Inches	Weight Pounds
\$17.00	\$28.00	1 7/8	9 1/2	3 3/8 x 2 1/4	3 3/4



Fig. 475

POLYVINYL LINERS FOR FISHING POLE HOLDERS — Figs. 486 & 487

Made of tough, long lasting polyvinyl, these new liners are abrasion resistant and impervious to salt water, oil and weather. Fig. 486 is designed to fit Perko Pole Holders (Figs. 449, 475 and 1100). Fig. 487 is available in three sizes to fit Perko De Luxe Pole Holders (Fig. 448).

Fig.	Size No.	Each	Inside Diameter Inches	Outside Diameter Inches	Length Inches	Weight Ounces
486		\$1.10	1-11/16	1-7/8	8 3/8	4 1/4
487	1	1.10	1-11/16	1-7/8	7 3/4	4 1/4
487	2	1.15	1-11/16	1-7/8	7 3/4	3 1/2
487	3	1.55	1-29/32	2-3/32	10 1/2	5 3/4



Fig. 486



Fig. 487

RUBBER LINERS FOR FISHING POLE HOLDERS — Fig. 648

Each	Length Inches	Outside Diameter Inches	Inside Diameter Inches	Weight Ounces
\$1.95	9	1 3/4 to 2	1 1/2 to 1 3/4	6 1/2



Fig. 648

FISHING ROD RACKS — Figs. 591 & 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	\$7.95	12	5
592	8.95	15	6

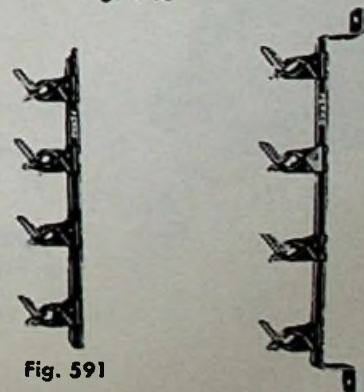


Fig. 591



Fig. 592

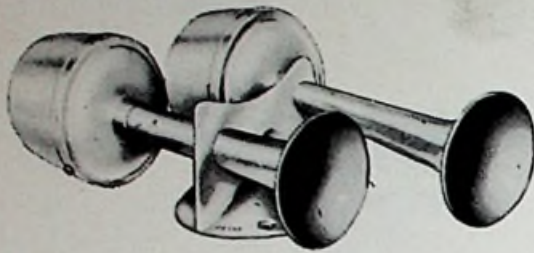


Fig. 614

"DUO-TONE" ELECTRIC HORNS — Fig. 614

Chromium Plated — 12 Volts

This compact pair of Perko brass horns is attractively mounted on a single Zamak base. They produce a fine matched tone with remarkable audibility. Inexpensive and smartly styled, they are ideal for popular sized boats.

Per Pair	Overall Length Inches	Height Overall Inches	Base Diameter Inches	Weight Pounds
\$22.00	10½	2¾	3½	1⅝

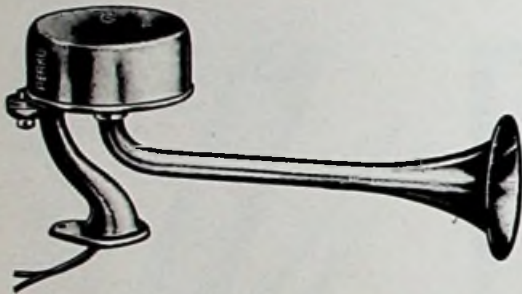


Fig. 576

"SEA TONE" HORN — Fig. 576

All Brass — Chromium Plated — Watertight Weatherproof — Resonating — 2 Mile Range

A horn manufactured for marine use. It has great volume and distinctive tone. It answers the demand for a high quality marine horn that can be heard at great distance and stand the arduous test of use on salt water.

Supplied complete with heavy duty push button and 16 feet of cable in two eight-foot lengths.

Volts	Each	Extreme Length Inches	Extreme Height Inches	Weight Pounds
12	\$ 98.00	19	8½	6½
24	98.00	19	8½	6½
32	98.00	19	8½	6½
110 D.C. or A.C.	118.00	19	8½	6½

110 Volt, specify A.C. or D.C.

RELAYS — Fig. 273

Available if required in 12 volts. Each — \$2.25



Fig. 1117

"SEA-MITE" MARINE SIREN — Fig. 1117

Die Cast Body and Base — Chromium Plated — 12 Volts

A siren of fine tone quality, dependability and performance. Furnished complete with 10 feet of cable and heavy duty push button.

12 Volt Each	Length Inches	Height Inches	Diam. Inches	Weight Pounds
\$51.75	7	6	4½	4¼



WATERTIGHT PUSH BUTTON — Fig. 978

Cast Bronze

With nickel silver springs, platinum contacts, rubber gaskets and pig skin cap over button, with screws.

Polished Bronze Each	Chromium Plated Each	Diam. Base Inches	Weight Ounces
\$8.75	\$12.00	2¾	6



Fig. 978

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
\$1.20	2¾	2¾	1½	1



Fig. 275

BRASS FOG BELLS — Fig. 159

With Removable Bracket — Pressed Bell Metal

Diameter Inches	Plain Brass Each	Polished Brass Each	Chromium Plated Each	Height Overall Inches	Weight Pounds
6	\$ 7.00	\$ 8.50	\$10.00	4	1
8	11.75	13.25	15.00	5	2½
Wall Plate Only	1.00	1.15	1.45		
Arm Only	1.50	2.00	2.40		
Clapper Only	1.50		2.10		
Eye Bolt Only	1.50		1.80		



Fig 159

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	\$20.00	\$23.00	5	4
8	37.00	40.00	6¼	8

Wall Plate Only

6	\$3.00	\$3.50	2½	½
8	3.00	3.50	2½	½



Fig. 420

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	\$ 40.00	\$ 43.50	8	10
10	75.00	80.00	10½	22
12	120.00	126.00	12	38

Wall Plate Only

8	\$3.00	\$3.50	2½	½
10	5.50	6.00	3¾	1
12	5.50	6.00	3¾	1

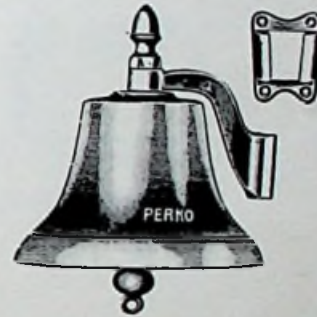


Fig. 150

IMPROVED FOG HORNS — Fig. 162

Galvanized Steel or Brass — Nylon Mouthpiece

Length Overall Inches	Galvanized Steel Each	Polished Brass Each	Weight Per Dozen Pounds
12½	\$2.75	\$4.25	5

Packed 1 dozen per box.

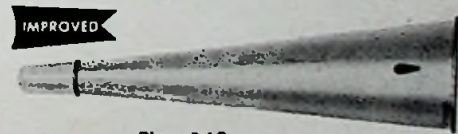


Fig. 162

TRIPLEX MOTOR BOAT WHISTLE — Fig. 167

Plastic

Per Dozen	Length Overall Inches	Width Overall Inches	Weight Per Doz. Pounds
\$5.76	6	1¾	1

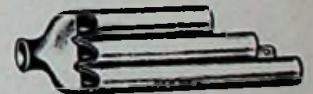


Fig. 167

POLICE OR SIGNAL WHISTLE — Fig. 349

Brass — Nickel Plated

Per Dozen	Length Inches	Width Inches	Weight Per Doz. Ounces
\$17.40	2	¾	17



Fig. 349

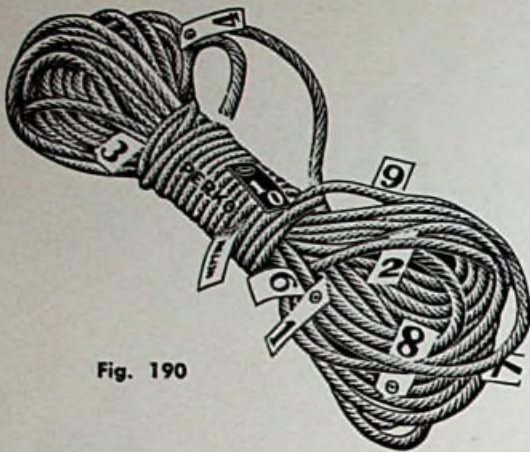


Fig. 190

"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. 940

★
SOUNDING LEADS — Fig. 940

All weights from 2 to 10 pounds inclusive carried in stock.

PER POUND — \$.80



Fig. 795

★
SEAGOING ASH TRAY — Fig. 795

All Brass — Chromium Plated

This item features a tapered, slotted wall plate which enables the tray to be easily removed for emptying. Swing mount keeps tray steady as boat rolls. Notches in removable rim grip cigarettes.

Each	Dimensions Mounting Plate Inches	Overall Height Inches	Weight Ounces
\$5.50	1 3/4 x 1 3/4	3	5 3/4

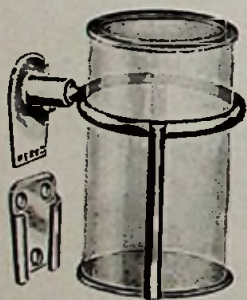


Fig. 804

★
CAN AND GLASS HOLDERS — Fig. 804
 Swinging Type — All Brass — Chromium Plated
 Holds 12 ounce beer cans or straight sided glasses.

Fig.	Each	Size Mounting Plate Inches	Inside Diam. Ring Inches	Weight Ounces
804	\$5.50	1 3/4 x 1 3/4	2 3/4	5

Spare Mounting Plates, \$1.75 each.

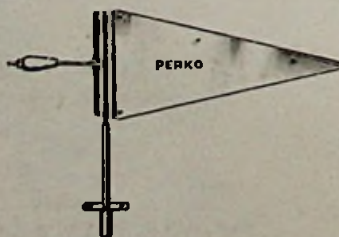


Fig. 435

★
WIND PENNANTS — Fig. 435
 Adjustable Counterbalance — Aluminum Pennant — Brass Standard — Red Anodized Finish

Pennant swings on a needle point pivot and has an adjustable counterbalance should the weight of the pennant change from the application of paint or attachments of any kind.

Perfect balance and needle point bearing makes this pennant instantly responsive to the lightest of winds.

For Mast 1 Inch Diam. at Top, 1/8" Hole

Each	Size of Pennant Inches	Height Overall Inches	Weight Ounces
\$4.00	6 1/2 x 3	6 1/2	2 1/2

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
\$3.80	21½	6¾

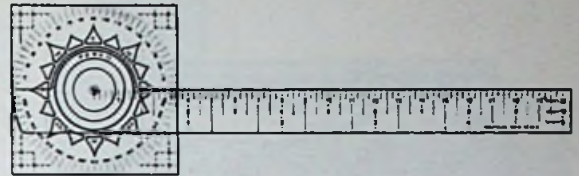


Fig. 706

LUCITE PARALLEL RULES — Fig. 630
Transparent — Chromium Plated Brass Bars — Heavy Type

Chart data shows clearly through transparent lucite. Heavy type with finger grips, tightening device and corprene non-sliding discs.

Length Closed Inches	Each	Width Closed Inches	Thickness Inches	Weight Ounces
12	\$6.00	2½	3/16	6½
15	6.50	2½	3/16	7½
18	7.50	2½	3/16	8½

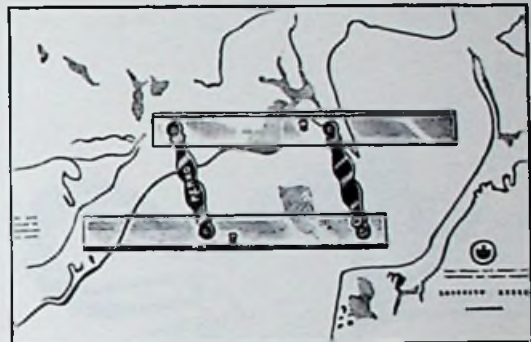


Fig. 630

PARALLEL RULES — Fig. 686
Ebony Finish — Nickel Plated Brass Parts — Finger Grips, Tightening Device and Corprene Non-Sliding Discs

Length Closed Inches	Each	Width Closed Inches	Weight Ounces
12	\$5.00	2½	6
15	5.50	2½	6½
18	6.50	2½	7



Fig. 686

DIVIDERS — Fig. 693
Brass — Chromium Plated — Navy Type

No.	Each
1 Length, 5½ inches	\$1.35
2 Length, 7 inches	5.15

No. 2 size has straightening device and reversible points.



Fig. 693

YACHT LOG BOOK — Fig. 708
112 Pages — Water Resistant Binding

Binding is hard Pyroxylin 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.

Each \$4.50



Fig. 708

CHART CASES — Fig. 372

Made of galvanized iron, water-tight cover, folding handle on side for carrying.

Diam. Inches	Length Inches	Each
3	36	\$ 9.00
4	36	11.00



Fig. 372



Fig. 760 — Nylon Covered
Fig. 857 — Vinyl Covered

NYLON COVERED TILLER ROPE — Fig. 760
7x8 Aircraft Cable — Very Flexible

The nylon coating cushions the wires against abrasion and protects them against oils, detergents, alkalies and oxidizing acids.

Outside Diameter Inches	Per 100 Feet	Core Diameter Inches	Breaking Strength Pounds	Weight Per 100 ft. Pounds
$\frac{3}{16}$	\$21.00	$\frac{1}{32}$	1000	3.6

Supplied in 250 foot reels.



VINYL COVERED TILLER ROPE — Fig. 857

Outside Diameter Inches	Per 100 Feet	Core Diameter Inches	Breaking Strength Pounds	Weight Per 100 ft. Pounds
$\frac{3}{16}$	\$12.00	$\frac{1}{32}$	1000	2.6

Supplied in 250 foot reels.



TILLER ROPE CLAMP — Fig. 377
High Impact Plastic — Stainless Steel Screw —
Made Expressly For $\frac{3}{16}$ " Plastic Covered Cable

The rope will not slip under strain. Only one screw to tighten.

The harder the pull, the tighter the hold. Tested by a recognized testing laboratory the rope broke at 862 pounds but no slippage in clamp occurred. In testing other types of clamps the rope slipped at 242 pounds.

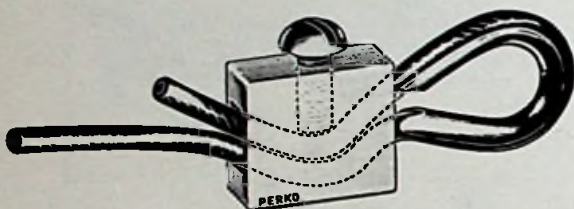


Fig. 377

Each	Dimensions Inches	Packed Per Box	Weight Ounces
\$.30	$1\frac{1}{2} \times 1 \times \frac{1}{16}$	25	$\frac{1}{2}$



TILLER ROPE CLAMPS — Fig. 1226
Zamak Die Castings

For Rope Diam. Inches	Natural Finish Each	Chromium Plated Each	Length Inches	Width Inches	Weight Ounces
$\frac{1}{8}$	\$.22	\$.33	$1\frac{1}{8}$	$\frac{3}{16}$	$\frac{3}{4}$
$\frac{3}{16}$	.24	.35	$1\frac{1}{4}$	$\frac{1}{4}$	1
$\frac{1}{4}$	.35	.45	$1\frac{1}{2}$	$\frac{3}{8}$	$1\frac{3}{4}$

Packed per box 50 pieces.



TILLER ROPE CLAMPS — Fig. 358
Galvanized Iron Or Bronze

For Rope Diameter Inches	Galv. Each	Plain Bronze Each	Width Inches	Length Inches	Packed Per Box	Weight Ounces
$\frac{1}{8}$	\$.30	\$.50	$\frac{3}{4}$	$1\frac{1}{8}$	20	$1\frac{3}{4}$
$\frac{3}{16}$	.35	.55	$\frac{3}{4}$	$1\frac{3}{4}$	20	2
$\frac{1}{4}$	.40	.65	1	$1\frac{3}{4}$	20	3



TILLER ROPE TIGHTENERS — Figs. 732 & 754

For eliminating slack and keeping tension on tiller rope at all times.

Fig. 732 Short Type — Cadmium Plated Steel or All Brass —
Maximum Pull, Steel, 110 Pounds — Brass, 90 Pounds

Steel Each	All Brass Each	Normal Length Inches	Length Compressed Inches	Outside Diameter Inches	Weight Ounces
\$.40	\$1.15	4	5	$1\frac{1}{8}$	$4\frac{1}{2}$

Packed per box 25 pieces.

Fig. 754 Long Type — Cadmium Plated Steel — Maximum Pull — 100 Pounds

Each	Normal Length Inches	Length Compressed Inches	Outside Diameter Inches	Weight Ounces
\$.30	$5\frac{1}{2}$	$6\frac{3}{4}$	$\frac{7}{8}$	$2\frac{1}{2}$

Packed per box 25 pieces.



Fig. 1226



Fig. 358



Fig. 732

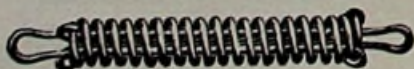


Fig. 754

TILLER ROPE GUIDES — Fig. 359

Forged Bronze

Dull Bronze Each	Chromium Plated Each	Size Hole Inches	Size Base Inches	Weight Ounces
\$.30	\$.40	$\frac{3}{8}$	$1\frac{1}{4} \times \frac{3}{4}$	$\frac{3}{4}$

Packed per box, 25



TILLER ROPE GUIDES — Fig. 1256

Zamak Die Casting — Chromium Plated

Chromium Plated Each	Size Hole Inches	Size Base Inches	For Screw No.	Weight Ounces	Packed Per Box
\$.30	$\frac{3}{8}$	$1\frac{1}{2} \times \frac{3}{4}$	6	$\frac{1}{2}$	25



TILLER ROPE GUIDES — Fig. 1261

Zamak Die Casting — Chromium Plated

Chromium Plated Each	Size Hole Inches	Size Base Inches	For Screw No.	Weight Ounces	Packed Per Box
\$.30	$\frac{3}{8}$	$1\frac{1}{2} \times \frac{3}{4}$	6	$\frac{1}{2}$	25



IMPROVED TILLER ROPE GUIDES — Fig. 1243

Zamak Die Casting — Chromium Plated — With Nylon Sheave

Each	For Diam. Rope Inches	Size Base Inches	Weight Ounces
\$.90	$\frac{1}{4}$	$2 \times \frac{3}{4}$	$1\frac{3}{4}$

Drilled for No. 8 screw—packed 25 per box.



TILLER ROPE GUIDES — Figs. 229 & 932

Brass Spring Wire

Brass Each	Fig. 229 Chromium Plated Each	Brass Each	Fig. 932 Chromium Plated Each	Size Hole Inches	Length Inches	Weight Ounces
\$.07	\$.10	\$.08	\$.11	$\frac{3}{8}$	$1\frac{1}{8}$	$\frac{1}{2}$

Packed per box, 50 pieces.



RINGS — Fig. 417

Polished Brass

Inside Diam. Inches	Thick-ness Inches	Per Dozen	Inside Diam. Inches	Thick-ness Inches	Per Dozen
$\frac{1}{2}$	$\frac{1}{8}$	\$1.20	$1\frac{1}{4}$	$\frac{3}{8}$	\$3.20
$\frac{3}{4}$	$\frac{1}{8}$	1.65	$1\frac{1}{2}$	$\frac{1}{4}$	4.00
1	$\frac{3}{16}$	2.60	$1\frac{3}{4}$	$\frac{1}{4}$	4.80
			2	$\frac{1}{4}$	6.75



SHEAVES — Fig. 154

White Nylon — Common Bushed

No.	Each	Diam. Inches	Thickness Inches	For Rope Inches	For Size Pin Inches
20	\$.12	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{16}$
27	.20	$1\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{4}$
28	.25	$2\frac{3}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{4}$



Fig. 359



Fig. 1256



Fig. 1261



FIG. 1243



Fig. 229



Fig. 932



Fig. 417



Fig. 154

TILLER ROPE PULLEYS

Swivel Type with White Nylon Sheave
For Tiller Rope Up To 5/16 Inch Diameter

Stainless steel used in these pulleys is type No. 304 non-magnetic 18-8.



Figs. 564 & 565

POLISHED STAINLESS STEEL BODY, EYE AND STRAP — Fig. 564, 565

Fig.	Complete Each	Length Overall Inches	Diam. Sheave Overall Inches	Length Strap Inches	Weight Ounces
564	\$.85	3	1 3/4	1 5/8	1 1/2
565	1.00	3 3/4	2 3/8	1 5/8	2

Without strap, deduct \$.08 each.

CHROMIUM PLATED ZAMAK DIE CAST BODY, EYE AND STRAP — Fig. 1241, 1277

Fig.	Complete Each	Length Overall Inches	Diam. Sheave Overall Inches	Length Strap Inches	Weight Ounces
1241	\$.98	3 1/4	1 3/4	1 7/8	3
1277	1.20	4	2 3/8	1 7/8	3 1/2

Without strap, deduct \$.15 each

POLISHED STAINLESS STEEL BODY WITH IMPROVED CHROMIUM PLATED ZAMAK DIE CAST SNAP —

Figs. 611, 634

Fig.	Complete Each	Length Overall Inches	Snap Throat Opening Inches	Diam. Sheave Overall Inches	Weight Ounces
611	\$1.45	4 1/8	1/2	1 3/4	3 1/2
634	1.55	4 7/8	1/2	2 3/8	3 1/2

See note below.

CHROMIUM PLATED ZAMAK DIE CAST BODY AND IMPROVED SNAP —
Figs. 1288, 1296

Fig.	Complete Each	Length Overall Inches	Snap Throat Opening Inches	Diam. Sheave Overall Inches	Weight Ounces
1288	\$1.55	4 1/8	1/2	1 3/4	3 1/2
1296	1.70	5	1/2	2 3/8	4

Note — The improvement in the snap is an interlocking tongue and body when closed, less chance of hook opening or spreading under strain.

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	For Screw No	Weight Ounces
1	\$1.05	1 3/4	3/8	3 1/2 x 1 3/8	10	2
2	1.25	2 3/4	3/8	4 3/4 x 1 3/4	10	2 1/2

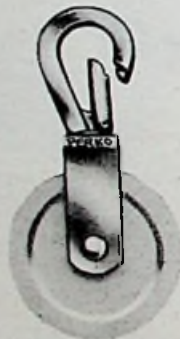
COAMING PULLEYS — Fig. 617

Cast Bronze — With Nylon Sheave

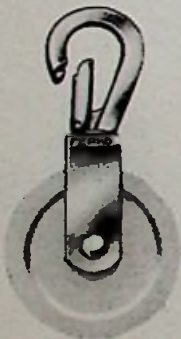
No.	Each	Diam. Sheave Inches	For Diam. Rope Inches	Dimensions of Plate Inches	For Screw No	Weight Ounces
1	\$1.20	1 3/4	3/8	3 3/4 x 1 3/8	10	4
2	1.70	2 3/4	3/8	4 1/4 x 1 3/8	10	6



Figs. 1241 & 1277



Figs. 611 & 634



Figs. 1288 & 1296



Fig. 1255



Fig. 617

EYE STRAPS — Fig. 562

18-8 Stainless Steel

Each	Length Inches	Size Eye Inches	For Screw No.	Weight Ounces	Packed Per Box
\$.08	1 3/8	1/4	8	1/8	50



Fig. 562

EYE STRAPS — Fig. 1242 —

Zamak Die Casting — Chromium Plated

Chromium Plated Each	Length Inches	Size Eye Inches	Stock in Eye Inches	For Screw No.	Weight Ounces	Packed Per Box
\$.15	1 3/8	3/8	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	\$.42	\$.85	1 1/8	1/4	1/4	8	1/2
1	.56	1.15	2 1/4	3/8	1/2	10	3/4
2	.65	1.30	2 3/4	1/2	3/8	10	1 1/2

Packed per box, 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	\$.90	\$1.90	\$2.05	3 1/2	1/2	3/8	2 1/2
2	.90	1.90	2.05	4 1/4	3/8	3/8	2 1/2

Packed per box, No. 1, 25 pcs. No. 2, 10 pcs.



Fig. 882

FLANGE EYES — Fig. 877

Cast Bronze

Size No.	Plain Bronze Each	Polished Bronze Each	Polished Chromium Plated Each	Size Opening Inches	Size Base Inches	Weight Ounces
1	\$.35	\$1.40	\$1.70	3/8	2 1/8 x 1 1/8	1
2	.65	1.85	2.15	1/2	2 1/4 x 1 3/8	2



Fig. 877

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	Weight Pounds Each
1	\$.34	\$.60	3/8	3/4 x 3/8	3/8
3	.45	.75	1/2	1 x 3/8	3/8
5	.57	1.40	3/8	1 3/8 x 3/8	1/2
7	.74	1.60	3/8	1 1/2 x 1/2	3/8
9	1.00		3/8	1 3/4 x 3/8	1/2
11	1.40	2.60	1/2	2 x 3/8	3/8
13	2.30		3/8	2 1/2 x 3/8	1 1/8
15	3.50		3/4	3 x 3/8	1 3/8



Fig. 43

FAST EYE BLOCKS — Fig. 51

Galvanized Malleable Iron — Double

Size No.	Galv. Each	For Diam. Rope Inches	Size Sheaves Inches	Weight Pounds Each
2	\$.60	3/8	3/4 x 3/8	3/8
4	.75	1/2	1 x 3/8	1/2
6	1.05	3/8	1 3/8 x 3/8	3/8
8	1.30	3/8	1 1/2 x 1/2	3/8



Fig. 51



Fig. 100

SWIVEL EYE BLOCKS — Fig. 100
Galvanized Malleable Iron Or Bronze — Single

Size No.	Galvanized Iron Each	Plain Bronze Each	For Diam. Rope Inches	Length Shell Inches	Diameter Sheave Inches	Weight Per Doz. in Lbs.
0	\$.40	\$1.55	$\frac{3}{16}$	1	$\frac{1}{2}$	$\frac{1}{2}$
1	.46	1.60	$\frac{3}{16}$	$1\frac{1}{4}$	$\frac{3}{4}$	$1\frac{1}{4}$
3	.60	2.10	$\frac{1}{4}$	$1\frac{3}{4}$	1	2
5	.80	2.55	$\frac{3}{16}$	2	$1\frac{3}{8}$	$2\frac{3}{8}$
7	1.05	2.90	$\frac{3}{8}$	$2\frac{1}{4}$	$1\frac{1}{2}$	$4\frac{1}{8}$



Fig. 101

SWIVEL EYE BLOCKS — Fig. 101
Galvanized Malleable Iron — Double

Size No.	Galvanized Iron Each	For Diam. Rope Inches	Length Shell Inches	Diameter Sheave Inches	Weight Per Doz. in Lbs.
00	\$.69	$\frac{3}{16}$	1	$\frac{1}{2}$	$1\frac{1}{8}$
2	.81	$\frac{3}{16}$	$1\frac{1}{4}$	$\frac{3}{4}$	$2\frac{1}{4}$
4	1.00	$\frac{1}{4}$	$1\frac{3}{4}$	1	$3\frac{3}{8}$
6	1.45	$\frac{3}{16}$	2	$1\frac{3}{8}$	$4\frac{1}{4}$
8	2.00	$\frac{3}{8}$	$2\frac{1}{4}$	$1\frac{1}{2}$	7



Fig. 87

DECK BLOCKS — Fig. 87
Open Pattern — Galvanized Iron Or Bronze — Single

Size No.	Cast Iron Each	Plain Bronze Each	For Diam. Rope Inches	Size of Sheave Inches	Weight Pounds
0	\$.55	\$1.10	$\frac{3}{16}$	$1\frac{3}{8} \times \frac{3}{8}$	$\frac{3}{16}$
1	.58	1.60	$\frac{3}{16}$	$1\frac{1}{2} \times \frac{1}{2}$	$\frac{3}{8}$
3	.99		$\frac{1}{2}$	$2 \times \frac{3}{8}$	$1\frac{3}{8}$



Fig. 88

DECK BLOCKS — Fig. 88
Open Pattern — Galvanized Iron — Double

Size No.	Cast Iron Each	For Diam. Rope Inches	Size Sheave Inches
2	\$1.05	$\frac{3}{8}$	$1\frac{1}{2} \times \frac{1}{2}$
4	2.15	$\frac{1}{2}$	$2 \times \frac{3}{8}$



ASSORTED BRASS PINS — Fig. 1176

No.	Each	Diam. Pin Inches	Length Under Head Inches	Diam. Head Inches	Type Head
1	\$.35	$\frac{3}{16}$	$\frac{5}{8}$	$\frac{1}{4}$	Flat
2	.35	$\frac{3}{16}$	$\frac{3}{4}$	$\frac{1}{4}$	Flat
4	.40	$\frac{3}{16}$	1	$\frac{1}{4}$	Flat
5	.40	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{5}{16}$	Round
6	.42	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{5}{16}$	Flat
7	.44	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{5}{16}$	Flat
8	.48	$\frac{1}{4}$	$1\frac{1}{16}$	$\frac{5}{16}$	Flat
10	.48	$\frac{1}{4}$	$1\frac{1}{4}$	$\frac{5}{16}$	Flat
11	.48	$\frac{5}{16}$	$\frac{7}{8}$	$\frac{3}{8}$	Flat
15	.50	$\frac{5}{16}$	$1\frac{1}{4}$	$\frac{3}{8}$	Flat
16	.50	$\frac{5}{16}$	$1\frac{1}{2}$	$\frac{3}{8}$	Flat
18	.66	$\frac{3}{8}$	$1\frac{5}{16}$	$\frac{7}{16}$	Flat
27	1.00	$\frac{1}{2}$	$1\frac{1}{4}$	$\frac{5}{8}$	Flat



Fig. 1176

DECK BLOCKS — Fig. 139

For Wire Rope — Galvanized Malleable Iron

Size No.	Each	For Diam. Rope Inches	Size Sheave Inches	Weight Pounds
1	\$1.70	1/4	2 x 3/16	3/8
2	3.65	3/8	3 x 3/8	1 3/8
3	4.75	1/2	4 x 5/8	3



Fig. 139

CHEEK BLOCKS — Fig. 140

For Wire Rope — Galvanized Malleable Iron

Size No.	Each	For Diam. Rope Inches	Size Sheave Inches	Weight Pounds
1	\$1.43	1/4	2 x 3/16	3/8
2	2.18	3/8	3 x 3/8	1 3/8
3	3.85	1/2	4 x 5/8	2 3/4



Fig. 140

WIRE ROPE PULLEYS — Fig. 194

Galvanized Malleable Iron — Side Pattern

Fig. 194 Single

Size No.	Galvanized Each	For Diam. Rope Inches	Size Sheave Inches	Weight Pounds
1	\$2.80	3/16	2 1/2 x 3/8	1/2
2	3.05	1/4	3 1/4 x 1/2	1 1/4
3	4.55	5/16 - 3/8	4 1/2 x 5/8	2 1/2



Fig. 194

WIRE ROPE PULLEYS — Figs. 279 & 280

Galvanized Malleable Iron — Upright Pattern

Fig. 279 Single

Size No.	Galv. Each	For Diam. Rope Inches	Size Sheave Inches	Weight Pounds
10	\$2.80	3/16	2 1/2 x 3/8	3/8
20	3.05	1/4	3 1/4 x 1/2	1 1/2
30	4.55	5/16 - 3/8	4 1/2 x 5/8	2 1/2



Fig. 279

Fig. 280 Double

110	\$4.00	3/16	2 1/2 x 3/8	1 1/8
120	4.50	1/4	3 1/4 x 1/2	2
130	7.50	5/16 - 3/8	4 1/2 x 5/8	4 1/4

CHEEK BLOCKS — Fig. 95

Galvanized Iron Or Bronze — For Manila Rope — Single

Size No.	Galv. Cast Iron Each	Plain Bronze Each	For Diam. Rope Inches	Size Sheave Inches	Weight Pounds
0	\$.82	\$1.38	1/4	1 1/8 x 3/16	3/16
1	.88	1.75	3/8	1 3/8 x 3/16	1/4
2	1.00		3/8	1 1/2 x 1/2	3/8
3	1.43		1/2	2 x 3/8	3/4
5	3.90		3/4	3 x 1/2	2



Fig. 95

ANCHOR LIFT LEADERS — Fig. 483

Galvanized Malleable Iron

For attaching to bow of boat. The sheave projects over the stem. These are very handy for raising or dropping anchor.

Each	For Diam. Rope Inches	Size Sheave Inches	Length Overall Inches	Length Plate Inches	Weight Pounds
\$3.75	3/4	2 x 1/2	7 1/2	4 1/2	1 1/4



Fig. 483

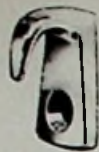


Fig. 1249

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.	Packed Per Box	Weight Ounces
\$.18	1 1/8	1/2	1/4	6	50	1/2

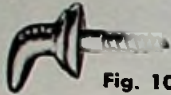


Fig. 1000

CURTAIN OR GROMMET HOOKS — Fig. 1000
Cast Brass

Plain Brass Per Dozen	Diam. Flange Inches	Length Screw Inches
\$4.20	5/8	1/2

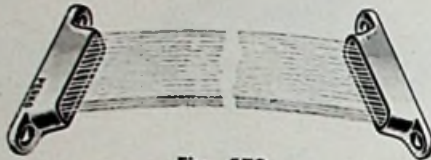


Fig. 578

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
\$.75	3 1/4	1 3/8 x 3/16	5/8	8	2



Hinge No. 1



Socket Nos. 2 and 3

Fig. 395

CONVERTIBLE BOAT TOP FITTINGS — Fig. 395
Die Castings — Chromium Plated

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	.60	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
Average Weight - 2 ounces each		



Eye End No. 4



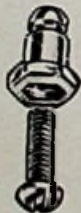
Slide Nos. 5 and 6



STUD
With Wood Screw
Single Fig. 114
Double Fig. 115



STUD
With Tapping Screw
Single Fig. 90



STUD
For Machine Screw
Single Fig. 156

"LIFT TYPE" ALL BRASS FASTENERS
Nickel Plated

Stud Fig. 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.



Clinch Stud
Single Fig. 60
Double Fig. 61



Clinch Washer
Fig. 62

Fig.	Nickel Plated Per 100
60	\$ 6.55
61	10.25
62	2.00
90	7.30
114	7.75
115	9.20
116	9.20
117	9.50
118	2.50
156	13.00

Note—Price of Fig. 156 does not include machine screw, just the tapped stud only.



SOCKET
Single Fig. 116
Double Fig. 117

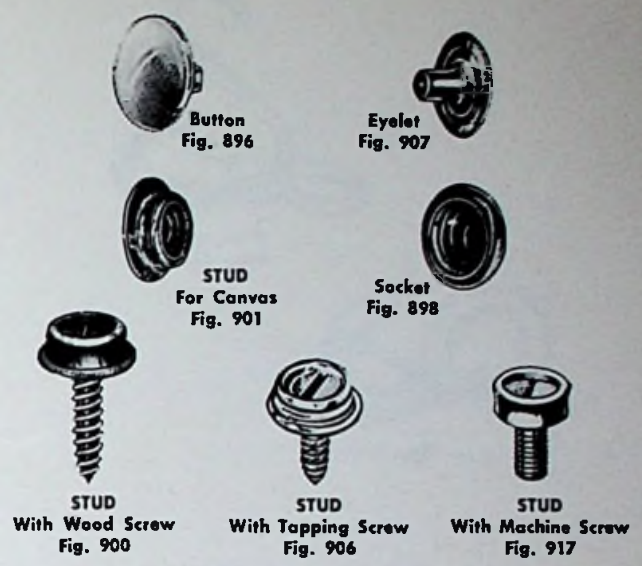


Clinch Plate
Fig. 118

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.

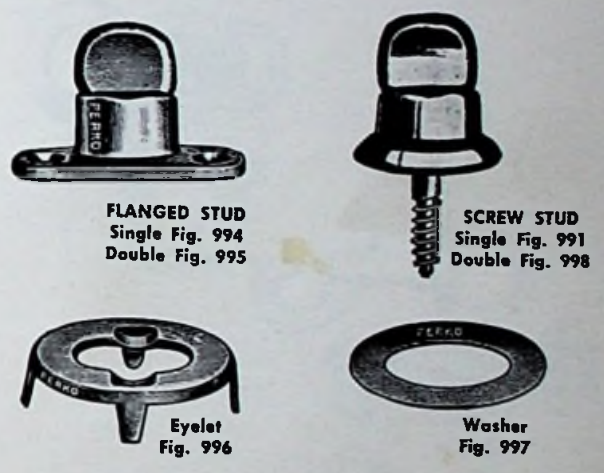
Fig.	Per 100
896	\$3.00
898	2.80
900	7.00
901	1.50
906	5.75
907	1.45
917	6.80



ALL BRASS CURTAIN FASTENERS
Nickel Plated

Stud Figs. 991, 998 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	\$33.60
994	25.20
995	27.90
996	5.50
997	4.20
998	31.50



HAND PUNCH — Fig. 284
For "Curtain Fasteners" —
Cast Iron With Steel Cutters
Each \$13.00

HAND SCREW DRIVER — Fig. 290
For "Lift Type" Studs —
Steel With Wood Handle
Each \$6.00

HAND PUNCH — Fig. 285
For "Lift Type" Fasteners —
Cast Iron With Steel Cutters
Each \$10.60

HAND SET TOOL — Fig. 905
For "Durable Type" Buttons and Eyelets — Steel
Each \$4.25

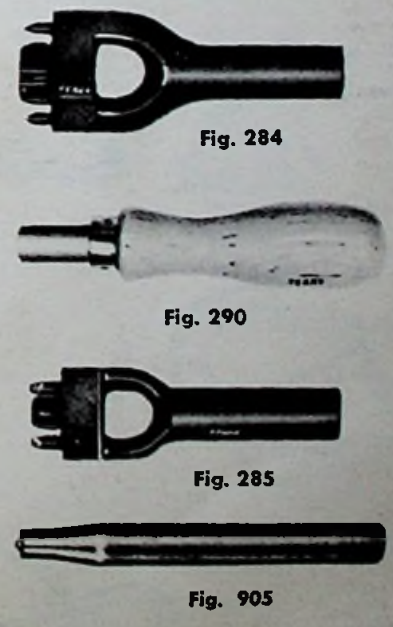




Fig. 612

FAST EYE BOAT SNAPS — Fig. 612
Galvanized Malleable Iron Or Bronze

Size No.	Galv. Each	Plain Bronze Each	Inside Diam. Eye Inches	Extreme Length Inches	Weight Per 100 Pounds
0	\$.53	\$.65	3/8	2 1/8	6 1/4
1	.65	.80	3/8	2 3/8	12
2	.77	.95	3/4	3	13 1/2
3	.93	1.35	3/4	3 3/4	24
4	1.16		7/8	4 1/2	40
5	1.50		1 1/8	5	50
6	1.80		1 1/8	5 1/4	68 3/4



Fig. 613

SWIVEL EYE BOAT SNAPS — Fig. 613
Galvanized Malleable Iron Or Bronze

Size No.	Galv. Each	Plain Bronze Each	Inside Diam. Eye Inches	Extreme Length Inches	Weight Per 100 Pounds
1	\$.93	\$ 1.28	3/8	3 1/4	12 1/2
2	1.10	1.60	1/2	3 3/4	16
3	1.40	2.20	3/4	4 3/8	30
4	1.70		1 1/8	4 3/4	42
5	2.10		1 1/8	5 3/4	61



Fig. 1289

SWIVEL EYE SNAPS — Fig. 1289
Zamak Die Castings — Chromium Plated

Has an interlocking device on tongue and hook, adding considerable strength.

Size No.	Each	Inside Diam. Eye Inches	Extreme Length Inches	Weight Per 100 Pounds
1	\$.90	3/8	3	12 1/2



Fig. 659

SWIVEL EYE SNAPS — Fig. 659
Cast Bronze

Each	Extreme Length Inches	Inside Eye Inches	Inside Hook Inches	Weight Ounces
\$.50	4	3/4	3/8	2 1/2



Fig. 1041



Fig. 842

FAST EYE BABY SNAPS — Figs. 842 & 1041

Fig.	Brass Each	Size of Eye Inches	Length Inches	Weight Ounces
842	\$.24	3/8	1 1/8	1/2
1041	.31	3/8 x 3/8	1 1/8	1/2



Fig. 1042

SWIVEL EYE BABY SNAPS — Fig. 1042

Diam. of Eye Inches	Brass Each	Length Inches	Weight Ounces
3/8	\$.39	2 3/8	1/2



Fig. 606

SAFETY MOORING HOOKS — Fig. 606
Drop Forged Steel — Heat Treated —
Stainless Steel Spring And Rivet

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 100 in Lbs.
1	\$.85	3/4	4	3/4	25
1 1/2	1.20	1 1/8	4 3/4	3/4	32
2	3.40	1	5 3/4	1 1/8	100



Fig. 640

SWIVEL EYE MOORING HOOKS — Fig. 640
Drop Forged Steel — Stainless Steel Spring

An excellent hook for trailer winches.

Each	I. D. of Swivel Inches	Length Overall Inches	Throat Opening Inches	Weight Per 100 in Lbs.
\$ 2.25	3/4	5 1/2	1 1/8	62 1/2

BERTH HANGER HOOKS — Fig. 469

Stainless Steel

A good strong hook made of #304 Stainless Steel and to fit a strap up to 1 1/2 inches wide.

Each	Length Inches	Weight Ounces
\$2.55	2 5/8	1 3/4

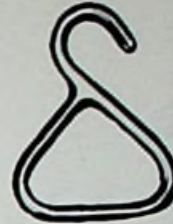


Fig. 469

"S" HOOKS — Fig. 680

Galvanized Wrought Steel

Nominal Size Inches	Per 100	Length Overall Inches	Weight Per 100 Pounds
3/16	\$ 7.75	1 1/2	2 3/4
1/4	9.50	2	7
3/8	16.50	2 1/2	14 1/2
1/2	27.50	3	18 3/4



Fig. 680

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	\$15.85	4 1/4	3/8	\$28.50	24
3/16	15.85	7	1/2	36.70	37
1/4	18.55	14 1/2	3/4	48.60	59
5/16	20.65	16			



Fig. 333

BRASS AXE BRACKETS — Fig. 325

18 Gauge — Polished

A set consists of one blade socket and one handle bracket as illustrated.

Complete Sets Per Dozen	Blade Sockets Only Per Dozen	Handle Brackets Only Per Dozen	For Blade Width Inches	Weight Per Set Ounces
\$31.80	\$21.00	\$10.80	6	8



Fig. 325

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	\$.09	\$.15	\$.29	3/16	1/8
2	1/4 - 20	.11	.11	.21	3/16	1/4
3	3/8 - 18	.38	.50	.65	3/8	3/8
5	1/2 - 16	.55	.75	.95	1/2	1
6	3/4 - 14	.55	.75	.95	3/4	1
7	1 - 13	.90	1.35	1.55	1	2
8	1 1/2 - 13	1.10	1.35	1.55	1 1/2	2 1/2
9	2 - 11	1.80	2.20	2.40	2	5
11	2 1/2 - 8	2.15	2.75	3.10	2 1/2	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	\$.08	3/8	16	\$.25
1/4	20	.10	1/2	13	.55
5/16	18	.17			



Fig. 453



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	\$.59	\$1.10	7
1/4	.68	1.50	11
5/16	.75	1.90	20
9/16	.87	2.45	31
3/4	1.10		47
1/2	1.30		68
5/8	2.05		137
3/4	2.85		220
7/8	3.75		320
1	5.35		500



WIRE ROPE THIMBLES — Fig. 466
Galvanized Steel, Brass Or Stainless Steel



Fig. 466

For Size Rope Inches	Galv. Per 100	Brass Each	Stainless Steel Each	Galv. Wt. Per 100 in Lbs.
1/8	\$ 9.35	\$.22	\$.22	2%
3/16	9.35	.22	.22	2%
1/4	9.35	.27	.27	4%
5/16	11.70	.38	.38	5 1/2%
3/8	11.70	.60	.60	10%
1/2	21.00	.80	.80	15 1/2%
5/8	45.00			27 1/2%
3/4	56.50			40
7/8	91.50			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	\$.45	1 3/8 x 3/4	3 3/4
1/4	.45	1 1/2 x 1	7 1/2
5/16	.50	1 3/4 x 1 3/16	10%
3/8	.56	2 1/8 x 1 3/8	18 3/4
1/2	.74	2 3/8 x 1 1/2	38 1/2

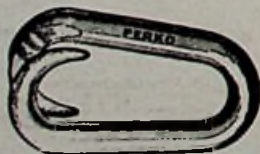


Fig. 785

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	\$.13	1 x 1/2	3/8	\$.36	1 3/16 x 1 3/16
1/4	.13	1 1/2 x 1/2	1/2	.62	2 x 1
5/16	.24	1 1/2 x 3/8			

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 x 4	\$1.65	\$2.20	7 1/2	3/8
5/16 x 4 1/2	1.80	2.40	8 1/2	1/2
3/8 x 6	2.30	3.10	11	1
1/2 x 6	3.05	3.45	12	1 3/4

HOOK AND EYE

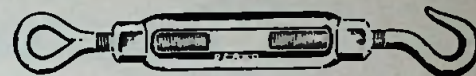


Fig. 390

JAW AND JAW

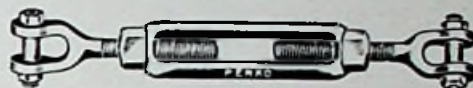


Fig. 394

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	\$.80	1/8	3	3/8	3
2	.85	3/16	4	1 1/8	6 1/4
3	1.02	1/4	5	1 1/2	11 1/2
4	1.40	5/16	5 3/4	1 3/4	15
5	1.65	3/8	6 1/2	2 1/4	24 1/2



Fig. 396

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	\$2.20	1/4	5 3/4	1 7/8	1/4	17
5	2.50	5/16	6 7/8	2 1/4	1/4	26



Fig. 397

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	\$2.85	1/4	5 3/4	1 7/8	1/4	19
5	3.20	5/16	6 7/8	2 1/4	1/4	28

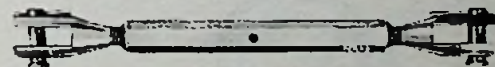


Fig. 398

BRONZE RIGGING TURNBUCKLES — Fig. 459
S. A. E. Threads

Size Inches	Plain Each	With Two Check Nuts Add	Jaw Opening Inches	Diam. Pin Inches	Weight Each Pounds
1/4	\$ 3.95		1/4	1/4	3/8
3/8	5.25	\$.40	3/8	3/8	1/2
1/2	6.40	.45	1/2	1/2	3/4
3/4	11.80	.60	3/4	3/4	1 1/2

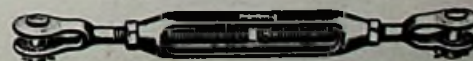


Fig. 459

SCREW EYE BOLTS — Fig. 500
Without Shoulder — Galv. Drop Forged Steel — Large Eye

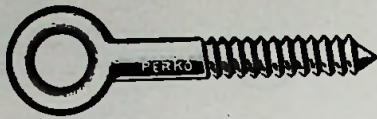


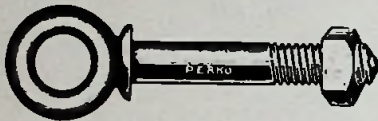
Fig. 500

Size Inches	Each	Inside Diam. Eye Inches	Galv. Weight Per 100 in Lbs.
1/4 x 2	\$.44	1/2	6
3/8 x 2 1/4	.55	3/8	9
1/2 x 2 1/2	.61	1/2	16
5/8 x 3 1/4	.90	1	35



NUT EYE BOLTS — Figs. 522 & 523
Gal. Drop Forged Steel Or Bronze — Large Eye

Sizes are diameter and length of shank.



Without Shoulder—Fig. 522
With Shoulder—Fig. 523

Size Inches	Fig. 522 Galv. Each	Fig. 523 Galv. Each	Fig. 523 Plain Bronze Each	Inside Diam. Eye Inches	Galv. Weight Per 100 in Lbs.
1/4 x 2	\$.46	\$.46	\$ 1.00	1/2	7
1/4 x 4	.56	.56		1/2	10
3/8 x 2 1/4		.62	1.40	3/8	13
3/8 x 4 1/4	.70	.70	1.78	3/8	17
3/8 x 2 1/2	.66	.66	1.80	3/4	21
3/8 x 4 1/2	.80	.80	2.44	3/4	27
3/8 x 6	1.06			3/4	32
1/2 x 3 3/4	1.00	1.00		1	45
1/2 x 6	1.30	1.30		1	65
1/2 x 8	1.90			1	75
1/2 x 10	2.35			1	85
3/4 x 4	1.52			1 1/4	85
3/4 x 6	1.90			1 1/4	100



SWIVELS — Fig. 622
Drop Forged Steel



Fig. 622

Size Inches	Galv. Each	Length Inches	Width Inside Inches	Weight Each in Lbs.
1/4	\$ 1.72	3 3/8	3/4	1/4
3/8	1.80	4 1/8	1 1/8	3/8
1/2	2.20	5 1/4	1 3/8	3/4
5/8	2.95	6 3/8	1 1/2	1 1/4



SWIVEL WITH JAW END — Fig. 623
Drop Forged Steel



Fig. 623

Size Inches	Galv. Each	Length Inches	Width Between Jaws Inches	Inside of Bail Inches	Weight Each in Lbs.
1/4	\$ 2.16	4	3/8	1 1/2 x 1 5/8	3/8
3/8	2.16	4 1/8	3/8	1 1/4 x 1	1/2
1/2	2.68	5	5/8	1 3/8 x 1 1/8	3/4
5/8	3.30	6	1 1/8	1 1/2 x 1 1/8	1 1/8



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	\$.27	\$.62	3/8	1/4	1/4	1 1/4	2 3/4
1	.29	.62	3/8	3/8	3/8	1 3/4	4
2	.39		1/2	3/8	3/8	2 1/4	7 1/2
3	.55		1/2	3/8	1/2	2 1/2	10
4	.77		3/4	1/2	3/8	3 1/4	19 1/2
5	1.05		3/4	3/4	3/4	3 1/2	24 1/2

"PERKO" ANCHORS — Fig. 700
Hot Galvanized Steel — Flukes And Shank
Of High Strength Alloy Steel

Weight Pounds	Length Overall Inches	Each
2½	17¼	\$ 5.50
4	19	9.50
8	24	15.25
13	28½	24.00
22	35	36.50
30	37½	46.00
40	37½	55.00
65	50¼	79.50

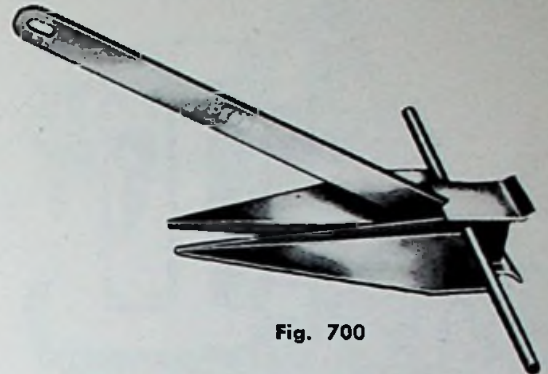


Fig. 700

PERKO "NON-SNAG" ANCHOR — Fig. 800
With Shear Pin — Hot Galvanized Steel
For Small Boat Fisherman

This new Perko anchor provides substantial holding power at normal scope. However, should it become snagged, anchor is designed with a special soft metal pin which can be broken with a sharp tug when boat is directly over the anchor. This releases the shank so it can ride up forward of the flukes to enable pulling the anchor out backwards.

Weight Pounds	Each	Length Inches
4	\$ 9.80	19
8	15.75	24

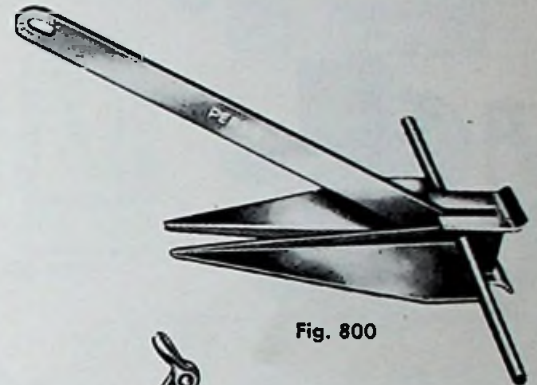


Fig. 800

NAVY TYPE ANCHORS — Fig. 45
Drop Forged Shank — Galvanized

Weight Pounds	Each	Weight Pounds	Each
5	\$ 5.50	20	\$14.85
10	8.70	25	20.00
15	11.65	30	23.00



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, 1¾ pounds.
 No. 2 weight per set, 2¼ pounds.

	No. 1		No. 2	
	Plain Bronze	Plain Chromium Plated	Plain Bronze	Plain Chromium Plated
Complete, per set	\$6.50	\$7.25	\$7.50	\$8.00
Shank support only, ea.	2.75	3.00	3.25	3.50
Fluke supports only, pair	2.00	2.25	2.25	2.50
Crown support only, ea.	2.00	2.25	2.25	2.50

No. 2 size for 40 and 65 pound anchors.

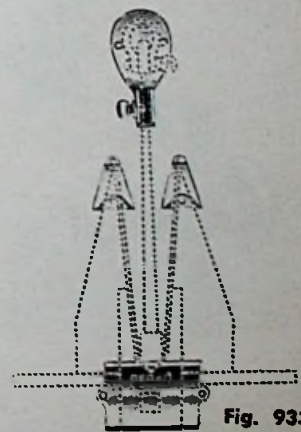


Fig. 933

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 ½ inch diameter rope, No. 2 for ¾ inch rope.

No.	Each	Length Overall Inches	Diameter Spring Inches	Diameter Metal Inches	Compression Inches	Weight Pounds
1	\$1.75	10	1½	¾	4½	¾
2	5.00	18	2	¾	8	2¾

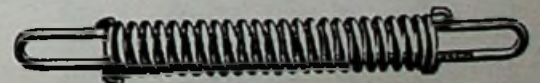


Fig. 759

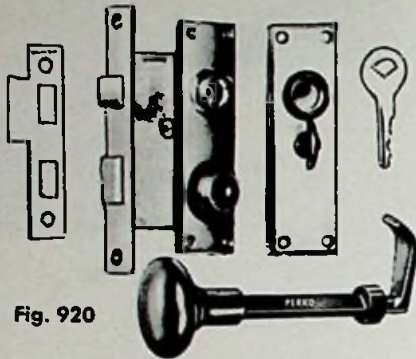


Fig. 920

"PICK PROOF" MORTISE LOCK SET — Fig. 920
Cylinder Type — Pin Tumbler — All Cast Brass —
Chromium Plated — Reversible — With Screws

A good sturdy lock design and built for marine use and the better class craft. For doors $\frac{3}{4}$ to $1\frac{3}{8}$ inches thick. Backset $1\frac{5}{8}$ inches.

Per Set	Size Case Inches	Size Facing Inches	Size Escutcheon Inches	Diameter Knob Inches	Weight Pounds
\$25.00	3 x 2 $\frac{1}{8}$	4 $\frac{1}{2}$ x 1 $\frac{1}{16}$	4 x 1 $\frac{3}{16}$	1 $\frac{7}{16}$	1 $\frac{1}{2}$



MORTISE LOCK SETS — Fig. 927

Polished 18-8 Stainless Steel — Reversible — With Screws

Five disc tumbler type with dead bolt for inside. With round knob and lever handle, two keys.
 For door $\frac{3}{4}$ to $1\frac{5}{8}$ inches thick. Backset $1\frac{1}{8}$ inches.

Per Set	Size Case Inches	Size Facing Inches	Size Escutcheon Inches	Weight Pounds
\$10.75	2 $\frac{1}{16}$ x 1 $\frac{1}{2}$	4 x 1 $\frac{1}{16}$	4 $\frac{3}{8}$ x 1 $\frac{1}{8}$	$\frac{7}{8}$

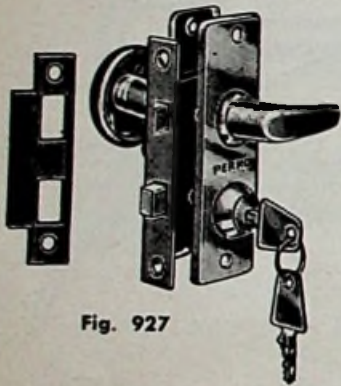


Fig. 927

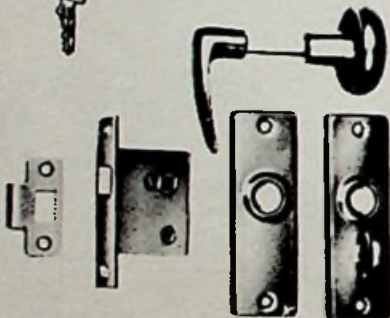


Fig. 960

MORTISE LATCH SETS — Fig. 960

Brass — With Screws — Reversible

Locked by dead bolt inside, no keys, with round knob and lever handle.

For door $\frac{3}{8}$ to $1\frac{3}{8}$ inches thick. Backset $1\frac{3}{8}$ inches.

Polished Brass Per Set	Chromium Plated Per Set	Size Case Inches	Size Facing Inches	Size Escutcheon Inches	Weight Pounds
\$8.20	\$10.00	2 x 1 $\frac{3}{4}$	3 $\frac{3}{4}$ x 1 $\frac{1}{8}$	4 x 1 $\frac{3}{8}$	1



Fig. 567

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	Backset Inches
\$6.60	\$8.80	$\frac{7}{8}$ to 1 $\frac{3}{8}$	4 x 1 $\frac{1}{2}$	1 $\frac{7}{8}$	1 $\frac{3}{4}$

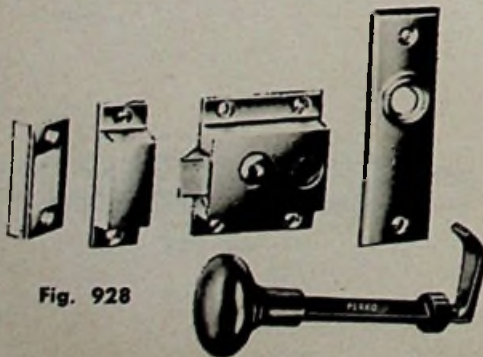


Fig. 928

RIM LATCH SETS — Fig. 928

Brass — Reversible — With Screws

With round knob and lever handle, no keys. Locked by thumb bolt inside.

Polished Brass Per Set	Chromium Plated Per Set	Size Case Inches	Diameter Escutcheon Inches	Diam. Knob Inches	Weight Pounds
\$8.35	\$9.95	2 $\frac{1}{4}$ x 2	1 $\frac{7}{8}$	1 $\frac{3}{4}$	$\frac{3}{4}$

NOTE — If required with reverse bevel specify Fig. 930.
 Fig. 928 Supplied with box strike.
 Fig. 930 Supplied with flush strike.

NEW CUPBOARD CATCHES — Fig. 1102
Die Cast Zamak — Chromium Plated

Each	Without Strike Inches	Weight Ounces
\$3.00	1 3/8 x 1 7/16	3

Supplied complete with flush and 3/8 inch offset strike

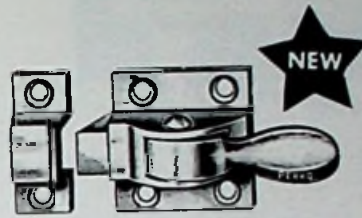


Fig. 1102

CUPBOARD TURNS — Fig. 1105
Wrought Brass

Furnished complete with screws.

Polished Brass Each	Chromium Plated Each	Without Strike Inches	Weight Per Dozen Pounds
\$2.50	\$3.10	2 1/4 x 1 1/2	3

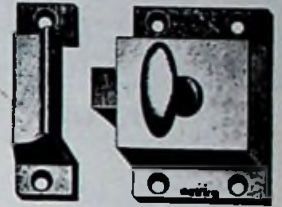


Fig. 1105

CUPBOARD TURNS — Fig. 949
Cast Brass

No.	Polished Brass Each	Chromium Plated Each	Without Strike Inches	Weight Per Dozen Pounds
1	\$3.20	\$3.80	1 3/4 x 1 1/2	3 1/2
2	3.95	4.70	2 1/8 x 1 1/2	5 1/2

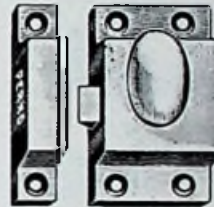


Fig. 949

NEW FLUSH PULLS — Fig. 1110
Die Cast Zamak — Chromium Plated
For Drawers, Sash Or Sliding Doors

Each	Dimensions Overall Inches	Depth Inches	Weight Ounces
\$1.85	3 11/16 x 1 11/16	7/16	3

Inside recessed for finger grip as illustrated.

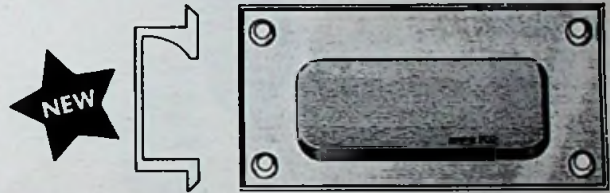


Fig. 1110

NEW CUPBOARD BOLT — Fig. 1101
Die Cast Zamak — Chromium Plated

Each	Without Strike Inches	Weight Ounces
\$2.05	1 1/2 x 1 1/2	2



Fig. 1101

NEW FLUSH RING CATCHES — Fig. 1051
Die Cast Zamak — Chromium Plated

Each	Size Inches	Weight Ounces
\$2.40	1 3/4 x 1 3/8	1 1/2



Fig. 1051

NEW FLUSH RING PULLS — Fig. 841
Die Cast Zamak — Chromium Plated

Each	Size Plate Inches	Weight Ounces
\$1.30	1 1/2 x 1 3/8	1 1/4



Fig. 841

FLUSH RING PULLS — Fig. 1103
Cast Brass — With Flush Stock In Ring

Polished Brass Each	Chromium Plated Each	Size Plate Inches	Weight Ounces
\$2.20	\$2.55	2 x 2 3/8	4



Fig. 1103



Fig. 947

BARREL BOLTS — Fig. 947

Cast Brass

No.	Polished Brass Each	Chromium Plated Each	Length Rod Inches	Size Base Without Strike Inches	Weight Ounces
0	\$2.10	\$2.80	2 1/4	1 1/2 x 1 1/4	3 1/2
1	2.35	3.15	2 3/4	2 1/2 x 1 3/8	4
2	2.55	3.30	3 1/4	2 1/2 x 1 1/4	4 1/2
3	2.90	3.80	4 1/4	4 x 1 3/8	6



SHIP BOLTS — Fig. 1053

Cast Brass

No.	Polished Brass Each	Chromium Plated Each	Size Without Strike Inches
1	\$2.40	\$3.00	2 3/4 x 1 1/8
2	2.75	3.30	3 3/8 x 1 3/8



DOOR STOP AND HOLDER — Fig. 574

Cast Brass

Polished Brass Each	Chromium Plated Each	Diam. Base Inches	Projection Inches	Weight Ounces
\$6.10	\$7.30	1 3/8	3 1/2	7 1/4



CABIN DOOR HOOKS — Fig. 956

Cast Brass

Lgth. Hook In.	Polished Brass Each	Chromium Plated Each	Wt. Ozs.	Lgth. Hook In.	Polished Brass Each	Chromium Plated Each	Wt. Ozs.
1 1/2	\$1.15	\$1.60	1	3 1/2	\$1.70	\$2.30	2 1/2
2	1.30	1.70	1 1/2	4	1.90	2.50	3
2 1/2	1.35	1.75	1 3/4	5	2.00	2.60	3 1/2
3	1.45	2.00	2	6	2.15	2.75	4



CABIN DOOR HOOKS — Fig. 957

Double Jointed — Cast Brass

Length Overall Inches	Polished Brass Each	Chromium Plated Each	Weight Ounces
2 1/2	\$2.90	\$3.50	2 1/2
3 1/2	3.35	4.10	3



NEW CABIN DOOR HOOKS — Fig. 1199

Zamak Die Castings — Chromium Plated

Length Hook Inches	Each	Weight Ounces
1 3/4	\$.95	1 1/4
2 1/4	.97	1 3/8
3	1.00	1 1/2
4	1.05	1 3/4



MODERN DESIGN CABIN DOOR HOOKS —

Fig. 1287 Style A & B Patent Applied for #75,268

Zamak Die Castings — Chromium Plated

A new design . . . the first in many years. Combines good looks with improved strength

No.	Length Hook Inches	Each	Dimensions Eye Plate Inches	Weight Ounces
1	2	\$.95	1-1/4 x 11/16	1 1/4
2	2 1/2	1.00	1-1/4 x 11/16	1 1/2
3	3	1.05	1-1/4 x 11/16	1 3/4



Fig. 1053



Fig. 574

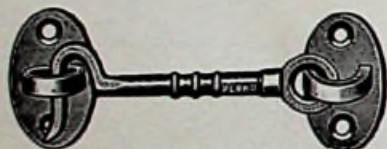


Fig. 956



Fig. 957



Fig. 1199



Fig. 1287 Style A

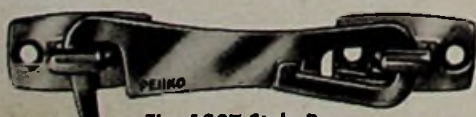


Fig. 1287 Style B

"FLEXA" DOOR CATCHES — Fig. 554

White Nylon Catch — Stainless Steel Spring — With Brass, Chromium Plated Screws

A new type door catch made for marine use. Will replace many other and more expensive catches and give better results. Positive grip, 18 lb. pull.

Each Complete	Length Catch Inches	Length Ball Head Screw Inches	Weight Ounces
\$.50	1 3/16	3/4	1/4

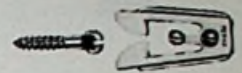


Fig. 554

"POLYDEL" DOOR CATCHES — Fig. 559

Grey Delrin Ball Stud — Polyethylene Catch — Holds Door Firmly in Place Against Vibration and Motion

Per 100	Stud Size Inches	Catch Size Inches	Weight Per 100 Pounds
\$30.00	1 1/8 x 3/8	1 3/8 x 7/8	1

Packed 25 per package.

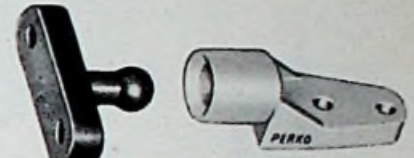


Fig. 559

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 1/2 x 1 1/2 inches.

Per Dozen \$1.10

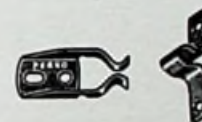


Fig. 1178

FRICTION CATCHES — Fig. 178

All Brass — Adjustable Tension

Illustrations are full size. Supplied complete with oblong strike.

Per Dozen \$3.25

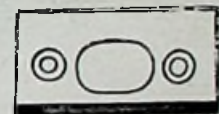
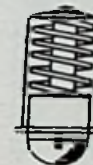


Fig. 178

IMPROVED ELBOW CATCHES — Fig. 1056

Zamak Die Casting — Chromium Plated

Each	Size Base Inches	Weight Ounces
\$1.35	1 1/8 x 9/16	3/4

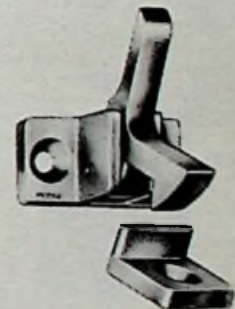


Fig. 1056

DOOR HOLDERS — Fig. 1065

Side Pattern — Cast Brass

Polished Bronze Per Set	Chromium Plated Per Set	Base of Holder Inches	Base of Clip Inches	Projection Inches
\$2.10	\$2.65	1 3/4 x 3/4	2 1/4 x 3/4	2



Fig. 1065

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.

	Each	Plate Diameter Inches	Width Less Keeper Inches	Weight Ounces
Fig. 1216	\$1.20	1 11/16	1 3/16	1 1/2
Fig. 1216-B	1.15	1 11/16	1 3/16	1 1/2



Fig. 1216 With Spring



Fig. 1216 - B Without Spring



Fig. 1293

NEW FAST PIN BUTT HINGES — Fig. 1293

Zamak Die Castings
With Stainless Steel Pin and Nylon Spacers
Strong As Brass — Smooth Operation

Size Open Inches	Natural Finish Per Pair	Chromium Plated Per Pair	For Screw No.	Weight Per Pair Ounces
1 1/2 x 1 1/2	\$1.55	\$2.35	6	3
2 x 1 1/2	1.70	2.50	8	3 1/2
2 x 2	1.85	2.65	8	4
2 1/2 x 2	2.10	2.90	8	4 1/2
2 1/2 x 2 1/2	2.40	3.20	8	5
3 x 3	2.60	3.50	10	5 1/2



Fig. 1294



NEW LOOSE PIN BUTT HINGES — Fig. 1294

Zamak Die Castings —
With Stainless Steel Pin and Nylon Spacers

Size Open Inches	Natural Finish Per Pair	Chromium Plated Per Pair	For Screw No.	Weight Per Pair Ounces
1 1/2 x 1 1/2	\$1.90	\$2.70	6	3
2 x 1 1/2	2.05	2.85	8	3 1/2
2 x 2	2.20	3.00	8	4
2 1/2 x 2	2.45	3.25	8	4 1/2
2 1/2 x 2 1/2	2.75	3.55	8	5
3 x 3	2.95	3.85	10	5 1/2

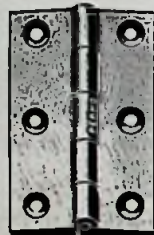


Fig. 952

FAST PIN BUTT HINGES — Fig. 952

Heavy Extruded Brass — With Brass Pin

Size Open Inches	Emerald Finish Per Pair	Polished Chromium Plated Per Pair	Size Open Inches	Emerald Finish Per Pair	Polished Chromium Plated Per Pair
1 1/2 x 1 1/4	\$2.35	\$3.25	2 1/2 x 1 3/4	\$3.50	\$5.00
1 1/2 x 1 1/2	2.50	3.55	2 1/2 x 2	3.65	5.15
2 x 1 1/4	2.70	3.70	2 1/2 x 2 1/2	4.15	5.80
2 x 1 1/2	2.70	3.70	3 x 2	4.15	5.80
2 x 1 3/4	2.95	4.40	3 x 2 1/2	4.75	6.75
2 x 2	2.95	4.40	3 x 3	5.40	7.75



Fig. 953

LOOSE PIN BUTT HINGES — Fig. 953

Heavy Extruded Brass — With Brass Pin

Size Open Inches	Pol. Brass Per Pair	Chromium Plated Per Pair	Size Open Inches	Pol. Brass Per Pair	Chromium Plated Per Pair
1 1/2 x 1 1/2	\$3.65	\$4.40	2 1/2 x 2 1/2	\$5.80	\$7.00
2 x 1 1/2	3.90	4.60	3 x 2	6.20	7.40
2 x 2	4.30	5.10	3 x 2 1/2	6.85	8.15
2 1/2 x 2	5.00	6.00	3 x 3	7.20	8.60



STRAP HINGES — Fig. 120

Cast Bronze



Fig. 120

Length Open Inches	Plain Brass Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair	Weight Per Pair Pounds
4	\$2.40	\$4.75	\$5.10	3/8
6	2.90	5.50	5.80	3/8
8	5.20	6.65	7.30	7/8



"T" HINGES — Fig. 197

Cast Bronze — Brass Pins

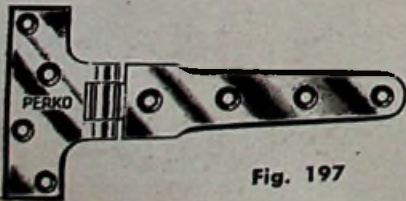


Fig. 197

Length Open Inches	Plain Per Pair	Polished Per Pair	Chromium Plated Per Pair	Width Overall Inches	Weight Per Pair Pounds
4	\$3.75	\$ 6.80	\$ 7.65	2 1/2	1/2
6	4.55	7.75	8.60	3	3/8
8	7.30	11.00	12.25	4	1 1/2

DOOR HINGES — Fig. 808

Zamak Die Casting — Chromium Plated

These attractively shaped hinges are bored and countersunk for, No. 8 screw.

Per Pair	Open Length Inches	Extreme Width Inches	Weight Per Pair Ounces
\$2.95	3	1 1/2	4

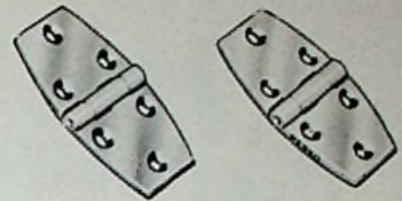


Fig. 808

CABINET HINGES — Fig. 768

Brass — Polished Or Chromium Plated — Flush Or Offset — Offset Is 3/8 Inches

	Polished Brass Per Pair	Chromium Plated Per Pair	Size Open Inches	Gauge	Weight Per Pair Ounces
Offset	\$1.50	\$1.60	2 3/8 x 1 1/2	14	2
Flush	1.50	1.60	2 3/8 x 1 1/2	14	2



Fig. 768

CABINET HINGES — Fig. 772

Brass — Polished Or Chromium Plated — Flush Or Offset

Packed one dozen pairs per box, complete with screws. Offset is 3/8 inch.

	Polished Brass Per Pair	Chromium Plated Per Pair	Size Open Inches	Gauge	Weight Per Pair Ounces
Offset	\$2.00	\$2.50	2 x 1 1/2	14	2
Flush	2.00	2.50	2 x 1 1/2	14	2

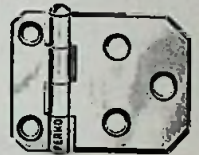


Fig. 772

FLAP HINGES — Fig. 929

Wrought Brass — Thickness .050 inches

	Polished Brass Per Pair	Chromium Plated Per Pair	Length Open Inches	Extreme Width Inches	Weight Per Pair Ounces
	\$1.20	\$1.40	2	3/8	1 1/4



Fig. 929

HATCH HINGES — Fig. 773

Cast Bronze

For use with flush hatch cover.

	Plain Bronze Per Pair	Polished Bronze Per Pair	Chromium Plated Per Pair	Length Inches	Width Overall Inches	Weight Per Pair Pounds
	\$8.20	\$13.80	\$16.55	3 1/2	2 3/4	1 1/4

Illustration shows one half pair.

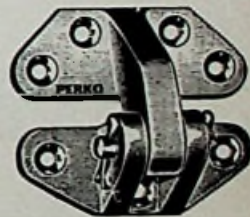


Fig. 773

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	Weight Per Pair Ounces
\$2.05	3	1 1/2	3/16	3

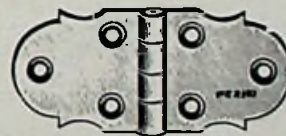


Fig. 950 Stainless Steel
Fig. 924 Brass

CUDDY DOOR HINGES — Fig. 924

Wrought Brass — Thickness .051 Inches

	Polished Brass Per Pair	Chromium Plated Per Pair	Length Open Inches	Extreme Width Inches
	\$1.50	\$1.70	3	1 1/2

CUDDY DOOR HINGES — Fig. 951

Cast Bronze

Length Open Inches	Plain Brass Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair
3	\$2.00	\$4.00	\$4.40
4	2.15	4.15	4.60
5	2.30	4.40	4.80



Fig. 951

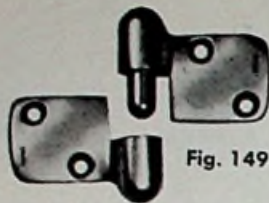


Fig. 149

"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	Weight Ounces
\$4.50	\$7.50	3 15/16	2	6 1/2



Fig. 556

LADDER HINGES — Fig. 556

Cast Manganese Bronze

Polished Bronze Per Pair	Chromium Plated Per Pair	Length Open Inches	Width Inches	Weight Per Pair Ounces
\$6.30	\$7.00	5 3/4	3/4	9



Fig. 1058

BUTTERFLY HINGES — Fig. 1058

Wrought Brass — Plain

No.	Plain Brass Per Pair	Polished Brass Per Pair	Chromium Plated Per Pair
1	\$.45	\$.50	\$.65
2	.65	.80	1.15

No.	Length Open Inches	Width at Pin Inches	Weight Per Pair Ounces	Thickness Inches
1	2 1/4	3/4	1 1/2	.040
2	3 1/8	1 1/8	1 1/2	.045

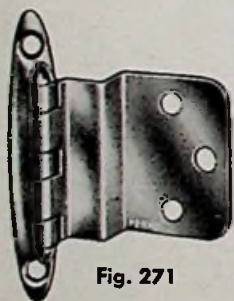


Fig. 271

"SEMI-CONCEALED" HINGE — Fig. 271

Wrought Brass — Chromium Plated

For use on doors with 3/8" inset.

Per Pair	Dimensions Overall Inches	Weight Per Pair Ounces
\$2.80	2 3/4 x 2 1/8	2 1/2



Fig. 979

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	Weight Ounces
\$1.05	\$1.40	2 1/8	1	1 1/4

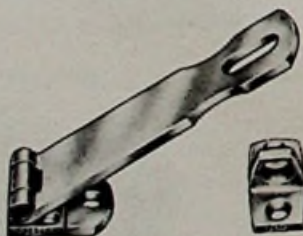


Fig. 1198

NEW SECURITY HINGED HASPS — Fig. 1198

Zamak Die Casting — Chromium Plated

Length Closed Inches	Each	Width Inches	Weight Ounces
2	\$1.75	1	2
3	1.80	1	2 1/4
3 3/4	1.85	1	2 1/2

FLUSH HATCH LIFTING HANDLE — Fig. 774

Cast Brass — Safety Type

No recess to catch heels, chair or table legs, etc.

Burnished Bronze Each	Polished Bronze Each	Chromium Plated Each	Size Plate Inches	Handle Inside Inches	Weight Ounces
\$2.45	\$3.45	\$3.85	3x2¼	1¼x1	6



Fig. 774

FLUSH DROP HANDLES — Fig. 1111

Cast Brass — Recessed Type — For Chest, Hatches, Etc.

No.	Polished Brass Each	Chromium Plated Each	Size Plate Inches	Width Inside Handle Inches	Weight Ounces
1	\$3.95	\$4.55	3 x 2¼	1 7/8	4
2	4.70	5.45	3 ½ x 2 ½	2 ¾	6 ½
3	7.45	8.35	4 ¾ x 4	2 ¾	19



Fig. 1111

FLUSH HATCH LIFTING RING — Fig. 575

Cast Brass — Safety Type

No recess to catch heels, chair or table legs, etc.

Polished Brass Each	Chromium Plated Each	Size Plate Inches	Inside Ring Inches	Weight Ounces
\$2.05	\$2.40	2 x 2 5/8	1	3 ½



Fig. 575

HATCH SUPPORT HINGES — Fig. 758

Cast Brass — Chromium Plated

Cut shows left hand hinge.

Length Open Inches	Per Pair	Drilled for Screw No.	Weight Ounces Per Pair	Packed Per Box Pairs
8	\$ 8.35	5	4	12
10	9.55	6	6	12
12	10.25	6	8	12

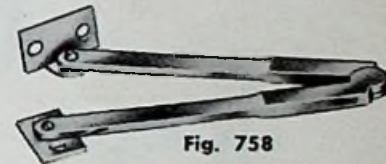


Fig. 758

HATCH ADJUSTERS — Fig. 797

Cast Bronze

Polished Bronze Each	Chromium Plated Each	Length Arm Inches	Length Adjustment Inches	Length Plate Inches	Weight Ounces
\$7.30	\$9.00	10	9 ½	10 ¾	13

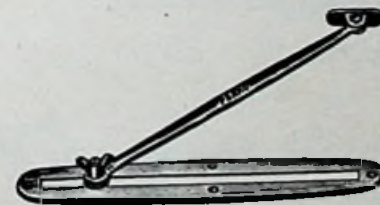


Fig. 797

IMPROVED CASEMENT ADJUSTERS — Fig. 1179

Brass — Heavy Pattern

A non-slip adjuster with powerful grip to stay put in position desired.

Illustration shows swivel base on left side and swinging base on right.

No.	Chromium Plated Each	Length Closed Inches	Length Open Inches	Diam. Outside Tube Inches	Weight Ounces
1	\$8.90	10	18	½	9
2	9.90	12	20	½	11

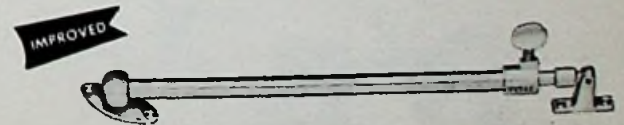


Fig. 1179

CASEMENT OR WINDSHIELD ADJUSTERS — Fig. 1116

Cast Brass

No.	Polished Brass Each	Chromium Plated Each	Length Inches	Diam. Rod Inches	Weight Ounces
1	\$7.50	\$8.50	8	¾	11
2	7.60	8.60	10	¾	12
3	7.75	8.75	12	¾	13



Fig. 1116



Fig. 110

CABINET HANDLES – Fig. 110
Zamak Die Casting – Chromium Plated

No.	Each	Length Overall Inches	Projection Inches	Weight Ounces
1	\$1.20	4 15/16	1	4 1/2
2	1.50	7 9/8	1	5 1/2

Holes tapped to 5/8 inch depth for 10-32 screw.



Fig. 111

DRAWER PULL – Fig. 111
Cast Bronze – Chromium Plated

Each	Length Overall Inches	Length Inside Inches	Weight Ounces
\$1.50	3 11/16	2 3/4	2



Fig. 958

DRAWER PULLS – Fig. 958
Pressed Brass

Polished Brass Each	Chromium Plated Each	Width Overall Inches	Width Inside Inches	Weight Ounces
\$.80	\$1.10	3 3/8	2 3/8	1



Fig. 925

DRAWER KNOBS – Fig. 925
Brass – For Drawers Up To 1 1/8" Thick

Polished Brass Per Dozen	Chromium Plated Per Dozen	Diameter Inches	Weight Per Dozen Ounces
\$10.35	\$12.80	1	12



Fig. 719

TABLE LEG FASTENERS – Fig. 719
Brass – For Fastening Table Leg To Deck

Plain Brass Each	Polished Brass Each	Chromium Plated Each	Length Angle Inches	Width Angle Inches	Weight Ounces
\$2.20	\$2.90	\$3.40	1 1/2	3/8	3



Fig. 1108

ANTI-RATTLE DOOR OR HATCH FASTENER – Fig. 1108
Cast Brass

Polished Brass Each	Chromium Plated Each	Size Base Inches	Weight Ounces
\$4.55	\$5.25	3x2	6

Has 1/4 inch hole in lever for padlock.



Fig. 770

SASH OR SKYLIGHT FASTENERS – Fig. 770
Cast Bronze

Size Inches	Burnished Finish Each	Polished Bronze Each	Chromium Plated Each
3/8 x 4	\$3.60	\$4.85	\$5.45

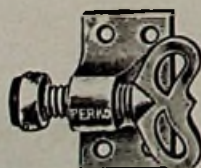


Fig. 839

SASH ANTI RATTLERS – Fig. 839
Cast Bronze

Furnished with leather tip to prevent defacing of wood-work. Size of base 1 1/4"x1".

Polished Bronze Each	Chromium Plated Each
\$2.90	\$3.55

CONTINUOUS HINGE — Fig. 211

Wrought Brass

For use on hatch covers, locker doors, windshields, etc. Holes are two inches apart, center to center.

No.	Width Open Inches	Length Inches	Chromium Plated Each	Thickness Inches	Weight Pounds
1	1 1/4	60	\$6.50	.040	1 1/4
2	1 1/4	72	7.65	.040	1 1/2
3	1 1/2	60	7.00	.040	1 3/4
4	1 1/2	72	8.25	.040	2
5	2	60	8.75	.045	2 1/4
6	2	72	10.50	.045	2 1/2

1 1/4" and 1 1/2" sizes drilled for No. 5 F. H. Wood Screw.
2" size drilled for No. 6 F. H. Wood Screw.

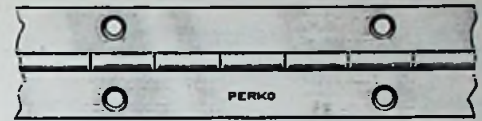


Fig. 211

★

FLAT HATCH TRIM — Fig. 243

Wrought Brass

For finishing around edges of hatch. Drilled and countersunk off center for No. 6 flat head screws.

No.	Chromium Plated Each	Width Inches	Length Inches	Thickness Inches	Weight Pounds
2	\$4.75	1 1/4	72	.040	1
4	5.50	1 1/2	72	.040	1 1/2



Fig. 243

★

NEW STAINLESS STEEL HATCH TRIM — Fig. 258

Type 304 18-8 — Polished

Drilled and countersunk for No. 6 flat head screws.

No.	Each	Width Inches	Length Inches	Thickness Inches	Weight Pounds
2	\$4.30	1 1/4	72	.040	1
4	4.95	1 1/2	72	.040	1 1/2

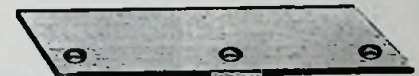


Fig. 258

★

CABINET LATCHES — Fig. 1064

Cast Brass — Chromium Plated

With flush striking plate and brass pin, spring closing. Made either right or left hand.

Each	Length Overall Inches	Length Lever Inches	Weight Ounces
\$2.30	2 1/2	2	6 1/2

Specify right or left hand.



Fig. 1064

★

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
\$4.60	5	4

Specify right or left hand.



Fig. 1063



Fig. 959



Fig. 975



Fig. 635



Fig. 1106



Fig. 610

COAT AND HAT HOOK — Fig. 959

Cast Brass — With Screws

Polished Brass Each	Chromium Plated Each	Projection Inches	Width Base Inches	Weight Ounces
\$.50	\$.70	2 1/8	1 1/8	1 1/4

COAT AND HAT HOOK — Fig. 975

Zamak Die Casting — Chromium Plated

Chromium Plated Each	Projection Inches	Width Base Inches	Weight Ounces
\$.40	2	1 3/8	1

WARDROBE HOOK — Fig. 635

Cast Brass — With Screws

Chromium Plated Each	Projection Inches	Width Inches	Weight Ounces
\$.75	2	1 1/4	1

WARDROBE HOOK — Fig. 1106

Cast Brass — With Screws

Chromium Plated Each	Projection Inches	Width Base Inches	Weight Ounces
\$.75	7/8	3 3/8	1 1/4

UTILITY HOOK — Fig. 610

Cast Brass — With Screws

Polished Brass Per Dozen	Chromium Plated Per Dozen	Projection Inches	Width Base Inches	Weight Ounces
\$ 4.80	\$ 6.20	1 1/8	1 1/8	1

RUBBER FENDER MOULDING — Fig. 158

Half Round — White

Per Foot	Width Inches	Thickness Inches	Weight Per 100 Ft. Pounds
\$.39	1	1/2	22

Supplied only in 50 foot lengths.

QUARTER ROUND RUBBER MOULDING — Fig. 471

Black

Generally used as trim or moulding around cabin windows and windshields.

Size 3/8 x 3/8 inches

Per Foot — \$.20

Supplied only in lengths of 25 feet.

RUBBER DRIP MOULDING — Fig. 192

White Synthetic Rubber — Not Effected by Sun Or Weather

Per Foot	Height Inches	Extension Inches	Weight Per Foot Ounces
\$.35	3/8	3/8	1 1/2

Supplied only in standard lengths of 10 feet.



Fig. 158



Fig. 471



Fig. 192

PAINT SCRAPER SET — Fig. 1015

Per Set — \$3.80

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— $2\frac{3}{8} \times 2\frac{3}{8}$ inches.

No. 2 Blade, Triangular—3x3 inches.

No. 3 Blade, Oval— $2\frac{1}{2} \times 1\frac{1}{4}$ inches.

Length Handle— $8\frac{1}{2}$ inches.

Weight Per Set, 9 Ounces.

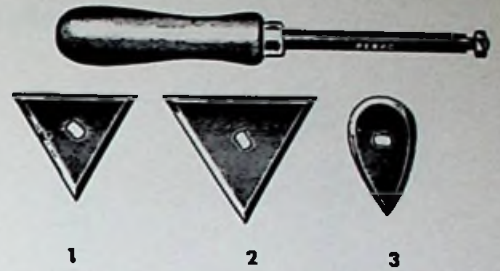


Fig. 1015

★
DOUBLE END SCRAPERS — Fig. 1175
Fine Grade Tool Steel — Heat Treated

Per Doz.	Length Inches	Width Inches	Thickness Inches	Width Blade Inches	Weight Per Dozen Pounds
\$13.00	15	1	$\frac{1}{4}$	$1\frac{1}{4}$	13

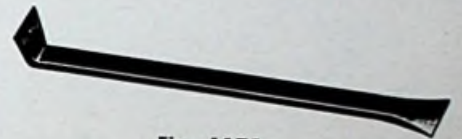


Fig. 1175

★
CAULKING IRONS — Fig. 307

Malleable Iron

Size No.	Per Dozen	Thickness Inches	Length Inches	Width Blade Inches	Weight Per Dozen in Lbs.
00	\$30.00	$\frac{1}{32}$	5	2	$3\frac{1}{2}$
0	30.00	$\frac{1}{16}$	$5\frac{1}{2}$	$2\frac{1}{2}$	$4\frac{1}{2}$
1	31.20	$\frac{1}{8}$	$5\frac{1}{2}$	$2\frac{1}{4}$	$5\frac{1}{4}$



Fig. 307

★
SAIL MAKERS PALMS — Fig. 411
Hide Mounted — Bronze Spindle — Right Hand Only

Seaming—Half Hide Per Dozen \$26.00



Fig. 411

★
MARLINE SPIKES — Fig. 921
Polished Steel — For Wire Rope

Length Inches	Each	Weight Pounds
10	\$5.20	$\frac{3}{8}$
12	5.40	1
14	6.50	$1\frac{1}{4}$
16	6.65	2
18	8.60	$2\frac{1}{2}$

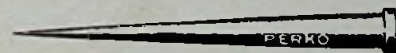


Fig. 921

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MAPLE HAND FIDS — Fig. 923

For use in splicing ropes and light flexible cables, has a rounded end for hand use; varnished finish.

No.	Per Dozen	Size Inches	Weight Per Dozen Pounds
0	\$13.80	$12 \times 1\frac{3}{4}$	$4\frac{1}{2}$
1	16.00	$14 \times 1\frac{3}{4}$	$4\frac{1}{2}$
2	18.00	16×2	6
3	21.00	18×2	$7\frac{1}{2}$
4	30.00	$20 \times 2\frac{1}{4}$	$10\frac{1}{2}$

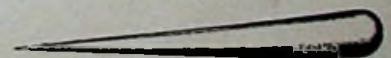


Fig. 923

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Frederick Perkins

CO-FOUNDERS

Louis E. Perkins



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 90,000 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.



1966

THE "PERKO" MAIN OFFICE AND FACTORY IN MIAMI, FLORIDA

In addition to this highly efficient facility in Sunshine State Industrial Park, Perko maintains an office and warehouse in Brooklyn, N.Y. which is available for pickups and emergency shipments via parcel post, United Parcel Service or express in the areas surrounding the Nation's busiest port and boating center. Heavy freight shipments originate from the Miami plant.

PERKO