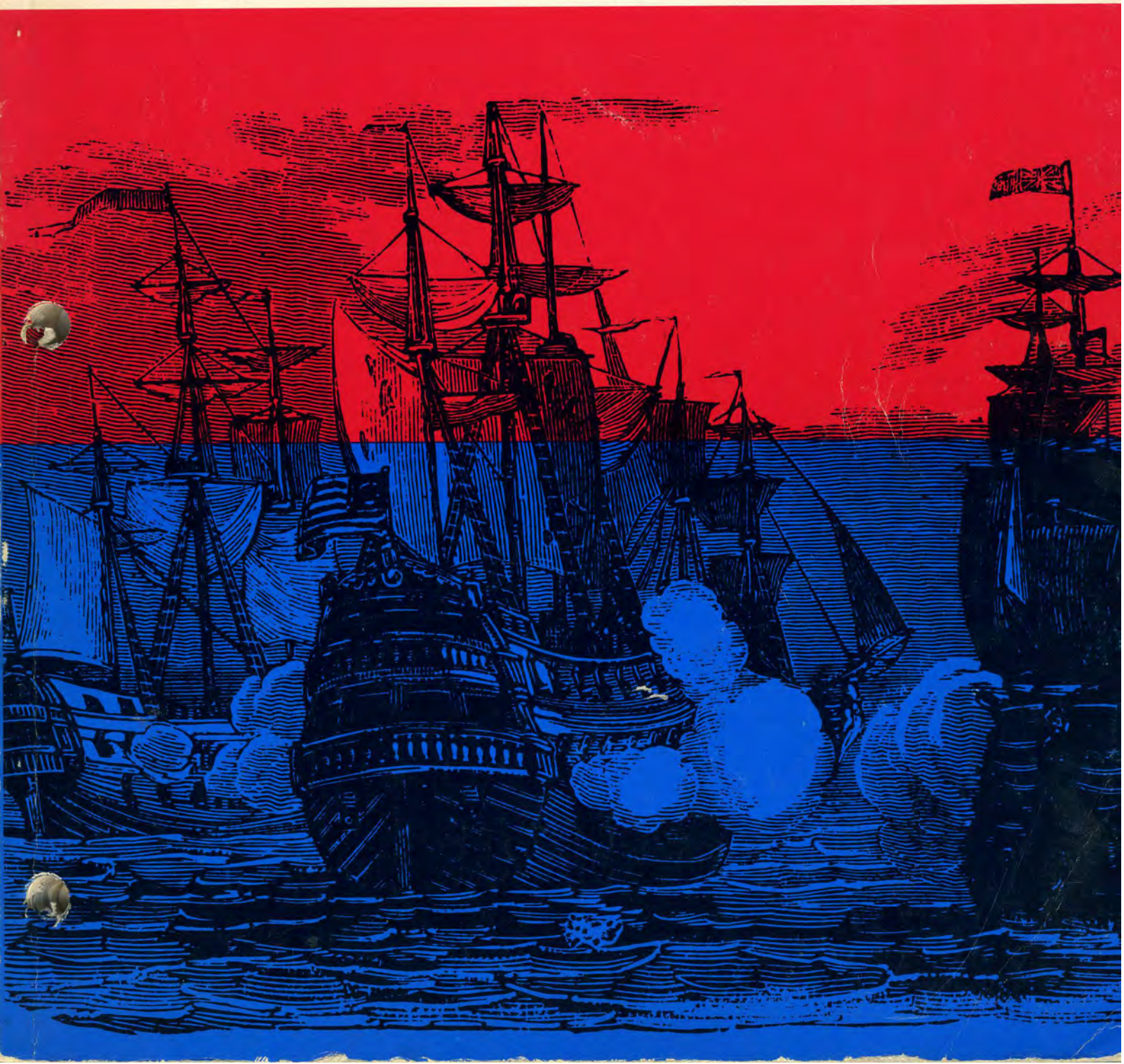


PERKO

1976 CATALOG #225





perkins marine

lamp and hardware
corporation

(ESTABLISHED 1907 —
INCORPORATED 1917)



CATALOG NO. 225

SECTION — A
LIGHTS FOR VESSELS
UNDER 65 FEET

SECTION — B
LIGHTS FOR VESSELS
OVER 65 FEET

SECTION — C
ELECTRIC SWITCHES
INDICATOR LIGHTS
ELECTRIC LAMPS, ETC.

SECTION — D
LIGHTING FIXTURES

SECTION — E
SEARCHLIGHTS

SECTION — F
BLOWERS, VENTS
VENTILATORS

SECTION — G
STOVES, SINKS,
WINDOWS, BELLS, ETC.

SECTION — H
STEERING EQUIPMENT
STRAINERS, FILTERS
UNDERWATER
FITTINGS
PUMPS, DRAINERS

SECTION — I
DECK HARDWARE
CLEATS, CHOCKS,
BOW EYES,
RAIL FITTINGS

SECTION — J
CABINET &
DOOR HARDWARE
LOCKS, HINGES, ETC.

SECTION — K
FISHING
EQUIPMENT

SECTION — L
SKIN PACK

SECTION — M
INDEXES

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

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by Perkins Marine Lamp and Hardware Corp.



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When there is LOSS OR APPARENT VISIBLE DAMAGE to a shipment, when tendered for delivery, DO NOT give the carrier a clear receipt. Note such damage on the carrier's delivery receipt and HAVE THE DRIVER SIGN THE RECEIPT. If a photo-copy machine is available, it would be wise to make a copy of the signed receipt.

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2. If verbal request is made, keep a written record of date of request and name of carrier's employee to whom it was directed.
3. RETAIN for the carrier's inspection, the CONTAINER and ALL PACKING that the damaged or lost material was packaged in.
4. DO NOT SIGN the carrier's Inspection Report unless it agrees in all details with your knowledge of the circumstances.
5. File claim promptly. Include a copy of the Inspection Report, Bill of Lading, Freight Bill and Invoice.
6. SHORTAGES — Must be reported to us within 15 days after receipt of goods.

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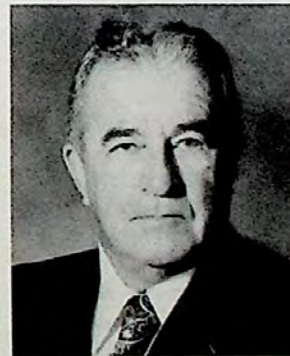
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EQUIPMENT REQUIREMENTS

FROM U. S. COAST GUARD (CG-290) DATED JANUARY 1975

MINIMUM REQUIRED EQUIPMENT BY LENGTH OF BOAT

1. Less Than 16 Feet In Length:

BACK-FIRE FLAME ARRESTER—One approved device on each carburetor of all gasoline engines installed after April 25, 1940 EXCEPT OUTBOARD MOTORS.

VENTILATION—At least two ventilator ducts fitted with cowls or their equivalent for the purpose of properly and efficiently ventilating the bilges of every engine and fuel tank compartment of boats constructed or decked over after April 25, 1940, using gasoline as fuel and other fuels having a flashpoint of 110° F. or less.

There shall be at least one exhaust duct installed so as to extend to the lower portion of the bilge and at least one intake duct installed so as to extend to a point at least midway to the bilge or at least below the level of the carburetor air intake.

BELL, WHISTLE—None.

PFD—See "Personal Flotation Devices".

FIRE EXTINGUISHER/PORTABLE—When NO fixed fire extinguishing system is installed in machinery space(s): At least one B-I type approved hand portable fire extinguisher. (NOT REQUIRED on outboard motorboats less than 26 feet in length if the construction of such motorboats will not permit the entrapment of explosive or flammable gases or vapors.) When a fixed fire extinguishing system is installed in machinery space(s), one less B-I type extinguisher is required.

POLLUTION PREVENTION: See Water Pollution And The Recreational Boatman.

2. 16 Feet To Less Than 26 Feet In Length:

BACK-FIRE FLAME ARRESTER—Same requirements as Section I.

VENTILATION—Same requirements as Section I.

BELL, WHISTLE—No bell required. One hand, mouth, or power operated whistle, audible at least one-half mile.

PFD—See "Personal Flotation Devices".

FIRE EXTINGUISHER/PORTABLE—Same requirements as Section I. Same for fixed systems also.

POLLUTION PREVENTION: Same as Section I.

3. 26 Feet To Less Than 40 Feet In Length:

BACK-FIRE FLAME ARRESTER—Same requirements as Section I.

VENTILATION—Same requirements as Section I.

BELL,—One, which when struck, produces a clear, bell-like tone.

Whistle—One hand or power-operated, audible at least 1 mile.

PFD—See "Personal Flotation Devices".

FIRE EXTINGUISHER/PORTABLE—At least two B-I type approved portable fire extinguishers; or at least one B-II type approved portable fire extinguisher. When an approved fixed system is installed, one less B-I type is required.

POLLUTION PREVENTION: Same as Section I.

4. 40 Feet To Not More Than 65 Feet In Length:

BACK-FIRE FLAME ARRESTER—Same requirements as Section I.

VENTILATION—Same requirements as Section I.

BELL—One, which when struck, produces a clear, bell-like tone.

Whistle—One power operated, audible at least 1 mile.

PFD—See "Personal Flotation Devices".

FIRE EXTINGUISHER/PORTABLE—At least three B-I type approved portable fire extinguishers; OR at least one B-I type PLUS one B-II type approved portable fire extinguisher. When an approved fixed system is installed, one less B-I type is required.

NOTE: Fire extinguishing equipment requirement for MOTOR VESSELS greater than 65 feet in length can be found in Title 46, Code of Federal Regulations, Part 25 and in the U.S. Coast Guard publication "Rules and Regulations for Uninspected Vessels, Subchapter C" (CG-258).

POLLUTION PREVENTION: Same as Section I.

Measuring Your Boat For Length

For determining the length of a vessel, the distance is measured in a straight line from the foremost part of the vessel to the aftermost part of the vessel, parallel to the centerline.

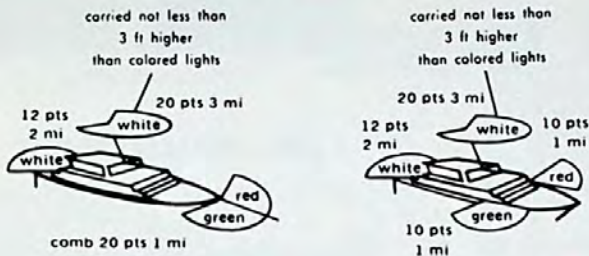
Bowsprits, bumpkins, rudders, outboard motors and brackets, and similar fittings or attachments are not to be included in the measurement.

LIGHT REQUIREMENTS

FROM U. S. COAST GUARD (CG-290) DATED JANUARY 1975

LIGHTS REQUIRED ON BOATS UNDERWAY BETWEEN SUNSET AND SUNRISE

VESSELS OF LESS THAN 65 FEET USING INTERNATIONAL WATERS
(May be used on Inland waters)



INTERNATIONAL: (1) Vessels 40 to less than 65 feet in length must carry 20 point white light 9 feet above gunwale as well as 3 feet higher than colored sidelights, (2) All vessels may display either separate colored sidelights or combined lanterns except vessels under sail alone 40 to less than 65 feet in length must display separate colored sidelights.

LIGHTS FOR USE WHEN ANCHORED OR ROWING

POWER BOATS under 65 feet and all Sailing Vessels at anchor must display anchor lights except those under 65 feet in "special anchorage areas." An anchor light is a white light visible to a boat approaching from any direction, and is displayed in the fore part of the vessel.

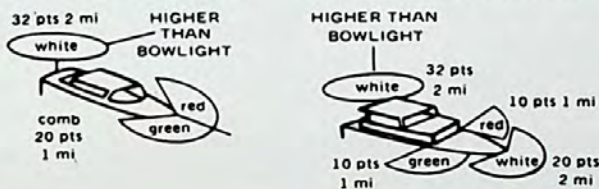
LIGHTS FOR ROWING BOATS



ROWING BOATS: Rowing boats whether under oars or sail shall have ready at hand a lantern showing a white light which shall be temporarily exhibited in sufficient time to prevent collision.

VESSELS USING ONLY INLAND WATERS (including Great Lakes and Western Rivers)

26 FEET TO NOT LESS THAN 26 FEET MORE THAN 65 FEET



IMPORTANT: LIGHTS MUST BE PLACED HIGH ENOUGH THAT THEIR LIGHT WILL NOT BE BLOCKED BY PERSONS OR PARTS OF THE BOAT OR ITS EQUIPMENT.

DEFINITION: "10 pts. 1 mi." means that the light can be seen through an arc of 10 points for a distance of 1 mile by another vessel.

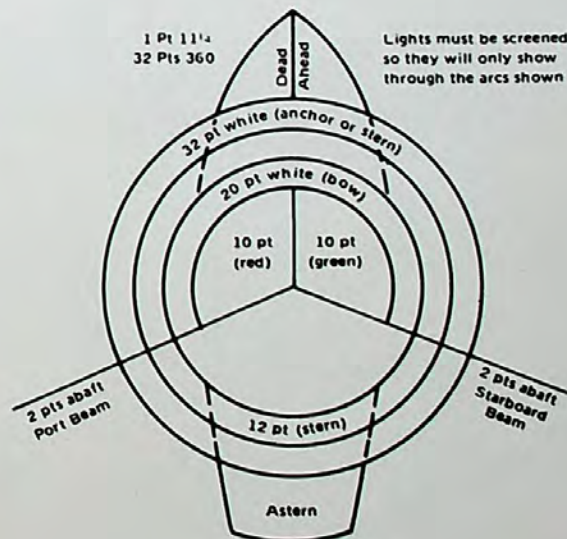
VESSELS UNDER SAIL ALONE



All vessels in Inland and International waters.

Vessels under 40 feet in International waters only.

OPTIONAL for all boats in International waters only.



EXCEPTIONS: (1) Western River Rules. Sidelights for vessels under sail must be visible for 3 miles. (2) Great Lakes. On the Great Lakes sailing vessels show a white light (in lieu of a stern light) upon that portion of the vessel which is being approached by another vessel.

PERKO

1907



The Perko heritage dates back to 1907 when the late Frederick Perkins with his son, Louis, founded a small shop in Brooklyn, N. Y. to manufacture oil lanterns and navigational lights for the maritime industry. Soon the quality of their products became recognized and the company prospered to the point where it incorporated in 1917. During the decades to follow, the original Brooklyn shop was expanded many times to keep pace with the growing demand for the ever broadening Perko line. By 1960 further plant expansion was no longer feasible because of property limitations.

At this point the surviving Co-Founder, Louis Perkins, decided to move the entire operations to its present facility in Miami, Florida. He coordinated and supervised the monumental relocation and played a vital role in planning the highly efficient plant layout.

As a result of his vision and determination, all manufacturing facilities in the Miami plant are effectively arranged under one roof. Every step of production from the bronze and die cast foundry to final assembly and inspection is completely coordinated.

Before his passing in 1964, Louis E. Perkins devoted his efforts to making sure his new plant, the most modern in the industry, produced quality products worthy of the Perko name he founded.

The original area of the plant in Miami in 1961 was 90,000 square feet. The total enclosed area is now 147,000 square feet.



Frederick Perkins

CO-FOUNDERS

Louis E. Perkins



1975



PERKO[®]

Navigation lights
for vessels
under 65 feet...

**CERTIFIED
LIGHTS**



BOAT CERTIFICATION PROCEDURES

BOATING INDUSTRY ASSOCIATION is a national trade association serving all elements of the recreational boating industry.

Its members include manufacturers of all types of boating equipment – outboard and inboard boats, sailboats, marine engines, outboard motors, boat trailers, boating accessories and supplies.

BOATING INDUSTRY ASSOCIATION has developed certification programs to help manufacturers comply with established standards and safety regulations, and to help inform the public of such compliance when purchasing equipment.

In 1968 BIA inaugurated a certification program for boat manufacturers covering horsepower and

load capacity, flotation, steering and fuel systems, compartment ventilation, navigation lights and backfire flame control.

A manufacturer participating in this program must certify all models less than 26 feet in length (except racing boats) as fitted with standard equipment on a model year basis. BIA's eighteen year old boat capacity rating program is incorporated into certification covering load and horsepower capacity and flotation.

Inspectors from a nationally recognized independent testing laboratory visit the manufacturer, check for the BIA capacity and flotation ratings, and physically inspect each model for compliance with all boat certification standards.

PERKO NAVIGATIONAL LIGHTS TESTED AND SELF CERTIFIED

CERTIFIED

DURING THE PAST SEVERAL YEARS WE HAVE DEVOTED A GREAT DEAL OF TIME AND EXPENSE TO FIELD AND LABORATORY TESTS IN AN EFFORT TO COMPLY WITH B.I.A. STANDARDS AND TO ENABLE US TO CERTIFY ACCORDINGLY.

WHERE WE INDICATE THAT CERTAIN LIGHTS ARE CERTIFIED, IT MEANS THAT ALL TESTS HAVE BEEN COMPLETED AND IN OUR JUDGEMENT, THE LIGHT COMPLIES WITH B.I.A. STANDARDS.

THEY ARE ALSO DESIGNED AND MANUFACTURED TO MEET THE EXISTING REGULATIONS OF THE U.S. COAST GUARD.

ELECTRIC LAMPS (BULBS)

12 Volt – 32 Volt Equivalents

Our Lights Are Supplied With 12 Volt Lamp Installed, Unless Otherwise Indicated.
32 Volt Lamps Are Supplied as Extra Item But Not Installed In The Light.

12 VOLTS

MFRS. LAMP NO.	PERKO FIG. NO.
90	337 No.11
1004	337 No.12
1142	337 No.13
1144	337 No.14
1416	56 No. 4
15-A	340 No. 5
25-A	340 No. 6

32 VOLTS

MFRS. LAMP NO.	PERKO FIG. NO.
624	337 No.18
1228	337 No. 19
1692	337 No.20
1054	337 No.21
1495	56 No. 6
15-A	340 No.11
25-A	340 No.12

®"CHROMALEX" COMBINATION BOW LIGHTS

PERKOPLATE CHROMIUM FINISH – RED AND GREEN HIGH INTENSITY FRESNEL LENSES
 DELRIN NON-CORROSIVE DOUBLE CONTACT SOCKET – COMPLETE WITH
 ELECTRIC LAMP INDICATED BELOW

20 POINTS – 225 DEGREES – 1 MILE VISIBILITY
 CERTIFIED WITH A NO. 1004 LAMP, 12 VOLTS 15 C.P. SUPPLIED WITH LIGHT

Size Base	Height Inches	Screw No.	Weight Ounces
4x3-1/8	1-7/8	8	5-1/2

Fig. 1161 Has Silicon Bronze Housing Mounted on Black Plastic Base Housing is Polished Chromium Plated.

Each

Fig. 1310 Has Die Cast Zinc Alloy Housing Mounted on Black Plastic Base Housing is Polished Chromium Plated.

Each

NEW MARK II Has a Black Plastic Insert on Top of Chromium Plated Housing. A New Cosmetic Improvement In Marine Equipment.

Fig. 1410 Has Die Cast Zinc Alloy Housing Mounted On Black Plastic Base. Available In Two Chromium Plated Finishes As Follows. Polished Chromium Finish or Soft Satin Non-Glare Chromium Finish.

Each

MARK I



Fig. 1161 – Bronze
 Fig. 1310 – Zinc Alloy

CERTIFIED

NEW MARK II



Fig. 1410 – Polished Chrome
 Fig. 7-1410 – Satin Chrome

CERTIFIED

SKIN PACK – Fig. 1310-SP

One Light Per Card
 Six Cards Per Box
 Weight Per Box, 2½ Pounds

Sold To Trade In Full Box Only



Fig. 1310-SP

SPARE PARTS

Electric Sockets, See Fig. 24 No. 1
 Lamps or "Bulbs," See Fig. 337 No. 12

Lenses — Red, Specify Fig. 283-R
 Lenses — Green, Specify Fig. 283-G

COMBINATION BOW LIGHTS

DIE CAST ZINC ALLOY — PERKOPLATE POLISHED CHROMIUM FINISH
 RED AND GREEN FRESNEL LENSES — DELRIN NON-CORROSIVE DOUBLE CONTACT SOCKET
 20 POINTS — 225 DEGREES — 1 MILE VISIBILITY

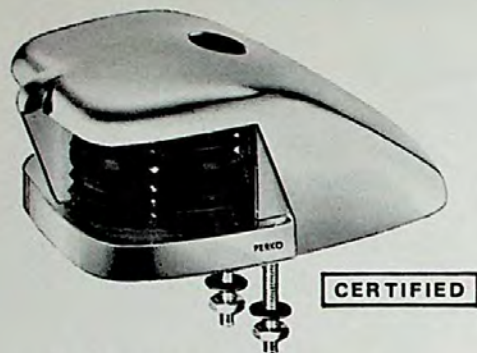


Fig. 1215 — For Screw Mounting
 Fig. 1284 — For Stud Mounting

THE "FUTURA"—Figs. 1215 & 1284

Certified with No. 1004 Bulb, 12 Volts, 15 C.P.
 Supplied with Light.

Assembled With One Bolt Inside Staff Socket

Fig. 1284 Has Two Studs, 12-24 Projecting 2 Inches Below
 The Light. With Washers and Nuts.

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

Fig. 1215, Each
 Fig. 1284, Each



THE "RANGER"—Fig. 1218

Certified with No. 1004 Bulb, 12 Volt, 15 C.P.
 Supplied with Light.

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



Fig. 1218



Fig. 1218-SP

SKIN PACK — Fig. 1218-SP

One Light Per Card
 Three Cards Per Box
 Weight Per Box, 4 Pounds

Sold To Trade In Full Box Only



"LITTLE JOE" — Fig. 1146

Miniature Bayonet Electric Socket

Certified with No. 1416 Bulb, 12 Volts, 8 C.P.,
 Supplied with Light.

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



Fig. 1146



Fig. 1146-SP

SKIN PACK — Fig. 1146-SP

One Light Per Card
 Three Cards Per Box
 Weight Per Box, 1 1/4 Pounds

Sold To Trade In Full Box Only

SPARE PARTS

Lenses — Red, For Figs. 1215, 1284, Specify Fig. 251-R
 Lenses — Green, For Figs. 1215, 1284, Specify Fig. 251-G
 Lenses — Red, For Fig. 1218, Specify Fig. 259-AR
 Lenses — Green, For Fig. 1218, Specify Fig. 259-AG
 Lenses — Red, For Fig. 1146, Specify Fig. 232-R

Lenses — Green, For Fig. 1146, Specify Fig. 232-G
 Electric Sockets For Figs. 1215, 1218, 1284, See Fig. 24 No. 1
 Electric Sockets For Fig. 1146, Specify Fig. 1146-99A
 Lamps (Bulbs) For Figs. 1215, 1218, 1284, See Fig. 337 No. 12
 Lamps (Bulbs) For Fig. 1146, See Fig. 56 No. 4

COMBINATION BOW LIGHTS — Fig. 904 and 972

Brass — Polished Chromium Plated — Black Plastic Base
 20 Points — 225 Degrees — Red and Green Lenses
 1 Mile Visibility

With Stainless Steel Screws For Mounting.

Certified with No. 1416, 12 Volt, 8 C.P. Bulb Supplied
 with Light — Brass Miniature Bayonet Type Socket

Fig. 904

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

Fig. 972

Each	Height Inches	Diameter Base Inches	Diameter Neck Inches	Length Neck Inches	Weight Ounces
	1-5/8	2-3/8	3/4	1/2	3

CERTIFIED



Fig. 904



Fig. 972

CERTIFIED



Fig. 972-SP

SKIN PACK — Fig. 972-SP

One Light Per Card
 Four Cards Per Box
 Weight Per Box, 1 Pound

COMBINATION BOW LIGHTS — Figs. 970 and 974

Brass Light with Black Plastic Base
 Tubing Anodized Aluminum
 Deck Fittings are Die Cast Zinc Alloy — Polished Chromium Plated
 20 Points — 225 Degrees — Red and Green Lenses
 1 Mile Visibility

Certified with No. 1416, 12 Volt, 8 C.P. Bulb Supplied
 with Light — Brass Miniature Bayonet Type Socket.

Designed for Trolling, Bass Boats etc.

Adjustable or removable when not in use.

When in Fixed Vertical Position, the Light should be seen
 over the Top of the Electric Trolling Motor.

NEW Fig. 970

Light is Removable From Deck Socket for Stowing Away —
 Makes or Breaks Electric Connection When Inserted or Removed.

Has Waterproof Cap for Opening When Light Is Removed

Each	Height Inches	Diameter Flange Inches	Diameter Flange Inches	Weight Ounces
	8-1/2	2-1/4	2-1/4	8

Fig. 974

Adjustable to Various Angles — Removable or Can Be Laid
 Down When Not In Use.

Each	Height Overall Inches	Dimensions Base Inches	Weight Ounces
	8-1/2	2 x 5/8	9

CERTIFIED



Fig. 970



Fig. 974

CERTIFIED

SPARE PARTS

Lenses—Red, Specify Fig. 296-R.
 Lenses—Green, Specify Fig. 296-G.
 Electric Sockets, Specify Fig. 1109

Fig. 974 Bracket Assembly with Thumb Screw and End Cap.
 Specify Fig. 1120.
 Lamps (Bulbs), See Fig. 56, No. 4.

IMPROVED STERN POLE LIGHTS

PERKOPLATE CHROMIUM FINISH

DELTRIN D.C. SOCKET - WITH BULB - WIRED

CLEAR HIGH INTENSITY FRESNEL GLOBE

FRESNEL GLOBES INTENSIFY THE LIGHT AND PRODUCE HORIZONTAL BEAM CANDLEPOWER MUCH HIGHER THAN THE C.P. RATING OF THE BULB. LIGHT DIFFUSION AND BLINDING OF THE OPERATOR IS REDUCED TO A MINIMUM.

CERTIFIED WITH NO. 90, 12 VOLT 6 C.P. BULB
32 POINTS - 2 MILE VISIBILITY



CERTIFIED

Fig. 1311 Die Cast
Fig. 7-1311 Die Cast
Fig. 1162 Bronze



The Improvement is a New Mounting Base Reduced to a Minimum Practical Size, A Positive and Unique Tightening Device for Adjusting the Height or Removing the Pole from the Base.

Fig. 1311 Has Die Cast Zinc Alloy Globe Holder and Base. Polished Chromium Plated Finish.

Fig. 7-1311 is the Same as Above but the Finish is Satin Chromium Plated.

Fig. 1162 Has Pressure Cast Bronze Globe Holder, Die Cast Zinc Alloy Base and Polished Chromium Plated Finish.

Base Dimensions - 3-1/4" Long, 1-5/8" Wide.

No.	Figs. 1311 7-1311 Each	Fig. 1162 Each	Maximum Length Inches	Weight Pounds
2			24	7/8
3			30	1
4			36	1-1/8

STOW - A - WAY TYPE

Has Female Double Contact Connector in Bottom of Pole, Male Connector in Mounting Base.

When Pole is Inserted in Base Electrical Hook Up is Complete.

A Plastic Cap is Attached to Base to Waterproof the Opening when Pole is Removed.

Die Cast Zinc Alloy Globe Holder and Base.

Fig. 1330 Has Polished Chromium Plated Finish.

Fig. 7-1330 Has Satin Chromium Plated Finish.



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Fig. 1330 Polished Chrome
Fig. 7-1330 Satin Chrome



IN POLE

Size No.

Each

Length Inches

Weight Pounds

2

24

1

3

30

1-1/8

4

36

1-1/4



IN BASE

SPARE PARTS, SEE PAGE A-7

STOW-A-WAY TYPE

BRASS - Fig. 1209

Same Features as Fig. 1330 But this Unit has Bronze Globe Holder and Brass Mounting Base.

A Brass Cap is Attached to the Base to Waterproof the Opening When Pole is Removed. A Plastic Cap Retainer is Also Included.

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

Size No.	Each	Length Overall Inches	Weight Pounds
2		24	1
3		30	1-1/4
4		36	1-1/2

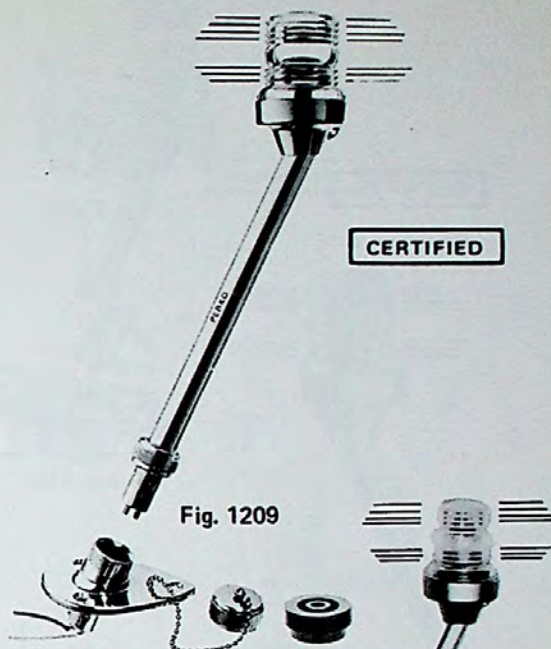


Fig. 1209

TELESCOPING TYPE - Fig. 1148

Die Cast Zinc Globe Holder and Base

Height is adjustable from a minimum of 6 inches to a maximum of 52 inches.

Each	Diameter Lower Tubing Inches	Dimensions Base Inches	Weight Pounds
	3/4	3-1/4 x 1-5/8	1-1/2

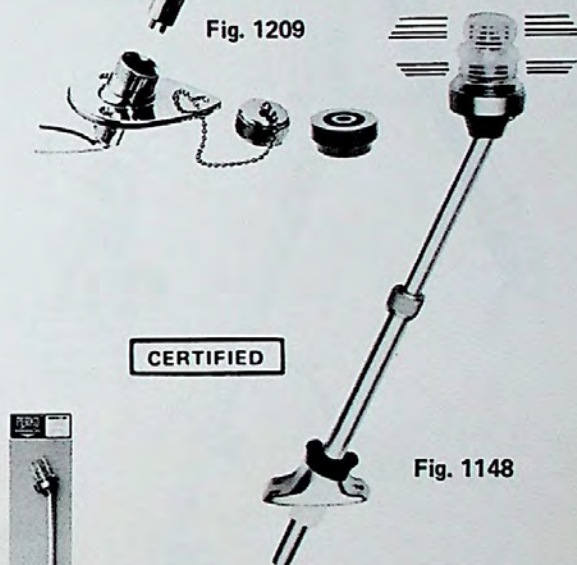


Fig. 1148

SKIN PACK - Fig. 1311-SP

One Light Per Card
Five Cards Per Box
Weight Per Box 4 1/2 Pounds

Sold To Trade In Full Box Only



Fig. 1311 SP

SKIN PACK - Fig. 1330-SP

One Light Per Card
Five Cards Per Box
Weight Per Box 5 Pounds

Sold To Trade In Full Box Only



Fig. 1330-SP

SPARE PARTS FOR POLE LIGHTS PAGES A-6 AND A-7

- Fresnel Globes with Gasket - See Fig. 248.
- Delrin D.C. Sockets - See Fig. 24 No. 2.
- Lamps (Bulbs) - See Fig. 337 No. 11.
- Mounting Base Only For Figs. 1148, 1162, 1311. Specify Fig. 1156 and Finish.
- Mounting Base Only For Fig. 1330 with Connector and Cap. Specify Fig. 1330-99-A and Finish.
- Mounting Base Only For Fig. 1209 with Connector and Cap. Specify Fig. 1209-99-A.
- Cap and Chain with Retainer For Fig. 1209, Specify Fig. 1209-99-B.

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

VARIABLE ANGLE ASSEMBLY—Figs. 1134, 1135 & 1137

Die Cast Zinc Alloy Base and Globe Holder
Chromium Plated

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

High intensity Fresnel Globe at proper angle for horizontal beams of light.

Certified with a No. 90, 12 Volt 6 C.P. bulb we supply with the light.

32 Point – 2 Mile Visibility

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

Fig. 1134 for flat Windshield or Horizontal Frame.

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

Spare Brackets, Specify Fig. 1120

Fig. 1135 for V-type Windshield.

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

Spare Brackets, Specify Fig. 1121

Fig. 1137 for flat or V-type Center Posts of Windshield.

Dimensions, Width (A) - 5/8", Height (B) - 2-1/4".

Spare Brackets, Specify Fig. 1122

Spare Brackets Include Thumb Screw, Washer and End Cap



FOLD DOWN POLE LIGHT—Fig. 1258

For Flat or V-Type Windshield
Die Cast Zinc Alloy Globe Holder
Chromium Plated

High intensity Fresnel Globe – Stainless Steel Mounting Bracket – Delrin Non-Corrosive D.C. Socket

Certified with a No. 90, 12 Volt 6 C.P. bulb we supply with the light.

32 Point – 2 Mile Visibility

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

Spare Mounting Bracket with Bolt and Nut, Specify Fig. 1157

SPARE PARTS

Globes with Gasket, Specify Fig. 248.

Delrin D.C. Sockets, Specify Fig. 24, No. 2.

Lamps (Bulbs), See Fig. 337, No.11.

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Fig. 1134

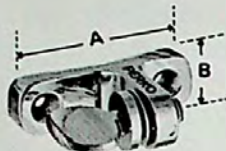


Fig. 1135



Fig. 1137



CERTIFIED

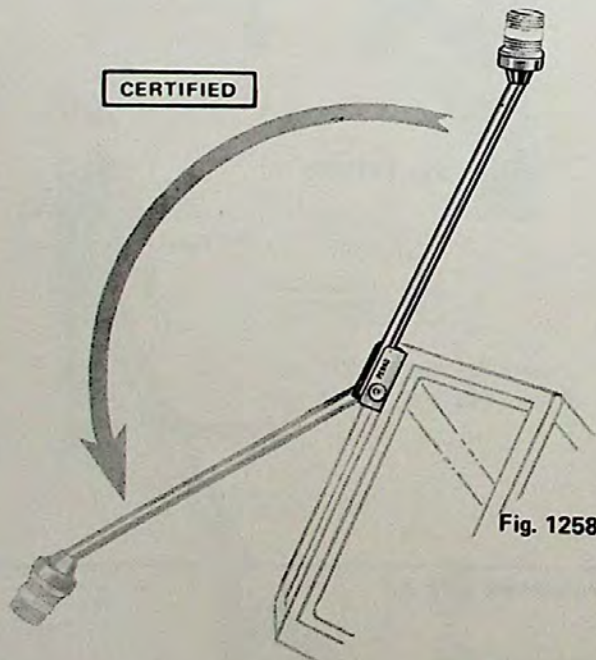


Fig. 1258

CLAMP-ON POLE LIGHT—Fig. 1211

For Convertible Top Mounting
Die Cast Zinc Alloy — Chromium Plated
High Intensity Fresnel Globe — Delrin D.C. Socket

Certified with No. 90, 12 Volt, 6 C.P. Bulb
which we supply. 32 Point — 2 Mile Visibility.

Large Knob For Easy Installation or Removal. Adjustable
To Fit Tubing 1/2" to 1".

Each	Height Above Clamp Inches	Weight Pounds
	7-1/2	1

Spare Clamps, See Fig. 1302
Spare Knobs, Specify Fig. 1292
Other Spares, See Page A-7

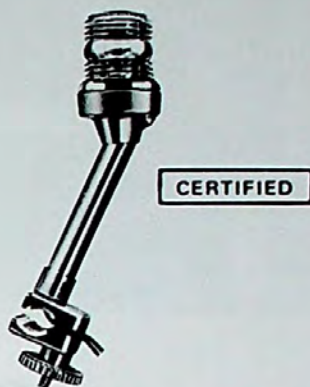


Fig. 1211

"PULL-APART" POLE LIGHT — Fig. 658

For Windshield Mounting — Chromium Plated —
Stainless Steel Brackets — Delrin Non-Corrosive
D.C. Electric Socket

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

Certified with No. 90, 12 Volt, 6 C.P. Bulb
32 Point — 2 Mile Visibility

Each	Length Overall Inches	Weight Pounds
	36	1-3/4

Spare Top Section, Specify Fig. 658-99A
Spare Brackets with Screw and Nut, Specify Fig. 660
Spare Glare Shield, See Fig. 663

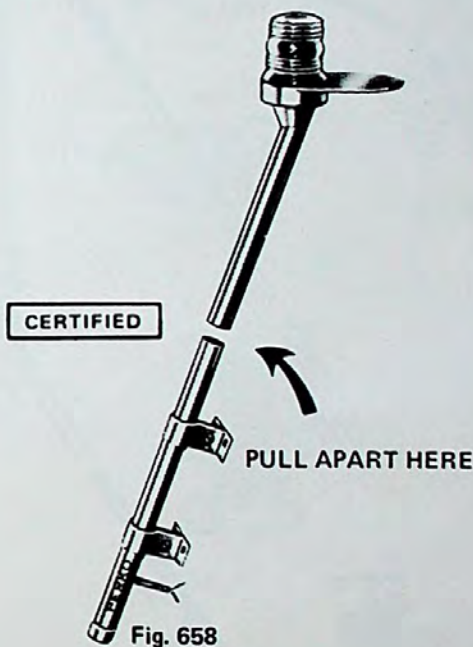


Fig. 658

GLARE SHIELDS — FIG. 663

For Pole or Mast Lights
18-8 Stainless Steel — with Vinyl Edge Moulding

Held by Fresnel Globe as shown on Fig. 658

Each	Dimensions Inches	Weight Ounces
	4-3/4 x 3-1/2	1-1/2



Fig. 663

HALYARD EYES—Figs. 234 & 235

For Metal Flag Poles — White Nylon

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

Fig. 234, each.
Fig. 235, each.
Standard Package, 10 Pieces.



Fig. 234



With Brass Snap
Fig. 235



COMBINATION BOW

Here's a dual purpose fitting designed with a compartmented globe section each of which contains a bulb. When the forward compartment is illuminated, the light serves as a bow light which meets the requirements for a 20 point light (3 mile visibility) mounted at least 3' above the colored side or combination light. When both compartments are illuminated, it serves as a 32 point anchor light (2 mile visibility) visible all round the horizon.

All lights below certified with No. 1416 bulbs, 12 Volt, 8 C.P.



FOLD DOWN ASSEMBLY—Fig. 1195

For Windshield Mounting — Chromium Plated — Stainless Steel Mounting Bracket — Complete with 2 Bulbs.

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

Glare Shield for above, see Fig. 1192.

Spare Mounting Bracket with Bolt and Nut, Specify Fig. 1157.



PULL-APART ASSEMBLY—Fig. 1193

For Windshield Mounting — Chromium Plated — Stainless Steel Mounting Brackets — Cap for Lower Section — Complete with 2 Bulbs.

Electric connectors are inside tubing.

Contact is made when upper section is mounted.

Each	Length Overall Inches	Height Bottom Section Inches	Width Brackets Inches	Diameter Tubing Inches	Weight Pounds
	30	16	1	3/4	1-1/2

Glare Shield for Above, see Fig. 1192.

Spare Top Section, Specify Fig. 1193-99A.

Spare Brackets with Screw and Nut, Specify Fig. 660.



CLAMP-ON ASSEMBLY—Fig. 1301

For Convertible Top Mounting — Chromium Plated — Complete with 2 Bulbs.

Large Knob for easy installation or removal. Adjustable to fit tubing 1/2" to 1".

Each	Height Above Clamp Inches	Weight Pounds
	7-1/2	1

Spare Clamps, See, Fig. 1302.

Spare Knobs, Specify Fig. 1292.



FIXED ASSEMBLY—Fig. 1196

For Hard Top Mounting — Chromium Plated — Complete with 2 Bulbs.

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

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

CERTIFIED

As a 20 Point Bow Light

Fig. 1195

Fig. 1193

Fig. 1301

Fig. 1196

AND ANCHOR LIGHTS

This unit saves time and money for builders and do-it-yourself owners. The light is completely wired and color coded for three position switch. See Switch Fig. 366.

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. All Electric Sockets are Brass.

All lights below certified with No. 1416 bulbs, 12 Volt, 8 C.P.

Patent No. 3344264

FOLD DOWN

VARIABLE ANGLE ASSEMBLY – Figs. 1181, 1182 & 1184
For Windshield Mounting – Chromium Plated – Complete with Two Bulbs

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

Complete Each	Height Overall Inches	Diameter Tubing Inches	Weight Ounces
	13-1/2	3/4	13

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

Spare Brackets, Specify Fig. 1120

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

Spare Brackets, Specify Fig. 1121

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

Spare Brackets include Thumb Screw, Washer and End Cap.



Fig. 1181



Fig. 1182



Fig. 1184



Fig. 1183



Fig. 1197

MAST ASSEMBLY – Fig. 1183

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

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

MAST ASSEMBLY – Fig. 1197

For Mounting Into Masthead or Over a Staff – Chromium Plated – Complete with Two Bulbs

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

GLARE SHIELD – Fig. 1192

For Combination Bow and Anchor Lights – 18-8 Stainless Steel With Soft Vinyl Moulding Around Edges.

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

Each	Dimensions Inches	Weight Ounces
	4-3/4 x 3-1/2	1-1/2

NOTE—This shield cannot be supplied with Figs. 1183 and 1196.



Fig. 1192

Spare Lenses For All Above Lights, Specify Fig. 278.

Spare Electric Sockets, Miniature Bayonet, Specify Fig. 1109.

Three Position Switches, See Fig. 366.

Spare Lamps (Bulbs), See Fig. 56 No. 4.

Spare Lens Cap with Screw, Specify Fig. 1158.

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Fig. 455

STERN OR ANCHOR LIGHT—Fig. 455

Die Cast Zinc Alloy — Chromium Plated
Certified with No. 90 - 12 Volt, 6 C.P. Bulb Supplied.

2 Mile Visibility.

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



STERN OR ANCHOR LIGHT—Fig. 438

All Brass — Chromium Plated
Certified with No. 90, 12 Volt 6 C.P. Bulb Supplied

2 Mile Visibility.

No.	Each	Height Inches	Diameter Globe Inches	Size Base Inches	Weight Ounces
1		6	1-3/4	3-3/8x2-1/4	6
2		12	1-3/4	3-3/8x2-1/4	10



Fig. 438

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MAST LIGHTS—Figs. 362 & 371

Pressure Cast Bronze — Fresnel Globe — Double Contact Socket

Clear — Certified for No. 90, 12 Volt 6 C.P. Bulb

2 Mile Visibility.

Fig. 362 — Tapped for 1/2 inch pipe.

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

Bulb Not Included.



Fig. 362

CERTIFIED



Fig. 371

Fig.	Plain Each	Chromium Plated Each	Diam. Globe Inches	Height Overall Inches	Diam. Base Inches	Wt. Lbs.
362			1-3/4	3-1/4	2-1/8	1/2
371			1-3/4	2-7/8	2-1/8	3/8



MAST LIGHTS—Fig. 488

Cast Bronze — Plain — Clear Fresnel Globe —
Double Contact Socket

Clear — Certified For No. 1142, 12 Volt 21 C.P. Bulb

Green — Certified For No. 1144, 12 Volt 32 C.P. Bulb

2 Mile Visibility.

Bulb Not Included.

Threaded 1/2 inch I.P.S.

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

Green — Specify Fig. 488 G.



Fig. 488

CERTIFIED

SPARE PARTS

Globes For Figs. 362, 371, 438, 455, See Fig. 248.
Globes For Fig. 488, See Fig. 77.
Spare Lamps (Bulbs), See Fig. 337.

Sockets For Figs. 362, 371, See Fig. 24 No. 1.
Sockets For Figs. 438 and 455 No. 1, See Fig. 24 No. 1.
Sockets For Figs. 438 and 455 No. 2, See Fig. 24 No. 2.
Socket For Fig. 488, See Fig. 276, No. 2

ANCHOR OR SIGNAL LIGHT – Fig. 112

Cast Bronze – Plain

High Intensity Fresnel Globe
 Medium Screw Electric Socket – Bulb Not Included
 Clear and Amber – Certified for 15 Watt A-17 Bulb.
 Red and Green – Certified for 25 Watt A-19 Bulb.
 2 Mile Visibility

Each	Height Overall Inches	Diameter Base Inches	Weight Pounds
	8-3/4	3-1/8	3-3/4

Amber, Specify Fig. 112 M
 Red, Specify Fig. 112 R
 Green, Specify Fig. 112 G



Fig. 112

CERTIFIED

MAST OR SIGNAL LIGHT – Fig. 309

Cast Bronze – Plain

High Intensity Fresnel Globe
 Medium Screw Electric Socket – Bulb Not Included
 Clear and Amber – Certified for 15 Watt A-17 Bulb.
 Red and Green – Certified for 25 Watt A-19 Bulb.
 2 Mile Visibility

Each	Height Overall Inches	Tapped Pipe Size Inches	Weight Pounds
	6-1/2	1/2	2-1/2

Amber, Specify Fig. 309 M
 Red, Specify Fig. 309 R
 Green, Specify Fig. 309 G



Fig. 309

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MEAL AND ABSENT LIGHT—Fig. 329

Cast Bronze – Watertight – Double Contact Bayonet Socket

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

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



Fig. 329

“NON-FOULING” SPREADER LIGHT—Fig. 265

Pressure Cast Bronze – Chromium Plated - With 12 Volt, 6 C.P. Bulb

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

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



Fig. 265

SPREADER FLOODLIGHT—Fig. 268

All Brass – Chromium Plated – Sealed Beam – 12 Volts

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

Each	Diameter Overall Inches	Depth Inches	Size Mounting Plate Inches	Weight Pounds
	4-5/8	4-1/4	5-5/8 x 3/4	1-1/4



Fig. 268

SPARE PARTS

Globes For Figs. 112, 309, See Fig. 106.
 Globes For Fig. 329, Specify Fig. 250 and Color.
 Lens with Gasket For Fig. 265, Specify Fig. 284.
 Sealed Beam Unit For Fig. 268, Specify 268-99-A.
 Lamps (Bulbs), For Fig. 265, See Fig. 70 No. 0.

Sockets For Figs. 112, 309, Specify Fig. 222.
 Sockets For Fig. 329, See Fig. 24 No. 1.
 Sockets For Fig. 265, Specify Fig. 265-99-A.
 Lamps (Bulbs), For Figs. 112, 309, See Fig. 340.
 Lamps (Bulbs), For Fig. 329, See Fig. 337.

® "CHROMALEX" INTERNATIONAL NAVIGATION LIGHTS
 BRASS – PERKOPLATE CHROMIUM PLATED
 BLACK PLASTIC BASE
 WITH STAINLESS STEEL SELF TAPPING SCREWS FOR MOUNTING



CERTIFIED

Fig 955



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

Fig. 955-SP



CERTIFIED



Fig. 915

CERTIFIED

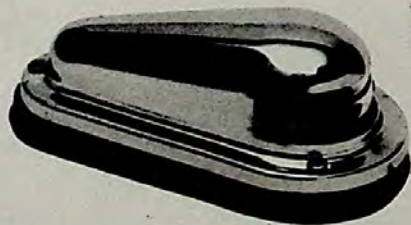


Fig. 903

SIDE LIGHTS—Fig. 955

10 Points – 112-1/2 Degrees – 1 Mile Visibility

Certified with No. 90, 12 Volt, 6 C.P. Bulb Supplied with Lights

Delrin Non Corrosive Double Contact Socket
 Red and Green High Intensity Fresnel Lenses

Per Pair	Length Inches	Width Inches	Depth Inches	Weight Per Pair Ounces
	4-1/4	2-3/8	1-3/4	7

Half Pair, Red, Specify Fig. 955 R, Green, Specify Fig. 995 G

Spare Lenses, Red, Specify Fig. 283 R

Spare Lenses, Green, Specify Fig. 283 G

Spare Sockets, see Fig. 24 No. 1

Spare Lamps (Bulbs) see Fig. 337 No.11

★ SKIN PACK – Fig. 955-SP

1 Pair Per Card

4 Cards Per Box

Weight Per Box, 2 Pounds

Sold To Trade In Full Box Only

★ SIDE LIGHTS—Fig. 915

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

1 Mile Visibility

Certified with No. 1416, 12 Volt, 8 C.P. Bulb Supplied

with Light – Brass Miniature Bayonet Type Socket

For Mounting on Deck or Top of Deck House

Per Pair	Length Inches	Width Inches	Depth Inches	Weight Per Pair Ounces
	4-1/4	2-3/8	1-3/4	7

Half Pair, Red, Specify Fig. 915 R, Green, Specify Fig. 915 G.

Spare Lenses, Red, Specify Fig. 281 R

Spare Lenses, Green, Specify Fig. 281 G

Spare Sockets, Specify Fig. 1109

Spare Lamps (Bulbs), see Fig. 56 No. 4

★ BOW LIGHTS – Fig. 903

20 Points – 225 Degrees – Clear Lens

3 Mile Visibility

Certified with No. 1416, 12 Volt, 8 C.P. Bulb Supplied

with Light – Brass Miniature Bayonet Type Socket

Each	Length Inches	Width Inches	Depth Inches	Weight Ounces
	4-1/4	2-3/8	1-3/4	4

Spare Lenses, Specify Fig. 281 - Clear

Spare Sockets, Specify Fig. 1109

Spare Lamps (Bulbs), see Fig. 56 No. 4

® "CHROMALEX" INTERNATIONAL NAVIGATION LIGHTS

BRASS – PERKOPLATE CHROMIUM PLATED
BLACK PLASTIC BASE

WITH STAINLESS STEEL SELF TAPPING SCREWS FOR MOUNTING

Certified With No. 1416, 12 Volt, 8 C.P. Bulb Supplied With Light – Brass Miniature Bayonet Type Socket

Height Light Inches	Diameter Base Inches	Diameter Neck Inches	Length Neck Inches	Weight Each Ounces
1-5/8	2-3/8	3/4	1/2	3

SIDE LIGHTS—Fig. 963

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

For mounting on deck or top of deck house.

Per Pair

Half Pair, Red, Specify Fig. 963-R. Green, Specify Fig. 963-G.

Spare Lenses, Red, Specify Fig. 281-R.

Spare Lenses, Green, Specify Fig. 281-G.

Spare Sockets, Specify Fig. 1109.



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Fig. 963

BOW LIGHTS – Fig. 964

20 Points – 225 Degrees – Clear Lens

3 Mile Visibility.

Each

Spare Lenses, Specify Fig. 281 - Clear.

Spare Sockets, Specify Fig. 1109.

CERTIFIED



Fig. 964

SKIN PACK – Fig. 964-SP

One Light Per Card

Four Cards Per Box

Weight Per Box, 1 Pound

Sold To Trade In Full Box Only



Fig. 964-SP

STERN LIGHT – Fig. 965

12 Points – 135 Degrees – Clear Lens

2 Mile Visibility

Each

Spare Lenses, Specify Fig. 281, Clear.

Spare Sockets, Specify Fig. 1109

CERTIFIED



Fig. 965

SKIN PACK – Fig. 965-SP

One Light Per Card

Four Cards Per Box

Weight Per Box, 1 Pound

Sold To Trade In Full Box Only



Fig. 965-SP

Spare Lamps (Bulbs) For All Above, See Fig. 56 No. 4



CERTIFIED

Fig. 1264

"NAUTIC" STREAMLINE SIDE LIGHTS – Fig. 1264

Die Cast Zinc Alloy – Polished Chromium Plated
Delrin Non-Corrosive Double Contact Socket
High Intensity Fresnel Lenses
10 Points – 112 1/2 Degrees – 1 Mile Visibility
Colored Lenses 1 Red and 1 Green

Certified With No. 1004, 12 Volt, 15 C.P. Bulb Supplied
With Light

Per Pair	Length Overall Inches	Height Overall Inches	Thickness Inches	Weight Per Pair Pounds
	5-1/2	3-1/8	1-3/4	1-3/4

Half Pair, Red, Specify Fig. 1264 R. Green, Specify Fig. 1264 G

Spare Lenses, Red, Specify Fig. 1264-99R

Spare Lenses, Green Specify Fig. 1264-99G

Spare Sockets, Specify Fig. 24, No. 1

Spare Lamps (Bulbs) see Fig. 337 No. 12



CERTIFIED

Fig. 1265

"NAUTIC" STREAMLINE BOW LIGHTS – Fig. 1265

Die Cast Zinc Alloy – Polished Chromium Plated
Delrin Non-Corrosive Double Contact Socket
High Intensity Fresnel Lens.

20 Points – 225 Degrees – 3 Mile Visibility – Clear Lens

Certified With No. 1004, 12 Volt, 15 C.P. Bulb Supplied
With Light

Each	Length Overall Inches	Width Overall Inches	Height Overall Inches	Weight Pounds
	6-1/4	3-7/8	3-1/4	3/4

Spare Lenses, Specify Fig. 1265-99 A

Spare Sockets, Specify Fig. 24, No. 1

Spare Lamps (Bulbs), see Fig. 337 No. 12



Fig. 1178

BOW OR MASTHEAD LIGHT – Fig. 1178

Die Cast Zinc Alloy – Polished Chromium Plated
Fresnel Lens – Brass Miniature Bayonet Socket
20 Points – 225 Degrees – 3 Mile Visibility

Certified with No. 1416, 12 Volt, 8 C.P. Bulb Supplied
with Light.

Each	Height Inches	Diameter Base Inches	Weight Ounces
	2-3/4	1-3/4	8

Spare Lens, Specify Fig. 278

Spare Sockets, Specify Fig. 1109

Spare Lamps (Bulbs), see Fig. 56 No. 4

**®CHROMALEX BOW LIGHT – Fig. 1331**

Die Cast Zinc Alloy – Polished Chromium Plated
Black Plastic Base
High Intensity Clear Fresnel Lenses

Brass Miniature Bayonet Socket

20 Points – 225 Degrees – 3 Miles Visibility

Certified with No. 1416, 12 Volt, 8 C.P. Bulb Supplied
with Light

Each	Height Overall Inches	Width Overall Inches	Size Screw No.	Weight Ounces
	3-3/4	1-1/2	5	4

Spare Lens, Specify Fig. 278,

Spare Socket, Specify Fig. 1109

Spare Lamps (Bulbs), see Fig. 56 No. 4



Fig. 1331

CERTIFIED

©CHROMALEX STERN LIGHTS – Fig. 1332

Die Cast Zinc Alloy – Polished Chromium Plated
 Black Plastic Base
 High Intensity Clear Fresnel Lenses

Certified with No. 1416, 12 Volt 8 C.P. Bulb,
 Supplied with Light, Brass Miniature Bayonet Type Socket
12 Points – 135 Degrees – 2 Mile Visibility

Each	Height Overall Inches	Width Overall Inches	Size Screw No.	Weight Ounces
	3-3/4	1-1/2	5	4

Spare Lens, Specify Fig. 278
 Spare Socket, Specify Fig. 1109
 Spare Lamps (Bulbs) see Fig. 56 No. 4



CERTIFIED

Fig. 1332

©CHROMALEX TRANSOM STERN LIGHT – Fig. 945

Brass – Polished Chromium Plated
 Black Plastic Base
 With Stainless Steel Screw For Mounting
12 Points – 135 Degrees – Clear Lens
2 Mile Visibility

Certified with No. 1416, 12 Volt, 8 C.P. Bulb Supplied
 with Light. Brass Miniature Bayonet Type Socket

Each	Height of Light Inches	Diameter of Base Inches	Diameter of Neck Inches	Length Neck Inches	Weight Ounces
	1-5/8	2-1/4	3/4	7/8	3

Spare Lenses, Specify Fig. 74
 Spare Sockets, Specify Fig. 1109
 Spare Lamps (Bulbs) see Fig. 56 No. 4



CERTIFIED

Fig. 945

SKIN PACK – Fig. 945-SP

One Light Per Card
 Four Cards Per Box
 Weight Per Box, 1 Pound

Sold To Trade In Full Box Only



Fig. 945-SP

TRANSOM STERN LIGHTS – Figs. 939 and 946

Brass – Polished Chromium Plated
12 Points – 135 Degrees – Clear – 2 Mile Visibility

No. 1 Certified With No. 211, 12 Volt, 12 C.P. Bulb
 No. 2 Certified With No. 624, 32 Volt, 9 C.P. Bulb

Complete with Bulb and Neoprene Installation gasket

Fig. 939

No.	Voltage	Each	Dimensions		Weight Pounds
			Overall Inches	Depth Inches	
1	12		5-3/16 x 3-3/8	1-1/2	1-1/2
2	32		5-3/16 x 3-3/8	1-3/4	1-1/2

Fig. 946

No.	Voltage	Each	Diameter	Depth	Weight
			Inches	Inches	Pounds
1	12		3	1-3/4	3/8
2	32		3	1-3/4	3/8

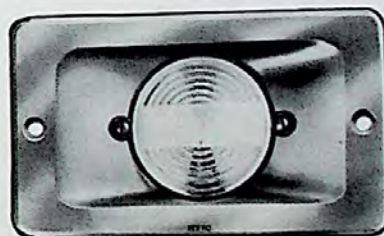


Fig. 939 – Flush Type

CERTIFIED

CERTIFIED

Fig. 946
 Semi Flush Type



SPARE PARTS

Lens with Gasket For Fig. 939, Specify Fig. 284.
 Lens with Gasket For Fig. 946, Specify Fig. 946-99-A.
 Socket Assembly For Fig. 939 No. 1, Specify Fig. 939-99-B.
 Socket Assembly For Fig. 939 No. 2, Specify Fig. 939-99B.
 Socket Assembly For Fig. 946 No. 1, Specify Fig. 946-99B.

Socket Assembly For Fig. 946 No. 2, Specify Fig. 946-99B.
 Installation Gasket For Fig. 939, Specify Fig. 939-99C.
 Installation Gasket For Fig. 946, Specify Fig. 946-99C.
 Lamps (Bulbs) for No. 1, See Fig. 70 No. 1.
 Lamps (Bulbs) For No. 2, See Fig. 337 No. 18.

CERTIFIED
ELECTRIC ONLYFig. 18 Class 2
Fig. 20 Class 3CERTIFIED
ELECTRIC ONLYFig. 17 Class 2
Fig. 19 Class 3Fig. 97 Class 2
Fig. 102 Class 3

Fig. 0-2 JUNIOR

CERTIFIED
ELECTRIC ONLY

Fig. 0-6 SENIOR

SIDE LIGHTS—Figs. 17 and 19

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

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

Half Pairs — Red, Add "R", Green, Add "G" to Fig. No. Specified.

Double Contact Electric—Specify Fig. 17-A or 19-A. Certified for No. 1004 Bulb, 12 Volt, 15 C.P. 1 Mile Visibility.

Medium Screw Electric—Specify Fig. 17-B or 19-B. Certified for 15 Watt, A-17 Bulb, 1 Mile Visibility.

BOW LIGHTS—Figs. 18 and 20

20 Points — 225 Degrees — Clear Fresnel Lens

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

Double Contact Electric — Specify Fig. 18-A or 20-A. Certified for No. 1144 Bulb, 12 Volt, 32 C.P. 3 Mile Visibility.

Medium Screw Electric — Specify Fig. 18-B or 20-B. Certified for 25 Watt, A-19 Bulb. 3 Mile Visibility.

STERN LIGHTS—Figs. 97 and 102

12 Points — 135 Degrees — Clear Fresnel Lens

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

Double Contact Electric—Specify Fig. 97-A or 102-A. Certified for No. 1004 Bulb, 12 Volt, 15 C.P. 2 Mile Visibility.

Medium Screw Electric—Specify Fig. 97-B or 102-B. Certified for 15 Watt, A-17 Bulb. 2 Mile Visibility.

ANCHOR LIGHTS — Figs. 02 and 06

32 Points — 360 Degrees — Clear Fresnel Lens — Oil or Electric — 2 Mile Visibility — Electric Only.

Bulbs Not Included

Double Contact Electric, All Colors Listed Certified for No. 1004 Bulb, 12 Volt, 15 C.P. Specify Fig. 0-2A or 0-6A

Medium Screw Electric, Clear or Amber, Certified for 15 Watt A-17 Bulb Specify Fig. 0-6B and Color

Medium Screw Electric, Red or Green, Certified for 25 Watt A-19 Bulb Specify Fig. 0-6B and Color

FOR NAVIGATIONAL PURPOSES WE DO NOT INSTALL A MEDIUM SCREW SOCKET IN Fig. 0-2

AVAILABLE AND CERTIFIED IN FOLLOWING TYPE SOCKETS AND COLORS

	CLEAR	RED	GREEN	AMBER
0-2 D.C. SPECIFY	0-2A	0-2RA	0-2GA	0-2MA
0-6 D.C. SPECIFY	0-6A	0-6RA	0-6GA	0-6MA
0-6 Med. Screw SPECIFY	0-6B	0-6RB	0-6GB	0-6MB

FOR OIL LIGHT ONLY SPECIFY 0-2 or 0-6 AND COLOR

Fig.	Galvanized Each	Polished Brass Each	Height Inches	Height Lens Inches	Weight Pounds
0-2			8-5/8	3-5/16	2
0-6			11-3/4	4-1/4	3

SPARE PARTS

Lenses For Figs. 17 and 19, See Fig. 259.
Lenses For Figs. 18 and 20, See Fig. 256.
Lenses For Figs. 97 and 102, See Fig. 269.
Lenses For Fig. 0-2, and 0-6, See Fig. 261.
Oil Founts For All Except Fig. 0-2, See Fig. 286.
Oil Founts For Fig. 0-2, See Fig. 287.
Medium Screw Sockets Only, See Fig. 346 No. 1.

Electric Adaptors For All Except Fig. 0-2, See Figs. 291, 292.
Electric Adaptors For Fig. 0-2, See Fig. 293.
Burners and Wicks For All Above, See Figs. 246, 302.
Lamps (Bulbs), See Fig. 337 Nos. 12 and 14 Also Fig. 340 Nos. 5 and 6.
D.C. Sockets Only, See Fig. 276.
Side Light Brackets, See Fig. 131.

ELECTRIC NAVIGATION LIGHTS

SHEET METAL – GALVANIZED STEEL OR BRASS

ELECTRIC SOCKET IS BAYONET DOUBLE CONTACT OR MEDIUM SCREW TYPE

BRASS SPRING TYPE ADAPTERS – BULBS NOT INCLUDED

SIDE LIGHTS—Fig. 4

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

Fresnel Lenses – 1 Mile Visibility

Class	Galvanized Per Pair	Polished Brass Per Pair	Height Inches	Height Lens Inches	Weight Per Pair Pounds
2			7-1/4	4-1/4	5
3			8-1/2	5-3/16	7

Half Pairs, Red, Add "R", Green, Add "G" to Fig. No. Specified

Double Contact Electric—Specify Fig. 4-A. Certified for No. 1004 Bulb, 12 Volt, 15 C.P.

Medium Screw Electric—Specify Fig. 4-B. Certified for 15 Watt, A-17 Bulb.

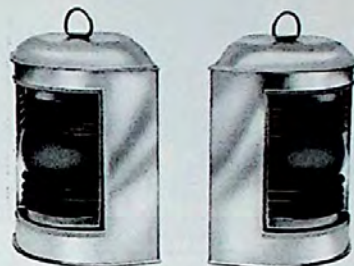


Fig. 4

CERTIFIED

BOW LIGHTS—Fig. 5

20 Points – 225 Degrees – Clear Or Amber Fresnel Lens

Clear – 3 Mile Visibility. *Amber – 2 Mile Visibility.

Class	Galvanized Each	Polished Brass Each	Height Inches	Height Lens Inches	Weight Pounds Each
2			7-1/4	4-1/4	2-1/2
3			8-1/2	5-3/16	3-1/4

Double Contact Electric – Specify Fig. 5-A. Certified for No. 1142 Bulb, 12 Volt, 21 C.P.

Medium Screw Electric—Specify Fig. 5-B. Certified for 25 Watt, A-19 Bulb.

*Amber – Class 3 Only, Double Contact Specify Fig. 5-MA. Certified For No. 1004 Bulb, 12 Volt, 15 C.P.

Medium Screw, Specify Fig. 5-MB. Certified For 15 Watt, A-17 Bulb.



Fig. 5

CERTIFIED

STERN LIGHTS – Fig. 7

12 Points – 135 Degrees – Clear Or Amber Fresnel Lens*

2 Mile Visibility

Class	Galvanized Each	Polished Brass Each	Height Inches	Height Lens Inches	Weight Pounds Each
2			7-1/4	4-1/4	2-1/2
3			8-1/2	5-3/16	3-1/4

Double Contact Electric – Specify Fig. 7-A, Certified For No. 1004 Bulb, 12 Volt, 15 C.P. Clear or Amber

Medium Screw Electric – Specify Fig. 7-B, Certified For 15 Watt A-17 Bulb, Clear or Amber

*Amber – Class 3 Only. Double Contact, Specify Fig. 7-MA. Medium Screw, Specify Fig. 7-MB



Fig. 7

CERTIFIED

SPARE PARTS

Lenses For Fig. 4, See Fig. 259.
Lenses For Fig. 5, See Fig. 256.
Lenses For Fig. 7, See Fig. 269.
Double Contact Adapters, See Fig. 291.
Medium Screw Adapters, See Fig. 292.

Lamps (Bulbs), See Fig. 337, Nos. 12 and 13.
Also Fig. 340, Nos. 5 and 6.
D.C. Sockets Only — See Fig. 276.
Medium Screw Sockets Only — See Fig. 346 No. 1.
Side Light Brackets, See Fig. 131.

"ROYAL" INTERNATIONAL NAVIGATIONAL LIGHTS

SHEET METAL – GALVANIZED STEEL OR BRASS

BAYONET DOUBLE CONTACT ELECTRICAL SOCKET – FRESNEL LENSES

Figs. 91 and 99 Certified For Use With No. 1004, 12 Volt, 15 C.P. Bulb

Fig. 98 Certified For Use With No. 1144, 12 Volt, 32 C.P. Bulb. Bulb Not Included.



Fig. 91

CERTIFIED



Fig. 98



Fig. 99

SIDE LIGHTS – Fig. 91

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

Class	Galv. Per Pair	Polished Brass Per Pair	Height Inches	Height Lens Inches	Weight Per Pair Pounds
2			5	4-1/4	2
3			6	5-3/16	3

Half Pair, Red, Specify Fig. 91-R. Green Specify Fig. 91-G.

BOW OR MASTHEAD LIGHTS—Fig. 98

20 Points – 225 Degrees – Clear Lens – 3 Mile Visibility

STERN LIGHTS—Fig. 99

12 Points – 135 Degrees – Clear Lens – 2 Mile Visibility

Class	Galv. Each	Polished Brass Each	Height Inches	Height Lens Inches	Weight Pounds
2			5	4-1/4	1-1/2
3			6	5-3/16	2

NEW "CORONET" INTERNATIONAL NAVIGATION LIGHTS

DIE CAST ZINC ALLOY – SATIN CHROMIUM PLATED

HIGH INTENSITY FRESNEL LENSES – FUSE TYPE ELECTRIC SOCKETS

CERTIFIED WITH NO. 211, 12 VOLT, 12 C.P. BULB. BULB NOT INCLUDED



Fig. 109



CERTIFIED



Fig. 110



Fig. 111

SIDE LIGHTS – Fig. 109

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

Class	Per Pair	Height Light Inches	Height Lens Inches	Weight Per Pair Pounds
2		5-1/4	4-1/4	2

Half Pair, Red, Specify Fig. 109-R. Green, Specify Fig. 109-G.

BOW OR MASTHEAD LIGHTS – Fig. 110

20 Points – 225 Degrees – Clear Lens – 3 Mile Visibility

STERN LIGHTS – Fig. 111

12 Points – 135 Degrees – Clear Lens – 2 Mile Visibility

Class	Each	Height Light Inches	Height Lens Inches	Weight Pounds
2		5-1/4	4-1/4	1

SPARE PARTS

Lenses For Figs. 91 and 109, See Fig. 259.
Lenses For Figs. 98 and 110, See Fig. 256.
Lenses For Figs. 99 and 111, See Fig. 269.
Electric Adapters For Figs. 91, 98, 99, See Fig. 138, Specify Class.

Lamps (Bulbs) For. 98, See Fig. 337 No. 14.
Lamps (Bulbs) For Figs. 91 and 99, See Fig. 337 No. 12.
Lamps (Bulbs) For Figs. 109, 110, 111, See Fig. 70 No. 1.
Mounting Bracket For Figs. 91, 98, 99, Specify Fig. 92
D.C. Sockets For Figs. 91, 98, 99, See Fig. 24 No. 1.

FLAG STAFF— Fig. 1239

Die Cast Zinc Alloy — Chromium Plated

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

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

For use with Figs. 1215, 1218, 1284

Each	Length Overall Inches	Diameter Base Inches	Weight Ounces
	14	3/4	10

Standard Package, 5 Pieces

SKIN PACK — Fig. 1239-SP

One Staff Per Card

Six Cards Per Box

Weight Per Box, 3 Pounds

Sold To Trade In Full Box Only



Fig. 1239-SP

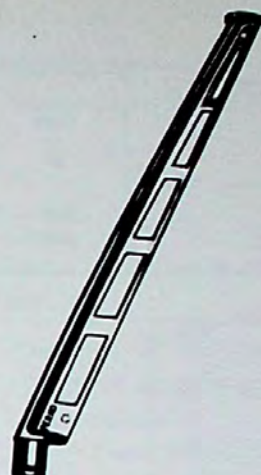


Fig. 1239

WOOD FLAG STAFF—Fig. 496

Solid Mahogany — Varnished — With Ferrule

No.	Each	Length Overall Inches	Diam. Base Inches	Weight Ounces
2		14	3/4	2-1/2
3		18	3/4	3-1/2
4		18	1	5
5		24	1	6
6		30	1-1/4	9-1/2
7		36	1-1/4	14
8		48	1-1/4	27

Fig. 496

FLAG STAFF—Fig. 495

Chromium Plated

With eyes for flag halyard. Complete with rubber "O" ring for firm fit in socket.

No.	Each	Length Inches	Diam. Base Inches	Weight Ounces
1		14	1/2	3
2		14	3/4	4
3		18	3/4	5

Standard package, 5 Pieces.



Fig. 495

CLAMP-ON FLAG STAFF SOCKET — Fig. 1302

Die Cast Zinc Alloy — Chromium Plated

Clamp will fit rails from 1/2" to 7/8" Diameter.

Socket is 3/4" I.D. and will accommodate above staffs Fig. 495

*Nos. 2 and 3, Fig. 496 Nos. 2 and 3 or Fig. 1239.

Each	Dimensions Inches	Knob Inches	Weight Ounces
	2 x 1-3/4	1-3/4	11

Spare Knobs, Specify Fig. 1292



Fig. 1302

SPARE PARTS FOR SECTION A



112½° LENSES

Class	Each	A Inches	B Inches
2		4-1/4	3-3/16
3		5-3/16	3-11/16

Red — Fig. 259-R
Green — Fig. 259-G



360° LENSES

Class	Each	A Inches	B Inches
Junior		3-5/16	3-3/16
Senior		4-1/4	4

Clear — Fig. 261
Red — Fig. 261-R
Green — Fig. 261-G
Amber — Fig. 261-M



225° LENSES

Class	Each	A Inches	B Inches
2		4-1/4	3-3/8
3		5-1/8	3-1/4

Clear — Fig. 256
Amber — Fig. 256-M



135° LENSES

Class	Each	A Inches	B Inches
2		4-1/4	3-1/2
3		5-1/8	3-5/8

Clear — Fig. 269
Amber — Fig. 269-M



Fig. 248

FRESNEL GLOBES
Clear — Plastic
Complete with Gasket

Each	Height Inches	Diameter Thread Inches
	2½	2



SKIN PACK — Fig. 248-SP
Complete with Gasket
One Globe Per Card
Ten Cards Per Box
Weight Per Box, 1½ Pounds
Sold To Trade In Full Box Only

FRESNEL GLOBES
Plastic

Each	Height Inches	Diam. Thread Inches	Inside Diam. Inches
	5	3-1/4	2-7/8

Clear — Fig. 106
Red — Fig. 106-R
Green — Fig. 106-G
Amber — Fig. 106-M



FRESNEL GLOBES

Glass

Each	Height Inches	Diam. Thread Inches	Inside Diam. Inches
	5-1/2	2-3/8	1-7/8

Clear — Fig. 77
Green — Fig. 77-G



Fig. 24

BAYONET

Double Contact Sockets
Delrin Body — Bronze Spring
Non-Corrosive Positive Contact

No.	Each	Length Pigtails Inches	Outside Diameter Inches
1		12	3/4
2		60	3/4

Standard package, 10 pieces



Fig. 52

BAYONET

Double Contact Socket
Brass Case — Bronze Spring

Each	Outside Diameter Inches	Length Inches	Length Pigtails Inches
	11/16	7/8	5

Standard package 10 pieces.



Fig. 747

BAYONET

Double Contact Socket
Brass Case — Hard Rubber Insulation

Each	Length Inches	Outside Diameter Inches
	1-1/8	11/16

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



Fig. 276

BAYONET

Double Contact Sockets

Brass Case — Tapped 1/8 Inch I.P.S.

No.	Each	Length Overall Inches
0		1-1/2
2		2
3		2-3/8
4		3



Fig. 346

MEDIUM SCREW SOCKETS

Phenolic — C.G. Approved

250 Volts — 660 Watts

No.	Each	Size Thread Inches	Height Inches	Extreme Diameter Inches
1		1/8	1-7/8	1-3/8
2		3/8	1-7/8	1-3/8

Standard package 5 pieces.

SPARE PARTS FOR SECTION A



Fig. 286

OIL FOUNT
Brass - Spring Type

Each	Diameter Overall Inches	Opening In Light Inches
	3-5/8	3-3/16

Used in All Lights on Page A-18 Except Fig. 0-2. Also Used in Fig. 44-8" and Fig. 49.



Fig. 287

OIL FOUNT
Brass - Swivel Type

Each	Diameter Overall Inches	Opening In Light Inches
	4-1/2	4

Used in Figs. 0-2 and 44, 6"



Fig. 291

ELECTRIC ADAPTERS
Double Contact
Brass - Spring Type

Each	Diameter Overall Inches	Opening In Light Inches
	3-5/8	3-3/16

Used in the Following Lights
Size Figs.
No. 1 - 06
No. 2 - 4, 5, 7-CL-2, 17, 18, 97
No. 3 - 4, CL-3, 19
No. 4 - 5, 7-CL-3, 20, 102

Be Sure To Specify Size No.



Fig. 293

ELECTRIC ADAPTER
Double Contact
Brass - Swivel Type

Each	Diameter Overall Inches	Opening In Light Inches
	4-1/2	4

Used in Figs. 02



Fig. 292

ELECTRIC ADAPTER
Medium Screw
Brass - Spring Type

Each	Diameter Overall Inches	Opening In Light Inches
	3-5/8	3-3/16

Used in All Lights on Pages A-18 and A-19. Except Fig. 02. Also Used in Fig. 44-8" and Fig. 49.



Fig. 274

ELECTRIC ADAPTER
Medium Screw
Brass - Swivel Type

Each	Diameter Overall Inches	Opening In Light Inches
	4-1/2	4

Used in Figs. 0-2 and 44, 6"



Fig. 246

OIL BURNERS
Brass

Each	Diam. Thread Inches	Width Wick Inches
	7/8	1/2

Standard Package, 10 Pieces

Used in All Lights on Page A-18, Also Fig. 44, 6" and 8", Fig. 49



Fig. 138

ELECTRIC ADAPTER
Double Contact
Brass - Swivel Type

Each	Diam. Overall Inches	Opening In Light Inches
	2-3/16	1-7/8

Used in Figs. 91, 98 and 99. Specify Class 2 or 3.



Fig. 302

FLAT OIL WICKS
Cotton

No. 0	Each	Width Inches
		1/2

Standard Package, 10 Pieces

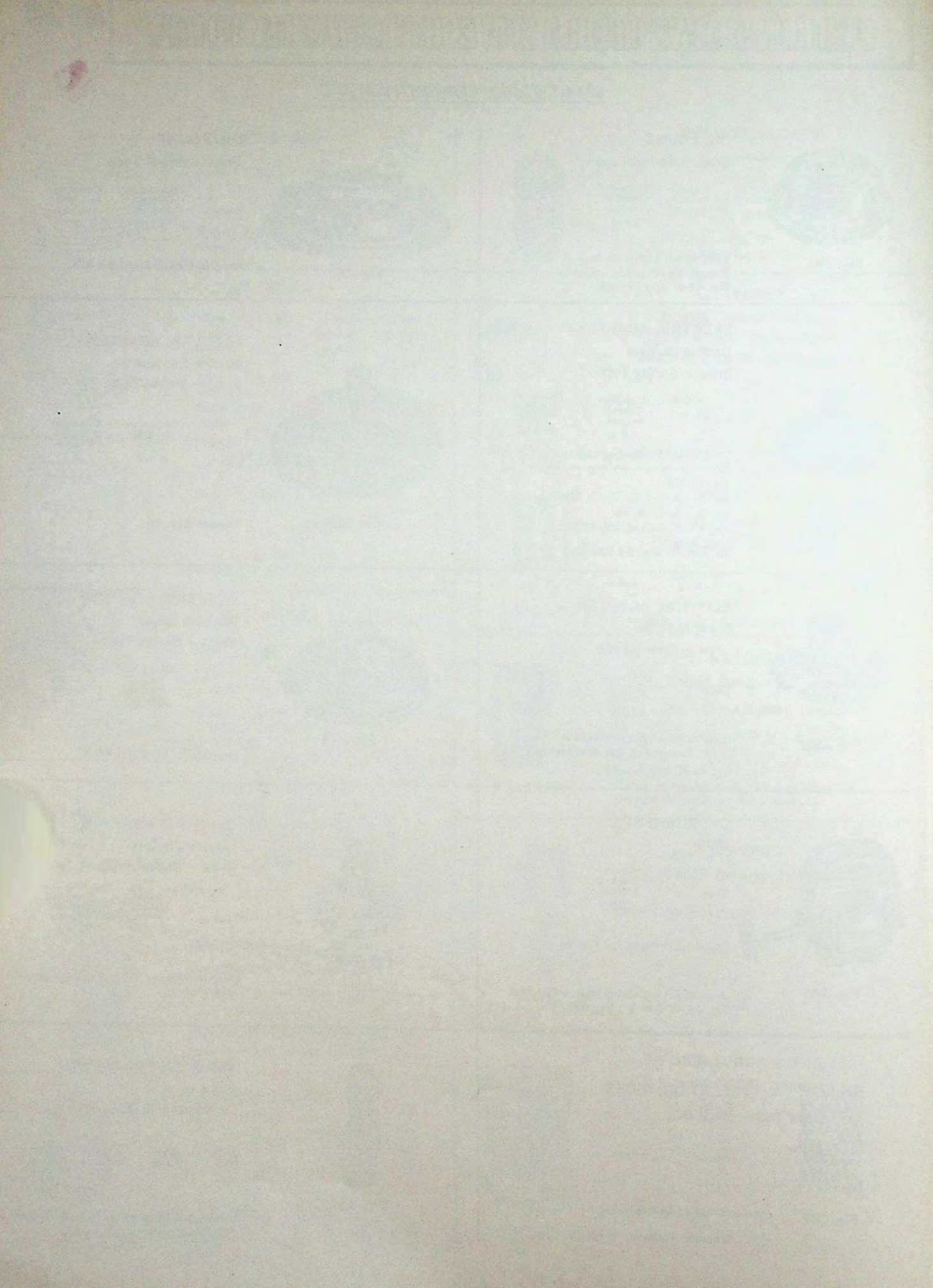


Fig. 131

MOUNTING BRACKETS
For Lights
Galvanized or Brass

Galv. Each	Brass Each	Width Inches	Height Inches
		1-1/2	4-3/4

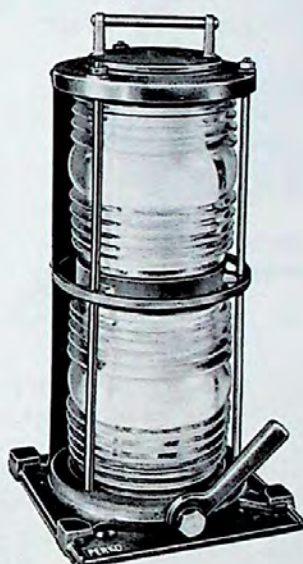
Used on All Lights on Page A-18 and A-19 Except Figs. 02 and 06.



PERKO

**navigation lights
for vessels
over 65 ft. long**

SECTION B



MANUFACTURED BY

PERKINS MARINE LAMP & HARDWARE CORP., 16490 N. W. 13TH AVE., P. O. BOX D, MIAMI, FLORIDA 33164

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For complete line see catalog No. 225

PERKINS MARINE LAMP & HARDWARE CORP.

IMPORTANT INFORMATION

Electric navigation and signal lights offered in this section have been designed to meet the requirements of International and Inland "RULES OF THE ROAD" as published by the United States Coast Guard.

The wattages shown in the following table are recommended to meet the visibility requirements.

<u>TYPE OF LIGHT</u>	<u>COLOR</u>	<u>DEGREES OF VISIBILITY</u>	<u>POINTS OF COMPASS</u>	<u>DISTANCE OF VISIBILITY IN MILES</u>	<u>*RECOMMENDED WATTAGE</u>
Port Side	Red	112-1/2	10	2	100
Starboard Side	Green	112-1/2	10	2	100
Masthead, Range and Towing	Clear	225	20	5	100
Masthead, Range and Towing	Red or Amber	225	20	2	100
Stern	Clear	135	12	2	50
Stern	Red or Amber	135	12	2	100
Anchor	Clear	360	32	3	50
Breakdown or Not-Under-Command	Red	360	32	2	100

*We do not supply lamps with the above lights. To obtain the degrees and distances of visibility, the filament of the lamp must be located at the focal center of the lens in a vertical and horizontal plane. We recommend the following: For 2-wire medium screw socket, a clear single filament A-19 lamp with 3-1/8" L.C.L. (Light Center Length). For a 3-wire mogul socket, a clear double filament P-25 lamp for marine lighting purposes. The sockets in our lights are labeled accordingly.

NOTE— Above data and results are based on the use of Fresnel Lenses.

The lights referred to above comply with paragraphs 248, 251, 252, 263, 265 and 266 of Underwriters Laboratories, Inc. UL — 595 "Standard for Marine Type Electric Lighting Fixtures."

On various pages we refer to U.S.C.G. — 293 Miscellaneous Electrical Equipment List. "The purpose for printing this list is to advise Coast Guard personnel and other interested persons, that the listed equipment has been previously accepted for marine service and that resubmittal of plans for approval is not generally necessary."

We suggest that the following should be kept available for reference. They are obtained from the local office of the U.S.C.G.

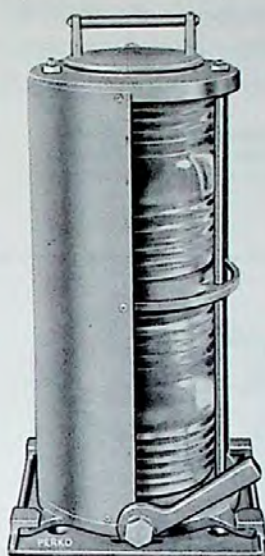
"Rules of the Road"
 C.G. 169 — International and Inland
 C.G. 172 — Great Lakes
 C.G. 184 — Western Rivers

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

Each section contains a phenolic lamp socket 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. Lamps Not Included.

	Height Overall Inches	Height Lens Inches	Weight Pounds		
Two Lens	18	6-3/4	24		
Single Lens	10	6-3/4	12		
		ARC of Visibility		FIGURE NO. With Medium Screw Socket	
Side Light, Red		112½°		1164-RB	
Side Light, Green		225°		1164-GB	
Masthead Light, Clear		225°		1165-B	
* Masthead Light, Red		225°		1165-RB	
* Masthead Light, Amber		225°		1165-MB	
** Combination Masthead Light					
1 Clear Lens, 1 Red Lens		225°		1165-RBL	
Stern Light, Clear		135°		1166-B	
* Stern Light, Red		135°		1166-RB	
* Stern Light, Amber		135°		1166-MB	
Anchor Light, Clear		360°		1167-B	
** Combination Anchor & Bkdn. Light					
1 Clear Lens, 1 Red Lens		360°		1167-RBL	
Breakdown Light, Red		360°		1168-RB	



Side Lights
112½ Degrees



Masthead Lights
225 Degrees

* ALSO A RANGE AND TOWING LIGHT
 ** OUR STANDARD IS CLEAR ON TOP, RED ON BOTTOM, IF RE-
 QUIRED OTHERWISE, PLEASE SPECIFY. THESE CAN BE SUP-
 PLIED WITH MOGUL SOCKET. USE LETTERS RCL AFTER FIG. NO.



SINGLE LENS LIGHTS

Per Above Specifications — Cast Bronze

	ARC of Visibility	FIGURE NO. With Medium Screw Socket	With Mogul Screw Socket
Side Light, Red	112½°	1172-RB	1172-RC
Side Light, Green	112½°	1172-GB	1172-GC
* Masthead Light, Clear	225°	1173-B	1173-C
* Masthead Light, Red	225°	1173-RB	1173-RC
* Masthead Light, Amber	225°	1173-MB	1173-MC
Stern Light, Clear	135°	1174-B	1174-C
* Stern Light, Red	135°	1174-RB	1174-RC
* Stern Light, Amber	135°	1174-MB	1174-MC
Anchor Light, Clear	360°	1169-B	1169-C
Breakdown Light, Red	360°	1170-RB	1170-RC
Dredging Light, Red	45°	1171-RB	1171-RC

* ALSO A RANGE, DREDGE OR TOWING LIGHT



Side Lights
112½ Degrees



Anchor Lights
360 Degrees

SPARE PARTS

Caps with Gasket, Fig. 1141
 Cap Gaskets Only, Fig. 1142
 Lens Gaskets, Fig. 1143

Lenses, See Fig. 261 No. 1
 Medium Screw Sockets, See Fig. 369
 Mogul Sockets, See Fig. 270

PERKINS MARINE LAMP & HARDWARE CORP.

ELECTRIC NAVIGATION LIGHTS FOR VESSELS OVER 65 FT. LONG
Waterproof – Cast Bronze Rebulbing Cap – Terminal Tubes
LAMP SOCKETS – MEDIUM SCREW 2 WIRE OR MOGUL 3 WIRE – LAMPS NOT INCLUDED
All Sizes In Brass Listed in U.S.C.G. – 293 – Misc. Electrical Equipment List

Size No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Nominal Height Lens Inches	Nominal Height Light Inches	Nominal Weight Pounds
1				6-3/4	11-1/2	8
2				7-1/2	13-1/2	12



Red & Green Side Lights
112½ Degrees



Masthead Lights
225 Degrees



Stern Lights
135 Degrees



Clear Anchor or Red Breakdown Lights
360 Degrees

SIDE LIGHTS 112½ DEGREES

- Red – with Medium Screw Socket, Fig. 1150 RB
- Green – with Medium Screw Socket, Fig. 1150 GB
- Red – with Mogul Socket, Fig. 1150 RC
- Green – with Mogul Socket, Fig. 1150 GC



MASTHEAD, RANGE OR TOWING LIGHTS 225 DEGREES

- Clear – with Medium Screw Socket, Fig. 1151 B
- Red – with Medium Screw Socket, Fig. 1151 RB
- Amber – with Medium Screw Socket, Fig. 1151 MB
- Clear – with Mogul Socket, Fig. 1151 C
- Red – with Mogul Socket, Fig. 1151 RC
- Amber – with Mogul Socket, Fig. 1151 MC



STERN OR TOWING LIGHTS 135 DEGREES

- Clear – with Medium Screw Socket, Fig. 1152 B
- Red – with Medium Screw Socket, Fig. 1152 RB
- Amber – with Medium Screw Socket, Fig. 1152 MB
- Clear – with Mogul Socket, Fig. 1152 C
- Red – with Mogul Socket, Fig. 1152 RC
- Amber – with Mogul Socket, Fig. 1152 MC



ANCHOR OR BREAKDOWN LIGHTS 360 DEGREES

- Clear – with Medium Screw Socket, Fig. 1153 B
- Red – with Medium Screw Socket, Fig. 1154 RB
- Clear – with Mogul Socket, Fig. 1153 C
- Red – with Mogul Socket, Fig. 1154 RC



Recommended For Size Vessel
 No. 1 – 65 to 150 Ft.
 No. 2 – Over 150 Ft.

SPARE PARTS

- 112½° Lenses, See Fig. 259, Nos. 1 or 2
- 135° Lenses, See Fig. 269, Nos. 1 or 2
- 225° Lenses, See Fig. 256, Nos. 1 or 2
- 360° Lenses, See Fig. 261, Nos. 1 or 2
- Bronze Caps with Gasket, Specify Fig. 1160

- Medium Screw Sockets, See Fig. 346, No. 2
- Mogul Sockets, See Fig. 270
- Socket Supports, See Fig. 341
- Mounting Brackets, See Fig. 143

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

LAMP SOCKETS – MEDIUM SCREW 2 WIRE OR MOGUL 3 WIRE – LAMPS NOT INCLUDED
ALL SIZES IN BRASS LISTED IN U.S.C.G. – 293 – MISC. ELECTRICAL EQUIPMENT LIST

Size No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Nominal Height Lens Inches	Nominal Height Light Inches	Nominal Weight Pounds
1				6-3/4	11	6
2				7-1/2	13	9

SIDE LIGHTS – 112½ DEGREES

Red – with Medium Screw Socket, Fig. 30 RB
Green – with Medium Screw Socket, Fig. 30 GB
Red – with Mogul Socket, Fig. 30 RC
Green – With Mogul Socket, Fig. 30 GC.



Red & Green
Side Lights
112½ Degrees

MASTHEAD, RANGE OR TOWING LIGHTS – 225 DEGREES

Clear – with Medium Screw Socket, Fig. 983 B
Red – with Medium Screw Socket, Fig. 983 RB
Amber – with Medium Screw Socket, Fig. 983 MB
Clear – with Mogul Socket, Fig. 983 C
Red – with Mogul Socket, Fig. 983 RC
Amber – with Mogul Socket, Fig. 983 MC



Masthead Lights
225 Degrees

STERN OR TOWING LIGHTS – 135 DEGREES

Clear – with Medium Screw Socket, Fig. 986 B
Red – with Medium Screw Socket, Fig. 986 RB
Amber – with Medium Screw Socket, Fig. 986 MB
Clear – with Mogul Socket, Fig. 986 C
Red – with Mogul Socket, Fig. 986 RC
Amber – with Mogul Socket, Fig. 986 MC



Stern Lights
135 Degrees

ANCHOR OR BREAKDOWN LIGHTS – 360 DEGREES

Clear – with Medium Screw Socket, Fig. 32 B
Red – with Medium Screw Socket, Fig. 84 RB
Clear – with Mogul Socket, Fig. 32 C
Red – with Mogul Socket, Fig. 84 RC



Clear Anchor
or
Red Breakdown Lights
360 Degrees

Recommended For Size Vessel
No. 1 – 65 to 150 Ft.
No. 2 – Over 150 Ft.



Electric Adapter
In Base of Light

SPARE PARTS

112½° Lenses, See Fig. 259, Nos. 1 or 2
135° Lenses, See Fig. 269, Nos. 1 or 2
225° Lenses, See Fig. 261, Nos. 1 or 2
360° Lenses, See Fig. 261, Nos. 1 or 2
Medium Screw Adapters, See Fig. 288

Mogul Adapters, See Fig. 1082
Medium Screw Sockets, See Fig. 346 No.2
Mogul Sockets, See Fig. 270
Mounting Brackets, See Fig. 143

PERKINS MARINE LAMP & HARDWARE CORP.

***EMERGENCY OIL NAVIGATION LIGHTS FOR VESSELS OVER 65 FEET LONG**
Turret Top – Bottom Opening

Size No.	Galvanized Steel Each	Plain Brass Each	Polished Brass Each	Nominal Height Lens Inches	Nominal Height Light Inches	Nominal Weight Pounds
1				6-3/4	15	7
2				7-1/2	18	10-1/2



Red & Green Side Lights
112½ Degrees



Masthead Lights
225 Degrees



Stern Lights
135 Degrees



Clear Anchor or
Red Breakdown Lights
360 Degrees



Oil Lamp in Base of Light

SIDE LIGHTS – 112½ DEGREES

Red – Fig. 21 R
Green – Fig. 21 G

MASTHEAD, RANGE OR TOWING LIGHTS – 225 DEGREES

Clear – Fig. 982
Red – Fig. 982 R
Amber – Fig. 982 M

STERN OR TOWING LIGHTS – 135 DEGREES

Clear – Fig. 985
Red – Fig. 985 R
Amber – Fig. 985 M

ANCHOR OR BREAKDOWN LIGHTS – 360 DEGREES

Clear – Fig. 23
Red – Fig. 129

*** IMPORTANT NOTICE**

ALL LIGHTS ON THIS PAGE ARE STOCKED AND SHIPPED WITH OIL LAMP. UNLESS OTHERWISE SPECIFIED.

AVAILABLE WITH ELECTRIC ADAPTERS.

Fig. 288 Medium Screw, Specify "B" After Fig. No. of Light.
Fig. 1082 Mogul Base, Specify "C" After Fig. No. of Light.

SPARE PARTS

- 112½° Lenses, See Fig. 259, Nos. 1 or 2
- 135° Lenses, See Fig. 269, Nos. 1 or 2
- 225° Lenses, See Fig. 256, Nos. 1 or 2
- 360° Lenses, See Fig. 261, Nos. 1 or 2
- Chimneys – See Fig. 267
- Burners – See Fig. 242
- Wicks – See Fig. 302 No. 2
- Oil Founts – See Fig. 282
- Mounting Brackets, See Fig. 143

PORTABLE SIGNAL LIGHT

Cast Bronze – Medium Screw Socket
 32 Point – 360 Degree Fresnel Lens
 Listed in U.S.C.G. 293 – Misc. Elec. Equipment List

Height Overall Inches	Height Lens Inches	Weight Pounds
14	6-3/4	11

Clear Fig. 412-B
 Red Fig. 412-RB

Spare Lenses - See Fig. 261 No.1
 Spare Sockets - See Fig.369
 Spare Cover Gasket - Fig. 412-99-A



FIXED SIGNAL LIGHTS

Cast Bronze
 32 Point – 360 Degrees – Fresnel Lens
 Medium Screw Socket
 This Light Often used for Blinker Signaling.

Size No.	Each	Height Lens Inches	Height Overall Inches	I.P.S. Thread Inches	Weight Pounds
2		4-1/4	9	3/4	6-1/2
3		6-3/4	11-1/2	1	9-1/2

Clear Fig. 403-B
 Red Fig. 403-RB
 Green Fig. 403-GB
 Amber Fig. 403-MB

Available with Mogul Socket, Specify Fig. 403-C and Color.

Spare Lenses, See Fig. 261, Senior or No.1
 Spare Medium Screw Sockets for No. 2, Fig. 346 No. 2
 Spare Medium Screw Sockets for No. 3, Fig. 369.
 Spare Mogul Sockets, Fig. 270.



VAPOR-PROOF FIXTURES

Listed by Underwriters Laboratories
 Combination Junction Box – Ceiling and Bulkhead Type
 7" Cast Guards – Screw Glass Globes – Clear – Keyless –
 Die Cast Aluminum – Non Corrosive – Satin Finish.

CAPACITY – 60 TO 100 WATTS

Fig.	Each	Diameter Box Inches	Length Overall Inches	Weight Pounds
1087		3-3/4	9-1/2	3
1090		3-3/4	10	3-1/4

FIG. 1090 EXTENDS FROM BULKHEAD 7 INCHES OVERALL

Spare Guards, Specify Fig. No. and 99-A
 Spare Sockets, Specify Fig. No. and 99-B
 Spare Clear Globes, Specify Fig. No. and 99-C

Above fixtures have four 1/2 inch I.P.S. tappings.



Fig. 1087



Fig. 1090

PERKINS MARINE LAMP & HARDWARE CORP.

SPARE PARTS FOR SECTION B



112½° LENSES				
No.	Each	A Inches	B Inches	
1		6-3/4	6-1/8	
2		7-1/2	9-1/4	

Red - Fig. 259-R
Green - Fig. 259-G



360° LENSES				
No.	Each	A Inches	B Inches	
1		6-3/4	5-1/8	
2		7-1/2	7-3/8	

Clear - Fig. 261
Red - Fig. 261-R
Green - Fig. 261-G
Amber - Fig. 261-M



225° LENSES				
No.	Each	A Inches	B Inches	
1		6-3/4	5-1/8	
2		7-1/2	7-1/4	

Clear - Fig. 256
Red - Fig. 256-R
Green - Fig. 256-G
Amber - Fig. 256-M



135° LENSES				
No.	Each	A Inches	B Inches	
1		6-3/4	4-1/2	
2		7-1/2	6-5/8	

Clear - Fig. 269
Red - Fig. 269-R
Amber - Fig. 269-M



Fig. 346

MEDIUM SCREW SOCKETS
Phenolic - 250 Volts - 660 Watts

No.	Each	Thread Inches	Height Inches	Weight Ounces
1		1/8	1-7/8	1-1/4
2		3/8	1-7/8	1-1/4

Standard Package - 5 Pieces



Fig. 369

MEDIUM SCREW SOCKETS
Phenolic - 600 Volts - 660 Watts

Each	Overall Height Inches	Overall Diameter Inches	Weight Ounces
	1-3/4	2-3/4	3

Standard Package - 5 Pieces



Fig. 270

MOGUL 3 WIRE SOCKETS
Phenolic - 600 Volts - 1500 Watts
With Metal Mounting Cap

Each	Thread Inches	Height Inches	Weight Ounces
	3/8	2-3/4	6-1/2

Standard Package - 5 Pieces



Fig. 341

SOCKET SUPPORTS
Brass - 3/8" I.P.S. Thread

No.	Each	Height Overall Inches	For Size Light	For Type Socket
1		1	1	Mogul
1-1/2		1-1/2	1	Medium
2		1-13/16	2	Mogul
3		2-1/4	2	Medium

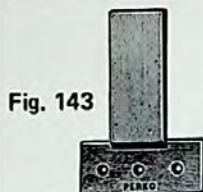


Fig. 143

MOUNTING BRACKETS
For Side Lights
Cast Aluminium

Each	Width Bracket Inches	Width Overall Inches	Weight Ounces
	2-1/2	5-1/2	8



Fig. 288

ELECTRIC ADAPTERS
2 Wire Brass Medium Screw Socket

For Light No.	Each	Opening In Light Inches	Weight Ounces
1		3-3/4	6-1/2
2		4-3/4	8



Fig. 1082

ELECTRIC ADAPTERS
3 Wire Mogul Socket

For Light No.	Each	Opening In Light Inches	Weight Ounces
1		3-3/4	11-1/2
2		4-3/4	13



Fig. 282

OIL FOUNTS
Brass

For Light No.	Each	Opening In Light Inches	Weight Ounces
1		3-3/4	8
2		4-3/4	11



Fig. 242

HINGED OIL BURNERS
Brass

Brass Each	Chrome Each	Diam. Thread Inches	Width Wick Inches
		1-1/4	7/8

Standard Package - 10 Pieces



Fig. 302

FLAT WICKS
Cotton - 7/8" Wide

No.	Each	Standard Package
2		10



Fig. 267

LIP CHIMNEYS
Glass

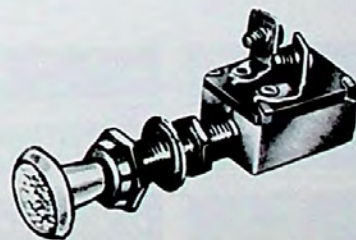
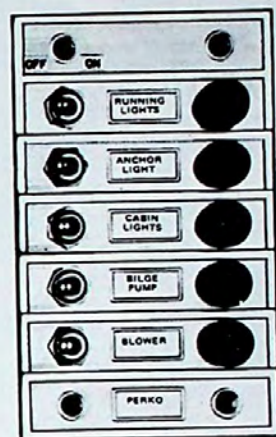
Each	Height Inches	Diam. Bottom Inches	Weight Ounces
	6	2-1/16	3

Standard Package - 10 Pieces

PERKO

SECTION C

**SWITCHES, PANELS,
CONNECTORS, ETC.**



MANUFACTURED BY

PERKINS MARINE LAMP & HARDWARE CORP., 16490 N. W. 13TH AVE., P. O. BOX D, MIAMI, FLORIDA 33164

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For complete line see catalog No. 225

PERKINS MARINE LAMP & HARDWARE CORP.



Fig. 85
for 2 or more batteries



Fig. 96
for a single battery



Fig. 85-SP
Fig. 96-SP



Fig. 517



BACK VIEW OF
IMPROVED PANEL



Fig. 519

No. 1 Anchor Light	No. 13 Fan	No. 25 Neutral	No. 37 Spreader Light
No. 2 Anchor Winch	No. 14 Flood Lights	No. 26 Off	No. 38 Stbd. Light
No. 3 Bilge Pump	No. 15 Forward	No. 27 On	No. 39 Starter
No. 4 Blower	No. 16 Fuel	No. 28 Outdrive Tilt	No. 40 Stern Light
No. 5 Bow Light	No. 17 Fuel Pump	No. 29 Panel Lights	No. 41 Throttle
No. 6 Cabin Lights	No. 18 Heater	No. 30 Pilot	No. 42 Towing Lights
No. 7 Choke	No. 19 Horn	No. 31 Port Light	No. 43 Water System
No. 8 Compass	No. 20 Ignition	No. 32 Radio	No. 44 Wiper
No. 9 Deck Lights	No. 21 Lights	No. 33 Range Light	No. 45 12 Volt
No. 10 Docking Light	No. 22 Master	No. 34 Reverse	No. 46 32 Volt
No. 11 Dome Lights	No. 23 Masthead Light	No. 35 Running Lights	No. 47 110V AC
No. 12 Engine Room	No. 24 Misc.	No. 36 Searchlight	No. 48 110V DC

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

Standard package, 5 pieces each name.
 Minimum Quantity, Stock Names, 5 Pieces.
 Special name plates in standard size, Minimum quantity 1 dozen each name.
 Special name plates in special sizes on application.

IMPROVED SAFETY MAIN SWITCHES

Red Plastic Housing — Vapor Tight — Plastic Control Lever — Copper Contacts — Brass Terminals — Stainless Steel Spring.

For Use With Alternators or Generators.

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

Supplied for flush mounting with battery cable through bulkhead.

Tested and accepted for labeling and listing by the Underwriters Laboratories, Inc.

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

Spare Control Levers, Specify Fig. 107.

SKIN PACK — FIGS. 85-SP OR 96-SP

One Switch Per Card.
 Three Cards Per Box.
 Weight Per Box 4 Pounds.

Sold To Trade In Full Box Only.

BLACK BAKELITE SWITCH PANEL—Fig. 517

Engraved White Lettering — 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. Changes can be made at factory for additional cost.

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

Each	Size Inches	Weight Ounces
	6-1/2x4-1/4	8

Spare Switches, Specify Fig. 514.

Spare Fuse Holders, Specify Fig. 516.

Spare Cap Only for Fuse Holders, Specify Fig. 522.

BLACK BAKELITE SWITCH NAME PLATES—Fig. 519

Engraved White Lettering

Stock name plates are:

MODULAR SWITCH PANELS

CHROMIUM PLATED

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

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

ASSEMBLED 5 POSITION PANEL—Fig. 512

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

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

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

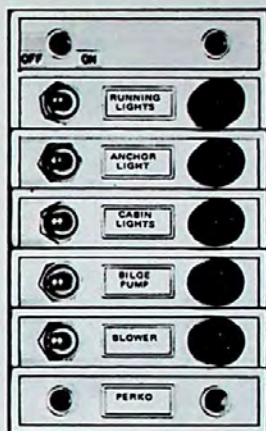


Fig. 512

MODULAR SECTIONS – Fig. 511

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

SECTION "A"

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

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

SECTION "B"

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

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

SECTION "C"

Consists of bottom mounting panel.

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

*Does not include assembly eyes. Standard Package – 5 pieces.

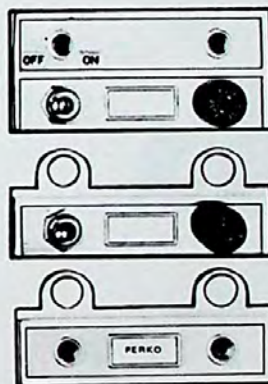


Fig. 511

NAME PLATE FRAMES – Fig. 531

Chromium Plated

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

Each	Dimensions Inches	Weight Ounces
	1-1/2x1/2	1/2

Standard package—10 pieces.



Fig. 531

ALUMINUM NAME PLATES – Fig. 490

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

NAME SELECTION AVAILABLE (NO SPECIALS)

No.	No.	No.
1 Anchor Light	6 Dome Light	11 Radio
2 Bilge Pump	7 Fuel	12 Running Lights
3 Blower	8 Horn	13 Spreader Light
4 Cabin Lights	9 Masthead Light	14 Starter
5 Compass	10 Misc.	15 Wiper

Each	Dimensions Inches
	15/16 x 3/8



Fig. 490

Standard package – 5 Pieces – Minimum quantity.
Spare Switches – Specify Fig. 514.
Spare Fuse Holders – Specify Fig. 516.
Spare Cap Only for Fuse Holders – Specify Fig. 522.



Fig. 105

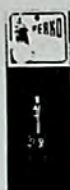


Fig. 105 SP

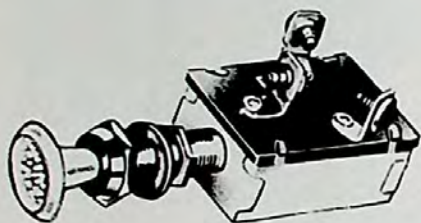


Fig. 321

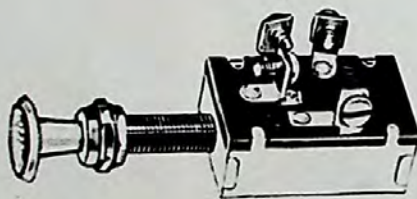


Fig. 366

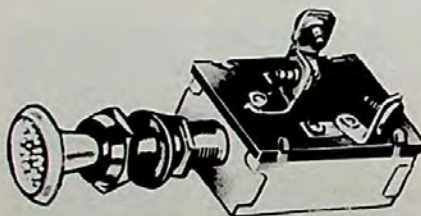


Fig. 381



Fig. 387

PUSH AND PULL SWITCHES—Fig. 105

All Brass — 2 Terminal — OFF-ON — 25 Amps. at 12 Volts

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

Standard package 10 pieces.

SKIN PACK FIG. 105-SP

No. 1

One Switch Per Card.

Twelve Cards Per Box.

Weight Per Box 3 Pounds.

Sold to trade in full box only.

PUSH-PULL SWITCH—Fig. 321

All Brass — 3 Terminal — OFF-ON-ON — 25 Amps. at 12 Volts

First "On" Position Energizes One Circuit.

Second "On" Position Energizes Other Circuit.

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

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

Standard package 10 pieces.

3-POSITION PUSH-PULL SWITCH—Fig. 366

All Brass — 2 Circuit — OFF-ON-ON — 25 Amps. at 12 Volts

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

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

Standard package 10 pieces.

3-POSITION PUSH-PULL SWITCH—Fig. 381

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

3 Position Switch — OFF-ON-ON — 25 Amps. at 12 Volts

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

Chromium Plated Each	Diam. Neck Inches	For Wood Thickness Inches	Length Overall Inches	Weight Ounces
	3/8	1	3-3/4	3

Standard package 10 pieces.

MOISTURE PROOF

BOOT AND NUT ASSEMBLY—Fig. 387

For Lock Type Switches

Key enters thru elastic slot in rubber boot.

The nut fits Figs. 304, 310 and 316 No. 2 Each

Standard Package, 5 Pieces.

NOTE—Spare Plastic, Chromium Plated knobs for above Push-Pull switches, Specify Fig. 104.

BUY STANDARD PACKAGES

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

All Brass — Push Button Type — 2 Point, 2 Terminal Spring
Action — Chromium Plated Button — 25 Amp. at 12 Volts.

Each	Diameter Neck Inches	For Wood Thickness Inches	Weight Ounces
	5/8	1	2-1/2

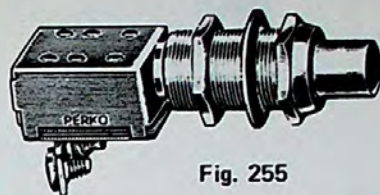


Fig. 255

Standard Package, 10 Pieces

SKIN PACK FIG. 255 SP

One Switch Per Card.
Six Cards Per Box.
Weight Per Box 3 Pounds.

Sold to trade in full box only.



Fig. 255 SP

WATERPROOF

**MOMENTARY STARTER SWITCH
OR DASHBOARD HORN BUTTON— Fig. 306**

All Brass — Push Button Type — 2 Point, 2 Terminal Spring
Action — Neoprene Cover Over Button — 25 Amps. at 12 Volts

Each	Diameter Neck Inches	For Wood Thickness Inches	Weight Ounces
	5/8	1	2-1/2



Fig. 306

Standard Package, 10 Pieces

Spare covers with Nut. Specify Fig. 306-99A.

IGNITION LOCK SWITCH—Fig. 316

Face Plate Chromium Plated — 2 Terminal — 2 Keys
20 Amps. at 12 Volts — Off-On.

No. 1 Die Cast Zinc Housing

No. 2 All Brass

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

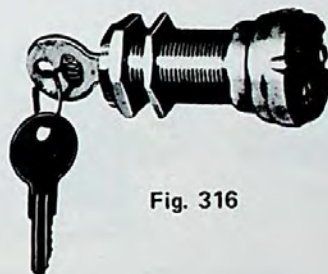


Fig. 316

Standard Package, 10 Pieces

SKIN PACK FIG. 316 SP

One Switch Per Card.
Six Cards Per Box.
Weight Per Box 2 Pounds.

Sold to trade in full box only.



Fig. 316 SP

IGNITION-STARTER SWITCH—Fig. 310

All Brass — Lock Type — 3 Terminal — 2 Keys — 3 Position
Switch, OFF-IGNITION-START — 20 Amps. at 12 Volts.

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
	13/16	1-1/16	4-1/2

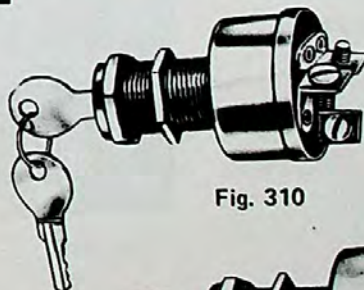


Fig. 310

Standard Package, 10 Pieces

MAGNETO IGNITION STARTER SWITCH—Fig. 304

All Brass — 5 Terminals — 2 Keys — 20 Amps. at 12 Volts
3 Positions, OFF-RUNNING-START

Face Nut Chromium Plated, Stainless Steel Springs

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

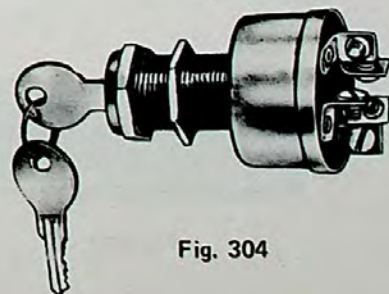


Fig. 304

Standard package, 5 Pieces.



Fig. 703

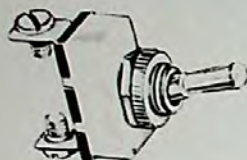


Fig. 688

Fig. 703 SP



Fig. 745



Fig. 626

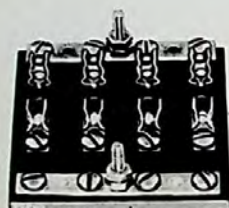


Fig. 647



Fig. 629



Fig. 694



Fig. 627

PUSH TYPE SWITCH FIG. 703

Non Magnetic - With 6 Inch Wire Leads

Each	Length Neck Inches	Diameter Neck Inches	Between Lock Nuts Inches	Weight Ounces
	3/8	3/8	1/8	1/2

Standard package 10 pieces.

SKIN PACK FIG. 703 SP

One Switch Per Card.

Six Cards Per Box.

Weight Per Box 9 Ounces

Sold in trade in full box only.

TOGGLE SWITCHES—Fig. 688 AND 745

Fig. 688 - Brass - Screw Posts - No Leads - 15 Amp.

Fig. 745 - Brass with Bakelite Insulation
With 6 Inch Wire Leads - 20 Amp.

	Nickel Plated Each	Length Neck Inches	Diam. Neck Inches	Max. Thickness of Panel Inches	Weight Ounces
Fig. 688-		3/8	7/16	3/16	1
Fig. 745-		7/16	7/16	5/16	3/4

Standard package 10 pieces.

FUSE PANELS—Fig. 626

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

	Number of Gangs	Each	Dimensions Inches	Weight Ounces
	3		2-1/4x2-7/16x3/16	2
	4		3 x2-7/16x3/16	2-1/4
	5		3-3/4x2-7/16x3/16	2-1/2
	6		4-1/2x2-7/16x3/16	2-3/4

Standard package 5 pieces.

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

Number Of Gangs	Each	Dimensions Inches	Weight Ounces	Standard Package
4		3 x3-5/16x3/16	3-1/2	5
6		4-1/2x3-5/16x3/16	5	5
8		6 x3-5/16x3/16	7	1
12		9 x3-5/16x3/16	11	1

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	Standard Package
4		3 x2-7/16x3/16	2	5
6		4-1/2x2-7/16x3/16	3	5
8		6 x2-7/16x3/16	4	1
12		9 x2-7/16x3/16	6-1/2	1

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
	2-7/16x1-1/2x3/16	1-1/4	1-1/2

Standard package 5 pieces.

TERMINAL BLOCKS—Fig. 627

Molded Plastic Base - Brass Parts

Number of Gangs	Each	Dimensions Inches	Weight Ounces
2		1-1/2x1-1/2x3/16	1-3/4
4		3 x1-1/2x3/16	2
6		4-1/2x1-1/2x3/16	2-1/4

Standard package 5 pieces.

PLASTIC CABLE STRAPS—Fig. 196

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

No.	Cable Diameter Inches	Per 100	No.	Cable Diameter Inches	Per 100
1	3/16		5	1/2	
2	1/4		6	5/8	
3	5/16		7	3/4	
4	3/8				

Standard package 100 pieces per size Minimum Quality.



BRASS CABLE STRAPS—Fig. 121

For Cable, Tubing, Control Wire, Etc.

No.	Inside Diam. Inches	Per 100	Length Inches	Width Inches	No.	Inside Diam. Inches	Per 100	Length Inches	Width Inches
1	1/8		1-7/16	1/2	6	7/16		1-5/8	1/2
2	3/16		1-3/8	1/2	7	1/2		1-1/2	1/2
3	1/4		1-5/16	1/2	8	5/8		1-3/4	1/2
4	5/16		1-3/16	1/2	9	3/4		1-7/8	1/2
5	3/8		1-5/8	1/2					

Standard package 100 pieces per size Minimum Quantity.



LINE SUPPORT CLIPS—Figs. 163, 164 & 165

Aluminum — Synthetic Rubber Cushion

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

No.	For O.D. Line Inches	FIG. 163 Per 100	FIG. 164 Per 100	FIG. 165 Per 100	Width Inches
1	3/16				3/8
2	1/4				3/8
3	5/16				1/2
4	3/8				1/2
5	1/2				1/2
6	5/8				1/2

Standard package 100 pieces per size Minimum Quantity.



BAYONET SOCKETS—Fig. 472

Phenolic — Single and Double Contact

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

Standard package 10 pieces.



ELECTRIC SOCKET ADAPTERS—Fig. 405

For Converting Various Types of Sockets

No.	Each
-----	------

- 1—From Bayonet Dble. Contact to Med. Screw
- 2—From Med. Screw to Bayonet Dble. Contact
- 3—From Mogul to Medium Screw

Illustration is type No. 2.

Standard package 5 pieces.



Fig. 196



Fig. 121



Fig. 163
Single



Fig. 164
Double



Fig. 165
Triple

BE SURE TO SPECIFY SIZE



Fig. 472



Fig. 405

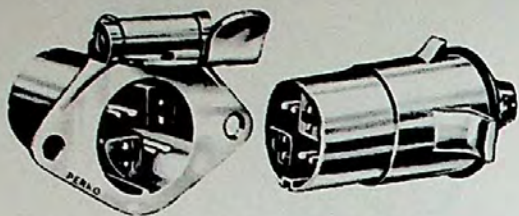


Fig. 739

4-WAY CONNECTOR FOR TRAILER LIGHTS—Fig. 739

CHROMIUM PLATED

Snap Cover on Receptacle, Locks Plug in and Keeps Moisture Out.

Fixed Polarity — Screw Terminals.

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

Available in installation kit consisting of wires, connectors, bracket, etc. See skin pack section.



Fig. 751

4-PRONG CONNECTOR—Fig. 751

Plastic Body — Soft Plastic Caps — Screw Terminals

Fixed Polarity — All Brass

Excellent for boat trailer electrical hookups.

Each	Size Inches	Weight Ounces
	1 x 2 3/4	1

Standard package 10 pieces.

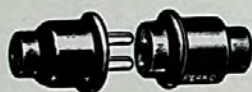


Fig. 749

DOUBLE CONTACT CONNECTOR—Fig. 749

Plastic Body — Brass Contacts — Soft Plastic Waterproof Caps

Each	Size Inches	Weight Each Ounce
	13/16 x 2-7/8	1

Standard package 10 pieces.

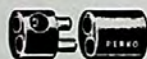


Fig. 42

DOUBLE CONTACT CONNECTOR—Fig. 42

Bakelite Insulation — Brass Contacts

Each	Size Inches	Weight Each Ounce
	1 x 9/16	1/2

Standard package 5 pieces.



Fig. 720-2

MOLDED LINE CONNECTORS—Fig. 720

Waterproof Bodies — Color Coded Wires

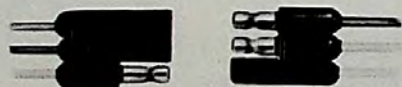


Fig. 720-3

Polarized for proper mating of circuits. Conductors precision aligned and molded in S.A.E. Type P.V.C. insulation for minimum voltage drop and ease in making and breaking connections.



Fig. 720-4—Shrouded

12 inch long wires on male and female sides.

Poles	Each	Width Inches	Weight Ounces
2		5/8	1/2
3		7/8	1
4		1-1/8	1-1/2

Standard package 5 pieces.



Fig. 720 SP

SKIN PACK, FIG. 720 SP,

2, 3 or 4 Poles.

One Connector Per Card.

Five Cards Per Box.

Weight Per Box, Average 9 Ounces.

Sold to trade in full box only.

ALL ABOVE CONNECTORS ON THIS PAGE SUPPLIED COMPLETE ONLY, NO PARTS.

WATERTIGHT DECK CONNECTIONS—Fig. 1189

Brass with Black Plastic Covers — Double Contact — Chromium Plated

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

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

Standard Package, 10 Pieces

Spare Parts, See Fig. 1190



Fig. 1189

WATERTIGHT DECK CONNECTION—Fig. 1190

Die Cast Zinc Alloy with Plastic Covers — Double Contact — Chromium Plated

Same as above Fig. 1189 in every detail except metal flange is Die Cast Zinc Alloy.

Each

Standard Package, 10 Pieces

Spare Connectors for Figs. 1189 and 1190, See Fig. 42

Spare Covers for male plugs, Specify Fig. 1145

Spare Covers for female socket, Specify Fig. 1147

Standard Package, Spares, 5 Pieces



Fig. 1190

SKIN PACK — FIG. 1190-SP

One Connection Per Card.

Five Cards Per Box.

Weight Per Box, 14 Ounces.

Sold to Trade in Full Box Only



Fig. 1190-SP

WATERTIGHT CABLE OUTLETS—Figs. 424 & 1191

All Brass or Die Cast Zinc Alloy — Chromium Plated

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

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

Standard Package, 10 Pieces

Spare Rubber Grommets, Specify Fig. 1149



Fig. 424 — All Brass
Fig. 1191 — Die Cast

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
	2-1/8	5/8	3/4

Standard Package, 10 Pieces

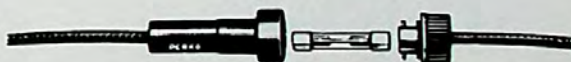


Fig. 786

SKIN PACK— FIG. 786-SP

One Connector Per Card.

Ten Cards Per Box.

Weight Per Box, 3/4 Pound.

Sold to Trade in Full Box Only



Fig. 786-SP

HORN PUSH BUTTON — Fig. 275

Brass — Chromium Plated — Bakelite Button and Interior
10 Amps. at 12 Volts

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

Standard Package, 10 Pieces



Fig. 275

BUY STANDARD PACKAGES



Fig. 134

INDICATOR LIGHT—Fig. 134
WITH DIMMER FOR NIGHT RUNNING

Polished Chromium Plated Brass Bezel
Chromium Plated Facing Washer — Red Lens
Screw Terminals

To regulate the brightness of light simply rotate the Bezel

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

Lamp Not Included — See Fig. 56 No. 5.

Standard Package, 10 Pieces



Fig. 135

INDICATOR LIGHT—Fig. 135
WITHOUT DIMMER

Polished Chromium Plated Brass Bezel
Chromium Plated Facing Washer — Clear Lens
Screw Terminals

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

Lamp Not Included — See Fig. 56 No. 5.

Standard Package, 10 Pieces

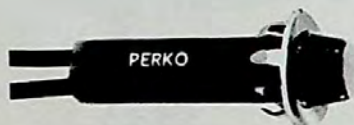


Fig. 136



Fig. 137

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

Fig. 136 for snap in mounting in thin panels.

Fig. 137 with Tinnerman nut for mounting in thick panels.

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

Standard Package, 10 Pieces



Fig. 139

INSTRUMENT PANEL LIGHT—Fig. 139

Non Corrosive — Waterproof — Chromium Plated

An excellent shielded light for instruments or charts.

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

Lamp Not Included — See Fig. 56 No. 5.

Standard Package, 10 Pieces



Fig. 184

DASHBOARD LAMP — Fig. 184

Brass — Chromium Plated — Double Contact Socket With Switch — For 6 C.P. Bulb

Bulb is not included.

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

Standard Package, 10 Pieces

ELECTRIC LIGHTING LAMPS

BAYONET D.C. BASE – FIG. 337

Item No.	Mfr. Lamp No.	Volts	C.P.	Bulb Diam. Inches	Clear Each
4	82	6	6	3/4	
11	90	12	6	3/4	
12	1004	12	15	3/4	
13	1142	12	21	1	
14	1144	12	32	1 3/8	
18	624	32	9	3/4	
19	1228	32	15	1	
20	1692	32	21	1	
21	1054	32	32	1 3/8	
23	15T7	120	15W	7/8	

Standard Package, 10 Pieces

ALL ILLUSTRATIONS
SHOW ACTUAL SIZE OF BASE



Fig. 337

MINIATURE BAYONET BASE – FIG. 56

Item No.	Mfr. Lamp No.	Volts	C.P.	Bulb Diam. Inches	Clear Each
4	1416	12	8	13/32	
5	1815	14	1.4	7/16	
6	1495	32	9	9/16	

Standard Package, 10 Pieces

No. 4 Available in Skin Pack, See Skin Pack Section.



Fig. 56

DOUBLE ENDED BASE – FIG. 70

Item No.	Mfr. Lamp No.	Volts	C.P.	Bulb Diam. Inches	Clear Each
0	212-2	12	6	9/16	
1	211-2	12	12	9/16	
2	10126	32	12	9/16	

Standard Package, 10 Pieces

No. 1 Available in Skin Pack, See Skin Pack Section.

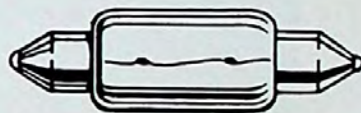


Fig. 70

MEDIUM SCREW BASE – FIG. 340

Item No.	Mfr. Lamp No.	Volts	Watts	Type	L.C.L. Inches	Clear Each	Frosted Each
5	15-A	12	15	A-17	2-3/8	* N.A.	
6	25-A	12	25	A-19	2-9/16	N.A.	
7	50-A21	12	50	A-21	3-7/16	N.A.	
11	15-A	32	15	A-17	2-3/8	N.A.	
12	25-A	32	25	A-19	2-9/16	N.A.	
13	50-A21	32	50	A-21	3-7/16	N.A.	
17	60A/CL	120	60	A-19	3-1/8	* N.A.	
19	100A/CL	120	100	A-19	3-1/8	N.A.	

Standard Package—No. 5 to 11 Inc. 6 Pieces
Nos. 12 to 19 Inc. 2 Pieces

* Not Available



Fig. 340

MOGUL SCREW BASE – FIG. 532

Item No.	Mfr. Lamp No.	Volts	Watts	L.C.L. Inches	Clear Each
1	P25/28	120	50-50	3 3/8	
2	P25/29	120	100-100	3 3/8	

Standard Package, 1 Piece

NOTES

High Power Lamps For Searchlights And Sealed Beam Units, See Section E.

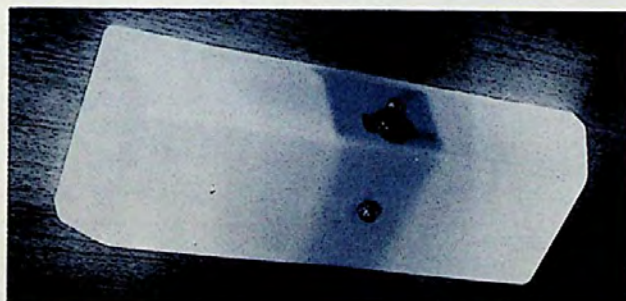
ELECTRIC LAMPS ARE NOT RETURNABLE. ORDER CAREFULLY.



Fig. 532

PERKO®

Lighting Fixtures



LIGHTING FIXTURES LOW VOLTAGE - 6 TO 32 INC.



Fig. 217



Fig. 1295



Fig. 217-SP



Fig. 450

For Hanging Bulb
Fig. 27For Upright Bulb
Fig. 28

Fig. 33



Fig. 34



Fig. 36

BULKHEAD FIXTURES - Figs. 217 & 1295

Die Cast Zinc Alloy
Chromium Plated or White Acry-Color
Medium Screw Socket - Turn Switch

Fig. 1295 Has Power Take-Off Receptacle.

Fig.	Chromium Plated Each	White Each	Size Base Inches	Projection Inches	Weight Ounces
217			2-1/2x1-3/4	2-5/8	10
1295			2-1/2x1-3/4	2-5/8	10

Lamp Not Included.

Spare Sockets, Specify Fig. 223.

Spare Power Take-Off Receptacle, Specify Fig. 225.

SKIN PACK - Fig. 217-SP

One Fixture Per Card

Six Cards Per Box

Weight Per Box, 3 1/2 Pounds

Sold To Trade In Full Box Only.

BULKHEAD FIXTURE - Fig. 450

Cast Bronze

Medium Screw Socket - Turn Switch

Polished Bronze Each	Chromium Plated Each	Size Base Inches	Projection Less Lamp Inches	Weight Ounces
		2-1/2x2-1/4	2-1/2	8

Spare Sockets, Specify Fig. 223.

MARINE SHIELDS FOR FIXTURES - Figs. 27 & 28

Translucent Plastic - Washable - Hand Laced to Brass Plated Frame - Painted or Plain

Colorful painted marine design makes these shields very decorative and appropriate for a yacht stateroom, cabin, club or marine room. Metal clip is for bulb up to 60 watts.

Painted Each	Plain Each	Width Inches	Height Inches	Weight Ounces
		4-1/2	4-5/8	1

Standard Package, 10 Pieces

SHIELD DESIGNS - Figs. 33, 34, & 36

Same quality and construction as Figs. 27 and 28 above. Attractive two color marine designs suitable for hanging and upright bulb.

Painted Each	Width Inches	Height Inches	Weight Ounces
	4-1/2	4-5/8	1

Standard Package, 10 Pieces

SKIN PACK - Figs. 33, 34 or 36-SP

One Shield Per Card

Six Cards Per Box

Weight Per Box, 2 Pounds

Sold To Trade In Full Box Only.

LIGHTING FIXTURES

FOR CABIN, STATEROOM OR BERTH – ADJUSTABLE ANGLE SHADE

LOW VOLTAGE 6 TO 32 INC.

ACRY-COLOR FINISH – PUSH TYPE SWITCH

No.	Dimensions Wall Plate Inches	Normal Projection Inches	Length Shade Inches	Weight Ounces
1	4-1/2 x 3-1/4	4-3/8	3	13
2	4-1/2 x 3-1/4	5	4-1/2	15

Size No. 1 has Bayonet Double Contact Socket.

Size No. 2 has Medium Screw Socket.



Fig. 1303 BK – Black
 Fig. 1303 BR – Royal Bronze
 Fig. 1303 GD – Gold
 Fig. 1303 WH – White

Fig. 1303 Single Fixture has opaque shade same color as wall plate.

Each
 Specify Size and Color



Fig. 1304 Double Fixture has two opaque shades and two switches. Shades same color as wall plate.

Each
 Specify Size and Color

Fig. 1304 BK – Black
 Fig. 1304 BR – Royal Bronze
 Fig. 1304 GD – Gold
 Fig. 1304 WH – White

Fig. 1350 Single Fixture has white translucent plastic shade and white wall plate.

Each
 Specify Size



Fig. 1350

Fig. 1360 Double Fixture has two white translucent plastic shades and two switches. Wall plate is white.

Each
 Specify Size



Fig. 1360

Spare Switches For Above, See Fig. 703.

Spare D.C. Sockets For No.1, Specify Fig. 1322

Spare Medium Screw Sockets For No.2, Specify Fig. 1323

BULKHEAD OR CEILING FIXTURE – Fig. 1212

Die Cast Zinc Alloy – Chromium Plated – White Plastic Globe

Two D.C. Bayonet Sockets – Turn Switch

This fixture designed for arrangement in Modular Form.

Each	Length Inches	Width Inches	Depth Inches	Weight Ounces
	5-1/2	4-1/2	1-1/2	12

Spare Sockets, See Fig. 24 No. 1

Spare Switches, Specify Fig. 1212-99A

Spare White Plastic Globe, Specify Fig. 1212-99B

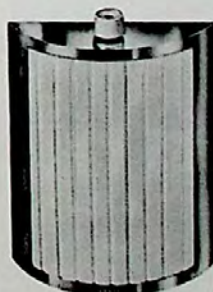


Fig. 1212



Fig. 308

FLUSH TYPE DOME LIGHTS—Fig. 308

Die Cast Zinc Alloy

Chromium Plated or White Acry-Color

Double Contact Socket — Push Switch

No.	Chromium Plated Each	White Each	Diameter Glass Inches	Diameter Overall Inches	Depth Above Flange Inches	Depth Below Flange Inches	Weight Ounces
0			3	3-3/4	5/8	3/4	5
1			4	4-1/2	3/4	1-1/4	7
2			5	5-1/2	3/4	1-1/2	9

**DOME LIGHTS — Fig. 300**

Die Cast Zinc Alloy

Chromium Plated

Double Contact Socket — Push Switch



Fig. 300

No.	Chromium Plated Each	Diameter Globe Inches	Diameter Overall Inches	Depth Overall Inches	Weight Ounces
0		3	3-3/4	1-1/2	7
1		4	5-3/8	1-7/8	9
2		5	6-1/2	2	11

Spare Globes For Figs. 300 and 308, Specify Fig. 257 and Size

Spare Switches For Figs. 300 and 308, See Fig. 703

Spare Sockets For Figs. 300 and 308, See Fig. 24 No. 1



Fig. 300-SP

**SKIN PACK — Fig. 300-SP**

Size No. 1 Only

One Light Per Card

Three Cards Per Box

Weight Per Box, 6 Ounces

Sold To Trade In Full Box Only



Fig. 555

DOME LIGHT — Fig. 555

Cast Bronze — Chromium Plated — Toggle Switch — Medium Screw Socket.

Will accommodate a 15-watt bulb. Fig. 340.

Each	Diam. Globe Inches	Diam. Base Inches	Depth Inches	Weight Pounds
	6	7-7/8	3-1/8	3-3/4

Spare Globe, Specify Fig. 257, 6 Inch

Spare Socket, Specify Fig. 346, No. 1



Fig. 761

MODERN DESIGN DOME LIGHT—Fig. 761

Bone White — Nylon Base and Globe —

With 12 Volt, 12 C.P. Fig. 70 Bulb

Each	Length Overall Inches	Width Overall Inches	Depth Overall Inches	Weight Ounces
	7	2-3/4	3/4	2

**IMPROVED DOME LIGHT — Fig. 318**

White Translucent Plastic Globe — 18-8 Stainless Steel Base — Brass Sockets — 3 Position Toggle Switch.

Now supplied for ship and shore current. Complete with 2, 12 volt and 2, 110 volt bulbs. All Double contact bayonet type, controlled by a 3 position switch for dual voltage.

Each	Length Inches	Width Inches	Depth Inches	Weight Ounces
	9-3/4	3-3/4	1-7/8	14

Spare Switches, Specify Fig. 318-99A

Spare Sockets, See Fig. 276 No. 0



Fig. 318

DOME LIGHT – Fig. 753

Low Voltage – 6 to 32 Inc.

Wrought Brass – Toggle Switch – Nickel Plated Reflector
Frosted Glass Fig. 132 – Medium Screw Socket Fig. 346

Will accommodate bulbs up to 50 watts.

No. 1 has one socket and switch.

No. 2 has two sockets and switches.

No.	Chromium Plated Each	Diameter Base Inches	Diameter Glass Inches	Depth Overall Inches	Weight Pounds
1		9-1/2	8	3	2
2		9-1/2	8	3	2-1/4

Spare Toggle Switch, Specify, Fig. 745



Fig. 753

WATERTIGHT DOME LIGHT – Fig. 1266

Cast Bronze – Double Contact Socket – Diffusing Globe

For small boats. Will accommodate up to a 21 C.P. bulb. With stainless steel reflector, toggle switch and one packing gland for cable.

Plain Bronze Each	Chromium Plated Each	Extreme Diam. Inches	Diam. Globe Inches	Extreme Depth Inches	Weight Pounds
		3-1/2	3-1/4	2-3/4	1-3/4

Spare Toggle Switch, Specify, Fig. 745

Spare Sockets, Specify Fig. 24 No. 1

Spare Globes, Specify Fig. 1266, 99A

With extra packing glands installed, price on application



Fig. 1266

ADJUSTABLE UTILITY FIXTURE – Fig. 1254

Zinc Alloy Die Casting – Chromium Plated – Bayonet D.C. Socket – Complete With 12 Volt 6 C.P. Bulb – Shield Swivels To Any Desired Position

A shielded light serving numerous requirements. For berths, instrument panels, chart table, etc.

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

Spare Socket, Specify Fig. 24 No. 1



Fig. 1254

SKIN PACK – Fig. 1254-SP

One Fixture Per Card

Four Cards Per Box

Weight Per Box, 3½ Ounces

Sold To Trade In Full Box Only



UTILITY LIGHT—Fig. 140

White Nylon – With 12 Volt Lamp

For instruments, charts or general fair illumination.

Each	Size Inches	Weight Ounces	Standard Package
	1-3/8 x 5/8	1/4	10



SKIN PACK – Fig. 140-SP

One Light Per Card

Ten Cards Per Box

Weight Per Box, 2¼ Ounces

Sold To Trade In Full Box Only



Fig. 1254-SP



Fig. 140



Fig. 140-SP

ANTIQUE DESIGN SHIPS LANTERNS

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

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

The bulkhead lantern Fig. 1045 was used for illumination in cabins, passageways, decks, etc.

These lanterns are hand made of non-corrosive material by the Country's oldest and leading manufacturer of marine navigation lights. They are authentic marine lanterns, not imitations. They are offered primarily for decorative purposes. They are not wired and are not intended to conform with any specific electrical code or standard. This also applies to the lanterns on Page D-7.



Fig. 44



Fig. 1045



Fig. 49

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			11-1/2	2
2	8			14-1/2	4
3	10			18	7-1/2

Available With Red or White Frosted Globe.

With Red Globe, Specify Fig. 44-R. Sizes No. 1 and 3 Only

With Frosted Globe, Specify Fig. 44-F.

With Medium Screw Electric Adapter, Specify Fig. 44-B and Type of Globe.

SPARE PARTS

No.	Burners	Oil Founts	Electric Adapters
1	Fig. 246	Fig. 287	Fig. 274
2	Fig. 246	Fig. 286	Fig. 292
3	Fig. 242	Fig. 282-1	Fig. 288-1

Spare Globes, Specify Fig. 264, Size and Color

10 Inch Size supplied with Fig. 267 Chimney

Size No. 2, Not Available In Red



BULKHEAD LANTERN—Fig. 1045

With Medium Screw Electric Socket — Not Wired

Polished Brass — With Mounting Bracket

Illumination thru translucent "Solar Bronze" glass enclosure on front and two sides. A beautiful lantern with a design history to the 15th century.

No.	Each	Width Inches	Height Less Handle Inches	Depth Less Bracket Inches	Weight Pounds
1		8	13	6	3-1/2
2		10	17	7 3/4	5

Spare Front Glasses, Specify Fig. 1045-99A and Size of Light

Spare Side Glasses, Specify Fig. 1045-99B and Size of Light

Spare Sockets, See Fig. 346 No. 1

Spare Mounting Bracket, See Fig. 131



NAVY OR LIFE BOAT LANTERN—Fig. 49

Oil Burning — Hinged Top — Clear Globe

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

Spare Globes, Specify Fig. 262

Electric Adapter, See Fig. 292, Section A

ELECTRIC SIGNAL LIGHT – Fig. 1032-F

All Brass – Medium Screw Electric Socket – Wired
 Canopy and Chain With White Frosted Globe –
 Supplied with 12 inches of chain, and glass bottom
 for illumination of deck.

No.	Polished Brass Each	Height Lamp Only Inches	Diam. Globe Inches	Approx. Weight Pounds
1		11	6	3
2		14	8	4-1/2
3		16-1/2	10	6-1/2

With Clear Globe, Specify Fig. 1032-CL

*With Red Globe, Specify Fig. 1032-R

Spare Globes, Specify Fig. 264, Size and Color

*Size No. 2, Not Available In Red



Fig. 1032-F

ELECTRIC ANCHOR LIGHTS – Fig. 1024

With Ceiling Canopy

All Brass – Medium Screw Electric Socket – Wired

With dome glass bottom for illumination of deck

Globe is clear Fresnel

Length of Chain, 12 inches

Sizes No. 1 and 2 Have Vertical Guards Only

Sizes No. 3 and 4 Have Vertical and Horizontal Guards

No.	Polished Brass Each	Height Lamp Only Inches	Diam. Lamp Inches	Height Lens Inches	Approx. Weight Pounds
1		8-5/8	4-1/2	3-5/16	2
2		11-3/4	5-5/8	4-1/4	2-1/2
3		14-1/2	7-1/2	6-3/4	10
4		17-3/4	9-3/4	7-1/8	14

With Red Globe, Specify Fig. 1024-R

With Green Globe, Specify Fig. 1024-G

With Amber Globe, Specify Fig. 1024-M

With Frosted Globe, Specify Fig. 1024-F

Spare Globes, See Fig. 261, Sections A and B

Spare Sockets, See Fig. 346



Fig. 1024

ELECTRIC ANCHOR LIGHTS – Fig. 1025

With Wall Bracket

Construction and Other Specifications Same as Fig. 1024

No.	Polished Brass Each	Height Lamp Only Inches	Diam. Lamp Inches	Height Lens Inches	Approx. Weight Pounds
1		8-5/8	4-1/2	3-5/16	2
2		11-3/4	5-5/8	4-1/4	2-1/2

With Red Globe, Specify Fig. 1025-R

With Green Globe, Specify Fig. 1025-G

With Amber Globe, Specify Fig. 1025-M

With Frosted Globe, Specify Fig. 1025-F

Spare Globes, See Fig. 261

Spare Sockets, See Fig. 346



Fig. 1025



Fig. 312

UNIVERSAL WALL OIL LAMP – Fig. 312

Brass

Polished Brass Each	Height of Back Inches	Diam. of Fount Inches	Weight Pounds
	9	5	1-1/2

Spare Burners, Specify Fig. 173

Spare Chimneys, Specify Fig. 94

Spare Wicks, See Fig. 302 No. 2



Fig. 168

JUNIOR CABIN OIL LAMP – Fig. 168

Double Swing – Weighted Base – All Brass

Same construction as our well known Newport Cabin Lamp Fig. 141, but reduced in size for use where space or headroom is limited.

Polished Brass Each	Chromium Plated Each	Overall Height Inches	Extension Inches	Capacity Fount Pints	Weight Ounces
		9	5	1/2	19

Spare Burners, Specify Fig. 231

Spare Chimneys, Specify Fig. 230

Spare Wicks, See Fig. 302 No. 0



Fig. 141

NEWPORT CABIN OIL LAMP – Fig. 141

Double Swing – Weighted Base – All Brass

This lamp is of very sturdy construction, and minimum practical extension from wall. Diameter of wall plate 2-1/2 inches.

No.	Polished Brass Each	Chromium Plated Each	Overall Height Inches	Extension Inches	Capacity Fount Pints	Weight Pounds
1			10-1/2	5-1/2	1	1-3/4
2			12-1/2	6	1-1/4	2

For No.1

For No.2

Specify

See

Spare Burners. 231

242

Spare Chimneys 230

267

Spare Wicks 302 No.0

302 No.2



Fig. 128

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			3-1/2	3-1/2	3-1/2
1			4	4	4
2			4	4	4

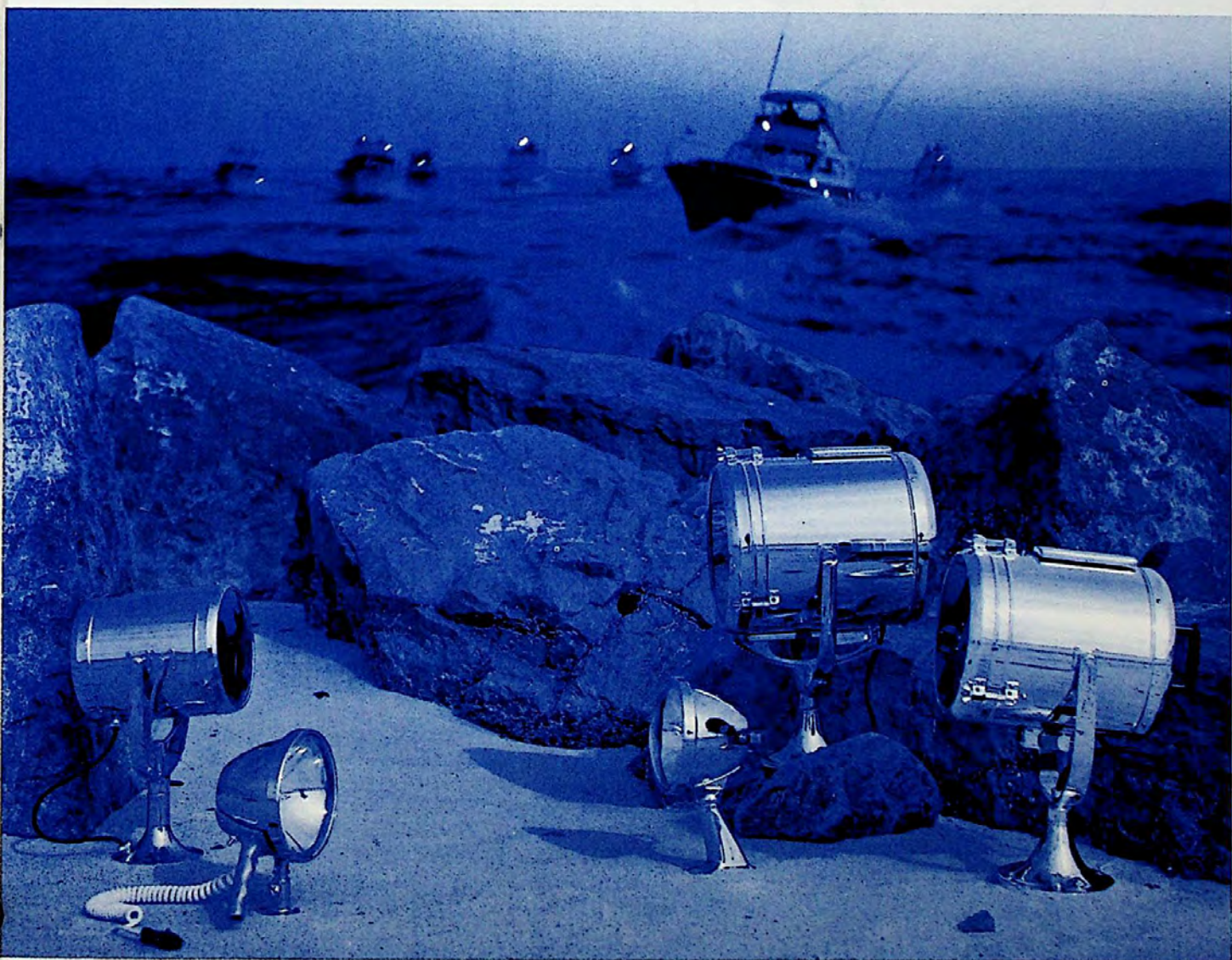
No. 0 size is for lamp Fig. 168.

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

Spare Arms, Specify Fig. 128-99A, Size and Finish.

PERKO[®]

SEARCHLIGHTS



MANUFACTURED BY PERKINS MARINE LAMP & HARDWARE CORP., 16490 N.W. 13TH AVE., P.O. BOX D, MIAMI, FLORIDA 33164

FOR COMPLETE LINE SEE CATALOG NO. 225

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PERKINS MARINE LAMP & HARDWARE CORP.

PERKO "SOLAR-RAY" SEARCHLIGHTS

ALL VENTED - HALO DEFLECTORS

High Power - Mirror Reflector - 6-12-24-32-120 Volts - Heavy Gauge Brass Body
 - Cast Bronze Base Parts - Waterproof Construction - Threaded Focusing Device.
 3 Wire Cable, Grounded. Controls Are Chromium Plated

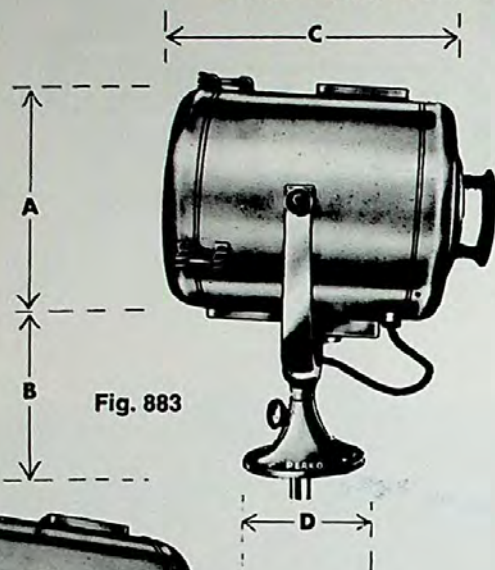


Fig. 883

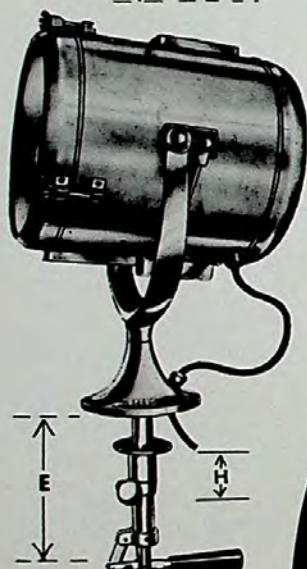


Fig. 884

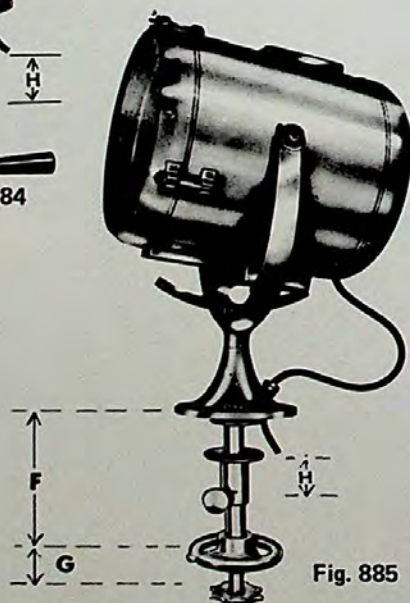


Fig. 885

Fig. 883 DECK CONTROL

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1			
2			
3			

Dimensions And Weight

No.	Diam. Reflector Inches	"A" Inches	"B" Inches	"C" Inches	"D" Inches	Weight Pounds
1	10	10-1/8	9	13	7	25
2	12	12-1/8	10	15	7	30
3	14	14-1/8	11	17	7	45

BULBS AND SOCKETS, SEE NOTE BELOW.

Fig. 884 LEVER CONTROL

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1			
2			
3			

Dimensions and Weight

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

Maximum Thickness of Deck, 4 Inches.

Other Dimensions see Fig. 883

BULBS AND SOCKETS, SEE NOTE BELOW.

Fig. 885 WHEEL CONTROL

No.	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1			
2			
3			

Dimensions and Weight

No.	Diam. Reflector Inches	"F" Inches	"G" Inches	"H" Inches	Weight Pounds
1	10	7-1/2	1-1/2	2-1/8	30
2	12	7-1/2	1-1/2	2-1/8	35
3	14	7-1/2	1-1/2	2-1/8	50

Maximum Thickness of Deck, 4 Inches.

Other Dimensions see Fig. 883

NOTE - WHEN ORDERING SEARCHLIGHT, GIVE FIG. NO. OF BULB AND TYPE OF SOCKET AS LISTED ON PAGE E-7.

BULBS NOT INCLUDED IN ABOVE, SEE PAGES E-7 FOR RECOMMENDATIONS AND OTHER INFORMATION.

10 INCH SIZE HAS SINGLE VENTILATION

12 AND 14 INCH SIZES HAVE DUAL VENTILATION

NOTE - THE ABOVE WILL BE SHIPPED NOT COMPLETELY ASSEMBLED. THE HEAD WITH YOKE ASSEMBLED IN ONE BOX, THE MOUNTING BASE AND CONTROLS IN ANOTHER BOX, VARIOUS LENGTHS OF CONTROLS ARE INTERCHANGEABLE.

SOLAR-RAY SEARCHLIGHTS WITH LONGER CONTROLS

Fig. 884-L LEVER CONTROL

No.	Diam. Reflector Inches	"E" Inches	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1-A	10	15-1/2			
2-A	12	15-1/2			
3-A	14	15-1/2			
1-B	10	22-1/2			
2-B	12	22-1/2			
3-B	14	22-1/2			
1-C	10	29-1/2			
2-C	12	29-1/2			
3-C	14	29-1/2			

**OTHER DIMENSIONS AND APPROXIMATE WEIGHT
SEE FIGS. 883 AND 884**



Fig. 884-L

Fig. 885-L WHEEL CONTROL

No.	Diam. Reflector Inches	"F" Inches	Painted Gray Each	Polished Brass Each	Chromium Plated Each
1-A	10	14-1/2			
2-A	12	14-1/2			
3-A	14	14-1/2			
1-B	10	21-1/2			
2-B	12	21-1/2			
3-B	14	21-1/2			
1-C	10	28-1/2			
2-C	12	28-1/2			
3-C	14	28-1/2			

**BULBS NOT INCLUDED, SEE PAGE E-7 FOR RECOMMENDATIONS
OTHER DIMENSIONS AND APPROXIMATE WEIGHT,
SEE FIGS. 883 AND 885
WHEN ORDERING ABOVE USE FIG. NO. FOLLOWED
BY LETTERS "L" AND SIZE NO.
FOR SPECIAL LENGTHS OTHER THAN ABOVE,
PRICE ON APPLICATION.**



Fig. 885-L

SPARE PARTS

REFLECTORS, SPECIFY FIG. 890 AND SIZE
FRONT DOOR WITH GLASS, SPECIFY FIG. 891, SIZE AND FINISH
FOCUSING DEVICE WITH HOUSING, SPECIFY FIG. 892 AND FINISH
REAR COVER OF HOUSING, FOR FIGS. 884 OR 885,
SPECIFY FIG. 902, SIZE AND FINISH
REAR COVER OF HOUSING FOR FIG. 883, SPECIFY FIG. 908,
SIZE AND FINISH

SPARE ELECTRIC SOCKETS -
S.C. BAYONET - SEE FIG. 472 NO. 21
MED. SCREW - SPECIFY FIG. 894
MED. PREFOCUS - SPECIFY FIG. 895
MOGUL SCREW - SPECIFY FIG. 897
2 PIN PREFOCUS - SPECIFY FIG. 899

NOTE - THE ABOVE WILL BE SHIPPED NOT COMPLETELY ASSEMBLED. THE HEAD WITH YOKE ASSEMBLED IN ONE BOX, THE MOUNTING BASE AND CONTROLS IN ANOTHER BOX. VARIOUS LENGTHS OF CONTROLS ARE INTERCHANGEABLE.

PERKINS MARINE LAMP & HARDWARE CORP.

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, 24 or 32 Volts

12 Volts — 250,000 Beam Candlepower — Range About 5/8 Mile

24 Volts — 450,000 Beam Candlepower — Range About 1 Mile

32 Volts — 260,000 Beam Candlepower — Range About 3/4 Mile

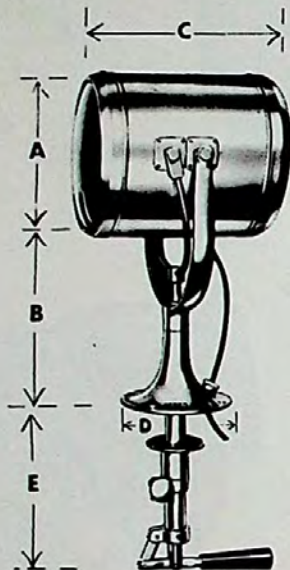


Fig. 305

LEVER CONTROL

Fig.	"E" Inches	Painted Gray Each	Polished Brass Each	Chromium Plated Each
305	8-1/2			
305-A	15-1/2			
305-B	22-1/2			
305-C	29-1/2			

Specify Voltage

"A" Inches	"B" Inches	"C" Inches	"D" Inches	Weight Pounds
8	8-1/2	10	7	14

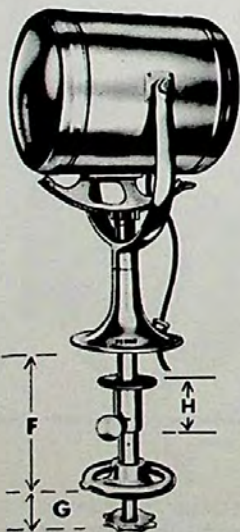


Fig. 313

WHEEL CONTROL

Fig.	"F" Inches	Painted Gray Each	Polished Brass Each	Chromium Plated Each
313	7-1/2			
313-A	14-1/2			
313-B	21-1/2			
313-C	28-1/2			

Specify Voltage

"G" Inches	"H" Inches	Weight Pounds
2	2-1/8	14

SPARE PARTS

SEALED BEAM UNITS—SEE FIG. 433 NO. 3
 FRONT BEZEL WITH GLASS, SPECIFY FIG. 354 AND FINISH
 REAR COVER, SPECIFY FIG. 355 AND FINISH

NOTE — THE ABOVE WILL BE SHIPPED NOT COMPLETELY ASSEMBLED. THE HEAD WITH YOKE ASSEMBLED IN ONE BOX, THE MOUNTING BASE AND CONTROLS IN ANOTHER BOX. VARIOUS LENGTHS OF CONTROLS ARE INTERCHANGEABLE.

PERKO SEALED BEAM SEARCHLIGHTS

Brass Head — Cast Bronze Base — Chromium Plated —
High Power — Long Distance Sealed Beam Spotlight Units

12, 24 or 32 Volts

Size No. 2 — 12 Volts — 200,000 Beam Candlepower — Range About 1/2 Mile.

Size No. 2 — 24 Volts — 300,000 Beam Candlepower — Range About 5/8 Mile.

Size No. 3 — 12 Volts — 250,000 Beam Candlepower — Range About 5/8 Mile.

Size No. 3 — 24 Volts — 450,000 Beam Candlepower — Range About 1 Mile

Size No. 3 — 32 Volts — 260,000 Beam Candlepower — Range About 3/4 Mile.

Horizontal Rotation 350 Degrees

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	24 Volt Each	32 Volt Each	Nominal Diameter Inches	Dimensions Base Inches	*Height Above Deck Inches
2				6	4-7/8 x 3-1/8 x 2	12
**3				7	4-7/8 x 3-1/8 x 2	12-1/2

**See note on fig. 534

Weight about 5 pounds.

For thickness of top or deck maximum 4-1/2 inches

*Height is overall, from deck to top of head.

Length of control below base, 7-1/4 inches.

Length of head overall, 6 inches.



Fig. 535

FLEXIBLE REMOTE CONTROL — Fig. 536

For Operation From Dash

Smooth operation in vertical and horizontal planes by single control handle on dash. Has attractive knob tightening device on dash for maintaining set position of head

No.	Length Control Inches	12 Volt Each	24 Volt Each	32 Volt Each
2-A	36			
2-B	48			
2-C	60			
3-A	36			
3-B	48			
3-C	60			

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

**See note on fig. 534

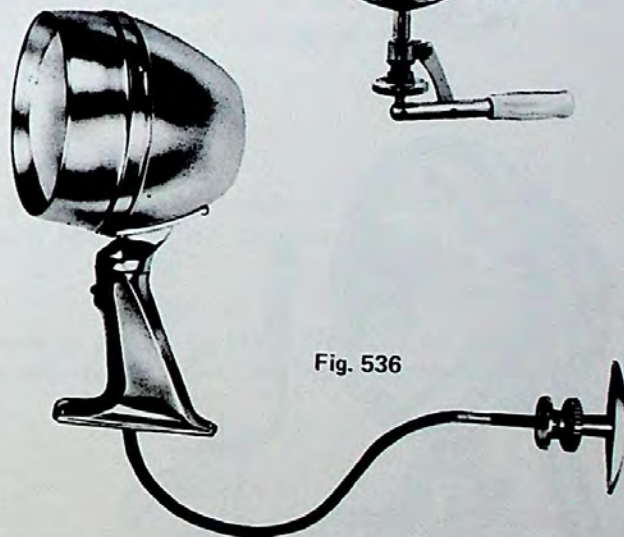


Fig. 536

SPECIFY SIZE NO. WHEN ORDERING

*Height is overall, deck to top of head.

Above cable lengths are standard stock.

Special lengths longer than above.

add \$ per foot or fraction thereof.

Maximum length for smooth operation is 12 feet.

PERKO SEALED BEAM SEARCHLIGHTS

All Brass — Chromium Plated — Clear Lens



Fig. 538

DECK CONTROL — Fig. 538

With Switch in Head

12 Volts — 50,000 Beam C.P. — Range About 1/4 Mile

Each	Diam. Lens Inches	Diam. Base Inches	Height Overall Inches	Weight Pounds
	4-1/2	3-1/2	7-1/2	1-1/2



DECK CONTROL — Fig. 534

With Switch — 12, 24 or 32 Volts

Size No. 2 — 12 Volts — 200,000 Beam Candlepower — Range About 1/2 Mile.
 Size No. 2 — 24 Volts — 300,000 Beam Candlepower — Range About 5/8 Mile.
 Size No. 3 — 12 Volts — 250,000 Beam Candlepower — Range About 5/8 Mile.
 Size No. 3 — 24 Volts — 450,000 Beam Candlepower — Range About 1 Mile.
 Size No. 3 — 32 Volts — 260,000 Beam Candlepower — Range About 3/4 Mile.

Horizontal Rotation 350 Degrees

No.	12 Volt Each	24 Volt Each	32 Volt Each	Nominal Diameter Inches	Dimensions Base Inches	* Height Above Deck Inches
2				6	4-7/8 x 3-1/8 x 2	12
**3				7	4-7/8 x 3-1/8 x 2	12-1/2

Weight about 5 pounds.

*Height is overall, from deck to top of head.

Length of head excluding handle 6 inches.

Spare Sealed Beam Units, See Fig. 433.

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.



HAND SPOTLIGHT — Fig. 440

Push Button Switch — 8 Feet of Coiled Cord

Cigar Lighter Plug and D.C. Plug With Socket

Removable from Deck Socket for Portable Operation

SPOTLIGHT ONLY—

No. 1—12 Volts—50,000 Beam C.P.—Range About 1/4 Mile.

No. 3—12 Volts—250,000 Beam C.P.—Range About 5/8 Mile.

No. 3—32 Volts—260,000 Beam C.P.—Range About 3/4 Mile.

No.	12 Volt Each	32 Volt Each	Diam. Lens Inches	Weight Pounds
1			4-1/2	2-1/4
3			7	3-1/2

NEW

COMBINATION SPOT AND FLOODLIGHT — Fig. 457

Equipped as Above, 12 Volts, Switch is Three Position

1st Spot, 2nd Flood, 3rd Off

Sealed Beam Unit Has Dual 100 Watt Filaments

No.	Each	Diam. Lens Inches	Weight Pounds
1		4 1/2	2 1/4
3		7	3 1/2



Fig. 534

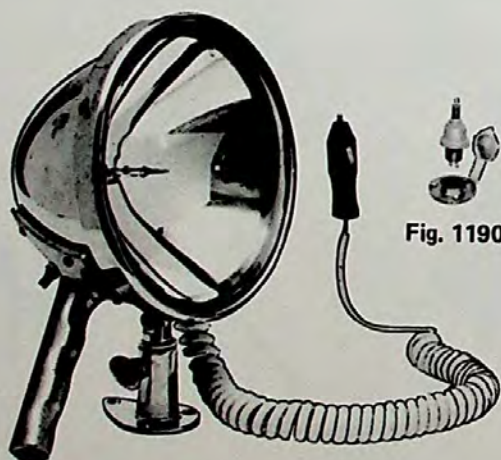


Fig. 1190

Fig. 440 SPOTLIGHT

Fig. 457 COMB. SPOT AND FLOODLIGHT

SPARE PARTS

Sealed Beam Units for Fig. 440, See Fig. 433

Sealed Beam Units for Fig. 457, Specify Fig. 457-99 A. and Size

3 Position Switches, Specify Fig. 457-99 B

Cigar Lighter Plug, Specify Fig. 456

Deck Sockets for Light, Specify Fig. 494

D.C. Connections, See Fig. 1190

PERKO SEARCHLIGHTS IMPORTANT INFORMATION

INCANDESCENT LAMP RECOMMENDATIONS						
FIG.	VOLTS	WATTS	TYPE BASE	**RATED LIFE	SEARCHLIGHT SIZE NOS.	PRICE
800	6	108	MEDIUM SCREW	50 HOURS	1-2	
801	12	100 C.P.	S.C. BAYONET	100 "	1-2	
802	32	300	MEDIUM SCREW	50 "	1-2	
806	32	900	MOGUL	100 "	2-3	
807	120	500	MEDIUM PREFOCUS	25 "	1-2-3	
809	120	750	MEDIUM PREFOCUS	25 "	2-3	
810	120	1000	MEDIUM PREFOCUS	25 "	2-3	
811	120	1000	MOGUL	25 "	2-3	

"QUARTZ" TUNGSTEN-HALOGEN LAMP RECOMMENDATIONS						
For more concentrated beam, longer distance, brighter light, longer life etc. we suggest these lamps in the following sizes.						
FIG.	VOLTS	WATTS	BASE	**RATED LIFE	SEARCHLIGHT SIZE NOS.	PRICE
816	12	100	2 PIN-PREFOCUS	50	1-2-3	
817	32	200	2 PIN-PREFOCUS	50	1-2-3	
820	120	600	2 PIN-PREFOCUS	75	1-2-3	
836	24	150	2 PIN-PREFOCUS	50	1-2-3	

Electric Lamps (Bulbs) are not returnable unless the fault is ours.

**These are the "Rated Average Laboratory Life-Hours" of the Bulb Manufacturer.

No guarantee that the life is limited to the time indicated.

BULB INFORMATION NECESSARY—

To give good results the bulb and reflector must be perfectly compatible, therefore be sure to mention the Fig. No. of the Bulb desired. Peak candlepower is exceedingly sensitive to many factors, some of which are listed below, reduction may range up to 20%. Light source out of focus by 1/32 inch.

Difference between Lamp Manufacturers

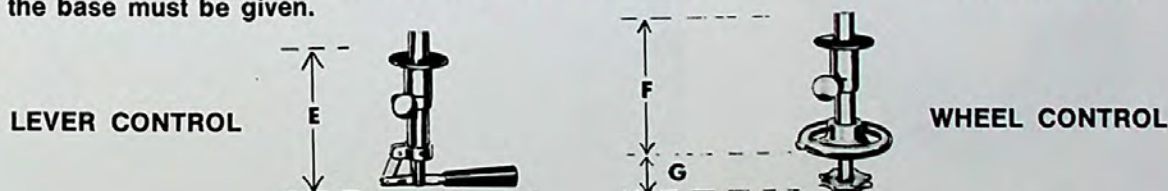
Under-voltage of only 4%.

SPECIAL CONSTRUCTION OF PEDESTAL —

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

SPECIAL CONSTRUCTION OF CONTROLS —

We will supply special vertical length of controls to order. For Lever Controls per Figs. 305 and 884 the "E" dimension, on Figs. 313 and 885 the "F" and "G" dimensions below the base must be given.



SPARE SEALED BEAM SPOTLIGHT UNITS — Fig. 433

No.	12 Volt Each	*24 Volt Each	32 Volt Each	Diam. Lens Inches
1		**N.A.	N.A.	4-1/2
2			N.A.	6
3				7



Fig. 433

*Rated voltage is listed at 28 volts.

**Not available.

PERKO

BLOWERS

VENTILATORS

VENTS

SECTION F



MANUFACTURED BY

PERKINS MARINE LAMP & HARDWARE CORP., 16490 N. W. 13TH AVE., P. O. BOX D, MIAMI, FLORIDA 33164

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For complete line see catalog No. 225

PERKINS MARINE LAMP & HARDWARE CORP.



Fig. 778

IMPROVED MARINE EXHAUST BLOWERS—Fig. 778

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

TESTED AND ACCEPTED FOR LABELING AND LISTING BY THE UNDERWRITERS LABORATORIES, INC.

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.

Size No. 1 - Die Cast Housing, Satin Chromium Finish. Hose clamps are no longer necessary as the 3" duct is threaded into the inlet with a couple of turns. Saves time of installation and cost of clamps.

Size No. 2 - Cast Aluminum Housing, Natural Finish.

No.	Size Intake Inches	Size Outlet Inches	Dimensions Overall Inches	Rated C.F.M.	Size Flange Inches
1	3	3	6-1/2 x 6 x 5	109	4 x 3 1/2
2	4	3-3/4	8 x 8 x 7	250	4 3/4 x 4 3/8

No.	Each	Weight Pounds
1		3
2		6

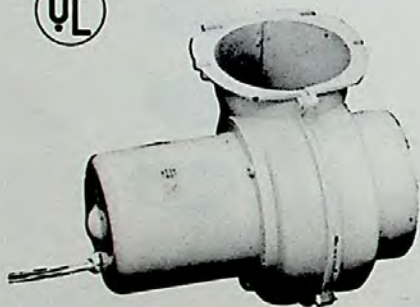


Fig. 791

IMPROVED EXHAUST BLOWERS FOR BILGE INSTALLATION—Fig. 791

12 Volts

This is our improved Fig. 778 Blower with the motor enclosed in an additional housing. The stainless steel shaft passes through a neoprene seal and the electric cable through a waterproof rubber gland.

No.	Size Intake Inches	Size Outlet Inches	Dimensions Overall Inches	Rated C.F.M.	Flange Inches
1	3	3	7-1/2 x 6 x 5	109	4 x 3-1/2
2	4	3-3/4	8-1/2 x 8 x 7	250	4-3/4 x 4-3/8

No.	Each	Weight Pounds
1		3 1/2
2		6 1/2



Fig. 193

BLOWER AND IGNITION SWITCH—Fig. 193

RED PLASTIC HOUSING - VAPOR PROOF - MULTIPLE POLE - COPPER CONTACTS - STAINLESS STEEL SPRING.

TESTED AND ACCEPTED FOR LABELING AND LISTING BY THE UNDERWRITERS LABORATORIES, INC.

With these improved switches the engine cannot be started before the blower has been turned on, then before the engine can be stopped the blower must again be started thus clearing out any remaining fumes before and after engine operations.

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

SPARE PARTS

Motors for Fig. 778 and 791, Specify Fig. 822 and Size.
 Impellers for Figs. 778 and 791, Specify Fig. 824 and Size.
 Control Levers for Fig. 193, Specify Fig. 107.

EXHAUST DUCT – Fig. 789

Vinyl – with high tensile spring wire coil non-flammable – resists many corrosive chemicals – long life under exposure to sunlight – color is blue.

Supplied only in 25 foot lengths,
2 lengths per carton. Shipped only in full cartons.

No.	Inside Diameter Inches	Per Length	Weight Per Carton Pounds
2	3		12
3	3-1/2		12
4	4		13



MOUNTING ADAPTERS FOR EXHAUST DUCT – Fig. 787

Die Cast Zinc Alloy

For Blower size No. 1 only.

For outlet end of duct or to support free end of duct in various installations. Can be fastened thru base under deck or thru side if preferred.

Each	Dimensions Inches	Weight Ounces
	3-3/4 x 3-1/2 x 1-5/8	14



COWL VENTILATORS – Fig. 510

Fixed or Swivel Cowl

Round Mouth – With Threaded Deck Plate – Sheet Steel or Sheet Brass – Cast Bronze Deck Plate

Steel ventilators are finished in White Acry-Color.

Has internal thumb screw to permit turning cowl to desired direction quickly and lock in position.

Deck Plate Size Inches	White Each	Polished Brass Each	Chromium Plated Each	Diam. Mouth Inches	Height Overall Inches	Weight Pounds
4				8	11	4
5				10	13	6
6				12	16	9
8				16	21	15-1/2

Spare Deck Plates, See Fig. 526



DECK VENTILATOR – Fig. 931

Cast Bronze – Chromium Plated

A very handsome and practical fitting.

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



Fig. 789

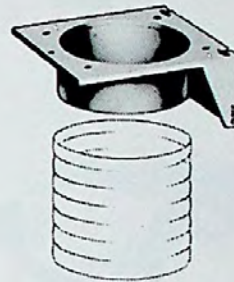


Fig. 787



Fig. 510

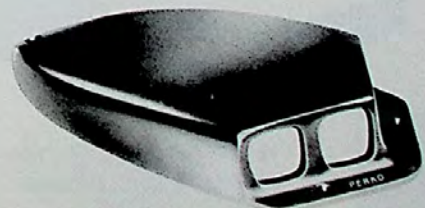


Fig. 931



Fig. 864



Fig. 867



Fig. 869

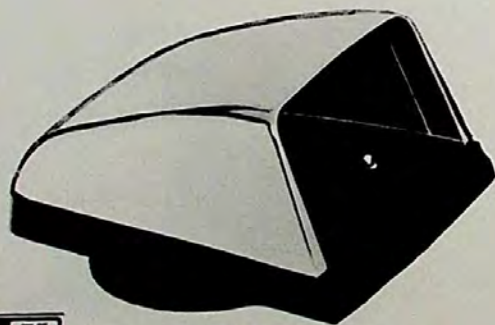
Fig. 654 Bronze
Fig. 870 Die CastFig. 1312 Polished Chrome
Fig. 7-1312 Satin Chrome

Fig. 1312-SP

FLANGED VENTILATOR – Fig. 864

Die Cast Zinc Alloy – Chromium Plated

Each	I. D. Duct Inches	Mouth Square Inches	Length Overall Inches	Width Overall Inches	Weight Ounces
	3	7	5¼	4	18

**STUDED VENTILATOR – Fig. 867**

Die Cast Zinc Alloy – Chromium Plated

3 Studs are 1½ x 12-24 – With Nuts and Washers

No.	Each	Mouth Square Inches	Length Overall Inches	Width Overall Inches	Weight Ounces
1		5	5¼	4	10
2		7	5¼	4	15
3		10	6¼	4¾	17

**STUDED VENTILATOR WITH COLLAR – Fig. 869**

Die Cast Zinc Alloy – Chromium Plated

3 Studs are 1½ x 12-24 – With Nuts and Washers

Each	I. D. Duct Inches	Mouth Square Inches	Length Overall Inches	Width Overall Inches	Weight Ounces
	2½	5	5¼	4	20

**FLANGED VENTILATOR WITH COLLAR – Figs. 654 & 870**

Fig. 654, Cowl is Cast Bronze, Flange and Collar are Die Cast Zinc Alloy. Fig. 870 is all Die Cast Zinc Alloy.

CHROMIUM PLATED

Size No. 2 Duct Threads into Collar. No clamps necessary.

No.	Fig. 654 Each	Fig. 870 Each	I. D. Duct Inches	Mouth Square Inches	Nominal Weight Ounces
2			3	7	25
3			3½	10	27

Length and Width same as Fig. 867.

**“CHROMALEX” COWL VENTILATORS –**

Black Plastic Base – For 3 Inch Duct

Choice of Two Chromium Plated Finishes, Polished or Satin

Plastic is tough and has high impact strength. Cowl is die cast zinc alloy.

Designed for fast mounting.

No Screw Heads will show. Has integral Air Scoop.

No Hose Clamps Necessary – Duct threads into collar.

Each	Mouth Opening Square Inches	Length Overall Inches	Width Overall Inches	Height Overall Inches	O. E. M. Package	Weight Ounces
	7	5-3/4	4-3/8	2-5/8	50	11

**SKIN PACK – Fig. 1312-SP**

One Ventilator Per Card.

Four Cards Per Box.

Weight Per Box, 3 Pounds.

Sold To Trade In Full Box Only.

MIDGET CLAM SHELL VENTILATOR – Fig. 315

18-8 Stainless Steel – Polished – Heavy Gauge

Here's a streamlined, midget ventilator with many uses including shielding gas tank vents. Drilled for No. 6 screw.

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

Standard Package, 10 Pieces



Fig. 315

SKIN PACK – Fig. 315-SP

No. 2 Size

One Ventilator Per Card,
Twelve Cards Per Box,
Weight Per Box, 1½ Pounds.

Sold To Trade In Full Box Only



Fig. 315-SP

CLAM SHELL VENTILATOR – Fig. 339

Brass – Chromium Plated

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

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

Standard Package, 5 Pieces



Fig. 339

SKIN PACK – Fig. 339-SP

One Ventilator Per Card,
Six Cards Per Box,
Weight Per Box, 4 Pounds.

Sold To Trade In Full Box Only.



Fig. 339-SP

CLAM SHELL VENTILATORS – Fig. 323

Cast Bronze

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



Fig. 323

PLASTIC VENTILATORS – Fig. 338

White Acry-Color Finish

No.	Each	Length Overall Inches	Width Overall Inches	Weight Ounces
1		6-1/4	5-1/4	3-1/2
2		7-1/2	7	5

Standard Package, 5 Pieces.



Fig. 338



Fig. 1069

JUNIOR TRANSOM VENTILATOR – Fig. 1069

Cast Bronze – Chromium Plated

Each	Size Flange Inches	For Screw No.	Weight Pounds
	6-1/2x2-1/8	6	1/2

Standard Package, 5 Pieces



Fig. 1062

SENIOR TRANSOM VENTILATOR – Fig. 1062

Cast Bronze – Chromium Plated

Each	Dimensions Inches	For Screw No.	Weight Pounds
	10 x 4	8	1

Standard Package, 5 Pieces



Fig. 550

TRANSOM OR LOCKER VENTILATOR – Fig. 550

18-8 Stainless Steel – Polished

Each	Dimensions Inches	For Screw No.	Weight Ounces
	7 x 2-1/2	8	3

Standard Package, 10 Pieces

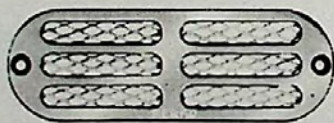


Fig. 1271

TRANSOM OR LOCKER VENTILATOR – Fig. 1271

Die Cast Zinc Alloy – Chromium Plated – With Grill Type Screen

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

Standard Package, 10 Pieces

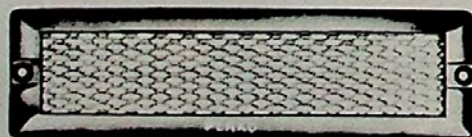


Fig. 1238

TRANSOM OR LOCKER VENTILATOR – Fig. 1238

Die Cast Zinc Alloy – Chromium Plated – With Grill Type Screen

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

Standard Package, 10 Pieces

STAINLESS STEEL LOUVER VENTILATORS

18-8 Alloy No. 304 – Polished

Fig. 334

No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
2		3 x 2-1/2	2	1
2-A		4 x 2-1/2	3	1-1/2
4		5-1/2 x 2-1/2	2	2
4-A		7-1/2 x 2-1/2	3	2-1/2
6		8 x 2-1/2	2	3
6-A		11 x 2-1/2	3	4

Standard Package, 10 Pieces per size



Fig. 335

No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
3		3 x 3	2	1-1/2
3-A		4 x 3-1/2	3	2
6		5-1/2 x 3	2	2-1/2
6-A		7-1/2 x 3-1/2	3	3-1/4
9		8 x 3	2	3-1/2
9-A		11 x 3-1/2	3	4

Standard Package, 10 Pieces Per size



Fig. 336

No.	Each	Size Inches	Length Louvers Inches	Weight Ounces
4		3-3/4 x 3	2	1-3/4
4-A		4-3/8 x 4	3	2
5		4-1/2 x 3	2	2
5-A		5-3/8 x 4	3	2-1/4
6		5-1/4 x 3	2	2-1/2
6-A		6-3/8 x 4	3	3

Standard Package, 10 Pieces Per size



LOCKER VENTILATORS – Fig. 330

18-8 Stainless Steel – Polished

No.	Each	Diameter Inches	For Screw No.	Weight Ounces
1		2-1/2	6	1
2		3-1/4	6	2

Standard Package, 10 Pieces



SKIN PACK – Fig. 330-SP

No. 2 Size

One Ventilator Per Card,
Twelve Cards Per Box,
Weight Per Box, 1½ Pounds.

Sold To Trade In Full Box Only.



#2



#4

Fig. 334



#6

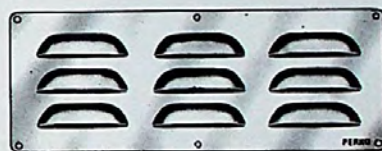


#3



#6

Fig. 335



#9



#4



#6

Fig. 336



#5



Fig. 330



Fig. 330-SP

GAS TANK VENT—Fig. 505

**Pressure Cast Bronze — Chromium Plated
With Brass Wire Mesh Flame Arrester.**

Made to meet the requirements of the National Fire Protection Assn. Booklet No. 302 Section No. 323 on vent pipe outlets.

The Flame Arrester is 30 x 30 mesh. The 1/2" I.P.T. is off center to create a water baffle.

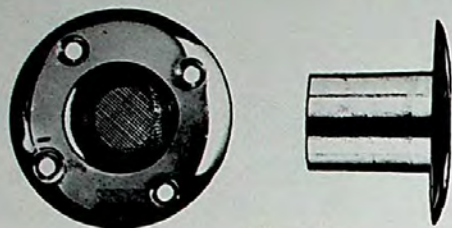


Fig. 505

Each	Diameter Flange Inches	O.D. Neck Inches	Length Neck Inches	Weight Ounces
	2-1/2	1-3/16	1-1/2	6-1/2



GAS TANK VENTS—Figs. 506 & 509

Chromium Plated Finish — With Copper Wire 30 Mesh Screening



Fig. 506

Die Cast Zinc Alloy

Fig. 509

Pressure Cast Bronze

Fig.	Size No.	Each	Pipe Size Inches	Hose Size Inches	Max. Wood Thickness Inches	Weight Ounces
506			3/8	9/16	1	2
509	3		3/8	9/16	1	4
509	4		1/2	5/8	7/8	6

Standard Package, 10 Pieces.

Spare Nuts for Fig. 506, Specify Fig. 506-99A.

Spare Nuts for Fig. 509, See Fig. 75



GAS TANK VENTS—Fig. 503

Pressure Cast Bronze — Chromium Plated — With Copper Wire 30 Mesh Screening



Fig. 503

No.	Each	Neck Pipe Size Inches	Elbow Pipe Size Inches	Max. Wood Thickness Inches	Weight Ounces
3		3/8	3/8x3/8	1	5-1/2
4		1/2	1/2x1/2	7/8	6

Standard Package, 5 Pieces.



GAS TANK VENTS—Fig. 515

Pressure Cast Bronze — Chromium Plated — With Copper Wire 30 Mesh Screening



Fig. 515

No.	Each	Pipe Size Inches	Max. Wood Thickness Inches	Weight Ounces
3		3/8	7/8	3-3/4
4		1/2	7/8	5-1/4

Standard Package, 10 Pieces.

Spare Nuts, See Fig. 75.



OUTBOARD GAS TANK CLAMPS—Fig. 1275

Die Cast Zinc Alloy

Made to fit most gas tanks now in use. By turning the top portion 180 degrees it will fit tanks with the seam folded either vertically or horizontally.



Fig. 1275

Each	Length Inches	Width Inches	Weight Ounces
	1-1/2	1	2

Standard Package, 10 Pieces

PERKO

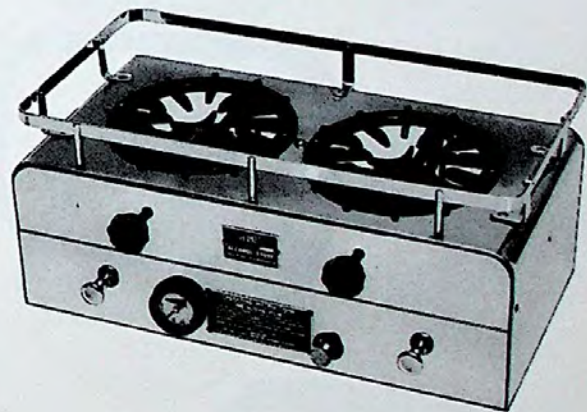
windows and
portlights

sinks

alcohol stoves

bells
fog horns
etc.

SECTION G



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Fig. 796

MARINE WINDOWS WITH SPIGOT – Fig. 796

Cast Bronze or Aluminum – Plain Finish
Watertight – Two Fastenings – Clear Glass
Screen and Finishing Frame Not Included
See Figs. 812, 813 and 814.

Length spigot is 2 inches. Glass thickness is 1/4 inch.

No.	Size of Opening Inches	Plain Bronze Each	Plain Aluminum Each		
1	5x12				
2	7x16				
	Dimensions Outside of Frame Inches	Dimensions Outside of Spigot Inches	Bronze Weight Pounds	Aluminum Weight Pounds	
1	7 ⁷ / ₈ x 14 ⁷ / ₈	5 ³ / ₈ x 12-7/16	13	5	
2	10 ¹ / ₈ x 19 ¹ / ₄	7 ¹ / ₂ x 16 ¹ / ₂	21	7 ¹ / ₂	



MARINE WINDOWS WITHOUT SPIGOT – Fig. 803

Cast Bronze or Aluminum – Plain Finish
Watertight – Two Fastenings – Clear Glass
Screen and Finishing Frame Not Included
See Figs. 812, 813 and 814

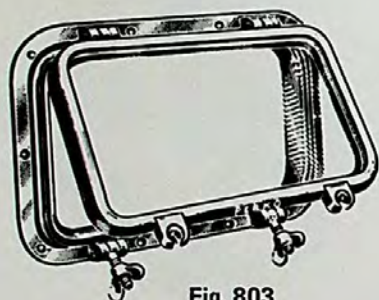


Fig. 803

No.	Size of Opening Inches	Plain Bronze Each	Plain Aluminum Each	Bronze Weight Pounds	Aluminum Weight Pounds
1	5 x 12			10 ¹ / ₂	4 ¹ / ₄
2	7 x 16			16	6 ¹ / ₂

For Frame Dimensions, See Fig. 796



OUTSIDE FINISHING FRAMES – Fig. 812

Cast Bronze or Aluminum – Plain Finish
For Figs. 796 or 803

Countersunk Screw Holes Placed as Illustrated. Not in Line With Mounting Holes of Window Frame.

These Fit Over the Outside of the Spigot on Fig. 796.



Fig. 812

No.	Bronze Each	Aluminum Each	Inside Dimensions Inches	Outside Dimensions Inches	Bronze Weight Pounds	Alum. Weight Pounds
1			5 ¹ / ₂ x 12 ¹ / ₂	7 ¹ / ₄ x 14 ¹ / ₄	1 ¹ / ₂	¹ / ₂
2			7 ¹ / ₂ x 16 ¹ / ₂	9 ¹ / ₄ x 18 ¹ / ₄	2 ¹ / ₄	⁵ / ₈



OUTSIDE BOLT – THRU FRAMES – Fig. 813

Cast Bronze or Aluminum – Plain Finish.

For Figs. 796 or 803

Bolt Holes in Line With Mounting Holes of Window Frame.

These Fit Over the Outside of the Spigot on Fig. 796.



Fig. 813

No.	Bronze Each	Aluminum Each	Inside Dimensions Inches	Outside Dimensions Inches	Bronze Weight Pounds	Alum. Weight Pounds
1			5 ¹ / ₂ x 12 ¹ / ₂	7 ³ / ₄ x 14 ³ / ₄	2 ³ / ₈	³ / ₄
2			7 ¹ / ₂ x 16 ¹ / ₂	10 ¹ / ₈ x 19 ¹ / ₈	3 ¹ / ₂	1



SCREENS FOR MARINE WINDOWS – Fig. 814

Brass – Plain Chrome Finish

No.	Each	Dimensions Inches	Weight Ounces
1		5 x 12	5
2		7 x 16	7

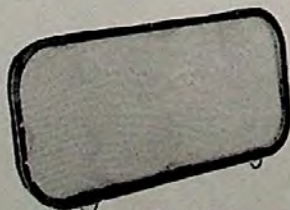


Fig. 814

Spare Wing Nuts For Figs. 796 and 803, See Fig. 453 No. 4.

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		4	7	1/4	3-3/4
5		5	8	1/4	5
6		6	9	1/4	6-1/2
*8		8	11-5/8	1/4	10-1/4

*8" size has two dog bolts.



Fig. 317

MORE-AIR PORTLIGHTS—Fig. 157

Cast Bronze — Plain Complete With Outside Finishing Ring — Glass Area Is Same Diameter As Opening — All Sizes Are Grooved For Screens

Spigot Between Flange and Ring, 1 1/2"

Opening Inches	Plain Bronze Each	Outside Diameter Frame Inches	Thickness Glass Inches	Weight 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

Spare Finishing Rings, Specify Fig. 157-99A.

Spare Wing Nuts for Figs. 157 and 317 4", 5", 6", See Fig. 453 No. 4.
8" See Fig. 453 No. 5.

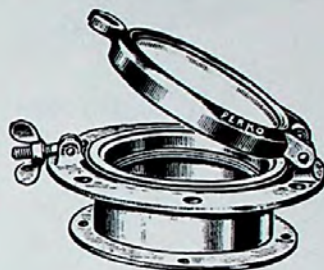


Fig. 157

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		1/4	6	1-3/4
5		1/4	7-1/2	2
6		1/4	8-1/4	2-3/4
*8		1/4	11	5-1/4

*8 inch size has Tempered Glass.



Fig. 838

ROUND PORTLIGHT SCREENS—Fig. 442

Bronze — Spring Type

For Figs. 157 & 317 Portlights

For Size Opening Inches	Each	For Size Opening Inches	Each
4		6	
5		8	



Fig. 442

PORTLIGHT CHAINS—Fig. 441

Stainless Steel Chain — Chromium Plated Fittings.

Each	Length Inches	Length Strap Inches	Weight Ounces
	7	1 7/8	2

Standard Package, 5 Pieces.

Fig. 441



VINYL FOR PORTLIGHTS AND WINDOWS—Fig. 461

Size 1/4" x 3/8" x 1/2" Per Length

Supplied only in 10 foot lengths.



Fig. 461

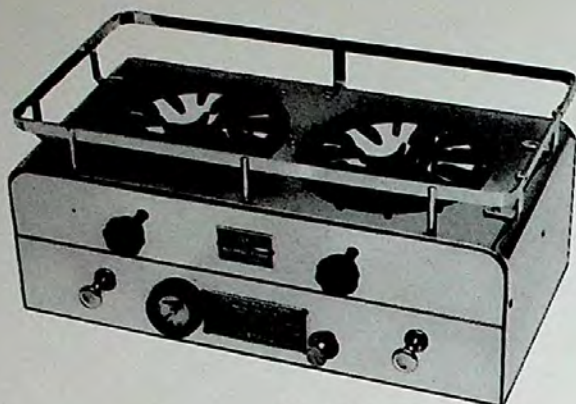


Fig. 364

**PERKO STAINLESS STEEL ALCOHOL STOVE – Fig. 364
2 BURNER – PRESSURE TYPE – SATIN FINISH**

18-8 Stainless Steel Body and Tray. Cast Bronze Slotted Burners. Brass, Chromium Plated Guard Rail. Tray is removable for cleaning. Air pressure gauge shows best working pressure.

Pressure pump is brass and has back pressure valve. Fuel tank is hidden behind front apron and holds 1-1/8 gallons. Its top is lined with sheet asbestos for heat insulation. Front section of guard rail is removable.

Perko Burners are by reputation the most dependable and fastest heating of all alcohol burners in the marine field. Using a good grade of "burning alcohol," both burners will operate for 14 hours on one gallon of fuel and one pound of pressure.

Complete Each	Extreme Length Inches	Extreme Width Inches	Extreme Height Inches	Weight Pounds
	20-1/2	12	8-1/2	27



Fig. 367

PERKO ALCOHOL BURNER AND PARTS

Cast Bronze

Each

- Complete as Illustrated, Fig. 367
- Wire Brush Filters Only, Fig. 367-99A
- Priming Pan Only, Fig. 367-99B
- Packing Nut for Valve Stem, Fig. 367-99C
- Needle Valve, Fig. 367-99D
- Control Knob, Fig. 367-99E
- Wing Nut for Filter Entrance, Fig. 367-99F
- "O" Rings for Wing Nut, Fig. 367-99G
- Graphite Packing for Needle Valve, Fig. 367-99H



AIR PUMP AND PARTS

Brass



Fig. 368

Length Inches	Diameter Inches	Weight Ounces
5	3/4	6

Each

- Complete as Illustrated, Fig. 368
- Repair Kit for Pump Consisting of
Check Valve, Spring and Leather Plunger, Fig. 368-99A



OFFSET FUNNEL – Fig. 365

Heavy Gauge Zinc – Brass Strainer

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



Fig. 365

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

SPARE PARTS FOR FIG. 364 STOVE

Each

- Air Pressure Gauge, Fig. 364-99A
- *Filler Cap for Fuel Tank, Fig. 364-99B
- Fuel Tank Only, Fig. 364-99C
- Grates Only, Fig. 364-99D
- Angle Fitting for Fuel Supply Line, Fig. 364-99E
- Thumb Screw for Air Escape Valve, Fig. 364-99F

*Includes "O" Ring

ROUND STAINLESS STEEL SINKS – Fig. 391

Deep Drawn, Seamless Construction –
20 Gauge 18-8 – Polished Finish – Self Rimming

Packed in individual carton.

No.	Each	Diameter Inside Inches	Diameter Outside Rim Inches	Depth Inside Inches	Weight Pounds
6		11-3/4	13-3/4	5	2

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



Fig. 391

STAINLESS STEEL SINKS – Fig. 392

Deep Drawn, Seamless Construction –
20 Gauge 18-8 – Satin Finish – Self Rimming
Bottom heavily undercoated for sound deadening.
Packed in individual carton.

No.	Each	Size Inside Inches	Size Outside Rim Inches	Depth Inside Inches	Weight Pounds
1		10 x 14	13 x 17	7-1/2	7
2		14 x 15	17 x 19	7	6-1/2

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



Fig. 392

DRAIN FITTINGS – Figs. 357 and 586

Brass – Chromium Plated

Fig. 357 For use with sink Fig. 392

Fig. 586 For use with sink Fig. 391

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



Fig. 357



Fig. 586

SEAGOING ASH TRAY—Fig. 795

All Brass – Chromium Plated

Swing Type – Removable

Each	Dimensions Mounting Plate Inches	Overall Height Inches	Weight Ounces
	1-3/4 x 1-1/4	3	5-3/4

Spare Wall Plate, Fig. 166.
Spare Acorn Nut, See Fig. 465 No. 2.



Fig. 795

CAN AND GLASS HOLDERS—Fig. 804

Swinging Type – All Brass – Chromium Plated
Holds 12 ounce beer cans or straight sided glasses.

Each	Size Mounting Plate Inches	Inside Diam. Ring Inches	Weight Ounces
	1-3/4 x 1-1/4	2-3/4	5

Spare Wall Plate, Fig. 166.



Fig. 804

PERKINS MARINE LAMP & HARDWARE CORP.



Fig. 159



Fig. 159-SP



Fig. 420

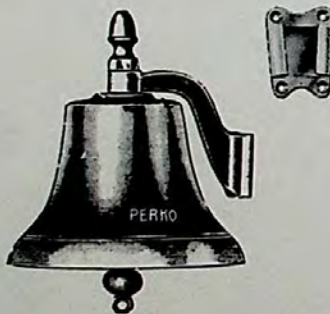


Fig. 150



Fig. 158

BRASS FOG BELLS — Fig. 159 With Removable Arm and Wall Plate Clapper has short arm for Lanyard.

Bottom Diameter Inches	Plain Brass Each	Polished Brass Each	Chromium Plated Each	Height Overall Inches	Weight Pounds
6				4	1
8				5	2-1/4

SPARE PARTS

Arm Only, Fig. 159-99 A
6" Clapper Only, Fig. 159-99 B
8" Clapper Only, Fig. 153
Eye Bolt Only, Fig. 113
Wall Plate Only, Fig. 166
Acorn Nut Only, See Fig. 465 No. 4

Plain Each	Polished Each	Chrome Each
------------	---------------	-------------

SKIN PACK — Fig. 159-SP

6 Inch — Chromium Plated
One Bell Per Card.
Two Cards Per Box.
Weight Per Box, 2 3/4 Pounds.
Sold To Trade In Full Box Only

CAST BRONZE FOG BELLS—Fig. 420 Medium Weight — With Removable Bracket

Bottom Diameter Inches	Polished Bronze Each	Chromium Plated Each	Height Overall Inches	Weight Pounds
6			5	3-1/4
8			6-1/8	6-1/2

SPARE PARTS

6" Arm Only, Fig. 420-99A
8" Arm Only, Fig. 171
6" Clapper Only, Fig. 153
8" Clapper Only, Fig. 144
6" Eye Bolt Only, Fig. 113
8" Eye Bolt Only, Fig. 123
Wall Plate Only, Fig. 127
6" Acorn Nut Only, See Fig. 465 No. 4
8" Acorn Nut Only, See Fig. 465 No. 8

Polished Each	Chrome Each
---------------	-------------

CAST BRONZE FOG BELLS—Fig. 150 Heavy Weight — With Removable Bracket

Bottom Diameter Inches	Polished Bronze Each	Chromium Plated Each	Height Overall Inches	Weight Pounds
8			8	9
10			10-1/2	16-1/2
12			12	31

SPARE PARTS

8" Arms Only Fig. 171
10 & 12" Arms Only, Fig. 150-99A
8" Clappers Only, Fig. 144
10 & 12" Clappers Only, Fig. 169
8" Eye Bolts Only, Fig. 123
10 & 12" Eye Bolts Only, Fig. 170
8" Wall Plates Only, Fig. 127
10 & 12" Wall Plates Only, Fig. 150-99B
8" Acorn Nuts Only, See Fig. 465 No. 8
10 & 12" Acorn Nuts Only, See Fig. 465 No. 9

Polished Each	Chrome Each
---------------	-------------

CAST BRONZE SHIP BELL — Fig. 158 Heavy Weight — With Stationary Bracket

Bottom Diameter Inches	Polished Bronze Each	Chromium Plated Each	Height Overall Inches	Weight Pounds
12			12	36
14			13	43

SPARE PARTS

Brackets Only, Specify Fig. 158-99A and Finish
Clappers Only, Fig. 169
Eye Bolts Only, Fig. 170
Acorn Nuts Only, See Fig. 465 No. 9

FOG HORNS—Fig. 162

Galvanized Steel or Brass — Nylon Mouthpiece

Length Overall Inches	Galvanized Steel Each	Polished Brass Each	Weight Per Dozen Pounds
12-1/2			5

Standard Package, 10 Pieces.



Fig. 162

TRIPLEX MOTOR BOAT WHISTLE—Fig. 167

Plastic

Each	Length Overall Inches	Width Overall Inches	Weight Per Dozen Pounds
	6	1-3/4	1

Standard Package, 10 Pieces.

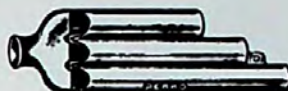


Fig. 167

SKIN PACK — Fig. 167-SP

One Whistle Per Card.

Twelve Cards Per Box,

Weight Per Box, 1 1/2 Pounds.

Sold To Trade In Full Box Only.



Fig. 167-SP

POLICE OR SIGNAL WHISTLE—Fig. 349

Each	Length Inches	Width Inches	Weight Per Dozen Ounces
	2	3/4	17

Standard Package, 10 Pieces.



Fig. 349

"NEPTUNE" MARKED LEAD LINES—Fig. 190

Vinylite Plastic Markers — 5/16 Inch Dacron 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 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		20	
10		25	
15		30	

NOTE: Markings up to 10 fathoms inclusive marked every fathom and half fathom, the latter indicated by a yellow strip. Longer lines marked according to Navy standard . . . i.e. 2 - 3 - 5 - 7 - 10 - 13 - 15 - 17 - 20 fathoms and every 5 fathoms thereafter.

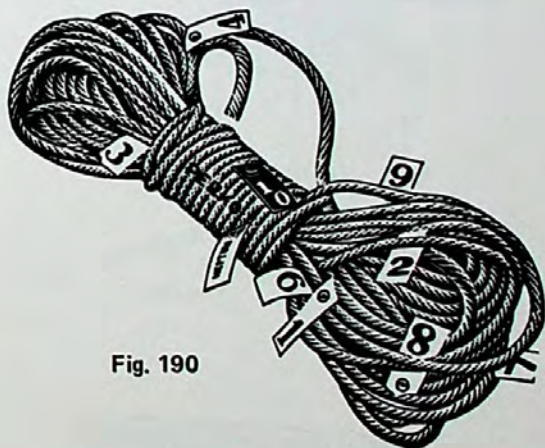


Fig. 190

SOUNDING LEADS—Fig. 940

All weights from 2 to 10 pounds inclusive carried in stock.

PER POUND —



Fig. 940

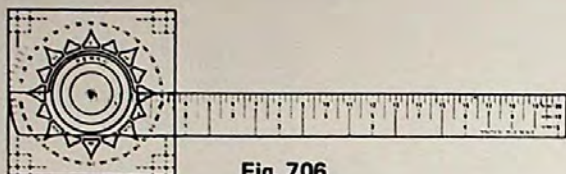


Fig. 706

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
	21-1/2	6-3/8

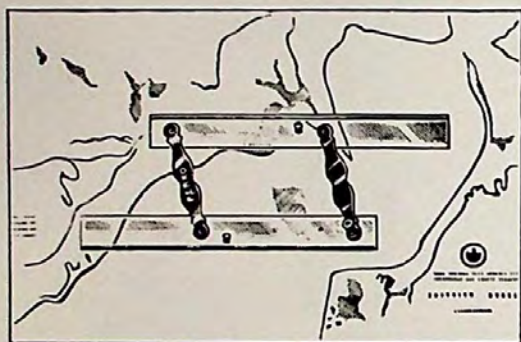


Fig. 630

LUCITE PARALLEL RULES—Fig. 630

Transparent – Aluminum Bars – Heavy Type

Chart data shows clearly through transparent lucite. Heavy type with finger grips, and corprene non-sliding discs.

Length Closed Inches	Each	Width Closed Inches	Thickness Inches	Weight Ounces
12		2-1/2	3/16	6-1/2
15		2-1/2	3/16	7-1/2
18		2-1/2	3/16	8-1/2



PARALLEL RULES—Fig. 686

Ebony Finish – Aluminum Bars – Finger Grips and Corprene Non-Sliding Discs

Length Closed Inches	Each	Width Closed Inches	Weight Ounces
12		2-1/2	6
15		2-1/2	6-1/2
18		2-1/2	7



Fig. 686

DIVIDERS—Fig. 693

Brass – Chromium Plated – Navy Type

No.	Each
1 Length, 5-1/2 inches	
2 Length, 7 inches	

No. 2 size has straightening device and reversible points. Standard Package, 5 Pieces.



Fig. 693

YACHT LOG BOOK—Fig. 708

112 Pages – Water Resistant Binding

Binding is hard Pyroxlin coated linen vellum. Water resistant and washable. Navy blue with gold lettering. In addition to pages for log data, these books contain useful information such as extracts from Bowditch Practical Navigator or symbols for weather, state of sea, cloud formations, force of wind, guest log and marine telephone log.

Weight, 20 Ounces

Each



Fig. 708

PERKO

steering equipment

shaft fittings

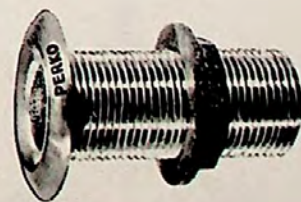
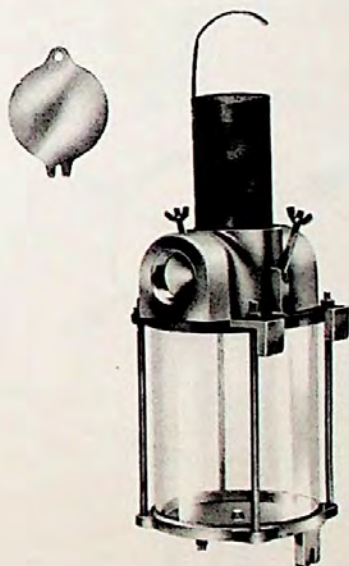
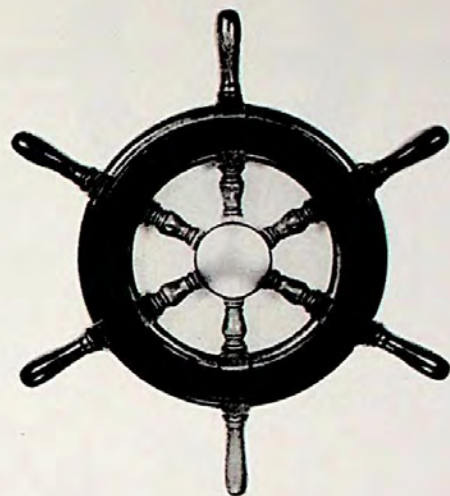
thru hulls

water strainers

fuel filters

underwater fittings

pumps, drainers



MANUFACTURED BY

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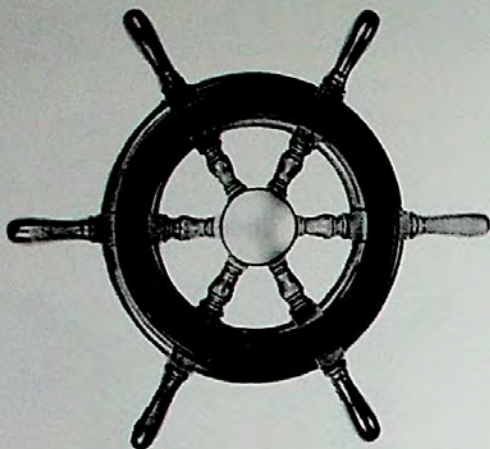


Fig. 657

MAHOGANY STEERING WHEELS—Fig. 657

With Bronze Hub – Chromium Plated

These 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.

No.	Nominal Size Inches	Actual Diameter Overall Inches	For Shaft Inches	Weight Pounds
1	18	17-1/4	3/4	5
2	18	17-1/4	1	5
3	20	19-1/4	3/4	5
4	20	19-1/4	1	5
5	22	22-1/4	1	6-1/2
6	24	24-3/8	1	9
7	28	28	1	12
8	30	30	1	15

3/4 inch bore on 18 and 20 inch wheels is tapered. 1 inch bore is straight.

Length bore, 18", 20", 22" sizes, is 1-1/4"
Length bore, 24", 28", 30" sizes, is 1-5/8"



Fig. 914

STEERING WHEELS—Fig. 914

Brass – Wood Grips – Round Spokes – 1/4 Inch Keyway

No.	Diam. Overall Inches	Polished Brass Each	Chromium Plated Each	For Shaft Inches	Length Hub Inches	Weight Pounds
1	16			3/4	2-1/8	4-3/4
2	16			1	2-1/8	4-3/4
3	20			3/4	2-1/8	6-1/4
4	20			1	2-1/8	6-1/4
5	24			1	2-1/8	7

Spare Grips, Specify Fig. 670, No. 2

Spare Nuts For Grips, See Fig. 465 No. 4



Fig. 661

DRUM STEERERS—Fig. 661

Cast Aluminum – For Tiller Rope – With Die Cast Drum Wood Grips.

No.	Diameter Overall Inches	Each	Size Base Inches	Diameter Drum Inches	Length Drum Inches	Weight Pounds
1	12		4 x 4	2-3/8	2-1/4	3-1/4
2	16		4 x 4	2-3/8	2-1/4	4-1/2

Spare Grips For No. 1, Specify Fig. 670 No. 1

Spare Grips For No. 2, Specify Fig. 670 No. 2

Spare Grip Bolts For No. 1, Specify Fig. 661-99A.

Spare Grip Bolts For No. 2, Specify Fig. 661-99B.

PERKINS MARINE LAMP & HARDWARE CORP.



Fig. 320

STUFFING BOXES—Fig. 320

Cast Bronze — Regular

No.	Shaft Size Inches	Each	Size Flange Inches	For Diam. Bolt Inches	Length Bearing Inches	Weight Pounds
3	3/4		4 x 1-3/4	3/8	2-1/8	1-1/8
4	7/8		4-1/8 x 1-7/8	7/16	2-5/8	1-1/2
5	1		4-1/4 x 2-1/8	7/16	2-5/8	1-3/4
6	1-1/8		4-7/8 x 2-1/8	1/2	2-7/8	2-1/4
7	1-1/4		5-3/4 x 2-3/8	1/2	2-7/8	3
8	1-3/8		6-1/4 x 3	1/2	3	3-1/4
9	1-1/2		6-1/2 x 3	1/2	3	3-1/2



EXTRA HEAVY STUFFING BOXES—Fig. 819

Rectangular Flange — Cast Bronze

No.	Shaft Size Inches	Each	Size Flange Inches	For Diam. Bolt Inches	Length Bearing Inches	Weight Pounds
6	1-1/8		5-1/2 x 3-3/8	1/2	4-1/4	6-1/2
7	1-1/4		5-5/8 x 3-5/8	1/2	4-1/4	6-1/2
8	1-3/8		6 x 4	1/2	5	9
9	1-1/2		6 x 4-3/8	1/2	5-1/2	10
10	1-3/4		6-1/2 x 4-1/2	5/8	7	13-1/2
11	2		7-3/4 x 5	5/8	7-3/8	15-1/2



Fig. 819

SELF-ALIGNING STUFFING BOXES—Fig. 734

Cast Bronze — Rectangular Flange

No.	For Shaft Inches	Each	Size Flange Inches	Length from Flange to End of Box Inches	Weight Pounds
5	1		5 x 3-1/4	6-3/4	5
6	1-1/8		6 x 4-1/4	7-3/4	9
7	1-1/4		6 x 4-1/4	7-3/4	9-1/2
8	1-3/8		7 x 4-1/2	8	12-1/2
9	1-1/2		7 x 4-1/2	8-1/4	13

Note: Length Bearing does not include packing nut or space for packing.

Spare Stuffing Boxes, See Fig. 672.

Spare Hoses, See Fig. 673.

Spare Clamps, See Fig. 6400.



PACKING NUTS AND LOCK NUTS—Figs. 73 & 79

For Stuffing Boxes — Cast Bronze

No.	Shaft Size Inches	Fig. 73 Each	Fig. 79 Each	Width Hex Inches	For Use With Figures
3	3/4			1-3/8	320
3A	3/4			1-3/4	672 No. 1-H & 1089
4	7/8			1-5/8	320 & 1089
4A	7/8			1-3/4	672 No. 2-H
5	1			1-3/4	320, 672 No. 3-H, 819, 1088
6	1-1/8			2	320, 672 No. 4, 819, 1088
7	1-1/4			2	672 No. 5
7A	1-1/4			2-1/4	320, 819, 1088, 1089
8	1-3/8			2-3/8	320, 672, No. 6, 819, 1089
9	1-1/2			2-3/8	672 No. 7
9A	1-1/2			2-1/2	320, 819, 1089
10	1-3/4			3-1/4	819
11	2			3-1/2	819



STAINLESS STEEL MARINE HOSE CLAMPS—Fig. 6400

No Rivets — Welded

Part Number	Each	Size Hose Inches From	To	Clamp Diameter Inches Min.	Max.	Box Quantity	Weight Per 100 in Pounds
4		1/4	5/8	3/8	11/16	10	2
10		3/8	5/8	5/8	1-1/16	10	6
12		5/8	3/4	11/16	1-1/4	10	6
16		3/4	1	13/16	1-1/2	10	7
20		1	1-1/4	13/16	1-3/4	10	7
28		1-1/4	1-3/4	1-5/16	2-1/4	10	8
36		1-3/4	2-1/4	1-13/16	2-3/4	10	9
44		2-1/4	2-3/4	2-5/16	3-1/4	10	9
52		3	3-1/4	2-13/16	3-3/4	10	11
56		3-1/4	3-1/2	3-1/16	4	10	11
64		3-1/2	4	3-9/16	4-1/2	10	12



Fig. 73



Fig. 79



Fig. 6400

SELF ALIGNING SHAFT LOGS—Fig. 671

Cast Bronze

No.	Each	Size Shaft Inches	Size Base Inches	Length Overall Inches	Degrees of Angle	Weight Pounds
3		3/4	11-3/8x3-1/2	18	12	5-1/4
5		1	11-3/8x3-1/2	18	12	5-1/4
6		1-1/8	16-1/2x4-1/4	23-1/2	10	10-1/4
7		1-1/4	16-1/2x4-1/4	23-1/2	10	10-1/4
8		1-3/8	19x5	28	10	17-3/4
9		1-1/2	19x5	28	10	17-3/4



Fig. 671

NOTE — Size Nos. 3&5 are drilled for screws. Balance of sizes are spotted but not drilled.



SELF ALIGNING SHAFT LOGS—Fig. 589

Cast Bronze — Allows Installation of Engine Well Aft

Base is drilled for bolts or screws.

No.	Each	For Size Shaft Inches	Size Base Inches	Length Overall Inches	Degrees of Angle	Wt. Lbs.
5		1	11x5	12-1/4	13	6
6		1-1/8	13x5-1/2	14-1/2	14	10
7		1-1/4	13x5-1/2	14-1/2	14	10



Fig. 589

Stuffing Box only, see Fig. 672



STUFFING BOX AND EXTRA HOSE

Figs. 672, 673 For Self Aligning Shaft Log

For Log No.	Size Shaft Inches	Fig. 672 Stuffing Box Each	Fig. 673 Hose Each	I.D. Hose Inches	Length Hose Inches
3	3/4			1-3/4	4
4	7/8			1-3/4	4
5	1			1-3/4	4
6	1-1/8			2-3/8	5
7	1-1/4			2-3/8	5
8	1-3/8			2-5/8	5
9	1-1/2			2-5/8	5



Fig. 672



Fig. 673

For Hose Clamps, See Fig. 6400.



UNIVERSAL STRUTS—Fig. 1055

Cast Manganese Bronze — For Cutless Rubber Bearings

These struts can be made any length shorter than standard by sliding the shank up through the base to the required length. The necessary angle for the shaft is also obtained in the same way.

Two Everdur Hex Head Bolts are furnished. Extreme drop to center of shaft is 7 inches. Base drilled for 5/16 inch bolts. Dimensions of base 5-3/8 x 3-1/8 inches.

No.	Each	For Diam. Shaft Inches	For Cutless Bearing Code	Length Bearing Inches	Weight Pounds
3		3/4	Kale	3-1/2	6
4		7/8	Katy	3-1/2	6
5		1	Kayak	4	7-1/2
6		1-1/8	Kersey	4-1/2	7-1/2
7		1-1/4	Kidnap	5	7-1/2

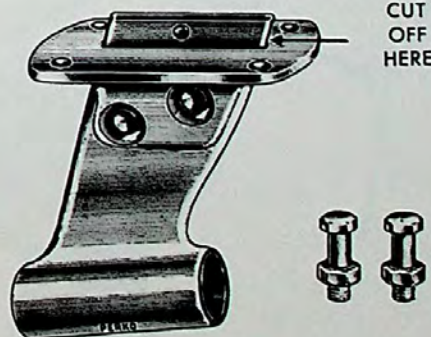


Fig. 1055

PIPE DECK PLATES

Cast Bronze – Straight Pipe Threads

Size Nos. 7 and 8 are Slotted per Illustration.

Other Sizes have Holes for Key, Not Slotted.

Marked Type are Marked on the Plate,

Not on the Cap.

All Sizes have Rubber "O" Ring for Watertightness.

UNMARKED – Fig. 528

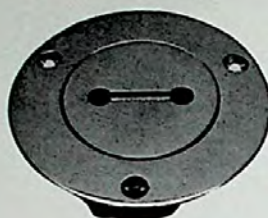


Fig. 528



Fig. 528-G



Fig. 528-D



Fig. 528-W

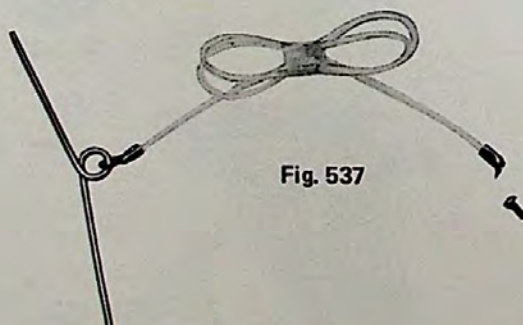


Fig. 537



Fig. 1248

No.	Pipe Size Inches	Machine Finish Complete Each	Polished Chromium Plated Complete Each	Outside Diam. Plate Inches	Weight Pounds
5	3/4			2-5/8	1/2
6	1			2-7/8	5/8
7	1-1/4			3-5/16	7/8
8	1-1/2			3-5/8	1
9	2			4-1/4	1-1/2
10	2-1/2			4-5/8	2
11	3			5-3/8	2-1/2

Spare Caps, Specify Fig. 528, 99A Size and Finish.

Spare "O" Ring, Specify Fig. 528, 99B and Size.

MARKED "GAS" – Fig. 528-G

No.	Pipe Size Inches	Machine Finish Complete Each	Polished Chromium Plated Complete Each	Outside Diam. Plate Inches	Weight Pounds
7	1-1/4			3-5/16	7/8
8	1-1/2			3-5/8	1
9	2			4-1/4	1-1/2

MARKED "DIESEL" – Fig. 528-D

No.	Pipe Size Inches	Machine Finish Complete Each	Polished Chromium Plated Complete Each	Outside Diam. Plate Inches	Weight Pounds
7	1-1/4			3-5/16	7/8
8	1-1/2			3-5/8	1
9	2			4-1/4	1-1/2

MARKED "WATER" – Fig. 528-W

No.	Pipe Size Inches	Machine Finish Complete Each	Polished Chromium Plated Complete Each	Outside Diam. Plate Inches	Weight Pounds
7	1-1/4			3-5/16	7/8
8	1-1/2			3-5/8	1
9	2			4-1/4	1-1/2

SAFETY CORDS – Fig. 537

For PIPE DECK PLATES

The Caps of All the Above Deck Plates

Are Pre-Drilled and Tapped for this Cord.

Cord is High Strength Monofilament, 24 Inches Long. Each

Standard Package, 5 Pieces.

DECK PLATE KEYS – Fig. 1248

Die Cast Zinc Alloy – Natural Finish

*No.	Each	C to C Of Lugs Inches	Length Overall Inches	Weight Ounces
5-6		5/8	3-3/8	2
7-8		1-1/8	3-3/8	2
9		1-11/16	4-3/8	2-1/2
10		2	4-3/8	2-1/2

*Corresponds with Size of Deck Plate.
Size No. 11 Uses Key Fig. 539.

IMPROVED

“CHROMALEX” GAS FILL – Fig. 1313

For 1½ Inch I.D. Hose
Nylon Flange and Cap, Black
“Perkplate” Chromium Metal Parts

Nylon is impervious to gasoline.
Improvements – Rubber “O” Ring for Water Tightness,
Flared Neck for Hose Retention, Chain Attached to Outside
Of Cap and Flange.

Each	Diameter Overall Inches	Length Hose Neck Inches	For Screw No.	OEM Package	Weight Ounces
	3-1/8	1-5/8	7	50	7

Spare Cap, Specify Fig. 1313, 99A



SKIN PACK – Fig. 1313-SP

One Fill Per Card.
Six Cards Per Box.
Weight Per Box, 3½ Pounds.
Sold To Trade In Full Box Only.



GAS TANK CAP—Fig. 1245

With Deck Flange And 15 Inches Of Bead Chain

Die Cast Zinc Alloy – Chromium Plated

Each	Threaded for Pipe Inches	Height Overall Inches	Diam. Deck Flange Inches	For Screw No.	Weight Ounces
	1-1/2	1-1/8	3-1/8	7	9-1/2

Spare Caps Only with Chain, Specify Fig. 1245-99A.

Standard Package, 5 Pieces.



“WASTE” FITTINGS – Fig. 524

FOR USE IN EMPTYING HOLDING TANKS

Pressure Cast Bronze – Chromium Plated
With Rubber “O” Ring – Airtight

Complies with adopted standard on “Fittings” A.B.Y.C. recommended practices and standards covering sewage holding and/or treatment devices for marine toilet waste.

Each	Straight Pipe Thread Inches	Outside Diam. Plate Inches	Weight Pounds
	1-1/2	3-5/8	1

Spare Caps, Specify Fig. 524-99A.

Spare “O” Rings, Specify Fig. 528-99B Size No. 8.



DECK PLATES FOR HOSE – Fig. 1270

Die Cast Zinc Alloy – Chromium Plated

Cap with holes and slot for key, screw driver or large coin.
Markings on Cap and Flange as Illustrated.

- Fig. 1270 marked “WASTE” – Nos. 1 and 2.
- Fig. 1270-A Plain, no marking – Nos. 1 and 2.
- Fig. 1270-B marked “GAS” – No. 1 Only.
- Fig. 1270-C marked “WATER” – Nos. 1 and 2.

No.	Each	Inside Diameter Neck Inches	For Hose Inches	Length Neck Inches	Diameter Flange Inches	Weight Ounces
1		1-3/8	1-1/2	2-3/4	3-1/4	14
2		1-5/8	1-7/8	2-3/4	3-1/4	15

NOTE - Figs. 1270 A, B and C Supplied with Bead Chain Attached to inside of Cap. Fig. 1270 “WASTE” has no Chain.
Spare Caps, Specify Fig. 1270 – 99A and Marking.



Fig. 1313



Fig. 1313-SP



Fig. 1245



Fig. 524



Fig. 1270



Fig. 526

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
3				4-7/8	1-1/2
4				5-3/4	2
5				7-1/16	2-3/4
6				8-1/4	5
8				10-1/4	7

Keys Only, Specify Fig. 539.

Spare Caps, Specify Fig. 526, 99A Size and Finish.

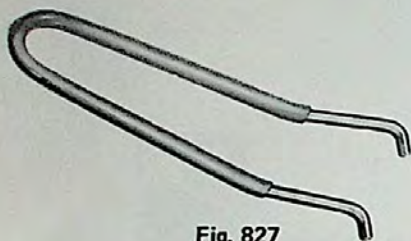


Fig. 827

DECK PLATE KEY—Fig. 827

Aluminum — Gold Anodized.

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

Each	Length Overall Inches	Diameter Metal Inches	Standard Package	Weight Ounces
	5-3/4	3/16	10	1-3/4

Fig. 827-SP



SKIN PACK — Fig. 827-SP

One Key Per Card.

Six Cards Per Box.

Weight Per Box, 1½ Pounds.

Sold To Trade In Full Box Only.

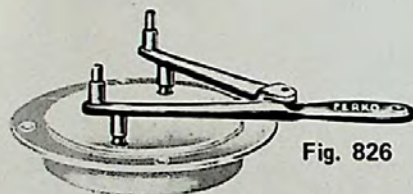


Fig. 826

DECK PLATE KEY—Fig. 826

Cast Bronze — Adjustable to all

Sizes of Deck Plates — Heavy Duty

Will fit all sizes of deck plates up to 8 inch diameter.

Each	Length Overall Inches	Standard Package	Weight Pounds
	8-1/2	5	1



1. Lever



2. Clevis

STEERER AND CONTROL PARTS—Fig. 865

Cast Bronze — Plain

No.	Item	Each	Length Overall Inches	Length C to C Inches	Weight Pounds
1	Lever		8	6	1-3/4
1-A	Lever		10	6-7-8*	2-1/8
1-B	Lever		10	6-7-8*	2-1/4
1-C	Lever		10	6-7-8*	2-1/4
2	Clevis		2-1/2		1/2
2-A	Clevis		2-1/2		1/2
2-B	Clevis		4-1/16		3/4
2-C	Clevis		4-1/16		3/4
8	Bearing				3/4



8. Lower Bearing

No.	For Diam. Shaft Inches	For Diam. Pin Inches	Diam. Bolt Inches	Tapped For Rod Inches	Tapped For Pipe Inches	Inside Jaw Inches	Diam. Flange Inches
1	1	1/2					
1-A	1	1/2					
1-B	1-1/8	1/2					
1-C	1-1/4	1/2					
2			1/2	3/4		1/2	
2-A			1/2		1/2	1/2	
2-B			1/2		3/4	9/16	
2-C			1/2	1		9/16	
8	1						3-1/2

Fig. 865

Depth of Bearing — No. 8, 5/8 Inches.

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

CONTROL ROD SOCKETS—Figs. 328 & 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		1/4 -20	3/8	1-5/8	3/16	5/8
2		5/16-18	7/16	1-5/8	3/16	9/16
3		3/8 -16	1/2	1-5/8	1/4	3/4

Heavy Duty Fig. 298

8		5/16-18	7/16	1-7/16	1/4	7/16
9		1/4 -28	7/16	1-3/8	1/4	7/16

Length jaws measured to center of pin.
Standard Package, 10 Pieces per size.

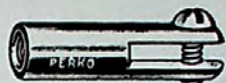


Fig. 328



Fig. 298

CONTROL WIRE SOCKETS—Fig. 679

Plain Brass

No.	Each	Length Inches	Diameter Inches	Between Jaws Inches	Length Jaws Inches	Weight Ounces
1		1	3/8	1/8	1/2	1/2
2		1-7/8	1/2	1/4	1-1/16	3/4

Length jaws measured to center of screw.
Standard Package, 10 Pieces per size

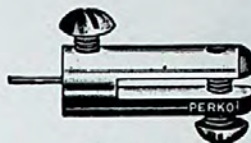


Fig. 679

BRASS BALL JOINTS—Figs. 792 & 793

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

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

Standard Package — Fig. 793, 5 Pieces.



Fig. 792

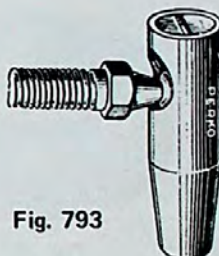


Fig. 793

IMPROVED CHOKE CONTROL HANDLES — Fig. 692

For Casing With Left Hand Lay — All Brass — Chromium Plated — With Phosphor Bronze Spring — Friction Device

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. Improvement — An Adjustable Friction Device to Hold At Desired Setting.

Each	Length Inches	Diam. Stem Inches	Standard Package	Weight Ounces
	4-7/8	3/8	5	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

No. 1 Casing only per length
No. 2 Wire only, per length

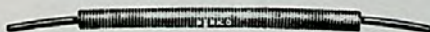


Fig. 353

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	Standard Package	Weight Ounces
	2-1/4x1	10	3



Fig. 352



Fig. 252



Fig. 253



Fig. 407



Fig. 244

ELECTROLYSIS COLLARS—Fig. 252

FOR SHAFT

Streamlined Zinc Die Casting — Precision Made And Balanced —

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 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 help to protect vital underwater fittings such as propellers, struts, shafts, strut bolts, also prevent pitting of all underwater fastenings.

Sizes No. 1 thru 5 have 2 bolts, larger sizes 4 bolts.

No.	Each	Shaft Size Inches	Length Overall Inches	Standard Package	Bulk Package	Weight Pounds
3		3/4	2	10	25	3/4
4		7/8	2	10	25	3/4
5		1	2-1/4	10	50	1-1/8
6		1-1/8	2-1/4	10	50	1-1/8
7		1-1/4	2-1/4	10	50	1-1/8
8		1-3/8	2-3/4	10	50	1-3/8
9		1-1/2	2-3/4	10	50	1-3/8
10		1-3/4	2-7/8	5	25	2-1/2
11		2	2-7/8	5	25	2-1/2



ELECTROLYSIS COLLARS—Fig. 253

FOR SHAFT

Zinc Die Castings — Heavy Duty Commercial Type —

No.	Each	Shaft Size Inches	Length Overall Inches	Diam. Overall Inches	Weight Pounds
11		2	1-1/8	3-3/4	1-1/2
12		2-1/4	1-1/8	3-3/4	1-1/2
13		2-1/2	1-5/8	5	3-1/2
14		3	1-5/8	5	3
15		3-1/2	1-11/16	6	6
16		4	1-11/16	6	5



ELECTROLYSIS ELIMINATORS—Fig. 407

FOR RUDDERS

Smooth Zinc Die Castings —

No.	Per Set as Illustrated	Diameter Inches	Standard Package	Bulk Package	Length Bolt Inches	Weight Comp. Pounds
2		2-7/8	10	50	2	1
2-A		3-3/4	5	25	2	1-3/4
3		5	5	25	2	3



ELECTROLYSIS ELIMINATORS—Fig. 244

FOR SMALL BOAT HULLS

Zinc Die Castings

No.	Each	Length Inches	Width Inches	Standard Package	Bulk Package	Weight 6-1/2 oz. lb.
1		3-1/2	1-3/4	10	100	6-1/2
2		5-1/4	2-1/8	10	50	1-1/4

ALL ABOVE ZINCS EXCEPT FIG. 253 IN STANDARD OR BULK PACKAGES ONLY. NO BROKEN PACKAGES.

ELECTROLYSIS ELIMINATORS—Fig. 247 FOR SMALL BOAT HULLS

Die Cast Zinc

Each	Length Inches	Width Inches	Standard Package	Bulk Package	Weight Ounces
	4-3/4	2	10	50	14



Fig. 247

ELECTROLYSIS ELIMINATORS — Fig. 241 FOR YACHT HULLS

Die Cast Zinc

Each	Length Inches	Width Inches	Thickness Inches	Standard Package	Bulk Package	Weight Pounds
	9-1/4	3-3/8	3/4	5	25	3-1/4



Fig. 241

ELECTROLYSIS ELIMINATORS—Fig. 345 FOR COMMERCIAL HULLS

Die Cast Zinc

Each	Length Inches	Width Inches	Thickness Inches	Standard Package	Bulk Package	Weight Pounds
	6-1/4	2-3/4	5/8	5	25	2-1/4



Fig. 345

ELECTROLYSIS ELIMINATORS—Fig. 254 FOR MARINE ENGINES

Zinc With Forged Bronze Plug

No.	Complete Each	Plug I.P.S. Inches	Zinc Dimensions Inches	Weight Ounces
3		3/8	3/8x1-3/4	2
4		1/2	5/8x2	4-1/2
5		3/4	3/4x2	7
5A		3/4	3/4x3-1/4	8-1/2



Fig. 254

Spare Zincs, Specify Fig. 254-99 A And Size
Spare Bronze Plugs, Specify Fig. 254-99 B And Size

Standard Package, 5 Pieces Per Size.

ZINC MARINE OILERS—Fig. 326

Spring Brass Bottom

Complete Each	Capacity Ounces	Diam. Inches	Length Spout Inches	Weight Per Dozen Pounds
	8	4	4	3-1/2

Standard Package, 10 Pieces. Minimum Quantity.

Spare Spouts, Specify Fig. 326-99 A.

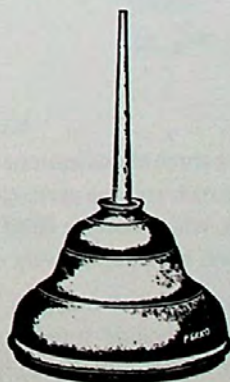


Fig. 326

FUEL FILTERS AND SEPARATORS

FIGS. 299 AND 303

Cast Bronze – With "Kwick Klean" Filter Element
For Gasoline – Diesel Fuel – Lubricating Oil – Air – Water

These units are guaranteed to strain water from gasoline or diesel fuel. The filter element is a 40 micron microcarbon ribbon type made of cellulose and impregnated with phenolic resin. It has a high rate of flow sufficient to feed high horsepower diesel and gasoline engines. Easily cleaned by reverse flow or back flushing with compressed air.



Fig. 299

Fig. 299

Cast Bronze Housing and Adjustable Mounting Bracket – Drain Plug – Neoprene "O" Ring Gasket.

Tested and accepted for labeling and listed by the Underwriters Laboratories Inc.

Size No.	Complete Each	Length Overall Inches	Diam. Inches	** Tapped For Pipe Inches	Weight Pounds
1		5-1/2	2-3/8	1/4 & 3/8	3-3/4
1-1/2		6-1/4	3-1/8	3/8 & 1/2	5-1/2

No. 1 Element is 1-3/4" O.D. x 1-3/4 long.

No. 1-1/2 Element is 2-1/4" O.D. x 2" long.

**Casting is tapped for large size with removable bushing for smaller size.

Spare elements, Specify Fig. 324 and Size No.

Spare "O" Rings, Specify Fig. 327 and Size No.



Fig. 303

Fig. 303

Cast Bronze Top With Integral Brackets
Brass Bowl With Cork Gasket

Complete Each	Tapped For Pipe Inches	Length Overall Inches	Width Overall Inches	Weight Pounds
	3/8	4	3-1/4	1-1/2

Element is Fig. 324 Size No. 1.

Spare Gaskets, Specify Fig. 359.

KEEP IT CLEAN WITH AN APPROVED FILTER

There are three classifications for fuel cleaning devices:

Filters, which remove particles of microscopic size (40 microns or less)

Strainers, which remove larger particles (More than 40 but less than 150 microns)

Separators, which effectively remove water from the fuel.

The Perko Fig. 299 meets or exceeds the yacht safety bureau's seven design construction and performance tests. These include filtering efficiency for both dirt and water, flow rate, ability to withstand pressure, vibration, shock, fire, durability and ease of assembly and disassembly.

PERKO IMPROVED INTAKE WATER STRAINERS

The Improvements Are Those Asked For By Boat Owners,
Boat Manufacturers, Dealers and Distributors
Of Boat Equipment.

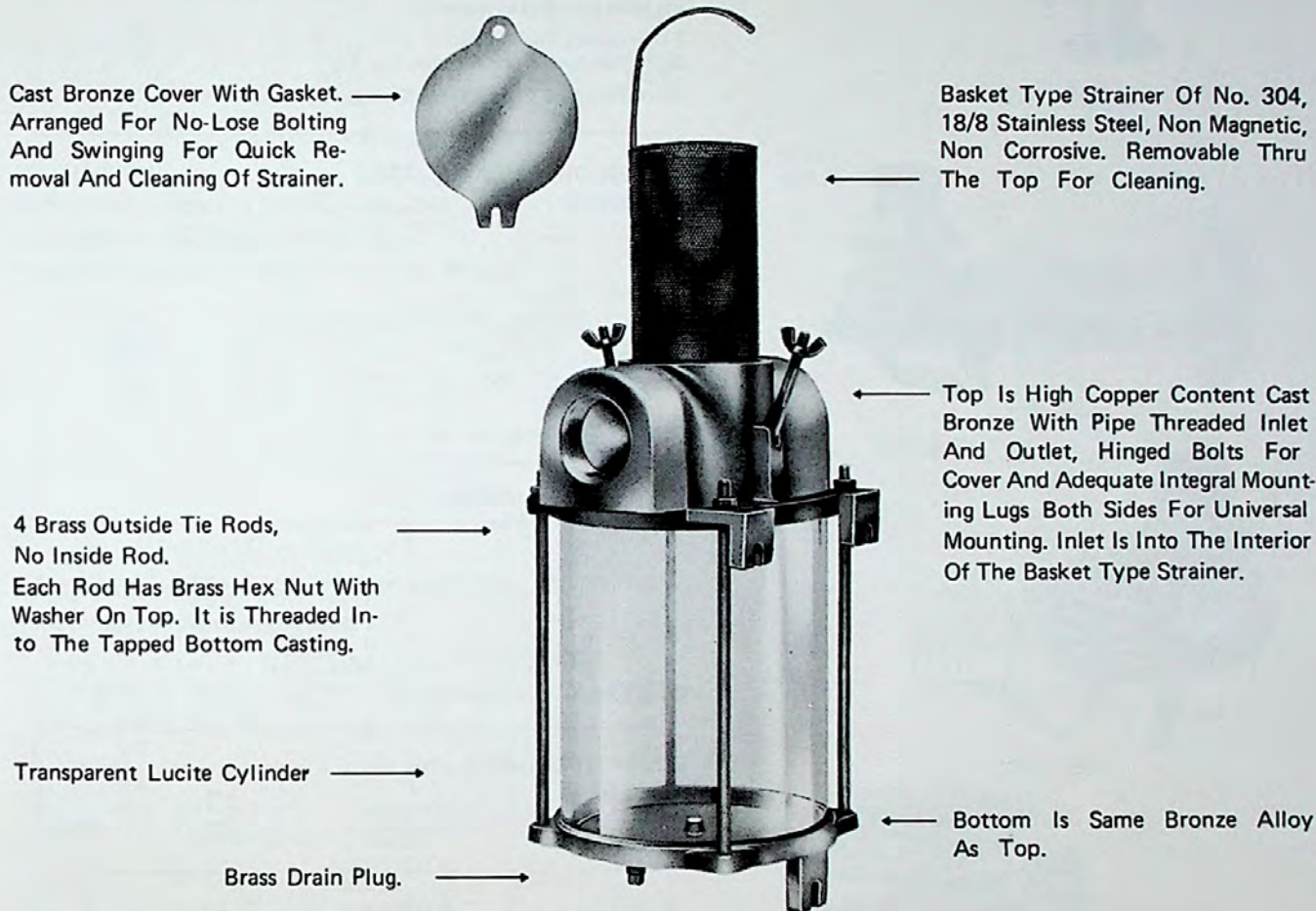


Fig. 493 - STANDARD TYPE

No.	Complete Each	Pipe Size Inches	Size Cylinder Inches	Approx. Height Inches	Approx. Width Overall Inches	Approx. Weight Pounds
3		3/8	2-1/2x2-3/4	4-1/4	3-1/4	1-5/8
4		1/2	3-1/2x4	5-3/4	4-1/2	3-3/4
5		3/4	4-1/2x5	7-3/8	5-1/4	5
6		1	4-1/2x5-1/2	8-1/8	5-1/2	5-1/2
7		1-1/4	4-1/2x6	8-3/4	5-1/2	5-3/4
8		1-1/2	6 x8	11-1/2	7	10-1/2
9		2	6 x12	16	7-1/4	12-3/4
10		2-1/2	6 x12	16	7-1/2	17

Fig. 500 - HEAVY DUTY TYPE

High Capacity For Diesels And Large Gasoline Engines

9	2	8x10	14-1/2	9-1/4	30-1/2
10	2-1/2	8x12	16-1/2	9-1/4	31
11	3	8x14	18-1/2	9-1/4	31-1/2

SPARE PARTS

SPECIFY FIG. NO. OF STRAINER, SIZE AND PART NO. BELOW.

Top Casting	99-A	Basket Strainer	99-D	Tie Rod	99-G	Wing Nut And Washer For Cover	99-K
Bottom Casting	99-B	Cover	99-E	Nut And Washer For Tie Rod	99-H	Hinged Bolt For Cover With Pin, Nut And Washer	99-L
Transparent Cylinder	99-C	Cover Gasket	99-F	Cylinder Gasket	99-J		



Fig. 821

ECONOMY SEA COCKS – Fig. 821

Cast Bronze

Complete with Drain Plug, Thru Hull and Tail Piece

No.	Pipe Size Inches	Each	Complete Weight Pounds
4	1/2		7/8
5	3/4		1-1/2
6	1		2-1/2
7	1-1/4		4
8	1-1/2		5-1/4

NOTE: The 1/2" size has adapter for 5/8" hose. Other sizes use same size hose as pipe size.

For Strainers, See Fig. 86.

Spare Tail Pieces, See Adapter, Fig. 76.

Spare Thru-Hull Connections, See Figs. 322 or 348.



Fig. 332

WATER OUTLETS—Fig. 332

Cast Bronze

No.	Pipe Size Inches	Diam. Flange Inches	Length of Neck Inches	Weight Ounces
5	3/4	2-5/8	2-1/4	12
6	1	2-7/8	3-1/4	16

Spare Flanged Nuts, See Fig. 75.



Fig. 65

INTAKE STRAINERS—Fig. 65

Cast Bronze – Plain

No.	Pipe Size Inches	Each	Length Neck Inches	Dimensions Strainer Inches	Weight Pounds
4	1/2		2-5/8	3 x 4	5/8
5	3/4		2-9/16	3 x 4	7/8
6	1		3	3 x 4	1-1/8
7	1-1/4		3-1/2	3-1/4 x 4-1/4	1-3/4

Spare Flanged Nuts, See Fig. 75.



Fig. 66

SCOOP STRAINERS—Fig. 66

Cast Bronze

No.	Each	Outside Dimension Inches	For Thru-Hull Size Inches	Weight Pounds
1		3-1/2x2-1/2	1/2	1/4
2		5 x3-1/4	1	3/4
3		6-1/4x4-1/4	1-1/4	1
4		8 x5-1/8	2	2

Standard Package, 5 Pieces.



Fig. 86

ROUND STRAINERS—Fig. 86

Cast Bronze

No.	Each	Outside Diam. Inches	Inside Diam. Inches	For Thru-Hull Size Inches	Standard Package	Weight Pounds
1		2-1/2	1-5/8	1/2	5	1/5
2		3	2	3/4	5	1/4
3		3-1/2	2-3/8	1	5	1/3
4		4	3	1-1/4	5	1/3
5		5	3-3/4	2	5	3/4
6		6	4-1/2	2-1/2	1	1
7		8	6-1/4	—	1	2-1/4

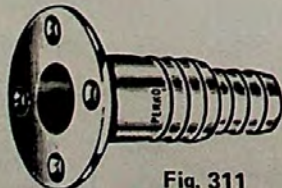


Fig. 311

THRU-HULL CONNECTIONS FOR HOSE—Fig. 311

Cast Bronze – Chromium Plated

Each	For Size Hose Inches	Inside Diameter Inches	Length Overall Inches	Diam. Flange Inches	Weight Ounces
	3/4 and 1	9/16	3-1/8	2-1/8	7

STANDARD

THRU-HULL CONNECTIONS—Fig. 322

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

No.	Pipe Size Inches	Each	Length Neck Inches	Diameter Flange Inches	For Strainer Fig. 86 No.	Weight Pounds
3	3/8		2-1/4	1-1/2	1	1/4
4	1/2		2-1/4	1-5/8	1	3/8
5	3/4		2-1/4	2	2	1/2
6	1		2-1/2	2-1/4	3	5/8
7	1-1/4		3	2-7/8	4	1-1/2
8	1-1/2		3-1/4	3	5	1-3/4
9	2		3-1/2	3-1/2	5	2-3/8
10	2-1/2		3-5/8	4-1/2	6	3-1/4

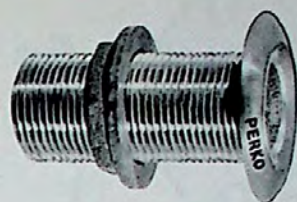


Fig. 322

EXTRA LONG

THRU-HULL CONNECTIONS — Fig. 348

Cast Bronze — Machined Flange
Threaded To Approximately 1 inch from Flange

No.	Pipe Size Inches	Each	Length Neck Inches	Diameter Flange Inches	For Strainer Fig. 86 No.	Weight Pounds
5	3/4		5-1/2	2	2	3/4
6	1		5-1/2	2-1/4	3	1
7	1-1/4		5-1/2	2-7/8	4	2
8	1-1/2		5-1/2	3	5	2-1/4
9	2		5-1/2	3-1/2	5	3
10	2-1/2		5-1/2	4-1/2	6	4



Fig. 348

THRU-HULL CONNECTIONS FOR HOSE—Fig. 350

Cast Bronze — Machined Flange

No.	For Hose Inches	Plain Each	Polished Chromium Plated Each	Diam. Flange Inches	Maximum Wood Thickness Inches	Weight Pounds
4	5/8			1-5/8	1-1/4	3/8
5	3/4			2	1-5/8	1/2
6	1			2-3/8	1-7/8	7/8
7	1-1/4			3	2	1-3/8
8	1-1/2			3-1/8	2	1-1/2

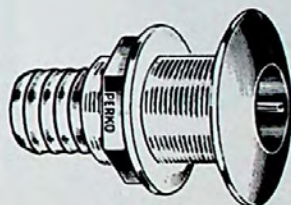


Fig. 350

FLUSH TYPE "NO BULGE"

THRU HULL CONNECTIONS—Figs. 331 & 361

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. The ends of these fittings have tapered threads for easy attachment of valves or other pipe fittings.

No.	Pipe Size Inches	Fig. 331 Each	Fig. 361 Each	Length Overall Inches	Inside Diameter Inches	Diameter Flange Inches	Weight Pounds
4	1/2			2-7/16	1/2	2-1/2	3/4
5	3/4			2-3/4	3/4	2-1/2	7/8
6	1			3	1	3	1-1/4
7	1-1/4			3-3/8	1-1/4	3	1-3/4

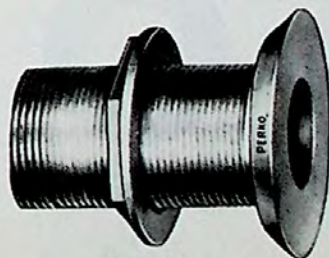


Fig. 331
Without Strainer

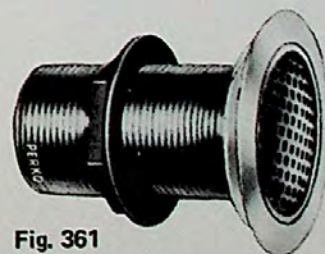


Fig. 361
With Strainer

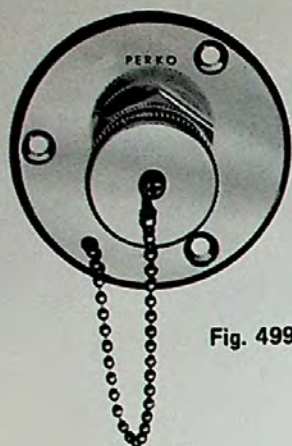
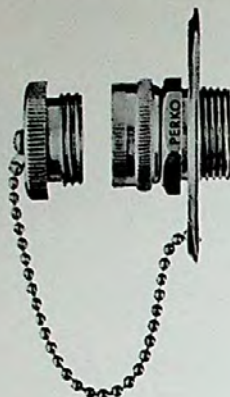


Fig. 499



FRESH WATER INLET FITTING – Fig. 499

Cast Bronze – Chromium Plated

For obtaining fresh water under pressure at dockside. For all types and sizes of vessels but particularly useful on houseboats.

External portion has a swivel hose connector, standard size, with watertight plug and stainless steel bead chain.

Internal portion has 1/2 inch female N.P. thread and 3/4 inch male N.P. thread.

Each	Diameter Flange Inches	Weight Ounces
	2-3/4	8

Spare Cap with Chain, Specify Fig. 499-99 A.

PIPE TO HOSE ADAPTER—Fig. 76

Cast Bronze

No.	Pipe Size Inches	Each	Hose Size Inches	Length Overall Inches	Weight Ounces
4	1/2		5/8	1-5/8	1-1/2
5	3/4		3/4	1-3/4	2-1/8
6	1		1	1-3/4	3-1/2
7	1-1/4		1-1/4	2	5-1/8
8	1-1/2		1-1/2	2-1/4	8-1/8
9	2		2	2-5/8	16



Fig. 76

EXHAUST FITTING—Fig. 755

Cast Bronze – With “No Stain” Collar – For Hose

The outside diameter of the neck is for 1-7/8 inch hose which fits over 1-1/2 inch pipe.

Plain Each	Chrome Plated Each	Length Overall Inches	Inside Diameter Inches	Diameter Flange Inches	Weight Pounds
		3-1/4	1-9/16	3-1/2	1-1/8



Fig. 755

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			1-7/8	3-1/4	1/8
2			2-13/32	4	1/3
2-1/2			2-29/32	4-1/2	1/2
3			3-17/32	5-1/2	3/4

Fig. 738 for Tubing

2			2-1/16	4	1/3
2-1/2			2-9/16	4-1/2	1/2
3			3-1/16	5	5/8
3-1/2			3-9/16	5-1/2	3/4
4			4-1/16	6	3/4
8			8-1/16	10-1/16	1-7/8



Fig. 214 for Pipe

Fig. 738 for Tubing

FLANGED NUTS—Fig. 75

Bronze – For Hull Connections

No.	Pipe Size Inches	Each	Standard Package	Weight Ounces
3	3/8		5	1
4	1/2		5	1-1/4
5	3/4		5	2
6	1		5	2-1/2
7	1-1/4		5	6
8	1-1/2		1	6
9	2		1	10
10	2-1/2		1	15



Fig. 75

Size Nos. 3 to 7 inc. are Pressure Cast. Balance are Sand Cast.

NAVY TYPE BILGE PUMP – Fig. 1016

2-3/4 Inch Brass Cylinder – Cast Bronze Fittings
Flax Packed Plunger – Weighted Valve

Capacity – 16 Strokes – 5 Gallons

Each	Extreme Length Inches	Inlet Pipe Thread Inches	Outlet Pipe Thread Inches	Weight Pounds
	24	1-1/4	1-1/2	8

SPARE PARTS

Plunger Assembly Consisting of Rod, Handle And Flax Packed Plunger Disc, Specify Fig. 108
Flax Packed Plunger Disc with Check Valve, Specify Fig. 151
Weighted Inlet Valve, Specify Fig. 147



BRASS BILGE PUMP – Fig. 200

Double Action

Heavy brass seamless tubing, cast bronze fittings, treated leather packing, hollow brass ball checks. "D" shaped handle. 5 feet of hose furnished with each pump.

No.	With Hose Each	Height Inches	Diam. Inches	Capacity Per Min. Gallons	Weight Pounds
1		17-5/8	1-1/8	5	2-1/4

Repair Kit Consisting of 3 Washers and Ball Check, Specify Fig. 207.



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	Length Overall Inches	Length Intake Hose Inches	Diam. Pump Inches	Weight Pounds
	17-1/2	12-1/2	1-1/8	2-1/2

Spare Intake Hose, Specify Fig. 146-99A.
Repair Kit Consisting of 3 Washers and Ball Check, Specify Fig. 207.



GALLEY AND LAVATORY PUMP – Fig. 467

Bronze – Chromium Plated

Inlet Valve Designed to Hold Prime, Pump has Leakproof Neoprene U-Cup Seals

Chromium Plated Each	Diam. Barrel Inches	Length Neck Inches	Threaded For Pipe Inches	Weight Pounds
	1-1/2	2-1/2	1/2	3-1/2

Spare Handle Only, Specify Fig. 467-99A.
Repair Kit, Consisting of Rubber Plunger, Seal, Valve, Washer and Spring. Specify Fig. 467-99B.



Fig. 1016



Fig. 200



Fig. 146



Fig. 467



Fig. 414

TRANSOM DRAIN PLUGS – Fig. 414
Brass – Expanding Plug with Safety Chain

No.	Complete Each	Diam. Tube Inches	Length Overall Inches	Length Tube Inches	Weight Ounces
1		1	2-1/2	2	4-1/2
2		1	3-1/4	2-3/4	5

Standard Package, 10 Pieces

Spare Plugs with Chain, Specify Fig. 414-99A.
 Spare Tubes, Specify Fig. 414-99B and Size.

Fig. 414 SP



SKIN PACK – Fig. 414-SP

Size No.1
 One Plug and Tube Per Card,
 Twelve Cards Per Box,
 Weight Per Box, 4 Pounds

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Fig. 263



Fig. 363



Fig. 266

GARBOARD DRAIN PLUGS – Figs. 263, 363 & 266
 Cast Bronze

Each	Pipe Size Inches	Diam. Flange Inches	Depth Inches	Weight Ounces
	3/4	2-5/8	5/8	11

Fig. 363

For plywood, fibreglass or metal hulls.

No.	Each	Pipe Size Inches	Diam. Flange Inches	Length Threaded Neck Inches	Max. Hull Thickness Inches	Weight Ounces
2		3/4	2-3/8	1	1/2	14
3		3/4	2-3/8	1-1/4	3/4	14-1/2
4		3/4	2-3/8	1-1/2	1	15

Standard Package, 5 Pieces

Spare Plugs, Specify Fig. 370.



Fig. 714 No. 1



Fig. 737 No. 1



Fig. 714 No. 2



Fig. 737 No. 2

GARBOARD DRAIN PLUGS – Figs. 714 & 737

Pressure Cast Silicon Bronze

Figs. 737 No. 1 and 737 No. 2 have extra brass flange and 3 F.H. machine screws, maximum space between flanges is 7/16 inches.

Fig.	No.	Each	Pipe Size Inches	Diam. Flange Inches	Depth Inches	Weight Ounces
714	1		1/2	2	5/8	3
714	2		1/2	2	5/8	4
737	1		1/2	2	5/8	6
737	2		1/2	2	5/8	7

Standard Package, 5 Pieces

Spare Plugs For Figs. 714 and 737

Specify Fig. 742 and Size.



Fig. 124

GARBOARD DRAIN PLUGS – Fig. 124

Cast Bronze – With Wrench

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
	1	3-1/8	1	10

Spare Wrench, Specify Fig. 124-99A.

Spare Plugs, Specify Fig. 124-99B.

Standard Package, 5 Pieces

SMALL BOAT DRAINER – Fig. 386

Threaded Type – Cast Bronze

Install in after end of boat and be sure that mouth is toward the stern. Made for hulls 3/8 inch or thicker but may be used with thinner hulls by cutting away necessary portion of neck. Depth of mouth below hull is 3/4 inch.

Each	Height Inside Boat Inches	Width Overall Inches	Weight Pounds
	2-3/4	2-1/2	1-1/4



Fig. 386

COCKPIT SCUPPER—Fig. 142

Cast Bronze – With Rubber Ball Back Water Check

Especially needed in sailboats when outlet is below the waterline. With key for removing cap.

Angle of outlet is 45 degrees.

No.	Plain Each	Chromium Plated Each	For Diam. Hose Inches	Diameter Flange Inches	Diameter Grate Inches	Weight Pounds
1			1	3-1/4	1-13/16	1-1/4
2			1-1/2	3-3/4	2-1/4	2

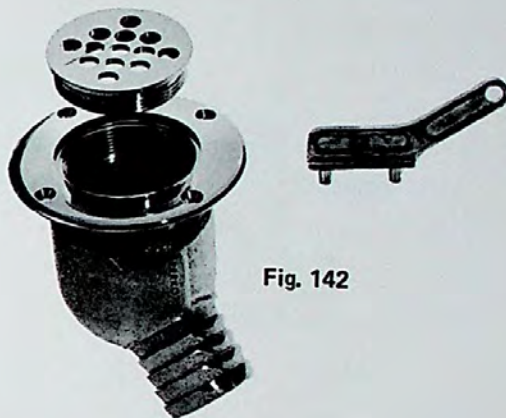


Fig. 142

Spare Caps, Specify Fig. 142-99A Size and Finish

Spare Ball Checks, Specify Fig. 142-99 B and Size

Spare Keys, See Fig. 1248 No. 8

JUNIOR STRAINER – Fig. 709

Cast Bronze – For 5/8 Inch Hose

Each	Length Overall Inches	Width Inches	Weight Ounces
	3-5/8	1-3/4	6



Fig. 709

Standard Package, 5 Pieces.

NAVY PUMP STRAINERS

Figs. 704, 705, 721 & 722

Cast Bronze

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



Fig. 704



Fig. 705



Fig. 721



Fig. 722

PERKO

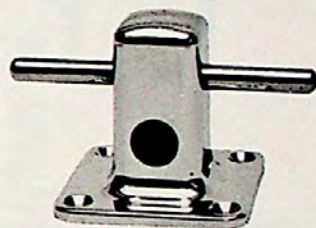
**deck
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cleats & chocks

**chromalex
deck fittings**

bow eyes

**transom handles
pulleys, etc.**



SECTION |

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Fig. 518
Fig. 1252

"SLIMLINE" CLEATS – Figs. 518 & 1252

Fig. 518 – Pressure Cast Silicon Bronze – Chromium Plated
Fig. 1252 – Die Cast Zinc Alloy – Chromium Plated

Length Inches	Base Dimensions Inches	For Diam. Rope Inches	For Screw	Standard Package	Weight Ounces
6-1/2	3 x 1-1/8	3/4	1/4"	5	7

Fig. 518 – Each
Fig. 1252 – Each



Fig. 527

"SLIMLINE" CLEAT WITH STUDS—Fig. 527

Pressure Cast Silicone Bronze – Chromium Plated

Studs are 1/4 - 20, complete with Nuts and Washers, Length below Cleat is 2".

Each	Length Inches	Base Dimensions Inches	For Diam. Rope Inches	Standard Package	Weight Ounces
	6-1/2	3x1-1/8	3/4	5	8



Fig. 566

STREAMLINE CLEATS – Fig. 566

Die Cast Zinc Alloy – Chromium Plated

Length Inches	Each	Size Base Inches	For Diam. Rope Inches	For Screw No.	Standard Package	Weight Ounces
2		2-3/16x1-1/8	5/16	6	10	1-1/2
3		3-1/8 x1-1/2	3/8	8	10	4-1/2
4-1/2		4-7/16x1-7/8	1/2	10	10	8-1/2
6		5-1/2 x2	3/4	12	5	13-1/2



Fig. 566 SP

SKIN PACK – Fig. 566-SP

Length Inches	Units Per Card	Cards Per Box	Weight Per Box Pounds
2	1 Pr.	12 Prs.	3-1/2
3	1 Pr.	12 Prs.	5-1/2
4-1/2	1 Pr.	6 Prs.	8-1/2
6	1 Ea.	12 Pcs.	13

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MODERN DESIGN CLEATS – Fig. 1250

Die Cast Zinc Alloy – Chromium Plated

Length Inches	Each	Size Base Inches	For Diam. Rope Inches	For Screw No.	Standard Package	Weight Ounces
6		2-1/4x2-1/8	3/4	10	5	10-1/2

YACHT CLEATS

Fig. 572 – Cast Bronze – Chromium Plated

Length Inches	Each	For Screw No.	Standard Package	Weight Pounds
4-1/2		10	10	1/2
5-1/2		10	10	5/8
6-1/2		12	10	3/4
*8		1/4"	5	1-1/4
*10		5/16"	1	2
*12		5/16"	1	3

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



Fig. 572 – Bronze
Fig. 1188 – Die Cast

Fig. 1188 – Die Cast Zinc Alloy – Chromium Plated

Length Inches	Each	Width Base Inches	For Screw No.	Standard Package	Weight Ounces
4		1-5/8	10	10	3-1/2
6		1-3/4	10	10	7-1/2
8		2	1/4"	5	12



SKIN PACK – Fig. 1188-SP

Length Inches	Units Per Card	Cards Per Box	Weight Per Box Pounds
4	1 Pr.	6 Prs.	5
6	1 Ea.	6 Pcs.	4



Fig. 1188-SP

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YACHT CLEATS WITH STUDS – Fig. 1210

Die Cast Zinc Alloy – Chromium Plated

Length Inches	Each	Width of Base Inches	Size Stud	Standard Package	Weight Ounces
4		1-5/8	12-24 x 2	10	4
6		1-3/4	1/4-20 x 2	10	8
8		2	1/4-20 x 2	5	12-1/2

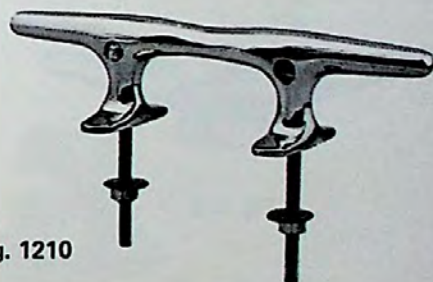


Fig. 1210

STURDY CLEATS – Figs. 1200 & 1204

Die Cast Zinc Alloy – Chromium Plated

Fig. 1200 – For Screws or Flat Head Bolts

Fig. 1204 – With Studs, Nuts and Washers

No.	Fig. 1200 Each	Fig. 1204 Each	Length Inches	Base Inches	For Rope Inches	Weight Ounces
1			2-3/8	7/8 x 1/2	3/8	1
2			3-1/2	1-3/16 x 11/16	1/2	3
3			5	1-7/16 x 1	5/8	6
4			6-1/2	1-3/4 x 1-3/16	3/4	9



Fig 1200

Fig. 1200 Size No. 1 – For Screw No. 8.

Fig. 1200 Sizes No. 3 and 4 – For Screw No. 10.

Fig. 1204 Size No. 2, Stud is 12/24 x 1-1/4.

Fig. 1204 Sizes No. 3 and 4, Stud is 1/4/20 x 1-1/4.



Fig. 1204

Standard Package, 10 Pieces.

O.E.M. Package - Fig. 1204 No. 3, 50 Pieces No. 4, 40 Pieces.

PERKINS MARINE LAMP & HARDWARE CORP.

BOAT CLEATS—Fig. 544

Cast Bronze — Polished or Chromium Plated



Fig. 544



Length Inches	Polished Bronze Each	Chrome Plated Each	Size Base Inches	For Screw No.	Standard Package	Weight Pounds
• 3			1-1/2x5/8	8	10	1/8
• 4			1-5/8x3/4	10	10	1/4
• 5			2 x7/8	1/4"	10	3/8
• 6			2-1/4x7/8	1/4"	5	1-5/8
8			2-5/8x1-1/8	1/4"	1	2
10			3-5/8x1-1/2	5/16"	1	

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



SKIN PACK — Fig. 544-SP

Length Overall 4" — Chromium Plated

One Cleat Per Card,

Six Cards Per Box,

Weight Per Box, 2½ Pounds.

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Fig. 544-SP



BOAT CLEATS — Fig. 545

Pressure Cast Aluminum — Plain Finish



Fig. 545



Length Inches	Each	Size Base Inches	For Screw No.	Standard Package	Weight Ounces
• 3		1-1/2x5/8	8	10	1-1/2
• 4		1-5/8x3/4	10	10	2
• 5		2 x7/8	1/4"	10	3
• 6		2-1/4x7/8	1/4"	10	4
8		2-5/8x1-1/8	1/4"	10	5
10		3-5/8x1-1/2	5/16"	5	9
12		4 x1-1/2	5/16"	5	14

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



SHIP'S CLEATS — Fig. 530

Cast Aluminum — Plain Finish



Fig. 530

Length Inches	Each	Size of Base Inches	Holes for Diam. Bolts Inches	Weight Pounds
8		4 x2-1/4	1/2	1-1/8
10		4-1/2x3	1/2	1-3/4
12		6-1/2x2-7/8	5/8	3-1/2
15		7 x3-1/4	3/4	4-7/8

MOORING BITTS— Figs. 608 & 1219

Fig. 608 is Cast Bronze, Chromium Plated
Fig. 1219 is Die Cast Zinc Alloy, Chromium Plated

No.	Fig. 608 Each	Fig. 1219 Each	Size Base Inches	Height Inches	For Bolt Size	Weight Pounds
1			3 x3	2-1/2	10	7/8
2			4-1/4x4-1/4	3-1/2	1/4"	1-7/8
2-1/2			5 x5	4-3/4	3/8"	3-1/2
3			6 x6	5	3/8"	4-1/2
4			7 x7	6-1/2	1/2"	12



COMBINATION BITT AND ROPE DECK PIPES—

Figs. 431 & 1237

Same as Above. Hollow Body is Drilled to Allow Passage of Line Below Deck.

No.	Fig. 431 Each	Fig. 1237 Each	For Diam. Rope Inches	Weight Pounds
2			3/4	1-3/4
2-1/2			1	3-1/4
3			1	4
4			1-1/4	12



ROPE AND CHAIN DECK PIPE—Fig. 750

For Lightweight Anchors Using Chain —
Cast Bronze — Chromium Plated

When lightweight anchors are used a short length of chain is generally shackled to the rope line.

This deck pipe will accommodate 3/4 inch line on a thimble, the shackle and 1/4 inch chain. It has a hook for hanging the chain, the weight of which holds the cover down.

Each	Dimensions of Flange Inches	Dimensions Inside Inches	Height Inches	Weight Pounds
	5-1/4x4	3-3/4x2-1/2	1-3/8	2

Spare Cover With Hook and Chain, Fig. 750-99 A.



ROPE DECK PIPE—Fig. 757

Die Cast Zinc Alloy — Chromium Plated
With Hinged Cover

Each	For Diam. Rope Inches	Inside Diameter Inches	Diameter Flange Inches	Weight Pounds
	1	1-3/4	3-3/8	1/2



ROPE DECK PIPES—Fig. 741

Chromium Plated

Size No. 1 is Pressure Cast Silicon Bronze

Size No. 2 is Cast Bronze

No.	Each	For Diam. Rope Inches	Inside Diam. Inches	Diam. Flange Inches	For Screw No.	Weight Pounds
0		5/8	1-1/4	3	8	3/4
1		3/4 & 1	1-5/8	4-1/4	8	1-5/8

Spare caps with Chain, Fig. 741-0-99A; Fig. 741-1-99A.



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
		4-1/4x6-1/4	2-1/16x4	1-1/16	1-1/4

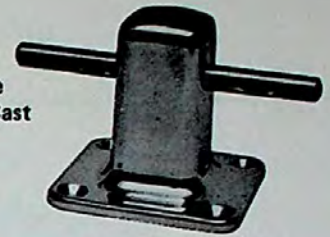


Fig. 608 Bronze
Fig. 1219 Die Cast

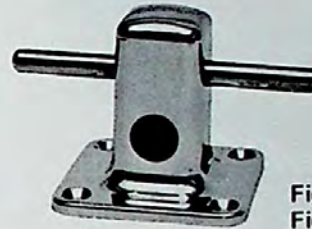


Fig. 431 — Bronze
Fig. 1237 — Die Cast



Fig. 750



Fig. 757



Fig. 741



Fig. 752

PERKINS MARINE LAMP & HARDWARE CORP.

“CHROMALEX MARK I” DECK FITTINGS

DIE CAST ZINC ALLOY BODIES – POLISHED CHROMIUM PLATED
BLACK BASES OF TOUGH HIGH IMPACT PLASTIC

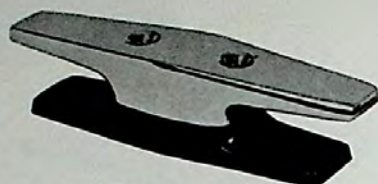


Fig. 1305

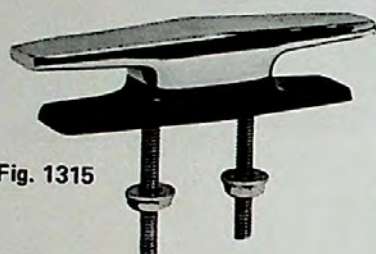


Fig. 1315



Fig. 1305-SP



Fig. 1306

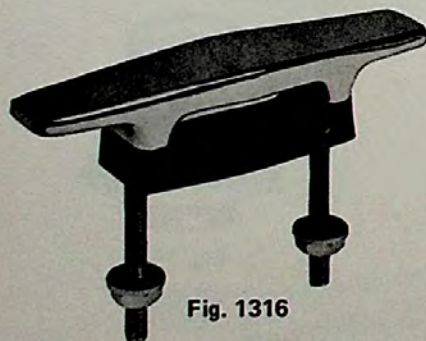


Fig. 1316



Fig. 1306-SP

CLOSED BASE CLEATS—Figs. 1305 & 1315

Fig. 1305 For Screws or Bolts

Fig. 1315 With Studs, Nuts and Washers

No.	Fig. 1305 Each	Fig. 1315 Each	Length Overall Inches	Base Inches	For Diam. Rope Inches	Weight Ounces
1			4-1/2	3-3/4x1-1/16	3/8	5-1/2
2			6	5 x1-3/8	1/2	11

O.E.M. Package, Fig. 1315 No. 2, 40 pieces. Balance, 50 Pieces.

Fig. 1305 No. 1 for No. 10 Screws.

Fig. 1305 No. 2 for 1/4" Screws.

Fig. 1316 No. 1 Stud is 12-24" x 1-1/2" below base.

Fig. 1315 No. 2 Stud is 1/4" x 1-1/2" below base.

SKIN PACK – Fig. 1305-SP

No.	Per Pair	Length Inches	Units Per Card	Card Per Box	Weight Per Box Pounds
No. 1		4-1/2	1 Pr.	6 Pr.	4
No. 2		6	1 Ea.	6 Ea.	4

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OPEN BASE CLEATS—Figs. 1306 & 1316

Fig. 1306 For Screws or Bolts

Fig. 1316 With Studs, Nuts and Washers

No.	Fig. 1306 Each	Fig. 1316 Each	Length Overall Inches	Base Inches	For Diam. Rope Inches	Weight Ounces
1			4-1/2	2-1/2x1-1/16	3/8	5
2			6	3-1/4x1-3/8	1/2	10-1/2

O.E.M. Package, Fig. 1316 No. 2, 40 pieces. Balance, 50 Pieces.

Fig. 1306 No. 1 for No. 10 Screws

Fig. 1306 No. 2 for 1/4" Screws.

Fig. 1316 No.1 Stud is 12-24" x 1-1/2" below base.

Fig. 1316 No. 2 Stud is 1/4" x 1-1/2" below base.

SKIN PACK – Fig. 1306-SP

No.	Per Pair	Length Inches	Units Per Card	Cards Per Box	Weight Per Box Pounds
No. 1		4-1/2	1 Pr.	6 Pr.	4
No. 2		6	1 Ea.	6 Ea.	4

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NEW

®"CHROMALEX MARK II" DECK FITTINGS

DIE CAST ZINC ALLOY BODIES – CHROMIUM PLATED
BLACK PLASTIC BASES AND TOP INSERTS FOR ACCENT

AVAILABLE IN A CHOICE OF TWO PERKOPLATE FINISHES
POLISHED CHROMIUM FINISH OR OUR NEW SATIN CHROMIUM FINISH,
FOR THE NEW NON-GLARE EFFECT.

CLOSED BASE CLEATS

For Screws or Bolts.

Fig. 1405 Polished Chromium

Fig. 7-1405 Satin Chromium

No.	Length Overall Inches	Base Inches	For Rope Inches	For Screw No.	Weight Ounces
1	4-1/2	3-3/4x1-1/16	3/8	10	5-1/2
2	6	5 x1-3/8	1/2	1/4"	11

O.E.M. Package, 50 Pieces.



Fig. 1405 Polished Chrome
Fig. 7-1405 Satin Chrome

CLOSED BASE CLEATS

With Studs, Nuts and Washers.

Fig. 1415 Polished Chromium

Fig. 7-1415 Satin Chromium

No.	Length Overall Inches	Base Inches	For Rope Inches	Stud Size	Weight Ounces
1	4-1/2	3-3/4x1-1/16	3/8	12-24x1-1/2	5-1/2
2	6	5 x1-3/8	1/2	1/4-20x1-1/2	11

O.E.M. Package, Size No. 1 - 50 Pieces, Size No. 2 - 40 Pieces.

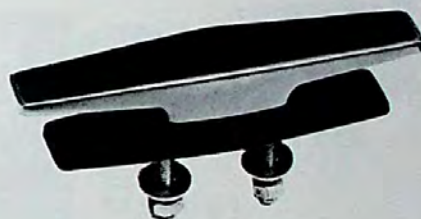


Fig. 1415 Polished Chrome
Fig. 7-1415 Satin Chrome

OPEN BASE CLEATS

For Screws or Bolts.

Fig. 1406 Polished Chromium

Fig. 7-1406 Satin Chromium

No.	Length Overall Inches	Base Inches	For Rope Inches	For Screw No.	Weight Ounces
1	4-1/2	2-1/2x1-1/16	3/8	10	5
2	6	3-1/4x1-3/8	1/2	1/4"	10-1/2

O.E.M. Package, 50 Pieces



Fig. 1406 Polished Chrome
Fig. 7-1406 Satin Chrome

OPEN BASE CLEATS

With Studs, Nuts and Washers.

Fig. 1416 Polished Chromium

Fig. 7-1416 Satin Chromium

No.	Length Overall Inches	Base Inches	For Rope Inches	Stud Size	Weight Ounces
1	4-1/2	2-1/2x1-1/16	3/8	12-24x1-1/2	5
2	6	3-1/4x1-3/8	1/2	1/4-20x1-1/2	10-1/2

O.E.M. Package, Size No. 1 - 50 Pieces, Size No. 2 - 40 Pieces.



Fig. 1416 Polished Chrome
Fig. 7-1416 Satin Chrome

PERKINS MARINE LAMP & HARDWARE CORP.

®"CHROMALEX MARK I" DECK FITTINGS

DIE CAST ZINC ALLOY BODIES – POLISHED CHROMIUM PLATED
BLACK BASES OF TOUGH HIGH IMPACT PLASTIC



Fig. 1307



Fig. 1317



Fig. 1307 SP



Fig. 1308



Fig. 1318



Fig. 1308 SP

SKENE TYPE CHOCKS—Figs. 1307 & 1317

Fig. 1307 For Screws or Bolts

Fig. 1317 With Studs, Nuts and Washers

No.	Fig. 1307 Per Pair	Fig. 1317 Per Pair	Length Overall Inches	Width Base Inches	For Diam. Rope Inches	Weight Per Pair Ounces
1			3-1/2	7/8	3/8	5
2			5	1-1/4	1/2	12

O.E.M. Package, Fig. 1307 No. 1, 50 pairs. Balance, 25 pairs.

Fig. 1307 No. 1 for No. 10 Screws.

Fig. 1307 No. 2 for 1/4" Screws.

Fig. 1317 No. 1 Stud is 12-24"x 1-3/4" below base.

Fig. 1317 No. 2 Stud is 1/4"x 1-3/4" below base.

SKIN PACK — Fig. 1307-SP

No.	Per Pair	Length Overall Inches	Units Per Card	Cards Per Box	Weight Per Box Pounds
1		3-1/2	1 Pr.	12 Pr.	3-1/2
2		5	1 Pr.	6 Pr.	4

Sold To Trade In Full Box Only.

STRAIGHT TYPE CHOCKS—Figs. 1308 & 1318

Fig. 1308 For Screws or Bolts

Fig. 1318 With Studs, Nuts and Washers

No.	Fig. 1308 Per Pair	Fig. 1318 Per Pair	Length Overall Inches	Width Base Inches	For Diam. Rope Inches	Weight Per Pair Ounces
1			3-1/2	7/8	3/8	5
2			5	1-1/4	1/2	12

O.E.M. Package, Fig. 1308 No. 1, 50 Pairs.
Balance, 25 Pairs.

Fig. 1308 No. 1 for No. 10 Screws.

Fig. 1308 No. 2 for 1/4" Screws.

Fig. 1318 No. 1 Stud is 12-24"x 1-3/4" below base.

Fig. 1318 No. 2 Stud is 1/4"x 1-3/4" below base.

SKIN PACK — Fig. 1308-SP

No.	Per Pair	Length Overall Inches	Units Per Card	Cards Per Box	Weight Per Box Pounds
1		3-1/2	1 Pr.	12 Pr.	3-1/2
2		5	1 Pr.	6 Pr.	4

Sold To Trade In Full Box Only

NEW

®"CHROMALEX MARK II" DECK FITTINGS

**DIE CAST ZINC ALLOY BODIES – CHROMIUM PLATED
BLACK PLASTIC BASES AND TOP INSERTS FOR ACCENT**

**AVAILABLE IN A CHOICE OF TWO PERKOPLATE FINISHES
POLISHED CHROMIUM FINISH OR OUR NEW SATIN CHROMIUM FINISH,
FOR THE NEW NON-GLARE EFFECT.**

SKENE TYPE CHOCKS

For Screws or Bolts.

Fig. 1407 Polished Chromium

Fig. 7-1407 Satin Chromium

No.	Length Overall Inches	Width Base Inches	For Rope Inches	For Screw No.	Weight Per Pair Ounces
1	3-1/2	7/8	3/8	10	5
2	5	1-1/4	1/2	1/4"	12

O.E.M. Package, 50 Pair.



Fig. 1407 Polished Chrome
Fig. 7-1407 Satin Chrome

SKENE TYPE CHOCKS

With Studs, Nuts and Washers.

Fig. 1417 Polished Chromium

Fig. 7-1417 Satin Chromium

No.	Length Overall Inches	Width Base Inches	For Rope Inches	Stud Size	Weight Per Pair Ounces
1	3-1/2	7/8	3/8	12-24x1-3/4	5
2	5	1-1/4	1/2	1/4-20x1-3/4	12

O.E.M. Package, Size No. 1 - 50 Pair, Size No. 2 - 25 Pair.



Fig. 1417 Polished Chrome
Fig. 7-1417 Satin Chrome

STRAIGHT TYPE CHOCKS

For Screws or Bolts.

Fig. 1408 Polished Chromium

Fig. 7-1408 Satin Chromium

No.	Length Overall Inches	Width Base Inches	For Rope Inches	For Screw No.	Weight Per Pair Ounces
1	3-1/2	7/8	3/8	10	5
2	5	1-1/4	1/2	1/4"	12

O.E. M. Package, 50 Pair.



Fig. 1408 Polished Chrome
Fig. 7-1408 Satin Chrome

STRAIGHT TYPE CHOCKS

With Studs, Nuts and Washers.

Fig. 1418 Polished Chromium

Fig. 7-1418 Satin Chromium

No.	Length Overall Inches	Width Base Inches	For Rope Inches	Stud Size	Weight Per Pair Ounces
1	3-1/2	7/8	3/8	12-24x1-3/4	5
2	5	1-1/4	1/2	1/4-20x1-3/4	12

O.E.M. Package, Size No. 1 - 50 Pair, Size No. 2 - 25 Pair.



Fig. 1418 Polished Chrome
Fig. 7-1418 Satin Chrome



Fig. 1223

Fig. 1223-SP

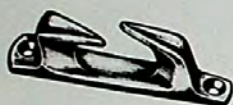


Fig. 1253

Fig. 1253-SP



Fig. 1257



Fig. 546

Fig. 546-SP



SKENE BOW CHOCKS—Fig. 1223

Die Cast Zinc Alloy — Chromium Plated

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

Standard Package, 10 Pairs.

SKIN PACK — Fig. 1223-SP

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 4½ Pounds.

Sold To Trade In Full Box Only.

MODERN DESIGN BOW CHOCKS — Fig. 1253

Die Cast Zinc Alloy — Chromium Plated

Per Pair	Length Overall Inches	Width Inches	For Diam. Rope Inches	For Screw No.	Weight Per Pair Ounces
	4	15/16	1/2	10	7

Standard Package, 10 Pairs.

SKIN PACK — Fig. 1253-SP

One Pair Per Card.

Six Cards Per Box.

Weight Per Box, 3½ Pounds.

Sold To Trade In Full Box Only.

MODERN DESIGN BOW CHOCKS WITH STUDS—Fig. 1257

Die Cast Zinc Alloy — Chromium Plated

Studs are 12/24 x 1-5/8" long — with nuts and washers

Per Pair	Length Overall Inches	Width Inches	For Diam. Rope Inches	For Screw No.	Weight Per Pair Ounces
	4	15/16	1/2	8	9

Standard Package, 10 Pairs.

O.E.M. Package, 40 Pairs.

BOW CHOCKS—Fig. 546

Cast Bronze — Chromium Plated

Lgth. Inches	Per Pair	Width Inches	For Diam. Rope Inches	For Screw No.	Standard Package	Wt. Per Pair Lbs.
3		5/8	3/8	8	5 Pr.	1/4
4		3/4	5/8	10	5 Pr.	1/2
5		7/8	7/8	10	5 Pr.	1
6	1	1	1	14	1 Pr.	1-1/2
8		1-1/4	1-1/8	14	1 Pr.	3

SKIN PACK — Fig. 546-SP

Length Inches 4 — Chromium Plated

One Pair Per Card.

Six Cards Per Box.

Weight Per Box, 4 Pounds.

Sold To Trade In Full Box Only.

SKENE BOW CHOCKS—Fig. 160

Cast Bronze — Chromium Plated

Size No.	Per Pair	Length Inches	Width Inches	For Diam. Rope Inches	Standard Package	Weight Per Pair Pounds
1		4-1/2	3/4	5/8	5 Pr.	3/4
2		5-1/8	1-1/8	3/4	5 Pr.	1-1/2
3		7-1/4	1-3/8	7/8	1 Pr.	4



Fig. 160

SKENE STERN CHOCKS—Fig. 161

Cast Bronze — Chromium Plated

Size No.	Each	Length Inches	Width Inches	For Diam. Rope Inches	Standard Package	Weight Each Pounds
11		4	7/8	5/8	5	1/2
12		5-3/4	1-1/4	3/4	5	1
13		7	1-5/8	7/8	1	2



Fig. 161

STRAIGHT STERN CHOCKS—Fig. 119

Cast Bronze — Chromium Plated

Length Inches	Each	Width Inches	For Diam. Rope Inches	For Screw No.	Standard Package	Wt. Each Lbs.
4		7/8	3/4	8	5	1/4
5		1	7/8	10	5	1/2
6		1-1/8	1	12	1	3/4
8		1-5/8	1-1/8	14	1	1-1/2



Fig. 119

SKIN PACK — Fig. 119-SP

Length Inches 4 — Chromium Plated

One Per Card.

Six Cards Per Box.

Weight Per Box, 2½ Pounds.

Sold To Trade In Full Box Only.



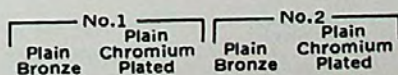
Fig. 119-SP

ANCHOR CHOCKS—Fig. 933

Cast Bronze

Consists of four parts illustrated. Head of shank is held fast by slotted casting and thumb screw.

Figure



933 — Complete, per set

933-99A — Shank support only, ea.

933-99B — Fluke supports only, pair

933-99C — Crown support only, ea.

Be Sure To Specify Size

Weight per set, 2 pounds.

No. 2 size for anchors 30 lbs. and larger.

Standard package, No. 1 - 5 sets, No. 2 - 1 set.

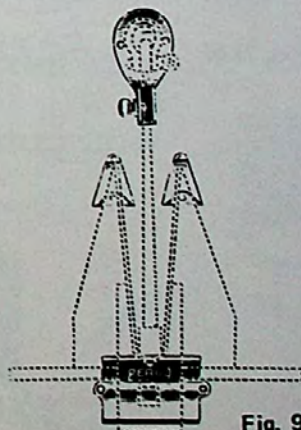


Fig. 933

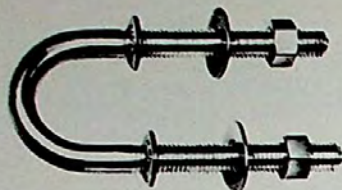


Fig. 237

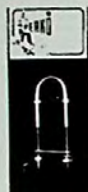


Fig. 237-SP

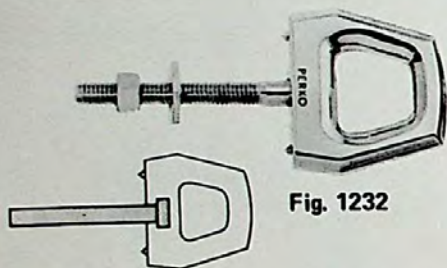


Fig. 1232



Fig. 1232-SP

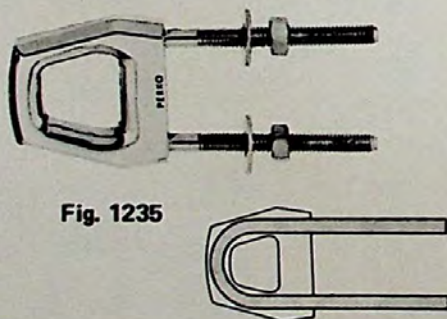


Fig. 1235



Fig. 1235-SP

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		3	5/16	3	1	4
2		6	5/16	4-5/8	1	5-1/2
3		3	3/8	3	1-1/8	5
4		3	1/2	3-3/8	1-1/2	12

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

SKIN PACK — Fig. 237-SP

Length Shank 3 Inches

One Per Card.

Six Cards Per Box.

Weight Per Box, 2 Pounds.

Sold to Trade In Full Box Only.

BOW EYES—Fig. 1232**Die Cast Zinc Alloy — Chromium Plated — Forged Steel Shank, Nut and Washer.**

Eye is die cast around the square head of shank.

Each	Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Eye Inside Inches	Standard Package	Weight Ounces
	3	2-1/2	3/8	1	10	10

O.E.M. Package, 50.

SKIN PACK — Fig. 1232-SP

One Per Card.

Six Cards Per Box.

Weight Per Box, 4 Pounds.

Sold To Trade In Full Box Only.

BOW EYES—Fig. 1235**Die Cast Zinc Alloy — Chromium Plated — Forged Steel Shanks, Nut and Washer — Shanks Are One Continuous "U" Bolt Cast Inside Eye.**

Each	Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Inside Eye Inches	Standard Package	Weight Ounces
	3	2-3/4	5/16	1	10	11

O.E.M. Package, 50.

SKIN PACK — Fig. 1235-SP

One Per Card.

Six Cards Per Box.

Weight Per Box, 4 1/4 Pounds.

Sold To Trade In Full Box Only.

NOTE: THE ABOVE BOW EYES ARE NOT DESIGNED TO BEAR THE WEIGHT OF THE VESSEL AND THEREFORE SHOULD NOT BE USED FOR LIFTING.

TRANSOM EYES—Fig. 236

18-8 Stainless Steel — Polished

For use as towing or lashing eye, has heavy gauge stainless steel finishing plate, stainless steel nuts and washers.

No.	Each	Diameter Metal Inches	Length Shank Inches	Inside Eye Inches	Dimensions Plate Inches	Weight Ounces
1		5/16	3	1	3 x 1-3/4	6
3		3/8	3	1-1/8	3 x 1-3/4	10
4		1/2	3-1/2	1-1/2	4 x 1-3/4	14-1/2

Standard Package, No. 1 — 10 Pieces. Balance 5 Pieces.



WATER SKI TOWING HOOK—Fig. 863

For Mounting Through Transom — Die Cast Zinc Alloy Hook — Steel Bolt — All Chromium Plated.

Designed for both strength and looks. 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	Standard Package	Weight Ounces
	6	5/16	3-1/4	2-1/2	5	10



SKIN PACK — Fig. 863-SP

One Per Card.

Six Cards Per Box.

Weight Per Box, 3 3/4 Pounds.

Sold To Trade In Full Box Only.



PAD OR LASHING EYES—Fig. 423

Cast Manganese Bronze — Chromium Plated

No.	Each	Size Plate Inches	Size Eye Inches	Size Bolt Inches	Weight Ounces
1		4x2-1/2	1	1/4	8
2		5x3-1/8	1-1/2x1	5/16	14-1/2

Standard Package, 5 Pieces.



RINGS — Fig. 417

Polished Brass

No.	Inside Diam. Inches	Thick-ness Inches	Each	No.	Inside Diam. Inches	Thick-ness Inches	Each
1	1/2	1/8		4	1-1/4	3/16	
2	3/4	1/8		5	1-1/2	7/32	
3	1	3/16		6	1-3/4	1/4	
				7	2	1/4	

Standard Package 10

Standard Package 5



RING ON PLATE—Fig. 607

Galvanized Drop Forged Steel

No.	Each	Size Ring Inches	Size Plate Inches	Standard Package	Weight Per 100 Pounds
1		5/16x1-1/2	2-1/8x2-1/8x1/4	5	33
2		3/8 x2	2-1/8x2-1/8x1/4	5	50



RINGS WITH STRAPS—Fig. 1020

Cast Bronze

Plain Bronze Each	Chromium Plated Each	Size Strap Inches	For Screw No.	Standard Package	Weight Ounces
		4-1/8x3/4	8	5	4-1/2

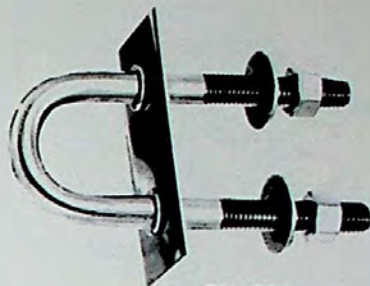


Fig. 236

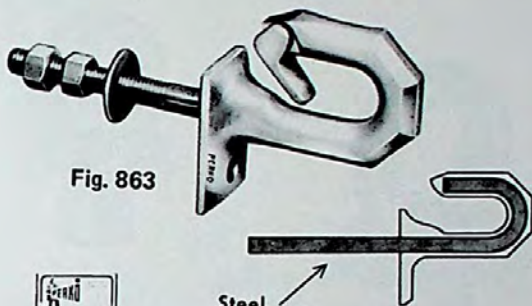


Fig. 863



Fig. 863-SP



Fig. 423



Fig. 417



Fig. 607



Fig. 1020



Fig. 434

LIFTING EYE AND CLEAT—Fig. 434

Cast Manganese Bronze – Chromium Plated
For 5/8 Inch Rod

Each	I.D. Eye Inches	Length Cleat Inches	Dimensions Base Inches	Weight Ounces
	1-1/16	5-1/2	3x2-1/2	18



Fig. 430
LOOSE FLANGE



Fig. 429
INTEGRAL FLANGE

HEAVY DUTY LIFTING EYES—Figs. 429 & 430

Cast Manganese Bronze – Chromium Plated

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

Fig.	Each	For Rod Inches	I.D. Eye Inches	O.D. Eye Inches	Weight Ounces
429		5/8	1-1/2	2-1/4	19
430		5/8	1-1/2	2-1/4	17

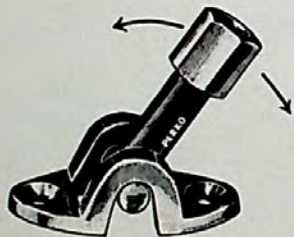


Fig. 447

HEAVY DUTY**ANGULAR KEEL PLATES—Fig. 447**

Cast Manganese Bronze – Plain – For 5/8 Inch Rod

Each	Dimensions Base Inches	For Diam. Bolt Inches	Standard Package	Weight Ounces
	3-7/8x1-1/2	1/4	5	15

Spare "Tee" Fitting, Fig. 447-99A



Fig. 486

COMBINATION KEEL PLATE & BOW EYE—Fig. 486

STAINLESS STEEL PLATE AND BOW EYE
MANGANESE BRONZE CONNECTING ROD—TAPPED 5/8"

Keel Plate is 5-1/2" long, 1-1/2" wide.

No.	Each	Diameter Bow Eye Inches	Length Shank Inches	Length Thread Inches	Weight Pounds
1		5/16	3	3	1-1/4
3		3/8	3	3	1-3/8
4		1/2	3-1/4	3-1/4	1-3/4



Fig. 1234

BOW HANDLE—Fig. 1234

Die Cast Zinc Alloy – Chromium Plated

Chromium Plated Each	Length Overall Inches	Height Above Deck Inches	For Screw No.	Standard Package	Weight Ounces
	6-1/2	2	8	10	5-1/2

@CHROMALEX TRANSOM HANDLES – Figs. 1336 & 1346

Die Cast Zinc Alloy – Chromium Plated Tops
Black Plastic Bases.

Fig. 1336 for 1/4" Screws

Fig. 1346 with Studs, Nuts and Washers

Fig. 1336 Each	Fig. 1346 Each	Length Overall Inches	Length Inside Inches	Width Overall Inches	Stud Size	Weight Ounces
		6-1/4	3-1/2	1-1/4	1/4-20x1-1/2	10



Fig. 1336



Fig. 1346



Fig. 1336-SP

SKIN PACK – Fig. 1336-SP

One Pair Per Card.

Six Cards Per Box.

Weight Per Box, 7 Pounds.

Sold To Trade In Full Box Only.

TRANSOM HANDLE—Fig. 1229

Die Cast Zinc Alloy – Chromium Plated

Chromium Plated Each	Length Overall Inches	Length Inside Inches	For Screw No.	Standard Package	Weight Ounces
	5-1/4	3-1/2	6	10	2-1/4



Fig. 1229

ROUND GRIP TRANSOM HANDLE—Fig. 1231

Die Cast Zinc Alloy – 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.	Standard Package	Weight Ounces
	6	3-1/2	1-5/16	1/4"	10	7-1/4

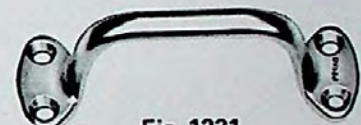


Fig. 1231

SKIN PACK – Fig. 1231-SP

One Pair Per Card.

Six Cards Per Box.

Weight Per Box, 6 3/4 Pounds.

Sold To Trade In Full Box Only.



Fig. 1231-SP

TRANSOM HANDLES—Figs. 775 & 1222

Pressure Cast Silicon Bronze Or Die Cast Zinc Alloy

Fig.	No.	Chrome Plated Each	Length Overall Inches	Length Inside Inches	For Screw No.	Wt. Ozs.
775	1		4-1/4	2-5/8	6	2
775	2		5-3/4	3-3/4	8	4
1222			5-3/4	3-3/4	8	3-1/2

Standard Package, 10 Pieces Each Size.



Fig. 775 – Bronze
Fig. 1222 – Die Cast

SKIN PACK – Fig. 775-SP

Length Overall 5 1/2 Inches.

One Pair Per Card.

Six Cards Per Box.

Weight Per Box, 4 Pounds.

Sold To Trade In Full Box Only.



Fig. 775-SP



Fig. 1325 Polished Chrome
Fig. 7-1325 Satin Chrome



Fig. 1325-SP

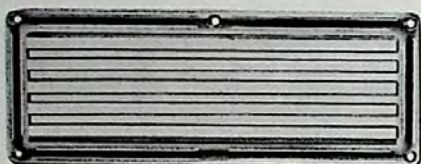


Fig. 1225

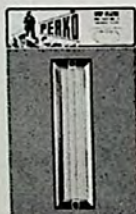


Fig. 1225-SP

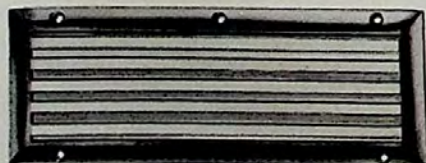


Fig. 1043



Fig. 1050-B – Black
Fig. 1050-W – White

®“CHROMALEX” STEP PLATES

Die Cast Zinc Alloy Frames – Chromium Plated
Molded Black Plastic Non-Skid Pads

Fig. 1325 Polished Chromium
Fig. 7-1325 Satin Chromium

No.	Each	Overall Dimensions Inches	For Screw No.	Standard Package	Weight Ounces
0		8-3/8x2-1/4	8	10	5
1		8-3/4x3-1/4	8	10	8

SKIN PACK – Fig. 1325-SP

No.	Per Pair	Dimensions Overall Inches	Units Per Card	Cards Per Box	Weight Per Box Pounds
0		8-3/8x2-1/4	1 Pr.	6	6
1		8-3/8x3-1/4	1 Pr.	6	9-1/2

Sold To Trade In Full Box Only

STEP PLATES—Fig. 1225

Die Cast Zinc Alloy Frames – Chromium Plated
Molded White Plastic Non-Skid Pads

No.	Complete Each	Dimensions Overall Inches	For Screw No.	Standard Package	Weight Ounces
0		8-3/8x2-1/4	8	10	5
1		8-3/4x3-1/4	8	10	8
2		11-1/2x5-3/4	8	10	12

SKIN PACK – Fig. 1225-SP

No.	Per Pair	Dimensions Overall Inches	Units Per Card	Cards Per Box	Weight Per Box Pounds
0		8-3/8x2-1/4	1 Pr.	6	6
1		8-3/4x3-1/4	1 Pr.	6	9-1/2

STEP PLATES—Fig. 1043

Cast Bronze Frames – Chromium Plated
Molded White Plastic Non-Skid Pads

No.	Complete Each	Overall Dimensions Inches	For Screw No.	Standard Package	Weight Pounds
0		8 x2-1/4	4	6	1/2
1		8-3/4x3-1/4	6	6	3/4
2		11-1/2x5-3/4	8	6	1-3/4

STEP PADS ONLY

Molded Plastic, Non-Skid Design

Fig. 1050-B Black

Fig. 1050-W White

Without Frames – For Figs. 1043, 1225 & 1325.

Fig. 1050-B No.	Fig. 1050-W No.	Overall Dimensions Inches	Standard Package	Weight Ounces
0	0	7-3/8x1-1/2	5	1
1	1	7-7/8x2-1/2	5	2
	2	10-5/8x4-3/4	5	4

LADDER HOOKS—Fig. 717

For Folding Boarding Ladders
Cast Bronze – Chromium Plated

A Inches	B Inches	C Inches	Length Curved Arm Inches	Size Plate Inches	Weight Per Set Pounds
6-1/8	4	2-1/2	7	2-1/2x3-1/4	2-1/2

Fig. 717 Complete, Per Set.
Fig. 717-99A Spare Plates, Per Pair.
Fig. 717-99B Spare Arms, Per Pair.

A Set Consists of Four Pieces Illustrated.

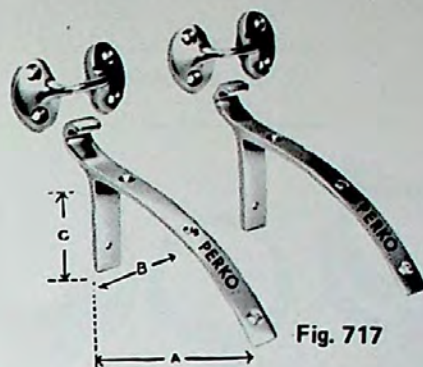


Fig. 717

LADDER LOCKS—Fig. 669

For Companionway or Upper Berth – Pressure Cast Silicon
Bronze – Chromium Plated

Height Inches	Length Socket Inches	Length Bracket Inches	Weight Per Set Ounces
1-1/4	1	1-3/4	12

Fig. 669 Complete, Per Set.
Fig. 669-99A Spare Sockets, Per Pair.

A Set Consists of Four Pieces Illustrated.
Standard Package, 5 Sets.



Fig. 669

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.

Mounting Holes for 5/16 Inch Bolt.

Plain Bronze Each	Chromium Plated Each	Size Step Inches	Size Base Inches	Extends Folded Inches	Weight Pounds
		4x2	4-1/4x1-3/4	7/8	1-1/8

Spare Stainless Steel Springs, Fig. 344-99A.

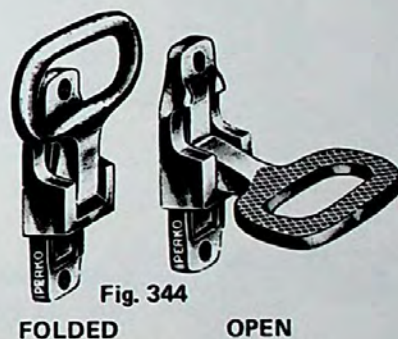


Fig. 344

FOLDED

OPEN

BOARDING STEP—Fig. 351

Cast Bronze

Designed for mounting on transom, permitting easy access to
or from the water or for mounting on bulkhead for climbing to
the flying bridge.

All high spots are polished.

Plain Bronze Each	Chromium Plated Each	Dimensions Of Step Inches	Dimensions Mounting Bracket Inches	Weight Pounds
		6x4-1/4	6x2	1-5/8



Fig. 351

BOARDING STEP—Fig. 501

Cast Bronze

Plain Bronze Each	Chromium Plated Each	Dimensions Of Step Inches	Dimensions Mounting Bracket Inches	Weight Pounds
		11x4-1/2	11x2	2-7/8



Fig. 501

BRONZE ROWLOCK HORNS AND SOCKETS CAST BRONZE – BURNISHED

HORNS ONLY

Straight Shanks

Figs. – 828, 829 & 830

Fig.	Size No.	Between Horns Inches	Inside Diam. Inches	Diam. Shank Inches	Length Shank Inches	Weight Per Pair Ounces
828		2	—	1/2	2-1/8	13
829	0	—	2	1/2	2-1/8	14
829	1	—	2-1/4	1/2	2-1/8	16
830		2-1/8	—	1/2	2-1/8	13

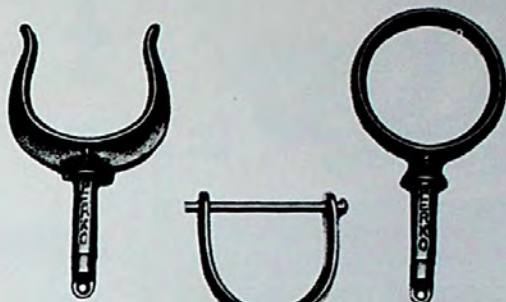


Fig. 828

Fig. 829

Fig. 830

Standard Package, 10 Pair.

Spare Pins, Specify Fig. 830-99A, Standard Package, 10.

SOCKETS ONLY

For Straight Shanks Above

Fig.	Length Inches	Width Inches	Depth Inches	For Screw No.	Weight Per Pair Ounces
831	2-3/8	7/8	1	10	4
832	3-5/8	—	1-3/8	10	7
833	4	3/4	1-1/4	10	8

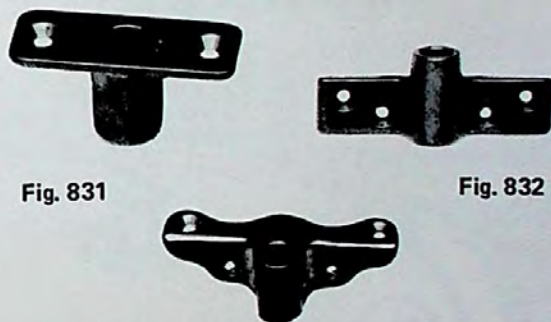


Fig. 831

Fig. 832

Fig. 833

Standard Package, 10 Pair.

TRANSOM PLATES—Fig. 1224

Die Cast Zinc Alloy – Chromium Plated

For outboard motor brackets, saves wear and tear on transom and helps to prevent loss of motor.

No.	Per Pair	Length Overall Inches	Inside Diameter Inches	Weight Per Pair Ounces	Standard Package
1		3-1/2	1-7/8	2-3/4	10 Pr.
2		3-1/2	2-1/16	3	10 Pr.



Fig. 1224

SKIN PACK – Fig. 1224-SP

Size No.1 Only.

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 3 3/4 Pounds.

Sold To Trade In Full Box Only.



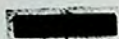
Fig. 1224-SP



Fig. 1337

Fig. 1338
For ScrewFig.
1347Fig. 1348
With Studs

Fig. 1339



End View

"CHROMALEX" GRAB RAILS

Die Cast Zinc Alloy – Chromium Plated

Black Plastic Base

Anodized Aluminum Tubing

Figs. 1337 and 1338 are for 1/4" Screws or Bolts.

Figs. 1347 and 1348 have 1/4" Studs, 1-3/4" Below Base.

Fig. 1339 Tubing is 1-1/8" wide, 3/8" thick.

Fig.	Each	Height Inches	Base Inches	Weight Ounces
1337		1-3/8	1-3/8 x 1-1/16	3
1338		1-3/8	1-3/16 x 1/2	3
1347		1-3/8	1-3/8 x 1-1/16	4
1348		1-3/8	1-3/16 x 1/2	3-1/2

Fig. 1339 TUBING

6 Foot Lengths –

MINIMUM QUANTITY AND STANDARD PACKAGE, 5 LENGTHS



GRAB RAIL POSTS—Figs. 413 & 413-A

Cast Bronze – Chromium Plated – For 1 Inch O.D. 20 Gauge Tubing

Fig.	Each	Height Overall Inches	Dimensions Base Inches	For Screw No.	Standard Package	Weight Ounces
413		2-1/4	3 x 2	8	1	10
413-A		2-1/4	2-3/4 x 1-1/2	8	1	7-1/4



GRAB RAIL POSTS—Figs. 1297 & 1298

Die Cast Zinc Alloy – Chromium Plated

For 3/4 inch rod or tubing

Each	Height Overall Inches	Diameter Base Inches	Weight Ounces
	1-3/4	1-5/8	2-3/4

Standard Package, Fig. 1297 - 4 Pieces; Fig. 1298 - 2 Pieces.



GRAB RAIL POSTS—Figs. 380 & 380-A

Cast Bronze – Hollow – Chromium Plated

Each	Diameter Hole Inches	Height Overall Inches	Diameter Base Inches	Standard Package	Weight Ounces
	1	3-3/8	2-1/2	1	10



TUBING

ANODIZED ALUMINUM – POLISHED—Fig. 497

Each	Outside Diameter Inches	Length Feet	Weight Ounces
	3/4	6	10

MINIMUM QUANTITY AND STANDARD PACKAGE, 3 LENGTHS

STAINLESS STEEL TUBING—Fig. 498

Each	Outside Diameter Inches	Length Feet	B & S Gauge	Weight Pounds
	1	6	20	2

MINIMUM QUANTITY AND STANDARD PACKAGE, 3 LENGTHS

STAINLESS STEEL TUBING – Fig. 916

18-8 Non Magnetic – Polished – 7/8" O.D. – .049 Wall

Each	Length Feet	Weight Pounds
	6	2-1/4

MINIMUM QUANTITY AND STANDARD PACKAGE, 3 LENGTHS



Fig. 413 End Posts



Fig. 413-A Center Posts



Fig. 1297 End Posts

Fig. 1298 Center Posts



Fig. 380 End Posts

Fig. 380-A Center Posts



Fig. 497 – Aluminum

Fig. 498 – Stainless Steel

Fig. 916 – Stainless Steel

"PERKO" RAIL FITTINGS Cast Bronze – Polished Chromium Plated

With Stainless Steel Allen Set Screws – Drilled and Countersunk 1/4"

ROUND ANGLE BASE—Fig. 992

Each	For Tubing Inches	Diameter Base Inches	Height Inches	Weight Ounces
	7/8	2-5/8	1-3/4	8

Included angle – 60°



Fig. 992

ROUND STRAIGHT BASE—Fig. 973

Each	For Tubing Inches	Diameter Base Inches	Height Inches	Weight Ounces
	7/8	2-5/8	1-5/8	7



Fig. 973

RECTANGULAR ANGLE BASE—Fig. 981

Each	For Tubing Inches	Dimensions Base Inches	Height Inches	Weight Ounces
	7/8	2-7/8x1-3/4	1-3/4	8

Included angle – 60°

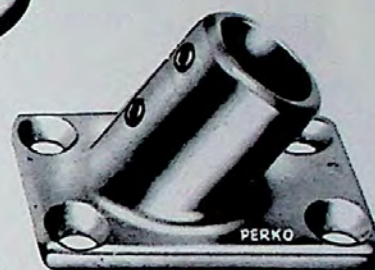


Fig. 981

RECTANGULAR STRAIGHT BASE—Fig. 977

Each	For Tubing Inches	Dimensions Base Inches	Height Inches	Weight Ounces
	7/8	2-3/4x1-3/4	1-5/8	6-1/2

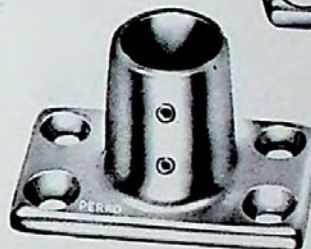


Fig. 977

ANGLE TEE—Fig. 990

Right or Left Hand

Each	For Tubing Inches	Length Inches	Height Inches	Weight Ounces
	7/8	2	2-3/16	6

Included angle – 60°

Please specify hand.



Fig. 990

STRAIGHT TEE—Fig. 989

Each	For Tubing Inches	Length Inches	Height Inches	Weight Ounces
	7/8	2	2	6



Fig. 989

BOW FORM—Fig. 993

With 3/4" Flag Pole Socket

Each	For Tubing Inches	Width Overall Inches	Angle Degree	Weight Ounces
	7/8	4-1/4	110	12-1/2



Fig. 993

GRAB RAILS – Fig. 936

18-8 Stainless Steel 7/8" Tubing - Chromium Plated Brass Ends – Chromium Plated Cast Bronze Bases – Stainless Steel Screws.

No.	Each	Length Overall Inches	Height Under Tubing Inches	Weight Pounds
1		12	1-1/4	1
2		18	1-1/4	1-3/8

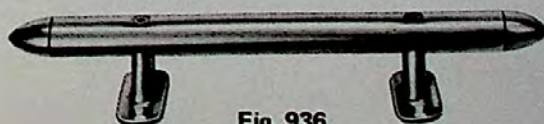


Fig. 936



Fig. 180

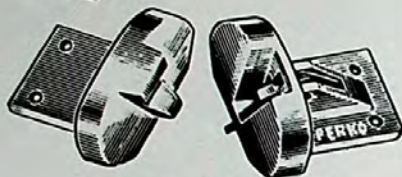


Fig. 185



Bow

Fig. 218



Stern

Fig. 219



Bow

Fig. 220



Stern

Fig. 221



Fig. 343 Stern



Fig. 148



FITTINGS FOR WOOD GUARD RAILS

Cast Bronze – Chromium Plated – Stainless Steel Pins

HINGE—Fig. 180

LATCH—Fig. 185

No.	Fig. 180 Each	Fig. 185 Each	Size Rail Inches	Length Overall Inches	Weight Pounds
1			2-3/8x1-3/8	5	3/4
2			2-7/8x1-1/4	5-1/2	1

★

FLUSH TYPE FLAG POLE SOCKETS—Figs. 218 & 219

Cast Bronze – Chromium Plated

No.	Inside Diam. Inches	Fig. 218 Each	Fig. 219 Each	Diam. Flange Inches	Depth Socket Inches	Weight Ounces
1	3/4			2	1-1/2	4-1/2
2	1			2-3/8	1-3/4	5
3	1-1/4			2-5/8	2	9
4	1-1/2			3-1/8	2-3/8	15

★

UPRIGHT TYPE FLAG POLE SOCKETS—Figs. 220 & 221

Cast Bronze – Chromium Plated

No.	Inside Diam. Inches	Fig. 220 Each	Fig. 221 Each	Diam. Base Inches	Height Inches	Weight Ounces
1	3/4			2-1/8	1-3/4	5-1/4
2	1			2-1/2	2	6-3/4
3	1-1/4			2-3/4	2-1/8	10-3/4

★

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	Standard Package	Weight Ounces
	3/4	3x2-1/8	2	5	4-1/2

★

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.

Dimensions Angle Bracket Inches	Dimensions Wall Plate Inches	Weight Bracket Ounces	Weight Wall Plate Ounces
2-3/4x1-11/16	3-3/8x2	3	3

Fig. 148 Complete

Fig. 148, 99-A Spare Angle Brackets

Fig. 148, 99-B Spare Wall Plates

Per Set

Per Pair

Per Pair

Standard Package, 5 Sets.

A set consists of 2 brackets and 2 plates.

FENDER LOCK—Fig. 1299

Die Cast Zinc Alloy — 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	Standard Package	Weight Ounces
	1-1/2	3/8	10	1

Spare Eyes, Specify Fig. 1299-99A.



Fig. 1299

SKIN PACK — Fig. 1299-SP

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 2 3/4 Pounds.

Sold To Trade In Full Box Only

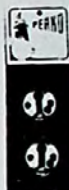


Fig. 1299-SP

FENDER HOOKS—Fig. 1246

Die Cast Zinc Alloy — Chromium Plated

Each	For Rope Diameter Inches	Size Plate Inches	For Screw No.	Weight Ounces
	3/8	1-3/4x1-1/4	6	1-1/4

Standard Package, 10 Pieces.



Fig. 1246

SKIN PACK — Fig. 1246-SP

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 2 3/4 Pounds.

Sold To Trade In Full Box Only.



Fig. 1246-SP

SNAP TYPE FENDER HOOK — Fig. 1309

Die Cast Zinc Alloy — Chromium Plated

No more lost fenders, the snap does the job.

Each	For Rope Diameter Inches	Size Plate Inches	For Screw No.	Weight Ounces
	1/4	1-9/16x1-3/8	6	1-1/2

Standard Package, 10 Pieces.



Fig. 1309

DOCK LINE SPRINGS—Fig. 759

Steel — Zinc Plated

A very strong compression spring for dock and mooring lines. It cushions the strain and contributes greatly to the life of the line. Size No. 1 will accommodate 1/2 inch diameter rope, No. 2 for 3/4 inch rope.

No.	Each	Length Overall Inches	Diameter Spring Inches	Diameter Metal Inches	Compression Inches	Weight Pounds
1		10	1-1/2	3/16	4-1/2	7/8
2		18	2	1/4	8	2-3/4



Fig. 759



Fig. 492



Fig. 492-SP

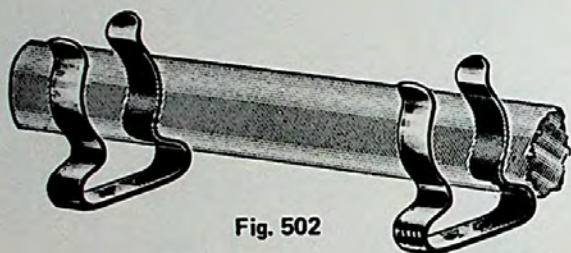


Fig. 502

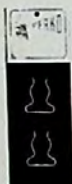


Fig. 502-SP



No. 1 with Straight Blade

Fig. 533



No. 2 with Curved Blade



Fig. 533-SP

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.	Standard Package	Weight Ounces
	3-1/2	1	6	10 pr.	1-1/2



SKIN PACK — Fig. 492-SP

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 3 Pounds.

Sold To Trade In Full Box Only.



“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	Adjust-ability Inches	Length From Wall Inches	Width of Metal Inches	For Screw No.	Weight Per Pair Ounces
1		5/8 to 1-1/4	1-1/2	1/2	6	2
2		1 to 1-3/4	2-1/4	5/8	6	2-1/2

Standard Package, 10 Pair Per Size.



SKIN PACK — Fig. 502-SP

Size No.1 Only.

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 3 Pounds.

Sold To Trade In Full Box Only.



HAND WINDSHIELD WIPERS—Fig. 533

For Straight or Curved Windshields — Stainless Steel Extensible Arm and Blade Holder — Other Parts Chromium Plated — Rustproof — Leakproof — With 12 Inch Blade

The arm is extensible from 6 3/4 to 10 1/2 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
		13-1/2 to 16-1/2	3/8	2-3/8	8

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

Spare Arm, Fig. 533-99A	each
Spare Straight Blade, Fig. 533-99B	each
Spare Curved Blade, Fig. 533-99C	each



SKIN PACK — Fig. 533-SP

Size No.1 Only.

One Per Card.

Three Cards Per Box.

Weight Per Box, 2 Pounds.

Sold To Trade In Full Box Only.

RING BUOY HOLDERS – Fig. 1017

Brass

Plain Brass Each	Chromium Plated Each	Width Mounting Plate Inches	Hgt. Over-all Inches	For Screw No.	Wt. Lbs.
		3	4-1/2	8	1/2

Standard Package, 5 Pieces



Fig. 1017

SKIN PACK – Fig. 1017-SP

One Per Card.

Four Cards Per Box.

Weight Per Box, 2½ Pounds.

Sold To Trade In Full Box Only.



Fig. 1017-SP

AXE BRACKETS—Fig. 325

18-8 Stainless Steel – Polished

A set consists of one blade socket and one handle bracket as illustrated.

Fig. 325 Complete Per Set	Fig. 325-99A Blade Sockets Only Each	Fig. 325-99B Handle Brackets Only Each	For Blade Width Inches	Standard Package	Weight Per Set Ounces
			6	10 sets	4-1/2



Fig. 325

BOAT HOOKS—Fig. 224

Ball Points – Galvanized Malleable Iron

Size No.	Each	For Diam. Pole Inches	Extreme Length Inches	Standard Package	Weight Ounces
4		1-1/4	8-1/4	10	12
5		1-1/2	9-3/8	10	18



Fig. 224

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

DECK STRAPS—Fig. 882

Cast Bronze

No.	Plain Bronze Each	Chromium Plated Each	Length Inches	Size Eye Inches	Standard Package	Wt. Ozs.
1			3-1/2	1/2	10	2-1/2
2			4-1/4	9/16	10	2-1/2



Fig. 882

FLANGE EYES—Fig. 877

Cast Bronze

No.	Plain Bronze Each	Polished Chromium Plated Each	Size Opening Inches	Size Base Inches	Standard Package	Weight Ounces
1			5/8	2-1/8x 15/16	10	1
2			3/4	2-1/4x1-3/16	10	2



Fig. 877

NEW FLANGE EYE – Fig. 1236

Die Cast Zinc Alloy – Chromium Plated

Each	Size Opening Inches	Size Base Inches	Standard Package	Weight Ounces
	3/4	2-5/16x1-1/16	10	1



Fig. 1236



Fig. 612

FAST EYE BOAT SNAPS—Fig. 612

Galvanized Malleable Iron Or Bronze

Size No.	Galv. Each	Plain Bronze Each	Inside Diam. Eye Inches	Extreme Length Inches	Standard Package	Weight Per 100 Pounds
0			3/8	2-1/16	10	6-1/4
1			5/8	2-7/8	10	12
2			3/4	3	10	13-1/2
3			3/4	3-7/8	10	24
4			7/8	4-1/2	10	40
5			1-1/8	5	10	50
6			1-1/8	5-1/4	10	68-3/4

★



Fig. 613

SWIVEL EYE BOAT SNAPS—Fig. 613

Galvanized Malleable Iron Or Bronze

Size No.	Galv. Each	Plain Bronze Each	Inside Diam. Eye Inches	Extreme Length Inches	Standard Package	Weight Per 100 Pounds
1			9/16	3-1/4	10	12-1/2
2			11/16	3-5/8	10	16
3			3/4	4-5/8	10	30
4			13/16	4-7/8	10	42
5			1-1/16	5-3/4	10	61

★



Fig. 659

SWIVEL EYE SNAP — Fig. 659

Cast Bronze

Each	Extreme Length Inches	Inside Eye Inches	Inside Hook Inches	Standard Package	Weight Ounces
	3-1/2	3/4	7/16	25	2-1/2

★

Fig. 659-SP



SKIN PACK — Fig. 659-SP

One Per Card.

Ten Cards Per Box.

Weight Per Box, 2 Pounds.

Sold To Trade In Full Box Only.

★



Fig. 606

SAFETY MOORING HOOKS—Fig. 606

Galvanized Drop Forged Steel — Stainless Steel Spring

No.	Each	I.D. of Eye Inches	Length Overall Inches	Throat Opening Inches	Standard Package	Weight Per 100 in Lbs.
1		3/4	4	3/4	10	25
1-1/2		1-1/8	4-3/4	3/4	10	32
2		1	5-3/8	13/16	5	100

★

SKIN PACK — Fig. 606-SP

Size No.1 Only.

One Per Card.

Twelve Cards Per Box.

Weight Per Box, 2½ Pounds.

★

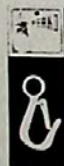


Fig. 614

SAFETY SNAP—Fig. 614

18-8 STAINLESS STEEL — Non Magnetic Interlocking Tongue

Each	Length Inches	I.D. Eye Inches	Diam. Steel Inches	Standard Package	Weight Ounces
	3	3/8	5/16	10	2-1/2

SWIVEL EYE SNAP—Fig. 1289

Die Cast Zinc Alloy — Chromium Plated — Stainless Steel Spring

Has an interlocking device on tongue and hook.



Fig. 1289

Each	Inside Diam. Eye Inches	Extreme Length Inches	Standard Package	Weight Per 100 Pounds
	5/8	3	25	12-1/2

SKIN PACK — Fig. 1289-SP

One Per Card.

Twelve Cards Per Box.

Weight Per Box, 2½ Pounds.

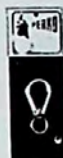


Fig. 1289-SP

Sold To Trade In Full Box Only.

FAST EYE BABY SNAPS—Figs. 842 & 1041

Cast Brass

Fig.	Each	Size of Eye Inches	Length Inches	Standard Package	Weight Ounces
842		3/8	1-7/8	50	1/2
1041		5/8x3/16	1-5/8	50	1/2



Fig. 1041



Fig. 842

SWIVEL EYE BABY SNAPS—Fig. 1042

Cast Brass

Each	Length Inches	Diam. of Eye Inches	Standard Package	Weight Ounces
	2-5/8	3/8	50	1/2



Fig. 1042

"S" HOOKS—Fig. 680 Galvanized Wrought Steel

No.	Nominal Size Inches	Each	Length Overall Inches	Standard Package	Weight Per 100 Pounds
1	3/16		1-1/2	50	2-3/4
2	1/4		2	50	7
3	5/16		2-1/2	50	14-1/2
4	3/8		3	50	18-3/4



Fig. 680

SHEAVES—Fig. 154

White Nylon — Common Bushed

No.	Each	Diam. Inches	Thickness Inches	For Rope Inches	For Size Pin Inches
20		7/8	3/8	1/4	3/16
28		2-5/16	3/8	1/4	1/4



Fig. 154

ASSORTED BRASS PINS — Fig. 1176 Flat Head

No.	Each	Diam. Pin Inches	Length Under Head Inches	Diam. Head Inches	Standard Package
1		3/16	5/8	1/4	10
2		3/16	3/4	1/4	10
4		3/16	1	1/4	10
5		1/4	5/8	5/16	10
8		1/4	1-1/16	5/16	10
10		1/4	1-1/4	5/16	10
15		5/16	1-1/4	3/8	10
27		1/2	1-1/4	5/8	10

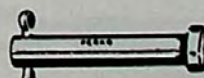


Fig. 1176

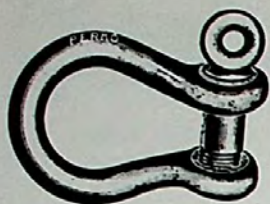


Fig. 314

ANCHOR SHACKLES – Fig. 314

Galvanized Drop Forged Steel Or Bronze – Screw Pin Type

No.	Size Inches	Galvanized Each	Bronze Each	Standard Package	Approx. Weight Per 100 in Pounds
1	3/16			10	7
2	1/4			10	11
3	5/16			10	20
4	3/8			10	31
5	7/16			10	47
6	1/2			10	68
7	5/8			5	137
8	3/4			5	220



Fig. 466

WIRE ROPE THIMBLES—Fig. 466

Galvanized Steel, Brass Or Stainless Steel

No.	For Size Rope Inches	Galv. Each	Stainless Steel Each	Standard Package	Galv. Wt. Per 100 in Lbs.
1	1/8			20	2-5/8
2	3/16			20	2-5/8
3	1/4			20	4-3/8
4	5/16			20	5-1/2
5	3/8			20	10-5/8
6	1/2			20	15-1/2
7	5/8			10	27-1/2
8	3/4			10	40
9	7/8			10	55
10	1			10	79



Fig. 333

WIRE ROPE CLIPS—Fig. 333

Malleable Iron Saddle – Steel U-Bolt And Nuts

No.	Size Wire Rope Inches	Cadmium Plated Per 100	Est. Wt. Per 100 in Lbs.	No.	Size Wire Rope Inches	Cadmium Plated Per 100	Est. Wt. Per 100 in Lbs.
1	1/8		4-1/4	5	3/8		24
2	3/16		7	6	1/2		37
3	1/4		14-1/2	7	5/8		59
4	5/16		16				

Standard Package, Sizes 1 thru 3, 25 Pcs. 4 & 5, 10 Pcs. 6 & 7, 5 Pcs.



Fig. 396

PETITE TURNBUCKLES—Fig. 396

Bronze – S.A.E. Threads – Eye and Eye

No.	Each	Diam. Thread Inches	Length Extended Inches	Takeup Inches	Weight Per 100 in Lbs.
1		1/8	3	3/4	3
2		5/32	4	1-1/8	6-1/4
3		3/16	5	1-1/2	11-1/2
4		1/4	5-3/4	1-7/8	15
5		5/16	6-7/8	2-1/4	24-1/2

Standard Package 5 Pieces.



Fig. 398

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		1/4	5-3/4	1-7/8	1/4	19
5		5/16	6-7/8	2-1/4	1/4	28

Standard Package, 5 Pieces.

PAINT SCRAPER SET—Fig. 1015

Set consists of handle with 3 blades illustrated, and nut to change and attach blades.

Packed, 1 set to a box.

No. 1 Blade, Triangular—2-3/8x2-3/8 inches.

No. 2 Blade, Triangular—3x3 inches

No. 3 Blade, Oval—2-1/2x1-1/4 inches.

Length Handle—8-1/2 inches.

Weight Per Set, 9 Ounces

Per Set —

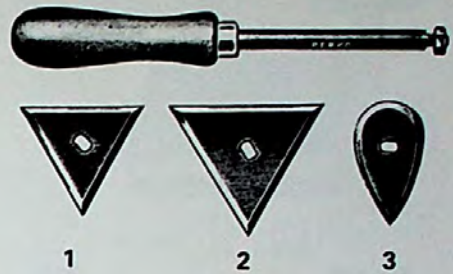


Fig. 1015

DOUBLE END SCRAPERS—Fig. 1175

Fine Grade Tool Steel — Heat Treated

Each	Length Inches	Width Inches	Thickness Inches	Width Blade Inches	Standard Package	Weight Pounds
	15	1	1/4	1-3/4	5	1



Fig. 1175

CAULKING IRONS—Fig. 307

Malleable Iron

Size No.	Each	Thickness Inches	Length Inches	Width Blade Inches	Weight Per Dozen in Lbs.
00		1/32	5	2	7-1/2
0		1/16	5-5/8	2-1/2	7-1/2
1		1/8	5-7/8	2-1/4	7-1/2

Standard Package, 10 Pieces.



Fig. 307

SAIL MAKERS PALMS—Fig. 411

Hide Mounted — Right Hand Only

Per Dozen	Standard Package	Weight Per Dozen in Pounds
	12	2



Fig. 411

MAPLE HAND FIDS—Fig. 923

For use in splicing ropes and light flexible cables, has a rounded end for hand use; varnished finish.

No.	Each	Size Inches	Standard Package	Weight Per Dozen Pounds
0		12x1-3/4	2	5-1/4
1		14x1-3/4	2	5-1/4
2		16x2	2	6-3/4
3		18x2	2	6-3/4
4		20x2-1/4	2	12



Fig. 923

BRASS ACORN NUTS—Fig. 465

Milled Finish

No.	Size Thread	Plain Each	Polished Brass Each	Chromium Plated Each	Size Hexagon Inches	Height Inches
1	8 -32				5/16	5/16
2	1/4 -20				7/16	3/8
3	1/4 -20				7/16	3/4
4	5/16-18				5/8	5/8
5	3/8 -16				5/8	1
7	1/2 -13				3/4	1-3/8
8	1/2 -13				1	1
9	5/8 -11				1-1/8	1-3/16

Standard Package, Sizes 1 thru 5, 10 Pcs. 7 thru 9, 5 Pcs.



Fig. 465

BRASS WING NUTS—Fig. 453

U. S. S. Thread

No.	For Diam. Bolt Inches	Threads Per Inch	Plain Brass Each	No.	For Diam. Bolt Inches	Threads Per Inch	Plain Brass Each
1	3/16	24		4	3/8	16	
2	1/4	20		5	1/2	13	
3	5/16	18					

Standard Package, Sizes 1 thru 3, 10 Pcs. 4 & 5, 5 Pcs.



Fig. 453



Fig. 565



Fig. 565-SP

TILLER ROPE PULLEY—Fig. 565
Swivel Type with Strap — For 1/4" Rope
18-8 Stainless Steel — White Nylon Sheave

Complete Each	Length Overall Inches	Diam. Sheave Overall Inches	Length Strap Inches	Standard Package	Weight Ounces
	3-3/4	2-5/16	1-5/8	10	2

★

SKIN PACK — Fig. 565-SP

One Pair Per Card.
Twelve Cards Per Box.
Weight Per Box, 4½ Pounds.

Sold To Trade In Full Box Only.

★



Fig. 634

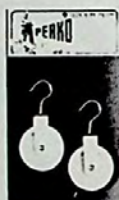


Fig. 634-SP

TILLER ROPE PULLEY—Fig. 634
Swivel Snap Hook Type — For 1/4" Rope
18-8 Stainless Steel — White Nylon Sheave

Complete Each	Length Overall Inches	Snap Throat Opening Inches	Diam. Sheave Overall Inches	Standard Package	Wt. Ozs.
	4-5/8	1/2	2-5/16	10	2-1/2

★

SKIN PACK — Fig. 634-SP

One Pair Per Card.
Twelve Cards Per Box.
Weight Per Box, 5¼ Pounds.

Sold To Trade In Full Box Only.

★



Fig. 1255

TILLER ROPE PULLEY—Fig. 1255
Coaming Type — White Nylon Sheave
Die Cast Zinc Alloy — Chromium Plated

No.	Each	Diam. Sheave Inches	For Diam. Rope Inches	Dimensions of Plate Inches	Standard Package	Weight Ounces
2		2-5/16	1/4	4-7/8x1-1/4	10	2-1/2

★

TILLER ROPE GUIDES—Figs. 1256 & 1261
Die Cast Zinc Alloy — Chromium Plated



Fig. 1256



Fig. 1261

Each	Size Hole Inches	Size Base Inches	For Screw No.	Weight Ounces	Standard Package
	5/16	1-1/4x3/4	6	1/2	25

★

TILLER ROPE GUIDES—Fig. 1243
Die Cast Zinc Alloy — Chromium Plated



Fig. 1243

Each	For Diam. Rope Inches	Size Base Inches	For Screw No.	Weight Ounces	Standard Package
	1/4	2 x 3/4	8	1-3/4	10

TILLER ROPE CLAMPS—Figs. 358 & 1226

For 1/8" and 3/16" Rope

Fig. 358—Pressure Cast Silicon Bronze.
Fig. 1226—Die Cast Zinc Alloy.

Fig.	Natural Finish Each	Chromium Plated Each	Length Inches	Width Inches	Standard Package	Weight Ounces
358			1-1/4	11/16	20	1
1226			1-1/4	11/16	50	1



Fig. 358
Fig. 1226

SKIN PACK — Fig. 1226-SP

Chromium Plated Finish.
One Pair Per Card.
Twelve Cards Per Box.
Weight Per Box, 2½ Pounds.
Sold To Trade In Full Box Only.



Fig. 1226-SP

TILLER ROPE TIGHTENERS—Figs. 732 & 754

Fig. 732-C —Steel, Cadmium Plated
Fig. 732-SS —18-8 Stainless Steel
Fig. 754 —Steel, Cadmium Plated

Fig.	Each	Normal Length Inches	Length Compressed Inches	Outside Diameter Inches	Standard Package	Weight Ounces
732-C		4	5	1	10	3-1/2
732-SS		4	5	1	10	2-1/4
754		4-3/4	6-1/2	7/8	25	3



Fig. 732-C
Fig. 732-SS



Fig. 754

SKIN PACK — Fig. 732-SP

Stainless Steel or Cadmium Plated

Cadmium Plated Steel Per Pair	Stainless Steel Per Pair	Units Per Card	Units Per Box	Weight Per Box Pounds
		1 Pr.	12	5-1/2

Sold To Trade In Full Box Only.



Fig. 732-SP

EYE STRAPS—Figs. 562 & 1242

Fig. 562—18-8 Stainless Steel
Fig. 1242—Die Cast Zinc Alloy — Chromium Plated

Fig.	Each	Length Inches	Size Eye Inches	For Screw No.	Weight Ounces	Standard Package
562		1-5/8	1/4	10	1/8	50
1242		1-7/8	5/16	8	1/4	50



Fig. 562



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			1-7/8	1/4	1/4	8	1/2
1			2-1/4	5/16	9/32	10	3/4
2			2-3/4	1/2	5/16	10	1-1/2



Fig. 881

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

FAST EYE BLOCKS—Fig. 43

Galvanized Malleable Iron Or Bronze — Single

Size No.	Galv. Each	Plain Bronze Each	For Diam. Rope Inches	Size Sheaves Inches	Standard Package	Weight Pounds Each
1			3/16	3/4x5/16	10	3/32
3			1/4	1 x3/8	10	3/16
5			5/16	1-3/8x7/16	10	1/4
7			3/8	1-1/2x1/2	10	3/8
9			7/16	1-3/4x9/16		1/2
11			1/2	2 x5/8		5/8
13			5/8	2-1/2x3/4		1-7/16
15			3/4	3 x7/8		1-5/8



Fig 43

FAST EYE BLOCKS—Fig. 51

Galvanized Malleable Iron — Double

Size No.	Each	For Diam. Rope Inches	Size Sheaves Inches	Standard Package	Weight Pounds Each
2		3/16	3/4x5/16	10	3/16
4		1/4	1 x3/8	10	1/4
6		5/16	1-3/8x7/16	10	3/8
8		3/8	1-1/2x1/2	10	5/8



Fig. 51

SWIVEL EYE BLOCKS—Fig. 100

Galvanized Malleable Iron Or Bronze — Single

Size No.	Galvanized Iron Each	Plain Bronze Each	For Diam. Rope Inches	Diameter Sheave Inches	Standard Package	Weight Per Doz. in Lbs.
0			3/16	1/2	10	1/2
1			3/16	3/4	10	1-1/4
3			1/4	1	10	2
5			5/16	1-3/8	10	2-7/8
7			3/8	1-1/2	10	4-7/8



Fig. 100

SWIVEL EYE BLOCKS—Fig. 101

Galvanized Malleable Iron — Double

Size No.	Each	For Diam. Rope Inches	Diameter Sheave Inches	Standard Package	Weight Per Doz. in Lbs.
00		3/16	1/2	10	1-1/16
2		3/16	3/4	10	2-1/4
4		1/4	1	10	3-3/8
6		5/16	1-3/8	10	4-1/2
8		3/8	1-1/2	10	7



Fig. 101

WIRE ROPE PULLEYS—Figs. 194 & 279

Galvanized Malleable Iron

Fig. 194 Single

Size No.	Each	For Diam. Rope Inches	Size Sheave Inches	Weight Pounds
1		3/16	2-1/2x3/8	1/2
2		1/4	3-1/4x1/2	1-1/4
3		5/16-3/8	4-1/2x5/8	2-1/2



Fig. 194

Side Pattern Single

Fig. 279 Single

Size No.	Each	For Diam. Rope Inches	Size Sheave Inches	Weight Pounds
10		3/16	2-1/2x3/8	5/8
20		1/4	3-1/4x1/2	1-1/2
30		5/16-3/8	4-1/2x9/16	2-1/2



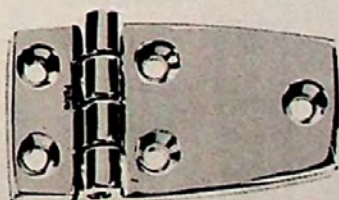
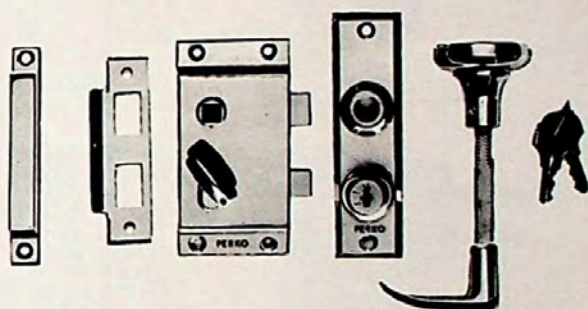
Fig. 279

Upright Pattern Single

PERKO

SECTION J

door & cabinet
hardware
locks
latches
bolts
hinges
hasps
top fittings



MANUFACTURED BY

PERKINS MARINE LAMP & HARDWARE CORP., 16490 N. W. 13TH AVE., P. O. BOX D, MIAMI, FLORIDA 33164

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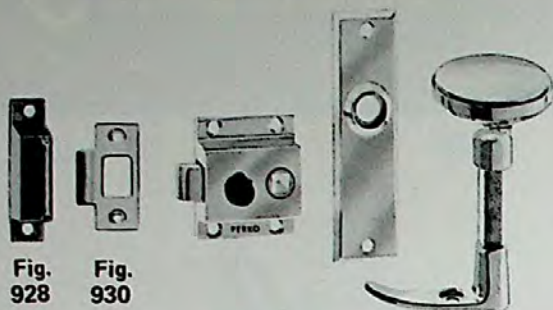


Fig. 928
Fig. 930

RIM LATCH SETS—Figs. 928 & 930

Die Cast Zinc Alloy – Chromium Plated

With round knob and lever handle, no keys. Locked by thumb bolt inside. For doors 3/4 to 1-1/2 inches.

Fig. 928—Regular Bevel With Box Strike.

Fig. 930—Reverse Bevel With Flush Strike.

Per Set	Size Case Inches	Size Escutcheon Inches	Diameter Knob Inches	Backset Inches	Weight Pounds
	2-1/8x1-3/4	4-3/8x1-1/4	1-3/4	1-3/8	3/4

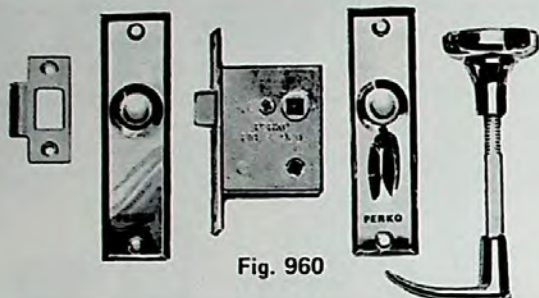


Fig. 960

MORTISE LATCH SETS—Fig. 960

Die Cast Zinc Alloy – Chromium Plated – Reversible

Locked by dead bolt inside, no keys, with round knob and lever handle. For door 1 to 1-1/2 inches thick.

Backset 1-3/8 inches.

Per Set	Size Case Inches	Size Facing Inches	Size Escutcheon Inches	Diameter Knob Inches	Weight Pounds
	2-1/4x1-13/16	3-1/2x13/16	4-3/8x1-1/4	1-3/4	1

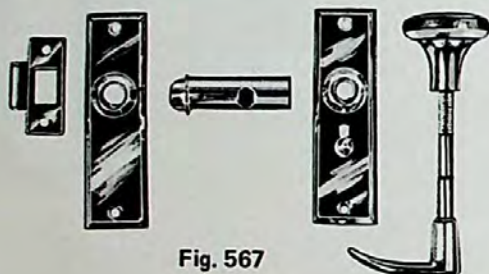


Fig. 567

TUBULAR LATCH SETS—Fig. 567

Die Cast Zinc Alloy – Chromium Plated

Locked from inside by thumb bolt, no keys. Round knob and lever handle. For doors 1 to 1-1/2 inches thick.

Backset 1-1/4 inches.

Per Set	Diameter Tube Inches	Size Escutcheon Inches	Diameter Knob Inches	Weight Pounds
	3/4	4-3/8x1-1/4	1-3/4	3/4

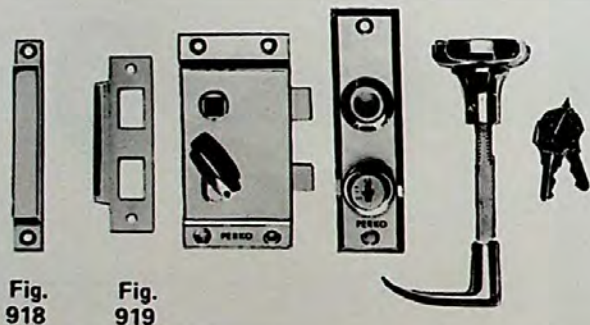


Fig. 918
Fig. 919

RIM LOCK SETS—Figs. 918 & 919

Die Cast Zinc Alloy – Chromium Plated

Five disc tumbler type with dead bolt for inside. With round knob and lever handle, two keys. For doors 3/4 to 1-1/2 inches.

Fig. 918—Regular Bevel With Box Strike.

Fig. 919—Reverse Bevel With Flush Strike.

Per Set	Size Case Inches	Size Escutcheon Inches	Diameter Knob Inches	Backset Inches	Weight Pounds
	3-7/8x2	4-3/8x1-1/4	1-3/4	1-3/8	1-1/4

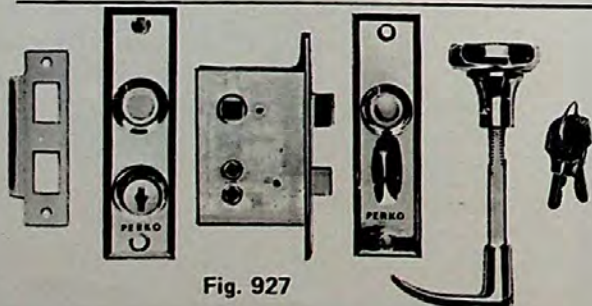


Fig. 927

MORTISE LOCK SETS—Fig. 927

Die Cast Zinc Alloy – Chromium Plated – Reversible

Five disc tumbler type with dead bolt for inside. With round knob and lever handle, two keys. For door 1 to 1-1/2 inches thick. Backset 1-3/8 inches.

Per Set	Size Case Inches	Size Facing Inches	Size Escutcheon Inches	Diameter Knob Inches	Weight Pounds
	2-3/4x2	4x13/16	4-3/8x1-1/4	1-3/4	1-1/4

SPARE PARTS

- Knob, Lever Handle and Spindle Assembly – Specify Fig. 962
- Escutcheon with Tumbler Set and 2 Keys for Figs. 918 and 919, Specify Fig. 953
- Escutcheon with Tumbler Set and 2 Keys for Fig. 927, Specify Fig. 927-99A

ONE-WAY NIGHT OR SAFETY LATCH—Fig. 948

Die Cast Zinc Alloy – Chromium Plated – With Sliding Safety Catch

Each	Dimensions Without Strike Inches	Weight Ounces
	2-1/8x1-3/4	5

Standard Package, 5 Pieces.

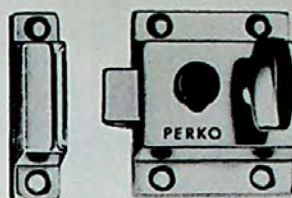


Fig. 948

HEAVY DUTY CUPBOARD TURNS—Fig. 978

Die Cast Zinc Alloy – Chromium Plated
High Quality in Design and Smooth Operation

Each	Dimensions Without Strike Inches	Weight Ounces
	2-1/8x1-3/4	5

Standard Package, 5 Pieces.

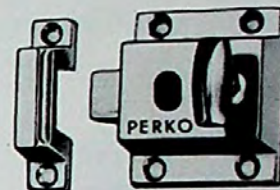


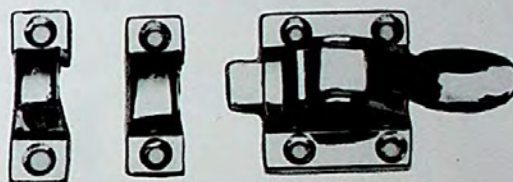
Fig. 978

CUPBOARD CATCHES—Fig. 1102

Die Cast Zinc Alloy – Chromium Plated

Each	Dimensions Without Strike Inches	Weight Ounces
	1-1/2x1-3/8	3-1/2

Standard Package, 5 Pieces.
Supplied complete with flush and 3/8 inch offset strike.



Offse.

Flush

Fig. 1102

SKIN PACK – Fig. 1102-SP

One Catch Per Card.
Six Cards Per Box.
Weight Per Box, 1 Pound.
Sold To Trade In Full Box Only

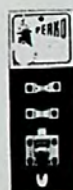


Fig. 1102-SP

CUPBOARD BOLT—Fig. 1101

Die Cast Zinc Alloy – Chromium Plated

Each	Dimensions Without Strike Inches	Weight Ounces
	1-1/2x1-1/2	2

Standard package 5 pieces.



Fig. 1101

SKIN PACK – Fig. 1101-SP

One Bolt Per Card.
Six Cards Per Box.
Weight Per Box, 1 1/4 Pounds.
Sold To Trade In Full Box Only.



Fig. 1101-SP

FLUSH RING CATCHES—Fig. 1051

Die Cast Zinc Alloy – Chromium Plated – Phosphor Bronze Spring

Each	Size Inches	Standard Package	Weight Ounces
	1-3/4x1-3/8	10	1-1/2



Fig. 1051

PERKINS MARINE LAMP & HARDWARE CORP.

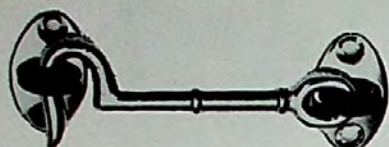


Fig. 956

CABIN DOOR HOOKS—Fig. 956

Pressure Cast Silicon Bronze

No.	Length Hook Inches	Plain Bronze Each	Chromium Plated Each	Weight Ounces
1	1-1/2			1
2	2			1-1/2
3	2-1/2			1-3/4
4	3			2
5	3-1/2			2-1/2
6	4			3
7	5			3-1/2
8	6			5

Standard Package, 5 Pieces.

Spare Keepers, Specify Fig. 959



Fig. 1199

CABIN DOOR HOOKS—Fig. 1199

Die Cast Zinc Alloy — Chromium Plated

No.	Length Hook Inches	Each	Weight Ounces
1	1-3/4		1-1/4
2	2-1/4		1-3/8
3	3		1-1/2
4	4		1-3/4

Spare Keepers, See Fig. 1261.

Standard Package, 20 Pieces.

Fig. 1199-SP



SKIN PACK — Fig. 1199-SP

Size No. 1

One Hook Per Card.

Twelve Cards Per Box.

Weight Per Box, 2 Pounds.

Sold To Trade In Full Box Only.

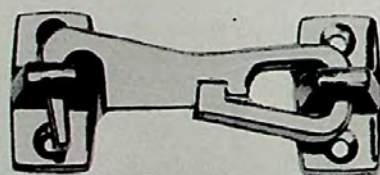


Fig. 1287

MODERN DESIGN CABIN DOOR HOOKS—Fig. 1287

Patented. No. 197,531

Die Cast Zinc Alloy — Chromium Plated

No.	Length Hook Inches	Each	Dimensions Eye Plate Inches	Weight Ounces
1	2		1-1/4x11/16	1-1/4
2	2-1/2		1-1/4x11/16	1-1/2
3	3		1-1/4x11/16	1-3/4

Spare Keepers, See Fig. 1261.

Standard Package, 20 Pieces.

Fig. 1287-SP



SKIN PACK — Fig. 1287-SP

Size No. 2

One Hook Per Card

Six Cards Per Box

Weight Per Box, 13 Ounces

Sold To Trade In Full Box Only

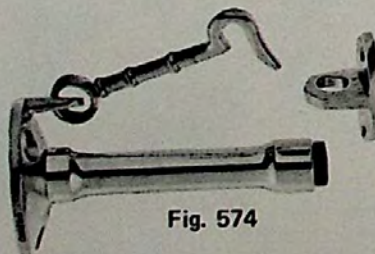


Fig. 574

DOOR STOP AND HOLDER—Fig. 574

Pressure Cast Silicon Bronze — Chromium Plated

No.	Each	Length Inches	Diameter Base Inches	Weight Ounces
1		2-3/8	1-3/4	4-1/2
2		3-1/4	1-3/4	5-1/2

Spare Keepers, Specify Fig. 959

DOOR STOP—Fig. 1177

Rubber Bumper with Chromium Plated Holder

Each	Diameter Inches	Length Inches	Standard Package	Weight Ounces
	1-1/4	1	5	1



Fig. 1177

DOOR HOLDERS—Fig. 1065

Stainless Steel Clip — Chromium Plated Arrow

Per Set	Base of Arrow Inches	Base of Clip Inches	Projection Inches	Weight Ounces
	1-5/8x3/4	1-3/8x7/16	1-3/4	2



Fig. 1065

Standard Package, 5 Sets.

DOOR STOP AND HOLDER—Fig. 576

Stainless Steel No. 316 18-12 — Chromium Plated.

Designed for marine use — holds door firmly in place — no loose parts to rattle or mar finish of door or bulkhead. Complete with Stainless Steel Mounting Screws.

Each Complete	Projection Inches	Weight Ounces	Standard Package
	2-1/2	1-3/4	5

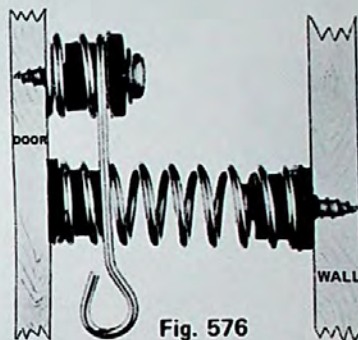


Fig. 576

DOOR STOP—Fig. 577

Stainless Steel No. 316 18-12 — Chromium Plated

Many other uses may be found for this item i.e., anti-rattle if ordinary hook and eye already installed, vibration or shock mount, bumpers for sliding doors, etc.

Each	Projection Inches	Weight Ounces	Standard Package
	2-1/2	3/4	5



Fig. 577

BARREL BOLTS—Fig. 947

Pressure Cast Silicon Bronze

No.	Plain Each	Chromium Plated Each	Length Rod Inches	Size Base Without Strike Inches	Weight Ounces
1			2-3/4	2-1/4x1-3/8	4
2			3	3 x1-1/4	4
3			4	4 x1-3/8	5

Standard Package, 5 Pieces.

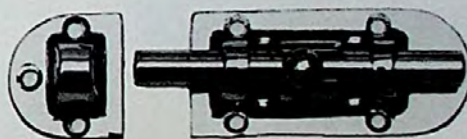


Fig. 947

SKIN PACK — Fig. 947-SP

Size No. 2 — Chromium Plated

One Bolt Per Card.

Five Cards Per Box.

Weight Per Box, 1 1/2 Pounds.

Sold To Trade In Full Box Only.



Fig. 947-SP

SHIP BOLTS—Fig. 1053

Pressure Cast Silicon Bronze — Chromium Plated

Each	Size Without Strike Inches	Weight Ounces
	2-3/8x1-1/4	1-3/4

Standard Package, 5 Pieces.

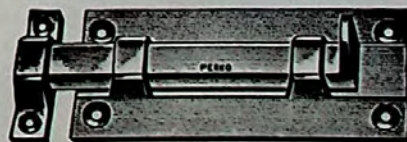


Fig. 1053



Fig. 1216
With Spring



Fig. 1216-B
Without Spring



Fig 1056

Fig. 1216 SP

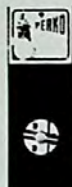


Fig. 1056-SP

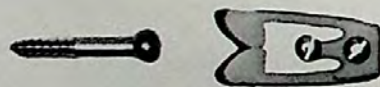
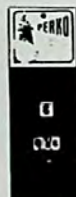


Fig 554



Fig. 559



Fig. 559-SP

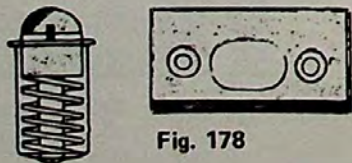


Fig. 178

DOOR BUTTONS – Fig. 1216

Die Cast Zinc Alloy – Chromium Plated – Black Nylon Knob

Eliminates rattling doors. Phosphor bronze coil spring under knob holds button against the plate. Drilled and countersunk for No. 6 screw.

	Each	Plate Diameter Inches	Width Less Keeper Inches	Standard Package	Weight Ounces
Fig. 1216		1-11/16	1-3/16	10	1-1/2
Fig. 1216-B		1-11/16	1-3/16	10	1-1/2

SKIN PACK – Fig. 1216-SP

With Spring

One Button Per Card.

Twelve Cards Per Box.

Weight Per Box, 1 1/4 Pounds.

Sold To Trade In Full Box Only.

ELBOW CATCHES—Fig. 1056

Die Cast Zinc Alloy – Chromium Plated

Each	Size Base Inches	Standard Package	Weight Ounces
	1-1/8x9/16	10	3/4

SKIN PACK – Fig. 1056-SP

One Catch Per Card.

Twelve Cards Per Box.

Weight Per Box, 1 Pound.

Sold To Trade In Full Box Only.

“FLEXA” DOOR CATCHES—Fig. 554

White Nylon Catch – Stainless Steel Spring – With Brass, Chromium Plated Screws – Positive Grip – 18 Pound Pull

Each Complete	Length Catch Inches	Length Ball Head Screw Inches	Standard Package	Weight Ounces
	1-3/16	3/4	25	1/4

“POLYDEL” DOOR CATCHES—Fig. 559

Grey Delrin Ball Stud – Polyethylene Catch – Holds Door Firmly in Place Against Vibration and Motion

Each	Stud Size Inches	Catch Size Inches	Standard Package	Weight per 100 Pounds
	1-1/8x3/8	1-3/8x7/8	25	1

SKIN PACK – Fig. 559-SP

Two Catches Per Card.

Twenty-Five Cards Per Box.

Weight Per Box, 1 Pound.

Sold To Trade In Full Box Only.

FRICITION CATCHES—Fig. 178

All Brass – Adjustable Tension

Illustrations are full size. Supplied complete with oblong strike.

Per Set –

Standard Package, 10 Sets.

FLUSH RING PULLS—Fig. 841

Die Cast Zinc Alloy — Chromium Plated

Each	Size Plate Inches	Standard Package	Weight Ounces
	1-3/4x1-3/8	10	1



Fig. 841

SKIN PACK — Fig. 841-SP

One Pull Per Card

Twelve Cards Per Box

Weight Per Box, 1 Pound

Sold To Trade In Full Box Only



Fig. 841-SP

FLUSH RING PULLS—Fig. 1103

Pressure Cast Silicon Bronze — Chromium Plated

Each	Size Plate Inches	Standard Package	Weight Ounces
	2-9/16x2	5	3-1/2



Fig. 1103



Fig 575

FLUSH HATCH LIFTING RING—Fig. 575

Safety Type — Pressure Cast Silicon Bronze

No recess to catch heels, chair or table legs, etc.

Chromium Plated Each	Size Plate Inches	Inside Ring Inches	Standard Package	Weight Ounces
	2-5/8x2	1	5	3

SKIN PACK — Fig. 575-SP

One Ring Per Card

Twelve Cards Per Box

Weight Per Box, 1½ Pounds

Sold To Trade In Full Box Only



Fig. 575-SP

FLUSH HATCH LIFTING HANDLE—Fig. 1220

Die Cast Zinc Alloy — Chromium Plated

No large recess to catch chairs, heels, table legs, etc.

Each	Dimensions Plated Inches	Inside Handle Inches	Standard Package	Weight Ounces
	3x2-1/4	1-7/8x1	5	3



Fig. 1220

SKIN PACK — Fig. 1220-SP

One Handle Per Card

Ten Cards Per Box

Weight Per Box, 2½ Pounds

Sold To Trade In Full Box Only



Fig. 1220-SP

HEAVY DUTY

FLUSH HATCH LIFTING HANDLE—Fig. 776

Pressure Cast Silicon Bronze — Stainless Steel Pin

No.	Burnished Each	Chromium Plated Each	Dimensions Plate Inches	Inside Handle Inches	Weight Ounces
1			3 x 2-1/4	1-7/8 x 1	3-1/2
2			3-3/4x2-3/4	2-3/16x1-3/16	5-1/2

Standard Package, 5 Pieces.



Fig. 776

SKIN PACK — Fig. 776-SP

No. 1 Chromium Plated

One Handle Per Card

Six Cards Per Box

Weight Per Box, 1¼ Pounds

Sold To Trade In Full Box Only



Fig. 776-SP



Side
Mounting
Fig. 1290



Offset
Mounting
Fig. 1291



Port Side
Fig. 82



Fig. 360



Fig. 1179



Fig. 1180

WINDSHIELD ADJUSTERS—Figs. 1290 & 1291

Die Cast Zinc Alloy — Chromium Plated

Per Pair	Length Overall Inches	Length Adjustment Inches	Diam. Knob Inches	Weight Per Pair Pounds
	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.

Spare Knobs, Specify Fig. 1292.

Spare Arms with Base, Specify Fig. 1290-99 A.
Port or Starboard.



WINDSHIELD ADJUSTERS—Fig. 82

Cast Bronze — Chromium Plated

Per Pair	Length Overall Inches	Length Adjustment Inches	Weight Per Pair Pounds
	12	9-1/2	2-3/8

NOTE — When ordering 1/2 pair, specify whether for port or starboard side.

Spare Thumb Screws, Specify Fig. 82-99 A.

Spare Arms with Base, Specify Fig. 82-99 B.
Port or Starboard



"SKIPPER" WINDSHIELD ADJUSTER—Fig. 360

Chromium Plated — For Heavy Cruiser Windshields

Enables the skipper to adjust the windshield with one hand without leaving the wheel. The large bakelite knob is used for pushing, pulling, tightening or loosening in one operation.

Each	Length Base Overall Inches	Length Windshield Arm Inches	Length of Adjustment Inches	Weight Pounds
	27-1/2	23	22-1/2	3-3/4

Spare Knobs, Specify Fig. 360-99 A.

Spare Slide Body with Plastic Friction Pad.
Specify, Fig. 360-99 B.

Spare End Stanchions, See Fig. 1297.

Special sizes to order, in manufacturing quantities only.



WINDSHIELD ADJUSTERS—Fig. 1179

Heavy Pattern — Chromium Plated

Illustration shows swivel base on left side and swinging base on right.

No.	Each	Length Closed Inches	Length Open Inches	Diam. Outside Tube Inches	Weight Ounces
1		10	18	1/2	9
2		12	20	1/2	11

Spare Thumb Screws, Specify Fig. 1117.

Spare Swinging Base with Female Threaded
Socket, Specify Fig. 1136.



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
	12	21	1/2	10

Spare Thumb Screws, Specify Fig. 1117.

Spare Swinging Base with Female Threaded
Socket, Specify Fig. 1136.

Spare Swinging Base with Male Threaded
Plug, Specify Fig. 1138.

WINDSHIELD ADJUSTERS—Fig. 1116

Chromium Plated

No.	Each	Length Inches	Diam. Rod Inches	Weight Ounces
1		8	3/8	11
2		10	3/8	12
3		12	3/8	13

Spare Thumb Screws, Specify Fig. 1117.

Spare Swivel with Base and Set Screw, Specify Fig. 1116-99 A.



Fig. 1116

HATCH ADJUSTERS—Fig. 797

Chromium Plated — Improved With Stop Teeth in Back of Slide.

Chromium Plated Each	Length Arm Inches	Length Adjustment Inches	Length Slide Inches	Weight Ounces
	10	9-1/2	10-3/4	13

Spare Knobs, Specify Fig. 1292.

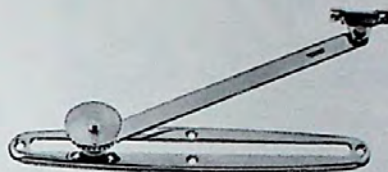


Fig. 797

HATCH FASTENERS OR WINDSHIELD KEEPER—Fig. 155

Brass — Chromium Plated — With Phosphor Bronze Internal Spring

This fastener has strong spring action providing quick grip or release and more than adequate holding power.

Each	Length Overall Inches	Size of Mounting Inches	Standard Package	Weight Ounces
	3-7/8	1-1/2x9/16	5	3-1/4



Fig. 155

WINDSHIELD KEEPER OR HATCH FASTENER—Fig. 697

Chromium Plated

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

A set consists of parts illustrated.



Fig. 697

HATCH FASTENER OR WINDSHIELD KEEPER—Fig. 769

Chromium Plated

Each	Dimensions For Each Base Inches	Standard Package	Weight Ounces
	1-1/2x5/8	10	4-1/2

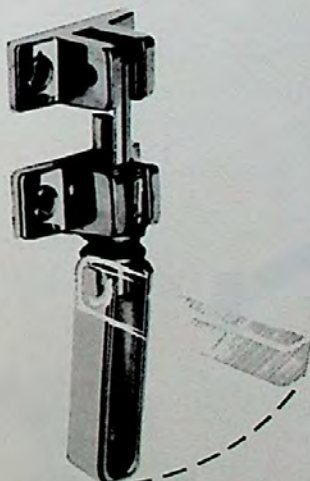


Fig. 769

WINDSHIELD KEEPER OR HATCH FASTENER—Fig. 967

Cast Bronze — Chromium Plated

Per Set	Base Of Keeper Inches	Base of Plate Inches	Length Bolt Inches	Standard Package	Weight Ounces
	1-9/16x1	1-7/8x7/8	1-1/4	10	6



Fig. 967

Fig. 1112

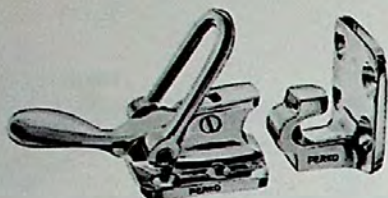


Fig. 1113

Fig. 1112-SP
Fig. 1113-SP



HATCH HOLD-DOWN CLAMPS

Pressure Cast Silicon Bronze – Polished Chromium Plated

An excellent item with many uses, on hatch covers, wind-shields, windows, bait and fish boxes, etc.

Flat Mounting

Fig. 1112

Each	Length Inches	Width Inches	Standard Package	Weight Ounces
	3	1-1/2	5	5-1/2

Spare Keepers, Specify Fig. 1112-99 A.

Angle Mounting

Fig. 1113

Each	Length Inches	Width Inches	Standard Package	Weight Ounces
	2-1/2	1-1/2	5	5-1/2

Spare Keepers, Specify Fig. 1113-99 A.



SKIN PACK – Fig. 1112-SP

SKIN PACK – Fig. 1113-SP

One Clamp Per Card

Three Cards Per Box

Weight Per Box, 1 1/4 Pounds

Sold To Trade In Full Box Only



ANTI-RATTLE DOOR OR HATCH FASTENER—Fig. 1108

Pressure Cast Silicon Bronze – Chromium Plated

Has 1/4 inch hole in lever for padlock.



Fig 1108

Each	Size Base Inches	Standard Package	Weight Ounces
	2-3/4x1-3/4	5	4

Spare Keepers, Specify Fig. 1108-99 A.



HATCH SUPPORT HINGES—Fig. 762

Brass – Chromium Plated

Fig. 762



No.	Length Open Inches	Per Pair	For Screw No.	Weight Per Pair Ounces
1	10		8	10
2	12		8	12
3	14		8	14



SASH OR HATCH FASTENERS—Fig. 770

Pressure Cast Silicon Bronze – Stainless Steel Pin



Fig. 770

Chromium Plated Each	Extreme Length Overall Inches	Width Inches	Length Thread Inches	Standard Package	Weight Ounces
	3-3/4	1-5/8	2-1/4	5	6

Spare Knurled Nut, Specify Fig. 770-99 A.

Spare Keeper, Specify Fig. 770-99 B.

SLIDING WINDOW HANDLE—Fig. 954

18-8 Stainless Steel — Polished — For 1/4 Inch Glass

A useful handle made for easier operation of sliding windows.

Each	Length Inches	Standard Package	Weight Ounces
	3	5	1



Fig. 954

SLIDING WINDOW STOP—Fig. 935

Die Cast Zinc Alloy — Chromium Plated

Each	Mounting Plate Inches	Stopping Plate Inches	Standard Package	Weight Ounces
	1-7/8x3/4	1-1/2x3/4	5	2



Fig. 935

SLIDING WINDOW LOCK AND ANTI RATTLER—Fig. 937

Die Cast Zinc Alloy — Chromium Plated — Bakelite Knob
Plastic Tip

Each	Height Overall Inches	Mounting Plate Inches	*Length Screw Inches	Standard Package	Weight Ounces
	1-5/8	1x5/8	1-1/8	5	1-1/4



Fig. 937

* Between Knob and Tip

Spare Knobs, Specify Fig. 943.
Spare Plastic Tips, Specify Fig. 944.

SKIN PACK — Fig. 937-SP

Two Locks Per Card
Six Cards Per Box
Weight Per Box, 2 Pounds
Sold To Trade In Full Box Only



Fig. 937-SP

SLIDING WINDOW LOCK AND ANTI-RATTLER—Fig. 934

Die Cast Zinc Alloy — Chromium Plated — Bakelite Knob
Plastic Tip

Each	Height Overall Inches	Dimensions Base Inches	*Length Screw Inches	Standard Package	Weight Ounces
	1	2x5/8	1-1/8	5	1-1/4

*Between knob and tip.

Spare Knobs, Specify Fig. 943.
Spare Plastic Tips, Specify Fig. 944.



Fig. 934

TABLE LEG FASTENERS—Fig. 719

Brass — For Fastening Table Leg To Deck

Chromium Plated Each	Length Angle Inches	Width Angle Inches	Standard Package	Weight Ounces
	1-3/8	1	5	3



Fig. 719

Spare Thumb Screws, Specify Fig. 719-99 A.
Spare Angle Brackets, Specify Fig. 719-99 B.

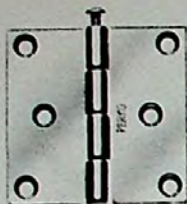


Fig. 1293

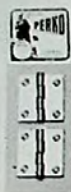


Fig. 1293-SP

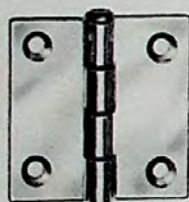


Fig. 952



Fig. 120

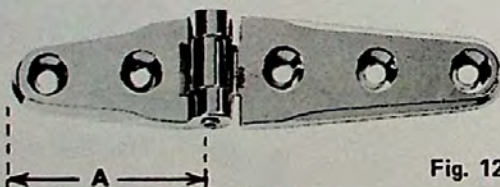


Fig. 122

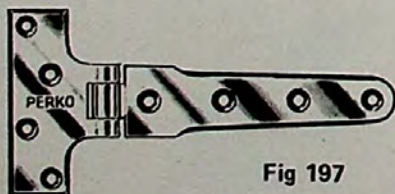


Fig 197

BUTT HINGES—Fig. 1293

Die Cast Zinc Alloy — Chromium Plated
Stainless Steel Removable Pin and Nylon Spacers —
Smooth Operation

No.	Per Pair	Size Open Inches	For Screw No.	Weight Per Pair Ounces
2		1-1/2 x 1-1/2	8	2
3		2 x 1-1/2	8	2-1/2
4		2 x 2	8	3
5		2-1/2 x 2	8	4-1/2
6		2-1/2 x 2-1/2	8	5
7		3 x 3	10	7-1/2

Standard Package, 5 Pairs.

SKIN PACK — Fig. 1293-SP

Size No. 4 — 2"x2"

One Pair Per Card

Ten Cards Per Box

Weight Per Box, 2 1/4 Pounds

Sold To Trade In Full Box Only.

BRONZE BUTT HINGES—Fig. 952

Pressure Cast Silicon Bronze — Very Strong
Stainless Steel Removable Pin

No.	Plain Bronze Finish Per Pair	Polished Chromium Plated Per Pair	Size Open Inches	For Screw No.	Standard Package	Weight Per Pair Ounces
1			1-1/2 x 1-1/4	8	5 Prs.	2
2			1-1/2 x 1-1/2	8	5 Prs.	2-1/2
3			2 x 1-1/2	8	5 Prs.	2-3/4
4			2 x 2	8	5 Prs.	4
5			2-1/2 x 2	8	1 Pr.	5
6			2-1/2 x 2-1/2	8	1 Pr.	6-3/4
7			3 x 3	10	1 Pr.	9-1/2

STRAP HINGES—Fig. 120

Pressure Cast Silicon Bronze — Stainless Steel Pin

No.	Burnished Per Pair	Chromium Plated Per Pair	Length Open Inches	Width At Pin Inches	Standard Package	Weight Per Pair Ounces
1			4	1-1/16	5 Prs.	4
2			6	1-3/8	5 Prs.	6
3			8	1-3/16	1 Pr.	14

SHORTSIDE STRAP HINGES—Fig. 122

Pressure Cast Silicon Bronze — Stainless Steel Pin

Length Open Inches	Chromium Plated Per Pair	Width Inches	For Screw No.	Weight Per Pair Ounces
4-7/8		1-7/8	10	5

Dimension "A" to Center of Pin 2"

"T" HINGES—Fig. 197

Cast Bronze — Stainless Steel Pin

No.	Burnished Per Pair	Chromium Plated Per Pair	Length Open Inches	Width Overall Inches	Standard Package	Weight Per Pair Pounds
1			4	2-1/8	5 Prs.	1/2
2			6	3	1 Pr.	7/8
3			8	3-7/8	1 Pr.	1-1/2

BUY STANDARD PACKAGES

CUDDY DOOR HINGES—Fig. 808

Die Cast Zinc Alloy — Chromium Plated
With Stainless Steel Pins

Per Pair	Length Open Inches	Extreme Width Inches	For Screw No.	Weight Per Pair Ounces
	3	1-1/2	8	3-1/2

Standard Package, 5 Pairs.



Fig. 808

SKIN PACK — Fig. 808-SP

One Pair Per Card

Ten Cards Per Box

Weight Per Box, 2 3/4 Pounds

Sold To Trade In Full Box Only



Fig. 808-SP

HEAVY DUTY CUDDY DOOR HINGES—Fig. 951

Pressure Cast Silicon Bronze — Chromium Plated
18-8 Stainless Steel Pin

No.	Length Open Inches	Per Pair	Width Inches	For Screw No.	Weight Per Pair Ounces
1	3		1-1/2	8	3-1/2
2	4		1-1/2	8	5-1/2

Standard Package, 5 Pairs.



Fig. 951

HEAVY DUTY CABINET HINGES

Pressure Cast Silicon Bronze or Die Cast Zinc Alloy
Surface Type — 18-8 Stainless Steel Pin

Fig. No.	Length Open Inches	Chromium Plated Per Pair	Width Inches	For Screw No.	Weight Per Pair Ounces
987 1	2-1/4		1-1/2	8	3-1/2
987 2	2-3/4		1-1/2	8	4
1213 1	2-1/4		1-1/2	8	3

Dimension "A" — 9/16"

Standard Package, 5 Pairs.

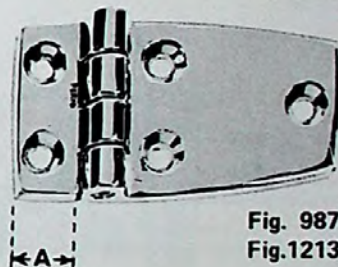


Fig. 987 — Bronze
Fig. 1213 — Die Cast

HEAVY DUTY CABINET HINGES

Pressure Cast Silicon Bronze or Die Cast Zinc Alloy
3/8" Offset Type — 18-8 Stainless Steel Pin

Fig. No.	Length Open Inches	Chromium Plated Per Pair	Width Inches	For Screw No.	Weight Per Pair Ounces
988 1	2-1/4		1-1/2	8	4
988 2	2-3/4		1-1/2	8	5
1214 1	2-1/4		1-1/2	8	4

Dimension "A" — 11/16"

Standard Package, 5 Pairs.

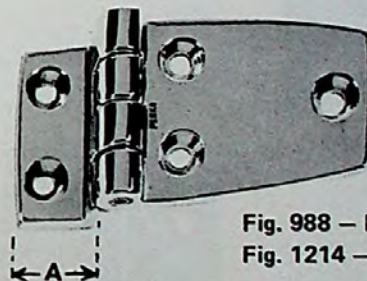


Fig. 988 — Bronze
Fig. 1214 — Die Cast

HEAVY DUTY SHORTSIDE HINGES—Fig. 999

Pressure Cast Silicon Bronze — Chromium Plated
18-8 Stainless Steel Pin

Length Open Inches	Per Pair	Width Inches	For Screw No.	Weight Per Pair Ounces
3-1/2		1-1/2	8	5

Dimension "A" — 1-5/16"

Standard Package, 5 Pairs.

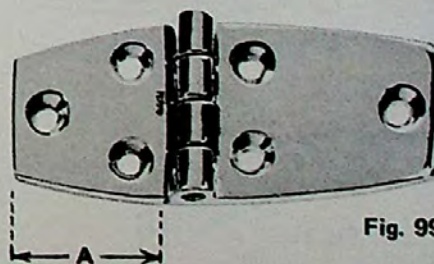


Fig. 999



Fig. 924



Fig. 924-SP



Fig. 1058



Fig. 929

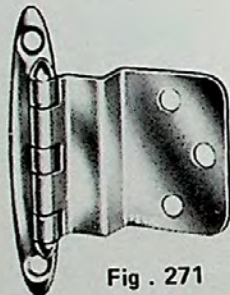


Fig. 271

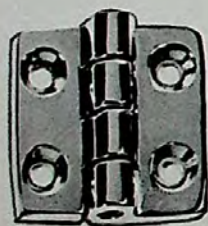


Fig. 941

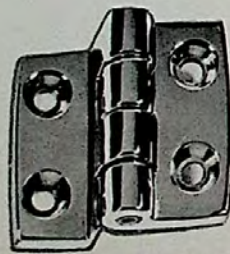


Fig. 942



Fig. 556

CUDDY DOOR HINGES—Fig. 924

Wrought Brass — Thickness .051 Inches — Stainless Steel Pin

Chromium Plated Per Pair	Length Open Inches	Extreme Width Inches	Standard Package	Weight Per Pair Ounces
	3	1-1/2	5 Pairs	2-1/2

SKIN PACK — Fig. 924-SP

One Pair Per Card

Twelve Cards Per Box

Weight Per Box, 2 Pounds

Sold To Trade In Full Box Only

BUTTERFLY HINGES—Fig. 1058

Wrought Brass

No.	Length Open Inches	Width at Pin Inches	Thickness Inches	Weight Per Pair Ounces
1	2-1/4	3/4	.040	1/2
2	3	1-1/16	.045	1-1/2

Standard Package, 10 Pairs.

FLAP HINGES—Fig. 929

Stainless Steel — Polished — Thickness .050 Inches

Per Pair	Length Open Inches	Extreme Width Inches	Standard Package	Weight Per Pair Ounces
	2-1/16	3/4	10 Pairs	1

"SEMI-CONCEALED" HINGE—Fig. 271

Wrought Brass — Chromium Plated

For use on doors with 3/8" inset.

Per Pair	Dimensions Overall Inches	Standard Package	Weight Per Pair Ounces
	2-3/4x2-1/8	10 Pairs	2-1/2

HEAVY DUTY CABINET HINGES — Fig. 941

Die Cast Zinc Alloy — Chromium Plated with Stainless Steel Pin — Surface Type

Per Pair	Size Open Inches	For Screw No.	Weight Per Pair Ounces
	1-1/2x1-1/2	8	2-1/4

Dimension "A" — 1/2"
Standard Package, 5 Pairs

HEAVY DUTY CABINET HINGES — Fig. 942

Die Cast Zinc Alloy — Chromium Plated with Stainless Steel Pin — 3/8" Offset Type

Per Pair	Size Open Inches	For Screw No.	Weight Per Pair Ounces
	1-1/2x1-1/2	8	2-1/2

Dimension "A" — 9/16"
Standard Package, 5 Pairs

LADDER HINGES—Fig. 556

Cast Manganese Bronze — Chromium Plated

Per Pair	Length Open Inches	Width Inches	Standard Package	Weight Per Pair Ounces
	5-3/4	3/4	1 Pair	8

"PULL-OUT" HINGE—Fig. 149

Pressure Cast Silicon Bronze — Chromium Plated
Left Hand

Each	Length Inches	Width at Pin Inches	Standard Package	Weight Ounces
	3-3/4	2	2	5-1/2



Fig. 149
Left Hand

"PULL-OUT" HINGE — Fig. 152

Pressure Cast Silicon Bronze — Chromium Plated
Right Hand

Each	Length Inches	Width at Pin Inches	Standard Package	Weight Ounces
	3-3/4	2	2	5-1/2

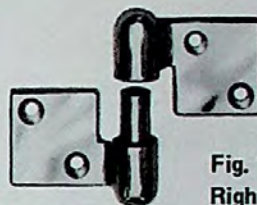


Fig. 152
Right Hand

HATCH HINGES—Fig. 773

Cast Bronze

For use with flush hatch cover.

Burnished Per Pair	Chromium Plated Per Pair	Length Inches	Width Overall Inches	Weight Per Pair Pounds
		3-1/8	2-5/8	1-5/8

Illustration shows one half pair.



Fig. 773

CONTINUOUS HINGE—Figs. 211 & 212

For use on Hatch Covers, Locker Doors, Windshields, etc.
Countersunk holes are two inches apart, center to center.

BRASS — FIG. 211

No.	Chromium Plated Each	Width Open Inches	Length Inches	Thickness Inches	For Screw No.	Weight Pounds
2		1-1/4	72	.040	5	1-1/2
4		1-1/2	72	.040	5	2
6		2	72	.045	6	2-1/2

Standard Package, 10 Pieces. Minimum Quantity, No Broken Packages.

STAINLESS STEEL — FIG. 212

Type No. 304, 18-8, Polished

No.	Each	Width Open Inches	Length Inches	Thickness Inches	For Screw No.	Weight Pounds
2		1-1/4	72	.040	6	1-1/3
4		1-1/2	72	.040	6	2

Standard Package 10 Pieces. Minimum Quantity, No Broken Packages.



Brass, Chromium Plated — Fig. 211
Stainless Steel, Polished — Fig. 212

FLAT HATCH TRIM—Figs. 243 & 258

For finishing around edges of hatch. Drilled and countersunk off center for No. 6 flat head screws.

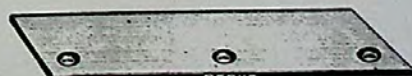
BRASS— FIG. 243

No.	Chromium Plated Each	Width Inches	Length Inches	Thickness Inches	*Standard Package	Weight Pounds
2		1-1/4	72	.040	10	1
4		1-1/2	72	.040	10	1-1/2

STAINLESS STEEL — FIG. 258

Type 304-18-8 — Polished

No.	Each	Width Inches	Length Inches	Thickness Inches	*Standard Package	Weight Pounds
2		1-1/4	72	.040	10	1
4		1-1/2	72	.040	10	1-1/2



Brass, Chromium Plated — Fig. 243
Stainless Steel, Polished — Fig. 258

*Above Standard Package Is Minimum. No Broken Packages.



Fig. 958



Fig. 925

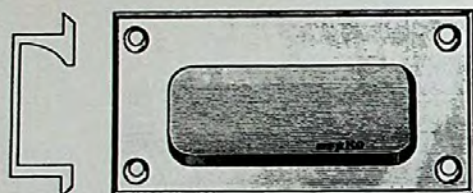


Fig. 1110



Fig. 975



Fig. 610



Fig. 610-SP



Fig. 1106

DRAWER PULLS—Fig. 958

Die Cast Zinc Alloy — Chromium Plated

Each	Width Overall Inches	Width Inside Inches	Standard Package	Weight Ounces
	3-7/16	2-5/16	10	1

DRAWER KNOBS—Fig. 925

Brass — Chromium Plated —
For Drawers Up To 1-1/8" Thick

Each	Diameter Inches	Standard Package	Weight Ounces
	1	10	1-1/2

FLUSH PULLS—Fig. 1110

Die Cast Zinc Alloy — Chromium Plated — For Drawers, Sash Or Sliding Doors

Each	Dimensions Overall Inches	Depth Inches	Standard Package	Weight Ounces
	3-11/16x1-11/16	7/16	5	3

Inside recessed for finger grip as illustrated.

COAT AND HAT HOOK—Fig. 975

Die Cast Zinc Alloy — Chromium Plated

No.	Each	Projection Inches	Width Base Inches	Standard Package	Weight Ounces
1		2	1-1/8	10	1
2		3	1-1/4	10	1-1/2

WARDROBE OR UTILITY HOOK — Fig. 610

Die Cast Zinc Alloy — Chromium Plated

Each	Projection Inches	Width Base Inches	Standard Package	Weight Ounces
	1-3/8	1-1/8	10	1/2

SKIN PACK — Fig. 610-SP

Two Hook Per Card.

Six Cards Per Box.

Weight Per Box, 10 Ounces.

Sold To Trade In Full Box Only.

WARDROBE HOOK—Fig. 1106

Die Case Zinc Alloy — Chromium Plated

Each	Projection Inches	Width Base Inches	Standard Package	Weight Ounces
	3/4	1	10	3/4

SECURITY HINGED HASPS – Fig. 998
 Pressure Cast Silicon Bronze – Chromium Plated
 18-8 Stainless Steel Pin

No.	Each	Length Closed Inches	Width Inches	Weight Ounces
1		2	1	2
2		3	1	3

Spare Keepers, Specify Fig. 998-99A
 Standard Package, 10.



Fig. 998

SECURITY HINGED HASPS—Fig. 979
 Wrought Brass – 14 B. & S. Gauge

Polished Brass Each	Chromium Plated Each	Length Closed Inches	Width Inches	Standard Package	Weight Ounces
		2-7/8	1	10	1-1/4



Fig. 979

SECURITY HINGED HASPS—Fig. 1198
 Zamak Die Casting – Chromium Plated

No.	Each	Length Closed Inches	Width Inches	Standard Package	Weight Ounces
1		2	1	10	1-1/2
2		3	1	10	2-1/4
3		3-3/4	1	10	2-1/2

Spare Keepers, See Fig. 1261

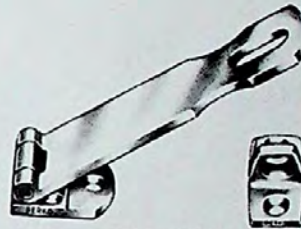


Fig. 1198

SKIN PACK – Fig. 1198-SP
 Size No. 2
 One Hasp Per Card.
 Twelve Cards Per Box.
 Weight Per Box, 2½ Pounds.
 Sold To Trade In Full Box Only.



Fig. 1198-SP

HINGED LOCKING HASP—Fig. 1194
 Die Cast Zinc Alloy – Chromium Plated
 Padlock eye swivels to act as a latch.

Each	Length Closed Inches	Width Inches	Standard Package	Weight Ounces
	3	1	10	2-1/2

Spare Keepers, Specify Fig. 1194-99 A.



Fig. 1194

SKIN PACK – Fig. 1194-SP
 One Hasp Per Card.
 Five Cards Per Box.
 Weight Per Box, 1½ Pounds.
 Sold To Trade In Full Box Only.



Fig. 1194-SP

HAND SCREW DRIVER—Fig. 290
 For "Lift Type" Studs – Steel With Wood Handle



Fig. 290

HAND PUNCH—Fig. 285
 For "Lift Type" Fasteners – Cast Iron With Steel Cutters



Fig. 285

HAND SET TOOL—Fig. 905
 For "Durable Type" Buttons and Eyelets – Steel

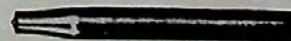


Fig. 905



Fig. 1249

LASHING HOOK—Fig. 1249

For Boat Covers — Die Cast Zinc Alloy — Chromium Plated

Chromium Plated Each	Length Overall Inches	Width Overall Inches	Inside Hook Inches	For Screw No.	Standard Package	Weight Ounces
	15/16	1/2	1/4	6	50	1/2

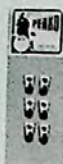


Fig. 1249-SP

SKIN PACK — Fig. 1249-SP

Six Hooks Per Card.

Ten Cards Per Box.

Weight Per Box, 2 1/4 Pounds.

Sold To Trade In Full Box Only.



Fig. 578

BOAT COVER SOCKETS—Fig. 578

Die Cast Zinc Alloy — 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
	3-1/4	1-7/8x7/16	5/8	8	2

Standard Package, 10 Pairs.



Fig. 578-SP

SKIN PACK — Fig. 578-SP

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 3 Pounds.

Sold To Trade In Full Box Only.



Hinge Nos. 1-11



Eye End Nos. 4-5-9



Socket No. 3



Slide Nos. 6-10



Brace Fitting No. 7

Side Plate No. 8



Fig. 395

CONVERTIBLE TOP FITTINGS—Fig. 395

Die Cast Zinc Alloy — Chromium Plated

For 3/4 and 7/8 Inch Tubing

No.	Each	Item
1		Hinge for 3/4 inch fittings
3		Socket for 3/4 inch tubing
4		Eye End for 3/4 inch tubing with .065" Wall
5		Eye End for 3/4 inch tubing with .049" Wall
6		Slide for 3/4 inch tubing
7		Deck Socket for Brace
8		Side Mounting Plate
9		Eye End for 7/8 inch tubing
10		Slide for 7/8 inch tubing
11		Hinge for 7/8 inch fittings

Standard Package 10 pieces.

Average Weight — 2 ounces each.

No. 8 with special screw.

NOTE — Interesting prices on application to large quantity users or buyers. State quantity per order and delivery requirements.



No. 1



No. 3



No. 6

Fig. 395-SP

SKIN PACK — Fig. 395-SP

Part Nos. 1—3—6 Only

Two Fittings Per Card.

Six Cards Per Box.

Weight Per Box, 1 1/4 Pounds.

Sold To Trade In Full Box Only.

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	
898	
900	
901	
906	
907	
917	

Standard Package, 100 Pieces.



Button
Fig. 896



Eyelet
Fig. 907



STUD
For Canvas
Fig. 901



Socket
Fig. 898



STUD
With Wood Screw
Fig. 900



STUD
With Tapping Screw
Fig. 906



STUD
With Machine Screw
Fig. 917

"LIFT TYPE" ALL BRASS FASTENERS Nickel Plated

Stud Figs. 114 & 115 have brass 3/8 inch No. 8 wood screw.
 Stud Fig. 156 is tapped for No. 6-32 screw.
 Stud Fig. 90 has steel 3/8 inch No. 8 self tapping screw.
 Single Studs are used with one Fig. 116 and one Fig. 118.
 Double Studs are used with two Fig. 117 and two Fig. 118.

Fig.	Per 100
60	
62	
90	
114	
115	
116	
117	
118	
156	

Note - Price of Fig. 156 does not include machine screw, just the tapped stud only.

Standard Package, 100 Pieces.



STUD
With Wood Screw
Single Fig. 114
Double Fig. 115



STUD
With Tapping Screw
Single Fig. 90



STUD
For Machine Screw
Single Fig. 156



Clinch Stud
Single Fig. 60



Clinch Washer
Fig. 62



SOCKET
Single Fig. 116
Double Fig. 117



Clinch
Plate
Fig. 118

ALL BRASS CURTAIN FASTENERS Nickel Plated

Stud Fig. 991, has brass 3/8" No. 7 wood screw.
 Single Studs used with one Fig. 996 and one Fig. 997.
 Double Studs used with two Fig. 996 and two Fig. 997.

Fig.	Per 100
991	
994	
995	
996	
997	

Standard Package 100 Pieces.



Flanged Stud
Single Fig. 994
Double Fig. 995



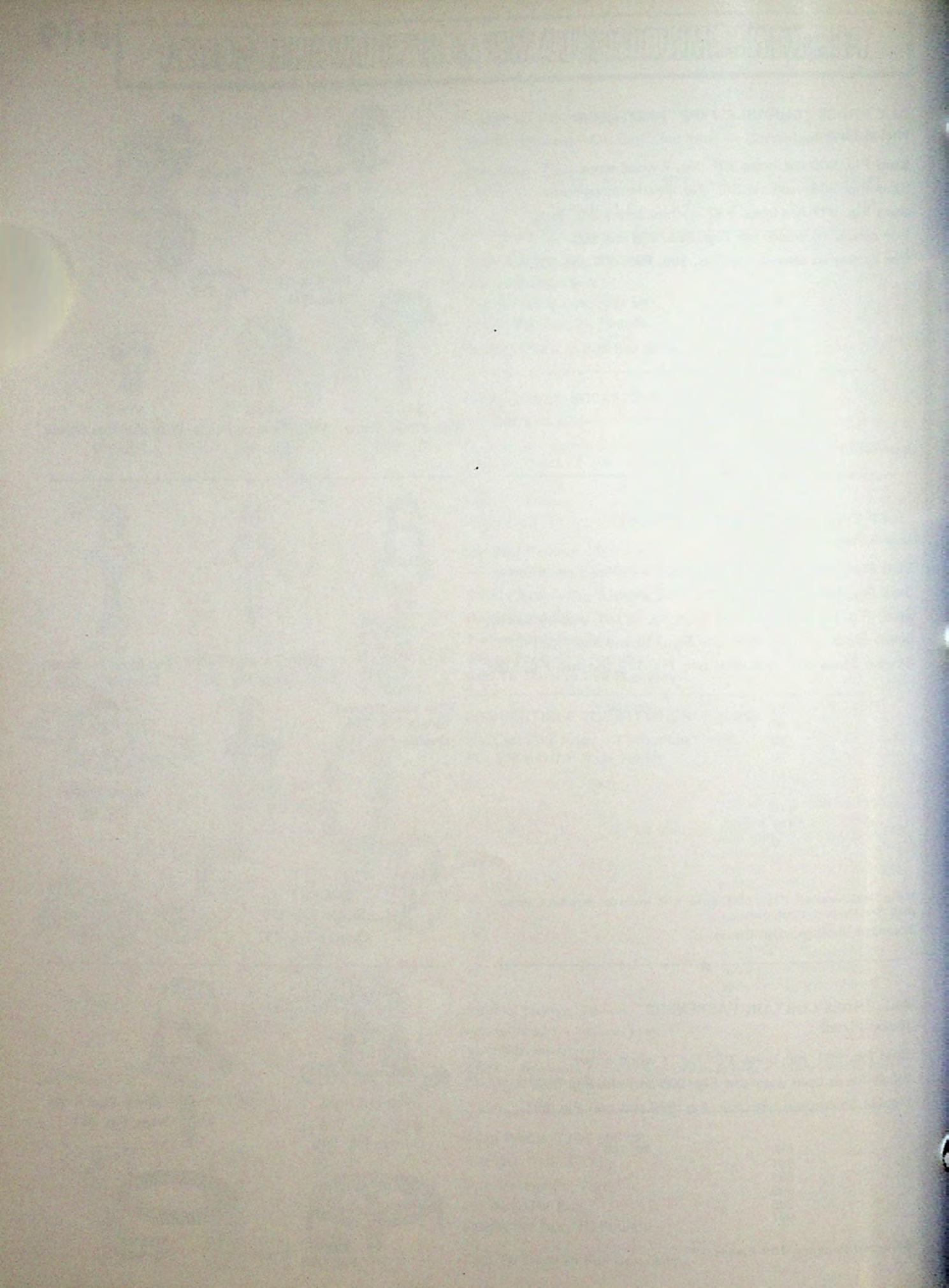
Screw Stud
Single Fig. 991



Eyelet
Fig. 996



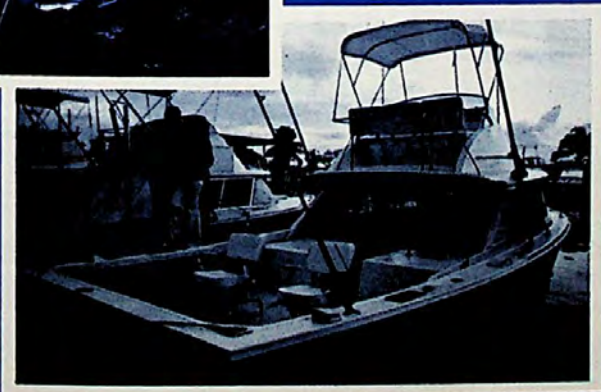
Washer
Fig. 997



PERKO

SECTION K

FISHING EQUIPMENT



MANUFACTURED BY PERKINS MARINE LAMP & HARDWARE CORP., 16490 N.W. 13TH AVE., P.O. BOX D, MIAMI, FLORIDA 33164

FOR COMPLETE LINE SEE CATALOG NO. 325

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PERKINS MARINE LAMP & HARDWARE CORP.



Fig. 460

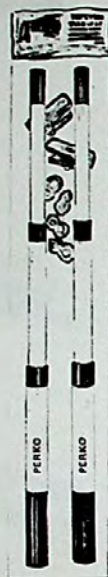


Fig. 476

TELESCOPIC FIBERGLASS OUTRIGGERS—Fig. 460 COMPLETE WITH NECESSARY FIG. 468 GUIDES Hollow — Tapered — With Reinforced Joints

This sturdy model is impervious to heat, cold, moisture and sun. Base and tip are equipped with plugs.

No.	Diameter Base Inches	Overall Length Open Feet	Overall Length Closed Inches	Number of Sections	Weight Pounds
15	1.125	15	66	3	2½
20	1.900	20	99	4	6½

No. 15 will Fit Holders, Figs. 444, 451 or 1314, Size No. 1.

No. 20 will Fit Holders, Figs. 400, 445, Nos. 2 and 3, 451

No. 3 and 470 Nos. 2 and 3.

SPARE SECTIONS SPECIFY

For No. 15	For No. 20
Top — 99A	99D
2nd — 99B	99E
3rd	99F
Bottom — 99C	99G

FIBERGLASS OUTRIGGER KITS—Fig. 476

Consists of 1 pair Fig. 460 No. 15 Poles, 2 Fig. 469 Clips and Fig. 468 Guides.

SOLD TO TRADE IN LOTS OF 3 KITS ONLY.

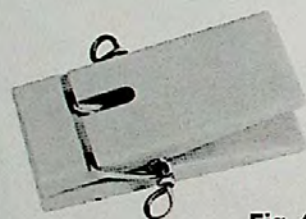


Fig. 469

OUTRIGGER TROLLING PIN OR CLIP—Fig. 469

High Impact Plastic — Orange Color — Stainless Steel Eyes and Spring — All Salt Water Resistant — High Visibility

Dimensions Inches	Standard Package	Weight Ounces
3½ x 1½	10	2¼



Fig. 469-S.P.

SKIN PACK—Fig. 469-S.P.

1 Pair per Card

6 Cards per Box

Weight per Box 3 Pounds.

SOLD TO TRADE IN FULL BOX ONLY.

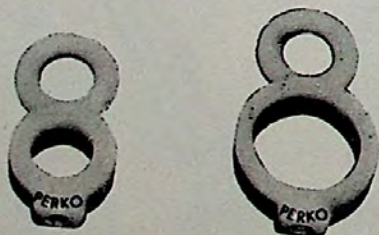


Fig. 468

OUTRIGGER POLE LINE GUIDES—Fig. 468

Nylon — Plastic Headless Set Screw

No.	I.D. Ring Inches	I.D. Guide Inches	Weight Ounces
1	9/16	½	¼
2	5/8	½	¼
3	¾	½	¼
4	1	½	¼
5	1-3/16	½	5/16
6	1½	½	5/16

Standard Package, 6 Pieces.

OUTRIGGER POLES

FIG. 1098

ANODIZED ALUMINUM 4 FOOT SECTIONS

Easily assembled to length desired. Joints are friction fitted and threaded.

Outriggers for rough water and large game fish should be stiff and strong enough to do the job required. These poles will meet that need.

The Guides are nylon and the base of the pole is sleeved with plastic to insulate against corrosion.

No.	"A" Length Assembled Feet	"B" Diameter Base Inches	"C" Quantity Sections	"D" Quantity Guides	Weight Per Pair Pounds
11	11½	1.125	3	2	4½
15	15	1.125	4	2	6
16	15	1.500	4	2	9
18	18½	1.500	5	3	14
19	18½	1.900	5	3	14½
22	22	1.900	6	3	20
25	25	1.900	7	3	27½

FOR ½ PAIR, SPECIFY FIG. 1098—99A AND SIZE.

SPARE SECTIONS

Size No.	Section	Size No.	Section
11-A	TOP	19-B	TOP
11-B	MIDDLE	19-C	SECOND
11-C	BOTTOM	19-D	THIRD
15-A	TOP	19-E	FOURTH
15-B	SECOND	19-F	BOTTOM
15-C	THIRD	22-B	TOP
15-D	BOTTOM	22-C	SECOND
16-B	TOP	22-D	THIRD
16-C	SECOND	22-E	FOURTH
16-D	THIRD	22-F	FIFTH
16-E	BOTTOM	22-G	BOTTOM
18-B	TOP	25-B	TOP
18-C	SECOND	25-C	SECOND
18-D	THIRD	25-D	THIRD
18-E	FOURTH	25-E	FOURTH
18-F	BOTTOM	25-F	FIFTH
		25-G	SIXTH
		25-H	BOTTOM

SPREADERS

FIGS. 1114 & 1115

When extra strength and stiffness is required, spreaders are the answer.

Supplied in packaged kits consisting of spreaders, stainless steel cable, eye bands and turnbuckles.

Fig. 1114 No. 18 Single, for Fig. 1098 Nos. 18 and 19 Poles

Fig. 1114 No. 22 Single, for Fig. 1098 No. 22 Poles

Fig. 1114 No. 25 Single, for Fig. 1098 No. 25 Poles

Fig. 1115 No. 22 Double, for Fig. 1098 No. 22 Poles

Fig. 1115 No. 25 Double, for Fig. 1098 No. 25 Poles



Fig. 1114
SINGLE



Fig. 1115
DOUBLE

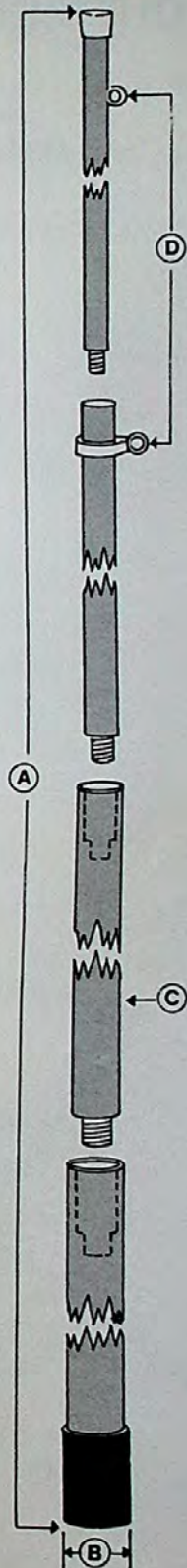
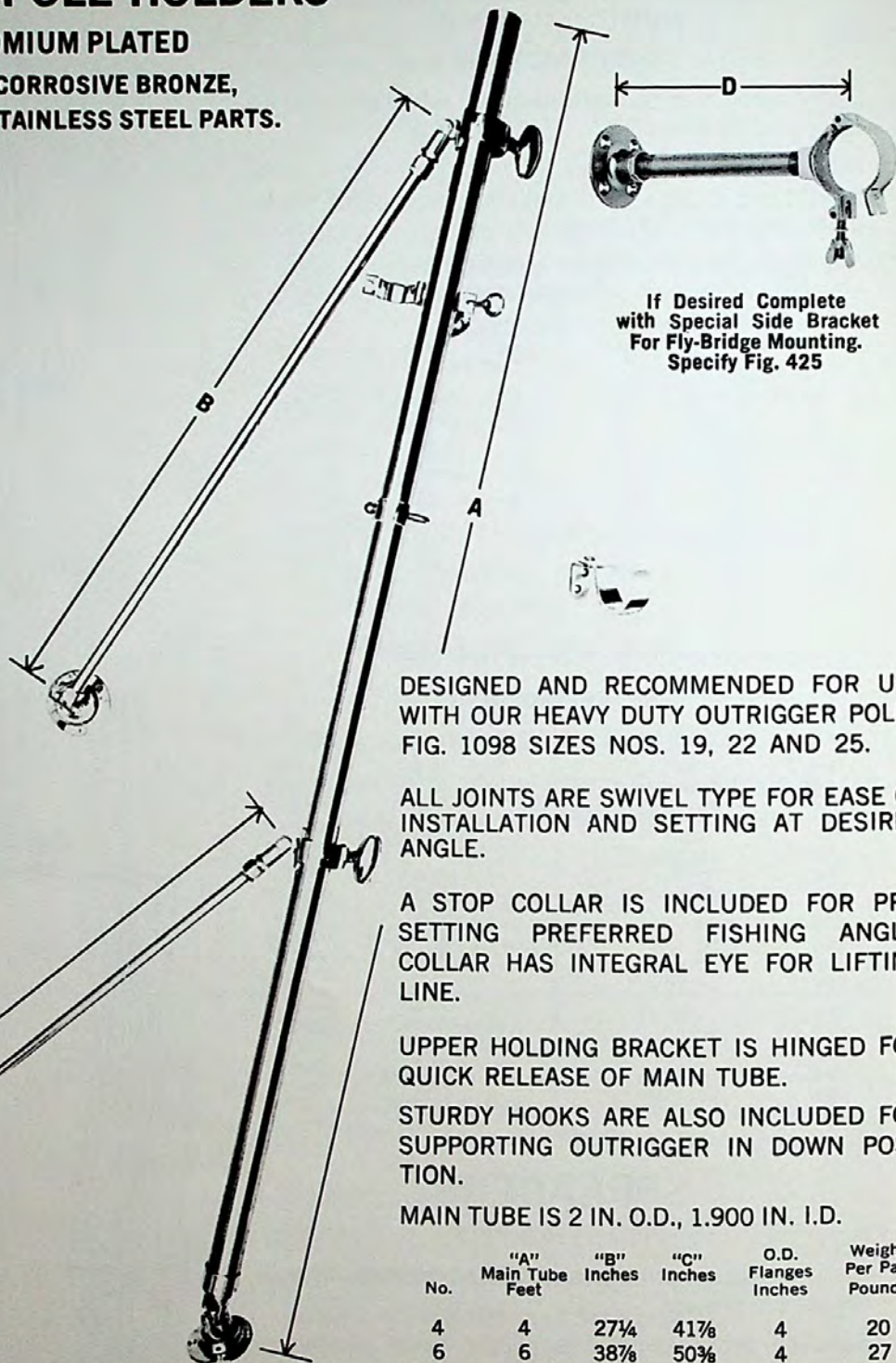


Fig. 1098

"GAMEFISHER" OUTRIGGER POLE HOLDERS

CHROMIUM PLATED
ALL NON-CORROSIVE BRONZE,
BRASS AND STAINLESS STEEL PARTS.



If Desired Complete
with Special Side Bracket
For Fly-Bridge Mounting.
Specify Fig. 425

DESIGNED AND RECOMMENDED FOR USE
WITH OUR HEAVY DUTY OUTRIGGER POLES
FIG. 1098 SIZES NOS. 19, 22 AND 25.

ALL JOINTS ARE SWIVEL TYPE FOR EASE OF
INSTALLATION AND SETTING AT DESIRED
ANGLE.

A STOP COLLAR IS INCLUDED FOR PRE-
SETTING PREFERRED FISHING ANGLE,
COLLAR HAS INTEGRAL EYE FOR LIFTING
LINE.

UPPER HOLDING BRACKET IS HINGED FOR
QUICK RELEASE OF MAIN TUBE.

STURDY HOOKS ARE ALSO INCLUDED FOR
SUPPORTING OUTRIGGER IN DOWN POSI-
TION.

MAIN TUBE IS 2 IN. O.D., 1.900 IN. I.D.

No.	"A" Main Tube Feet	"B" Inches	"C" Inches	O.D. Flanges Inches	Weight Per Pair Pounds
4	4	27 $\frac{1}{4}$	41 $\frac{7}{8}$	4	20
6	6	38 $\frac{7}{8}$	50 $\frac{3}{8}$	4	27
8	8	50 $\frac{3}{8}$	74 $\frac{1}{2}$	4	34

"D"—ADJUSTABLE FROM 8 $\frac{3}{4}$ " TO 9 $\frac{1}{2}$ "

SPARE HOLDING BRACKETS, SPECIFY FIG. 408

SPARE STOP COLLARS, SPECIFY FIG. 409

SPARE LAY DOWN HOOKS, SPECIFY FIG 410 NO. 2

SPARE SPECIAL SIDE BRACKETS ONLY FOR
FLY-BRIDGE MOUNTING, SPECIFY FIG. 426

Fig. 400

OUTRIGGER POLE HOLDERS

CHROMIUM PLATED

STAINLESS STEEL MAIN TUBE — BRASS YOKE TUBING — CAST BRONZE FITTINGS

THE SLIDING CLAMP WITH LARGE HAND GRIP PROVIDES READY ADJUSTMENT FOR ALL PRACTICAL UP AND DOWN POSITIONS.

TO RELEASE THE POLE HOLDER TO A DOWN AND AFT POSITION A STAINLESS STEEL DRIFT PIN IS PROVIDED IN THE SLIDING CLAMP.

MOUNTING YOKES MAY BE INSTALLED IN AN INVERTED POSITION RATHER THAN THAT SHOWN TO ACCOMMODATE THE VARIATIONS SUCH AN INSTALLATION MIGHT ENTAIL.

No.	Fig. 445 Per Pair	Fig. 470 Per Pair	"A" Inches	"B" Inches	O. D. Main Tube Inches	I. D. Main Tube Inches	Weight Per Pair Pounds
1			20	11 $\frac{3}{4}$	1 $\frac{5}{8}$	1.500	17
2			20	11 $\frac{3}{4}$	2	1.900	19 $\frac{1}{2}$
3			35	24	2	1.900	24 $\frac{1}{2}$

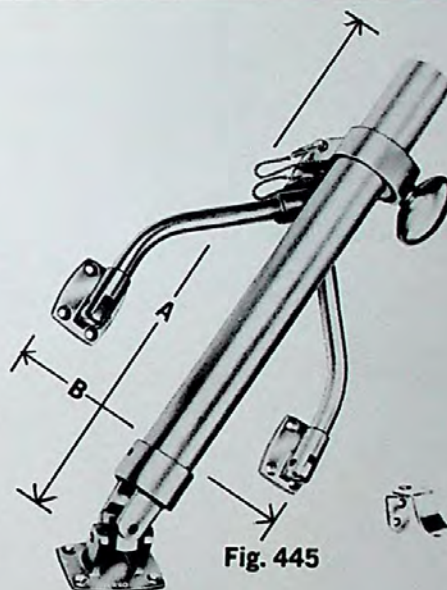
SAILFISH — Fig. 445

Has Swinging (Non-Swivel) Rectangular Mounting base.

Nos. 1 and 2 have clamp on one Mounting Bracket to hold Outrigger in vertical position.

No. 3 has Hinged Holding Bracket as supplied with Fig. 400. Also Stop Collar.

All sizes have Folding Lay-Down Hook.



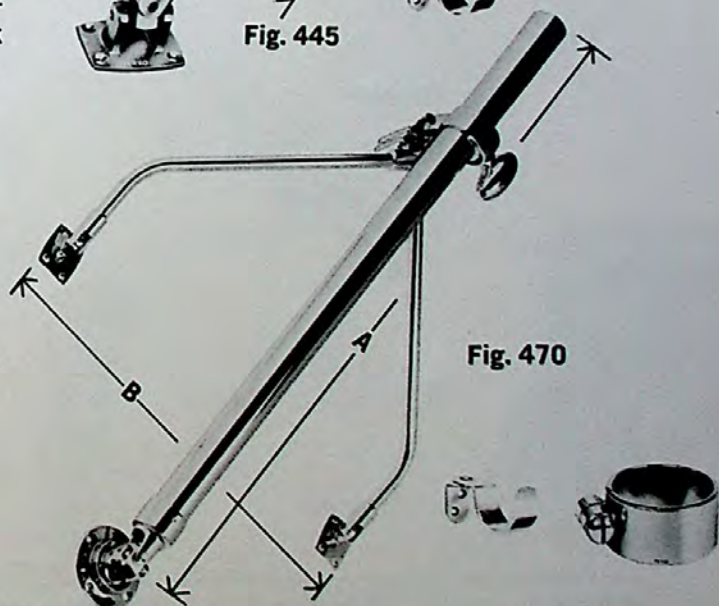
MARLIN — Fig. 470

Has Extra Heavy Swivel Mounting Base which enables the Holder to be mounted on a horizontal deck or a vertical surface such as Cabin Side, Bridge, etc.

Nos. 1 and 2 have clamp on one Mounting Bracket to hold Outrigger in vertical position.

No. 3 has Hinged Holding Bracket as supplied with Fig. 400.

All sizes have Stop Collar and Folding Lay-Down Hook.



SPARE PARTS

Spare Lay Down Hooks, Specify Fig. 410 and Size No.

Spare Stop Collars, Specify Fig. 415 and Size No.

Spare Hinged Holding Brackets, Specify Fig. 408.

SIZE NO. 1 WILL FIT OUTRIGGER POLES FIG. 1098 NOS. 16 and 18.

SIZE NO. 2 WILL FIT OUTRIGGER POLES FIG. 460 NO. 20 AND 1098 NO. 19.

SIZE NO. 3 WILL FIT OUTRIGGER POLES FIGS. 460 NO. 20 AND 1098 NOS. 19, 22, 25.

OUTRIGGER POLE HOLDERS SIDE OR DECK MOUNT TYPE

Requires very little mounting space — Tubes remove for uncluttered decks.
Lift Tube and turn for 3 positions — Vertical, fishing, and lowered for bridges.

Tubes are Universal — May Be Used on Either Side
Supplied in Pairs. A Pair consists of 2 Plates and 2 Tubes.



Fig. 444

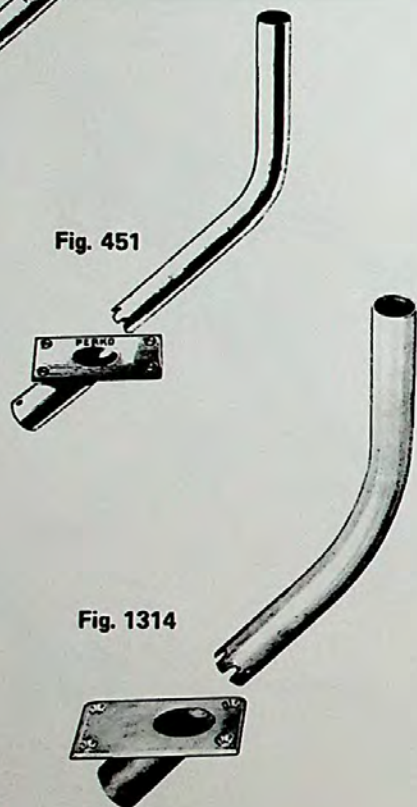


Fig. 451

Fig. 1314



Fig. 1314-SP



SIDE MOUNT—Fig. 444

BRONZE, CHROMIUM PLATED

No.	Outside Diameter Tube Inches	Inside Diameter Tube Inches	Dimensions Bracket Inches	Weight Per Pair Pounds
1	1 1/4	1.125	5 x 2 1/2	5 3/4
2	1 3/8	1.400	6 1/2 x 4	12 1/2

SPARE BRACKETS — SPECIFY FIG 478 AND SIZE NO.
SPARE TUBES — SPECIFY FIG. 479 AND SIZE NO.

DECK MOUNT—Fig. 451

BRONZE, CHROMIUM PLATED

No.	Outside Diameter Tube Inches	Inside Diameter Tube Inches	Dimensions Plate Inches	Weight Per Pair Pounds
1	1 1/4	1.125	5 x 2 1/2	5 1/2
2	1 3/8	1.400	6 x 3 1/2	14
3	2	1.900	8 x 4 1/2	20

SPARE PLATES — SPECIFY FIG. 474 AND SIZE NO.
SPARE TUBES — SPECIFY FIG. 479 AND SIZE NO.

DECK MOUNT—Fig. 1314

CHROMIUM PLATED PLATE.

ANODIZED ALUMINUM TUBE.

For Outrigger Poles, Fig. 460 No. 15

No.	Outside Diameter Tube Inches	Inside Diameter Tube Inches	Dimensions Plate Inches	Weight Per Pair Pounds
1	1 1/4	1.125	5 x 2 1/2	2 1/2

SPARE PLATES — SPECIFY FIG. 1320

SPARE TUBES — SPECIFY FIG. 1321

SKIN PACK—Fig. 1314-S.P.

ONE PAIR PER CARD,
FOUR CARDS PER BOX,
WEIGHT PER BOX, 10 POUNDS
SOLD TO TRADE IN FULL BOX ONLY

SIZE NO. 1 WILL FIT OUTRIGGER POLES FIGS. 460 NO. 15 AND 1098 NOS. 11 AND 15.

SIZE NO. 2 WILL FIT OUTRIGGER POLES FIG. 1098 NOS. 16 AND 18.

SIZE NO. 3 WILL FIT OUTRIGGER POLES FIGS. 460 NO. 20 AND 1098 NO. 19.

FISHING ROD HOLDER — Fig. 1105

CHROMIUM PLATED

FOR MOUNTING ON VERTICAL OR HORIZONTAL RAILS.

Most fishermen will agree that there is no such thing as "too many rod holders" — Here is one for mounting on bow, cockpit or flybridge rails and it's adjustable to any practical angle.

The holder is brass tubing, 2 inches outside diameter, 9 inches long.

The bracket is pressure cast silicon bronze for rails $\frac{3}{4}$ to 1 inch diameter.

The soft white vinyl liner saves wear and tear on the rod. It's inside diameter is $1\frac{3}{4}$ inches.

Packed one per box, weight $1\frac{1}{4}$ pounds.

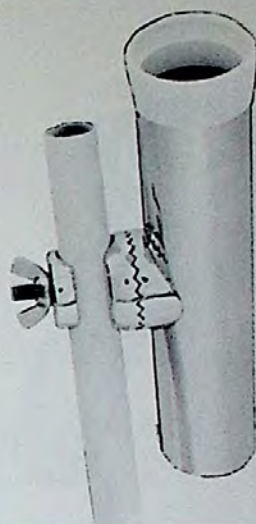


Fig. 1105

SKIN PACK—Fig. 1105-SP

**One Holder Per Card,
Three Cards Per Box,
Weight Per Box $4\frac{1}{2}$ Pounds**

Sold to trade in full box only.

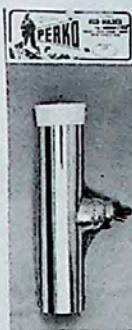


Fig. 1105-SP

HEAVY DUTY

FISHING ROD HOLDER — Fig. 404

CHROMIUM PLATED

The holder is heavy gauge brass tubing.

The side mounting brackets are cast bronze.

The soft white vinyl liner prevents scarring the rod and adds a finished appearance to the holder.

No.	Inside Diameter Liner Inches	Outside Diameter Tube Inches	Length Inches	Width Bracket Inches	Weight Pounds
1	$1\frac{3}{4}$	2	10	4-3/16	$1\frac{5}{8}$
2	2	$2\frac{3}{4}$	11	4-3/4	$2\frac{1}{2}$

Fig. 404



Spare Brackets, Specify Fig. 404—99A

FISHING ROD HOLDERS—Fig. 449

**Heavy Brass Tubing — Manganese Bronze Castings
Chromium Plated — With Soft White Vinyl Liner**

Adaptable to any desired part of the boat, this holder is easily removed when not in use, leaving no projecting hardware.

Inside Diameter Liner Inches	Outside Diameter Tube Inches	Dimensions Mounting Bracket Inches	Weight Complete Pounds
$1\frac{3}{4}$	2	4 x $3\frac{3}{4}$	$2\frac{1}{4}$

**Spare Holders, Specify Fig. 449—99A
Spare Brackets, Specify Fig. 449—99B**

CAN BE MOUNTED ON GUNWALE OR DECK



Fig. 449

PERKINS MARINE LAMP & HARDWARE CORP.



Fig. 1205

FISHING ROD HOLDER — FIG. 1205

CHROMIUM PLATED FLANGE
ANODIZED ALUMINUM TUBE
SOFT WHITE VINYL LINER

Inside Diameter Liner Inches	Outside Diameter Tube Inches	Length Under Flange Inches	Dimensions Flange Inches	Weight Pounds
1½	2	8	4¼ x 3½	1

Supplied with Closed Bottom — Specify Fig. 1206



Fig. 1205-S.P.

SKIN PACK — Fig. 1205-S.P.

One holder per card,
Four cards per box,
Weight per box, 4½ pounds

Sold to Trade in Full Box Only.



Fig. 448

BRONZE FISHING ROD HOLDERS — Fig. 448

Chromium Plated Flange — Brass Tube
White Soft Vinyl Liner

No.	Inside Diameter Liner Inches	Outside Diameter Tube Inches	Length Under Flange Inches	Dimensions Flange Inches	Weight Pounds
1	1½	2	8	4¼ x 3½	1¼
2	1¾	2¼	9¼	4¾ x 4	2

No. 1 Supplied with Closed Bottom, Specify Fig. 458.



Fig. 452

ALL STAINLESS STEEL FISHING ROD HOLDERS — Fig. 452 18-8 SS — Polished

Soft White Vinyl Liner — Heavy Under Flange Gasket

Inside Diameter Liner Inches	Outside Diameter Tube Inches	Length Under Flange Inches	Dimensions Flange Inches	Weight Pounds
1½	2	8¼	4½ x 3¾	7/8

Supplied with Closed Bottom, Specify Fig. 459.

Spare Gaskets, Specify Fig. 452—99A.

FISHING ROD HOLDERS—Fig. 1100

All Brass — Chromium Plated — With Soft White Vinyl Liner

Liner

Inside Diameter Liner Inches	Outside Diameter Tube Inches	Length Overall Inches	Width Bracket Inches	Weight Oz.
1¾	2	9	3	16

Spare Brackets, Specify Fig. 1107



Fig. 1100

VINYL FISHING ROD HOLDERS — Fig. 1104

With Chromium Plated Brass Brackets

Length Overall Inches	Inside Diameter Inches	Outside Diameter Inches	Width Bracket Inches	Weight Ounces
9	1¾	2	3¾	12

Spare Brackets, Specify Fig. 1107



Fig. 1104

SKIN PACK — Fig. 1104-S.P.

The Above Vinyl Fishing Rod Holder is Available in Skin Pack.

One Holder per Card

Six Cards per Box

Weight per Box 6 Pounds

Sold to Trade in Full Box Only.



Fig. 1104-S.P.

ADJUSTABLE FISHING ROD HOLDERS — Fig. 475

Plain or Chromium Plated

Heavy Brass Tubing — Manganese Bronze Castings

— With Soft White Vinyl Liner

May be adjusted quickly to any desired angle or position vertically or horizontally. Locked by large thumb bolt illustrated.

Inside Diameter Liner Inches	Outside Diameter Tube Inches	Length Tube Inches	Dimensions Base Inches	Weight Pounds
1¾	2	9½	3¾ x 2¼	3¾

Spare Tube with Quadrant, Specify Fig. 475—99A

Spare Adjusting Saddle for Quadrant, Specify Fig. 475—99B

Spare Eye Bolts with Washer, Specify Fig. 475—99C

Specify Finish on Spares, Plain or Chrome



Fig. 475

SOFT WHITE VINYL LINERS

FOR ROD HOLDERS

Fig.	Size No.	Inside Diameter Inches	Weight Ounces
482	1	1½	1
482	2	1⅞	1
483	1	1¾	½
483	2	2	1

Fig. 482 No. 1 Fits Fig. 448 No. 1, Figs. 452 and 1205

Fig. 482 No. 2 Fits Fig. 448 No. 2

Fig. 483 No. 1 Fits Fig. 404 No. 1 Figs. 449, 475, 1100 and 1105

Fig. 483 No. 2 Fits Fig. 404 No. 2



Fig. 482



Fig. 483

PERKO

FIG. 468
LINE GUIDES

Figs. 460 or 1098 Poles

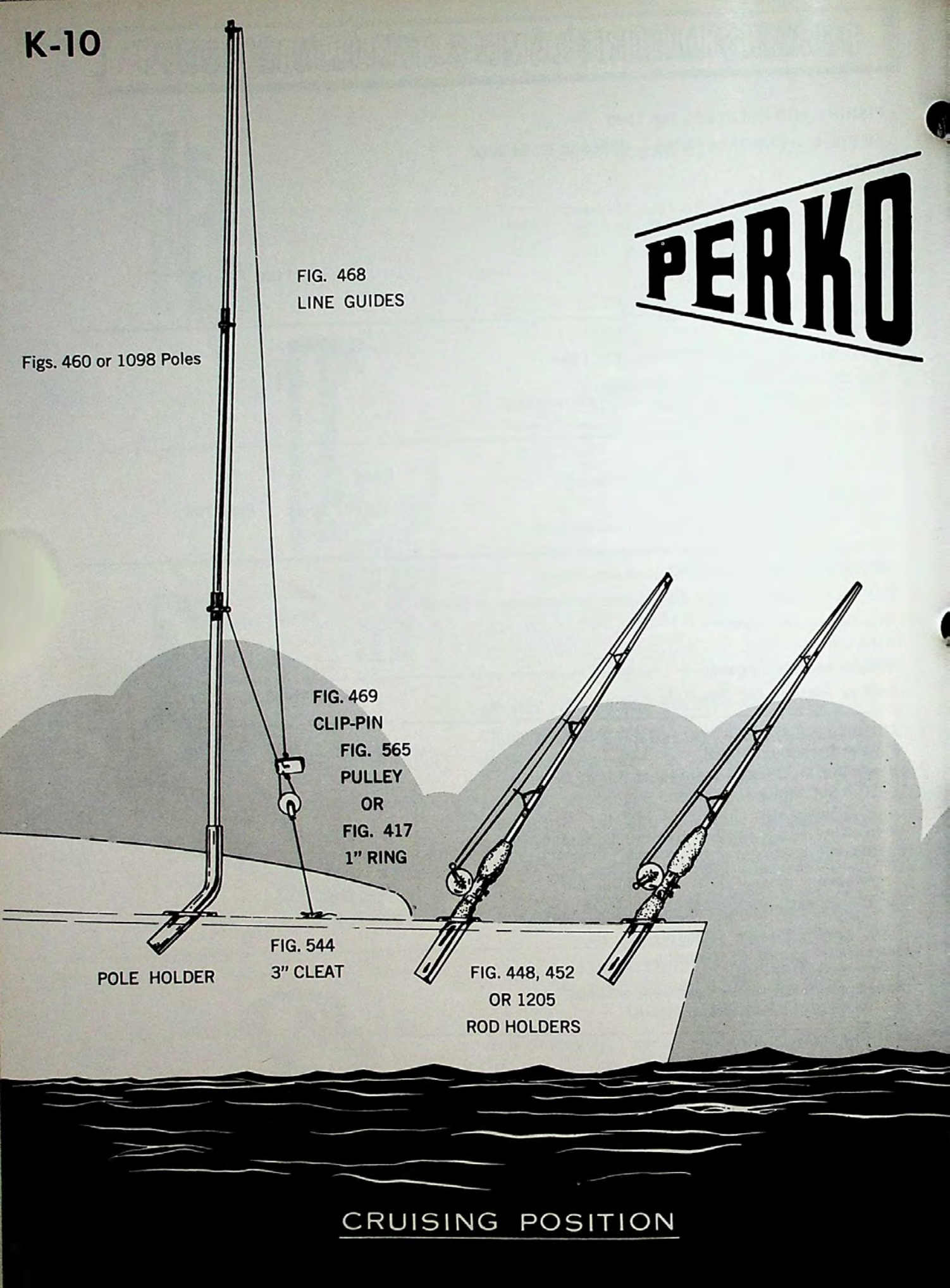
FIG. 469
CLIP-PIN
FIG. 565
PULLEY
OR
FIG. 417
1" RING

POLE HOLDER

FIG. 544
3" CLEAT

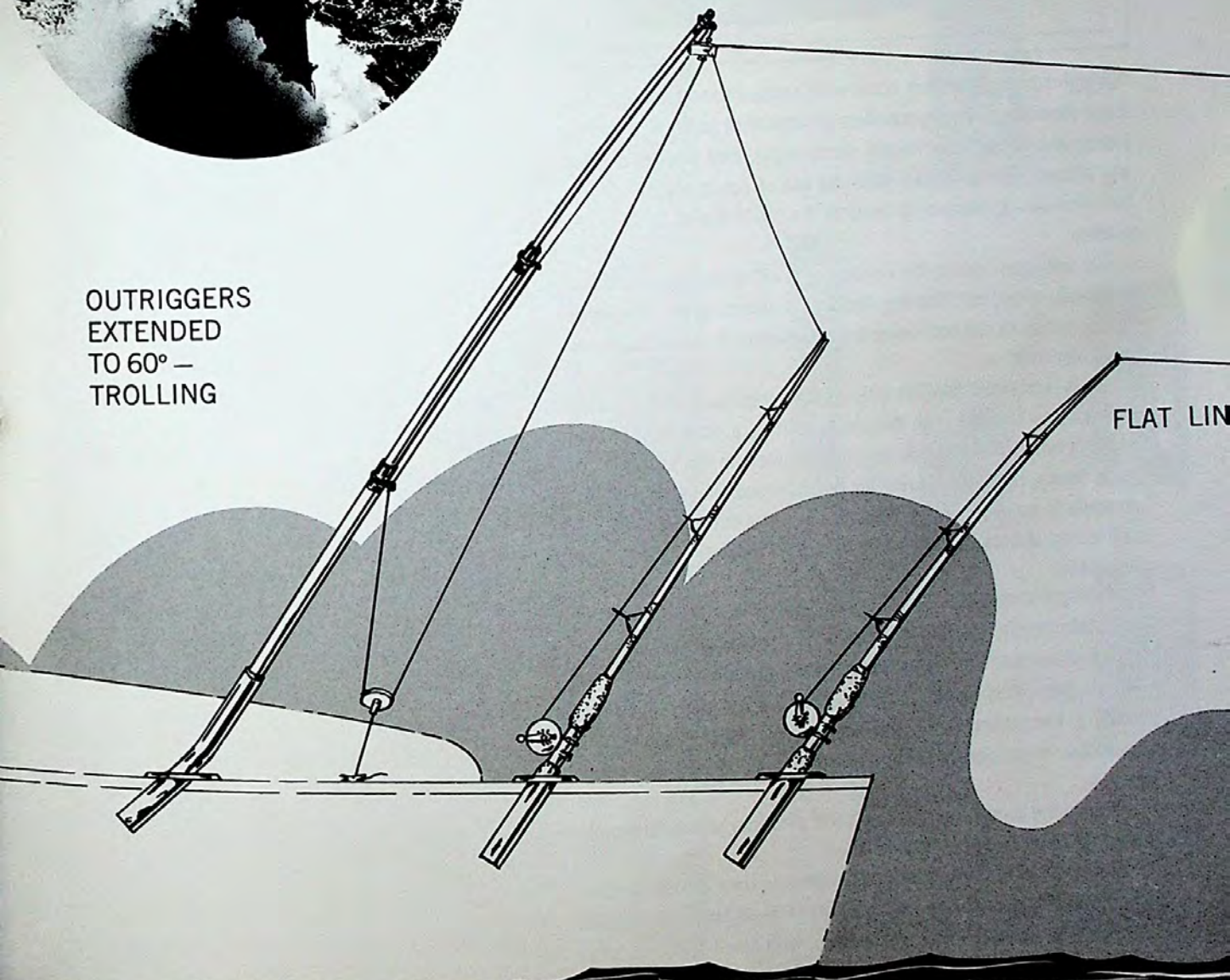
FIG. 448, 452
OR 1205
ROD HOLDERS

CRUISING POSITION





OUTRIGGERS
EXTENDED
TO 60° —
TROLLING



FLAT LINE

TROLLING POSITION



THE USAGE OF OUTRIGGERS

by "Hank" Gartner

Outriggers for sport fishing boats were devised some time ago when it was observed that many members of the billfish family would strike sharply at a trolled bait, literally destroying it, then proceed on their way without getting hooked. With the use of outriggers, the fishing line after leaving the rod tip leads to the "trolling pin" in its raised position.

The line after leaving the pin proceeds aft to the proper position in the wake of the boat that the captain deems best to give the proper trolling action to the bait being trolled whether it be mullet, balao, squid, line bait, etc.

Using outriggers, the fish after striking vigorously at the trolled bait releases the line from the pin permitting a slack loop of line, which in turn lets the struck bait lie motionless in the water.

In theory, the fish believing his prey stunned, grabs the bait and attempts to make off with it. When the fish runs out of the slack loop of line and is brought up by that taut line, theoretically he should be hooked.

Outriggers with their "trolling pin," lead lines and guides should be installed on the boat as indicated in the accompanying diagrams. Modifications may be necessary to accommodate each individual owner's boat. It is recommended to have the top guide (Perko Fig. #468) a few inches down from the extreme tip of the pole, this precludes the possibility of the pin wrapping around and tangling on the pole.

Should the owner wish to install dual pins they should be approximately 3' apart on the same lead line.

Outrigger poles should be parallel when in their vertical position. To accomplish this, it may be necessary to build up the deck under the bases of the outrigger pole holders with small teak wedges or fiberglass putty.

The small cleats (Perko Fig. #544-3") should be secured aft of the outrigger base, thus keeping the "trolling pin" line clear of the outrigger pole and the return line.

PERKINS MARINE LAMP & HARDWARE CORP.

16490 NORTHWEST 13TH AVENUE • P.O. BOX D • MIAMI, FLORIDA 33164

PERKO

SECTION L

SKIN PACK



MANUFACTURED BY

PERKINS MARINE LAMP & HARDWARE CORP., 16490 N. W. 13TH AVE., P. O. BOX D, MIAMI, FLORIDA 33164

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For complete line see catalog No. 225



Fig. 1310 SP

"CHROMALEX"® COMBINATION BOW LIGHT—Fig. 1310-SP

Die Cast Zinc Alloy — Chromium Plated — Black Plastic Base
— Red and Green Fresnel Lenses.

Non Corrosive Double Contact Electric Socket with 12 Volt,
No. 1004 Lamp.

Height Inches	Size Base Inches
1- $\frac{3}{4}$	4x3- $\frac{1}{8}$

One Light Per Card.
Six Cards Per Box.
Weight Per Box, 2 $\frac{1}{2}$ Pounds.

CERTIFIED



Fig. 1218 SP



"RANGER" COMBINATION BOW LIGHT — Fig. 1218-SP

Die Cast Zinc Alloy — Chromium Plated — Red and Green
Fresnel Lenses — Double Contact Electric Socket — With 12
Volt, No. 1004 Lamp.

Height Inches	Size Base Inches	Height Lens Inches	Staff Socket Inches
3- $\frac{1}{2}$	6- $\frac{1}{4}$ x 3- $\frac{7}{8}$	2- $\frac{1}{2}$	$\frac{3}{4}$

One Light Per Card.
Three Cards Per Box.
Weight Per Box, 4 Pounds.

CERTIFIED

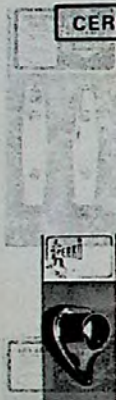


Fig. 1146 SP

"LITTLE JOE" COMBINATION BOW LIGHT — Fig. 1146-SP

Die Cast Zinc Alloy — Chromium Plated — With 12 Volt,
No. 1416 Lamp — Miniature Bayonet Socket.

Height Inches	Base Inches	Height Lens Inches	Staff Socket Inches
2- $\frac{1}{4}$	4 $\frac{1}{2}$ x 2- $\frac{3}{8}$	1- $\frac{7}{8}$	$\frac{1}{2}$

One Light Per Card.
Three Cards Per Box.
Weight Per Box, 1 $\frac{3}{4}$ Pounds.

CERTIFIED



Fig. 972 SP

"CHROMALEX"® COMBINATION BOW LIGHT — Fig. 972-SP

Brass — Chromium Plated Black Plastic Base.
20 Points — 225 Degrees — Red and Green Lenses
1 Mile Visibility — Miniature Bayonet Electric Socket.

With 12 Volt, No. 1416 Lamp

Height of Light Inches	Diameter Base Inches	Diameter Neck Inches	Length Neck Inches
1- $\frac{5}{8}$	2- $\frac{3}{8}$	$\frac{3}{4}$	$\frac{1}{2}$

One Light Per Card.
Four Cards Per Box.
Weight Per Box, 1 Pound.

CERTIFIED

Sold To Trade In Full Box Only

All Above Lights Are Certified And Designed To Comply With U.S.C.G. Inland And International Rules, When Equipped With Bulbs Indicated

**"CHROMALEX"® INTERNATIONAL NAVIGATION LIGHTS
BRASS - CHROMIUM PLATED BLACK PLASTIC BASE**

WITH STAINLESS STEEL SELF TAPPING SCREWS FOR MOUNTING

SIDE LIGHTS - Fig. 955-SP

10 Points - 112½ Degrees - 1 Mile Visibility.

Certified with No. 90, 12 Volt, 6 C.P. Lamp Supplied with Lights.

Non Corrosive Double Contact Socket.

Red and Green High Intensity Fresnel Lenses.

Length Inches	Width Inches	Depth Inches
4-¼	2-¾	1-¾

One Pair Per Card.

Four Cards Per Box.

Weight Per Box 2 Pounds.

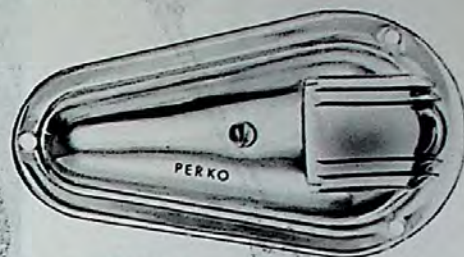


Fig. 955-SP

CERTIFIED

BOW OR MASTHEAD LIGHT - Fig. 964-SP

20 Points - 225 Degrees - Clear Lens.

3 Mile Visibility.

Certified With No. 1416, 12 Volt, 8 C.P. Lamp Supplied

With Light Miniature Bayonet Type Socket.

Height of Light Inches	Diameter Base Inches	Diameter Neck Inches	Length Neck Inches
1-5/8	2-3/8	3/4	1/2

One Light Per Card.

Four Cards Per Box.

Weight Per Box 1 Pound.



Fig. 964-SP



CERTIFIED

TRANSOM STERN LIGHT - Fig. 945-SP

12 Points - 135 Degrees - Clear Lens.

2 Mile Visibility.

Certified With No. 1416, 12 Volt, 8 C.P. Lamp Supplied With

Light Miniature Bayonet Type Socket.

Height of Light Inches	Diameter Base Inches	Diameter Neck Inches	Length Neck Inches
1-5/8	2-3/8	3/4	1/2

One Light Per Card.

Four Cards Per Box.

Weight Per Box 1 Pound.



Fig. 945-SP



CERTIFIED

STERN LIGHT - Fig. 965-SP

12 Points - 135 Degrees - Clear Lens.

2 Mile Visibility.

Certified With No. 1416, 12 Volt, 8 C.P. Lamp Supplied With

Light - Miniature Bayonet Type Socket.

Height of Light Inches	Diameter Base Inches	Diameter Neck Inches	Length Neck Inches
1-5/8	2-3/8	3/4	1/2

One Light Per Card.

Four Cards Per Box.

Weight Per Box 1 Pound.



Fig. 965-SP



CERTIFIED

Sold To Trade In Full Box Only

All Above Lights Are Certified And Designed To Comply With U.S.C.G. Inland And International Rules, When Equipped With Bulbs Indicated

PERKINS MARINE LAMP & HARDWARE CORP.

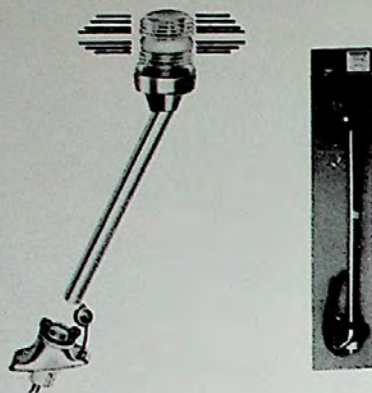


Fig. 1330 SP

REMOVABLE STERN POLE LIGHTS – Fig. 1330-SP

Polished Chromium Plated – Die Cast Zinc Alloy Globe Holder and Base – High Intensity Fresnel Globe – Non Corrosive Electric Socket With 12 Volt Lamp, No. 90 – Anodized Aluminum Pole. Base Length 3-3/8" – Width 1-5/8". Maximum Height of Light, 24 Inches.

Has Two Prong Electric Plug in bottom of Pole for Electric Socket in Base.

Pole is instantly removable for stowing away.

One Light Per Card.

Five Cards Per Box.

Weight Per Box, 5 Pounds.

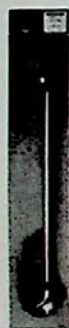


Fig. 1311 SP

"CHROMALEX"® STERN POLE LIGHTS – Fig. 1311-SP

Polished Chromium Plated – Die Cast Zinc Alloy Globe Holder and Base – Clear High Intensity Fresnel Globe – Delrin Non-Corrosive D.C. Socket – Complete With 12 Volt Lamp, No.90.

Base Dimension 3-3/8"x1-5/8". Maximum Height of Light, 24 Inches.

One Light Per Card.

Five Cards Per Box.

Weight Per Box, 4½ Pounds.

ABOVE LIGHTS ARE CERTIFIED AND DESIGNED TO COMPLY WITH U.S.C.G. INLAND AND INTERNATIONAL RULES WHEN EQUIPPED WITH LAMPS INDICATED.

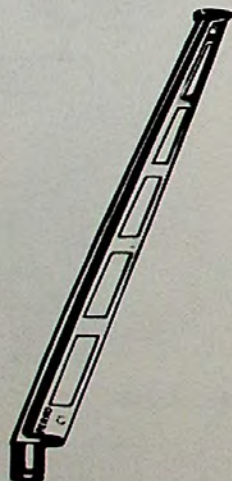


Fig. 1239-SP

FLAG STAFF – Fig. 1239-SP

Die Cast Zinc Alloy – Chromium Plated.

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

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

Length Overall Inches	Diameter of Base Inches
12	¾

One Staff Per Card.

Six Cards Per Card.

Weight Per Box, 4½ Pounds.

BULKHEAD FIXTURE – Fig. 217-SP
 Die Cast Zinc Alloy – Chromium Plated.
 Medium Screw Socket – Turn Switch.

Size Base Inches	Projection Inches
2-1/2 x 1-3/4	2-5/8

One Fixture Per Card.
 Six Cards Per Box.
 Weight Per Box, 4 Pounds.



Fig. 217-SP

DOME LIGHTS – Fig. 300-SP
 Die Cast Zinc Alloy – Chromium Plated.
 Double Contact Socket – Push Switch.

Diameter Glass Inches	Diameter Overall Inches	Depth Overall Inches
4	5-3/8	1-7/8

One Light Per Card.
 Three Cards Per Box.
 Weight Per Box, 2 1/4 Pounds.



Fig. 300-SP

ADJUSTABLE UTILITY FIXTURE – Fig. 1254-SP
 Zinc Alloy Die Casting – Chromium Plated – Bayonet
 D.C. Socket – Complete With 12 Volt 6 C.P. Lamp –
 Shield Swivels To Any Desired Position.

A shielded light serving numerous requirements. For berths,
 instrument panels, chart table, etc.

Diameter Overall Inches	Length Neck Inches	O.D. Neck Inches
2-5/8	3/4	7/8

One Fixture Per Card.
 Four Cards Per Box.
 Weight Per Box, 2 Pounds



Fig. 1254-SP

UTILITY LIGHT – Fig. 140-SP
 White Nylon – With 12 Volt Lamp.
 For instruments, charts or general fair illumination.

Size Inches
1-3/8 x 5/8

One Light Per Card.
 Ten Cards Per Box.
 Weight Per Box, 1/2 Pound.

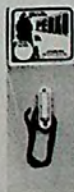


Fig. 140-SP

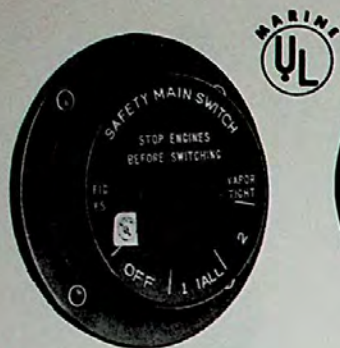


Fig. 85-SP



Fig. 96-SP

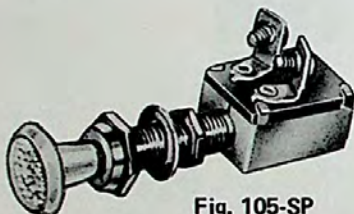


Fig. 105-SP

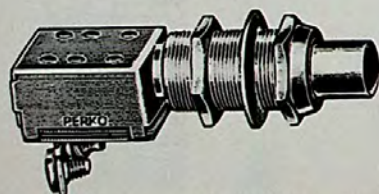


Fig. 255-SP

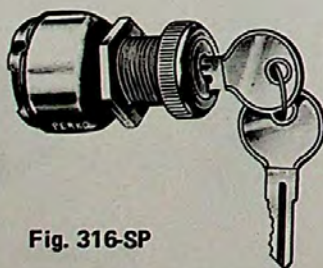


Fig. 316-SP

IMPROVED SAFETY MAIN SWITCHES

Figs. 85-SP and 96-SP

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

For Use With Alternators or Generators.

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

Supplied for flush mounting with battery cable through bulkhead.

Tested and accepted for labeling and listing by the Underwriters Laboratories, Inc.

Fig. 85-SP for 2 or more batteries.

Fig. 96-SP for a single battery.

Diameter Inches	Depth Inches
5	1- $\frac{3}{4}$

One Switch Per Card.

Three Cards Per Box.

Weight Per Box, 4 Pounds.



PUSH AND PULL SWITCHES – Fig. 105-SP

$\frac{1}{4}$ Inch Knob – 20 Amp. – Chromium Plated Knob – Brass Housing.

No.	Diam. Neck Inches	For Wood Thickness Inches	Length Overall Inches	Diam. Knob Inches
1	$\frac{3}{8}$	1	3	$\frac{3}{4}$

One Switch Per Card.

Twelve Cards Per Box.

Weight Per Box, 3 Pounds.



MOMENTARY STARTER SWITCH OR DASHBOARD HORN BUTTON – Fig. 255-SP

All Brass – Push Button Type – 2 Point, 2 Terminal Spring Action – Chromium Plated Button – 15 Amp.

No.	Diameter Neck Inches	For Wood Thickness Inches
1	$\frac{5}{8}$	1

One Switch Per Card.

Six Cards Per Box.

Weight Per Box, 3 Pounds.



IGNITION LOCK SWITCH – Fig. 316-SP

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

No.	Diameter Neck Inches	Length Neck Inches
1	$\frac{3}{4}$	$\frac{3}{4}$

One Switch Per Card.

Six Cards Per Box.

Weight Per Box, 2 Pounds.

PUSH TYPE SWITCH – Fig. 703-SP

Non Magnetic – With 6 Inch Wire Leads

Length Neck Inches	Diameter Neck Inches	Between Lock Nuts Inches
3/8	3/8	1/8

One Switch Per Card.
Six Cards Per Box.
Weight Per Box, 9 Ounces.



Fig. 703-SP



FUSED LINE CONNECTOR – Fig. 786-SP

Molded Bakelite – With 20 AMP. Fuse and Wire Leads.

For Standard Glass Fuses 1 1/4 Inches Long.

Length Inches	Diameter Inches
2-1/8	5/8

One Connector Per Card.
Ten Cards Per Box.
Weight Per Box, 3/4 Pound.



Fig. 786-SP



MOLDED LINE CONNECTORS – Fig. 720-SP

Waterproof Bodies – Color Coded Wires.

Polarized for proper mating of circuits. Conductors precision aligned and molded in S.A.E. Type P.V.C. insulation for minimum voltage drop and ease in making and breaking connections.

12 inch long wires on male and female sides.

Poles	Width Inches	Weight Per Box Ounces
2	5/8	6-1/4
3	7/8	9
4	1-1/8	11-1/4

One Connector Per Card.
Five Cards Per Box.
Specify Size.



Fig. 720-2



Fig. 720-3



Fig. 720-4



Fig. 720-SP



TRAILER CONNECTOR KIT – Fig. 743-SP

Die Cast Zinc Alloy – Chromium Plated. 12 Volt – Complete With Mounting Bracket – Spliced Connectors – Nuts and Screws.

Instruction Data Enclosed.

Length Connector Inches	Diameter Connector Inches
3-1/2	1

One Kit Per Card.
Three Cards Per Box.
Weight Per Box, 2 1/2 Pounds.

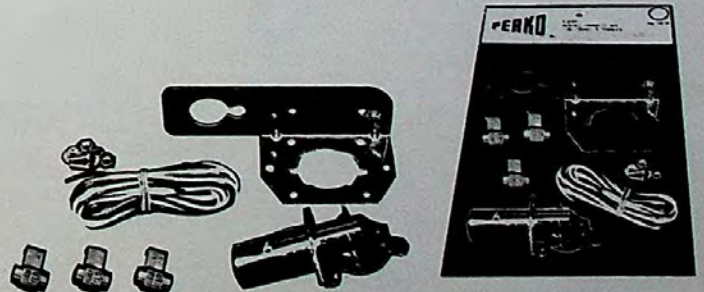


Fig. 743-SP



Fig. 1190-SP

WATERTIGHT DECK CONNECTION – Fig. 1190-SP

Die Cast Zinc Alloy with Black Plastic Covers – Double Contact – Chromium Plated.

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

Diameter Inches	Height Inches
1-5/8	1-3/16

One Connection Per Card.

Five Cards Per Box.

Weight Per Box, 14 Ounces.



Fig. 33-SP



Fig. 34-SP



Fig. 36-SP

MARINE SHIELDS FOR FIXTURES—

Figs. 33 SP, 34 SP, 36 SP

The latest nautical designs – Suitable for hanging and upright bulb

Width Inches	Height Inches
4-1/2	4-5/8

One Shield Per Card.

Six Cards Per Box.

Weight Per Box, 2 Pounds.



Fig. 248-SP



HIGH INTENSITY FRESNEL GLOBE – Fig. 248-SP

Clear Plastic –

Complete With Gasket

One of the most efficient globes in marine lighting field.

Used in all of our certified pole lights

Outside Diam. Inches	Height Inches	Diam. Thread Inches
1-3/4	2-1/2	2

One Globe Per Card.

Ten Cards Per Box.

Weight Per Box, 1½ Pounds.

ELECTRIC LIGHTING LAMPS



Fig. 56-SP

MINIATURE BAYONET BASE LAMP – Fig. 56-SP

CLEAR – No. 4

12 VOLT 8 C.P. DIAMETER 13/32 INCHES

Two Lamps Per Card.

Twelve Cards Per Box.

Weight Per Box, ½ Pound.



Fig. 70-SP



CARTRIDGE TYPE BASE LAMP – Fig. 70-SP

CLEAR – No. 1

12 VOLT 12 C.P. DIAMETER 9/16 INCHES

Two Lamps Per Card.

Twelve Cards Per Box.

Weight Per Box, ½ Pound.

CHROMALEX® GAS FILL – Fig. 1313-SP
 Nylon Flange – Black
 Die Cast Zinc Alloy – Chromium Plated
 For Use With 1½" I.D. Hose.

Diameter Overall Inches	Length Hose Neck Inches	For Screw No.
3-⅞	1-⅞	7

One Fill Per Card.
 Six Cards Per Box.
 Weight Per Box, 3½ Pounds.



Fig. 1313-SP

CHROMALEX COWL VENTILATOR – Fig. 1312-SP
 Black Plastic Base – Die Cast Zinc Alloy
 Polished Chromium Plated – For 3" Duct.

Mouth Opening Square Inches	Length Overall Inches	Width Overall Inches	Height Overall Inches
7	5-¾	4-¾	2-⅝

One Vent Per Card.
 Four Cards Per Box.
 Weight Per Box, 3 Pounds.



Fig. 1312 SP

CLAM SHELL VENTILATOR – Fig. 339-SP
 Brass – Chromium Plated.
 Beautifully styled to enhance the appearance of any boat.
 Bored and countersunk for No. 6 screw.

Width Opening Inches	Height Opening Inches	Base Dimensions Inches
2-½	1-⅞	4x3¾

One Vent Per Card.
 Six Cards Per Box.
 Weight Per Box, 4 Pounds.



Fig. 339 SP

MIDGET CLAM SHELL VENTILATOR – Fig. 315-SP
 18-8 Stainless Steel – Polished.
 Here's a streamlined, midget ventilator with many uses including shielding gas tank vents.

No.	Base Dimensions Inches	Height Opening Inches
2	2x2	9/16

One Vent Per Card.
 Twelve Cards Per Box.
 Weight Per Box, 1½ Pounds.

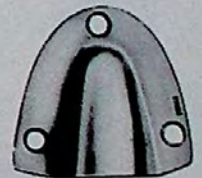


Fig. 315 SP

LOCKER VENTILATORS – Fig. 330-SP
 18-8 Stainless Steel – Polished.

No.	Diameter Inches	For Screw No.
2	3-¼	6

One Vent Per Card.
 Twelve Cards Per Box.
 Weight Per Box, 1½ Pounds

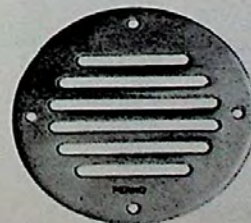


Fig. 330 SP

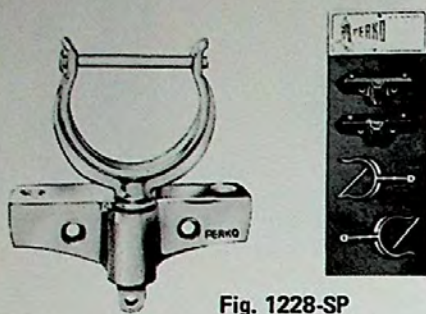


Fig. 1228-SP

NORTH RIVER ROWLOCKS – Fig. 1228-SP

Die Cast Zinc Alloy – Chromium Plated – With Delrin Bearing in Socket – Between Horns, 1 3/4 Inches.

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 8 1/2 Pounds.

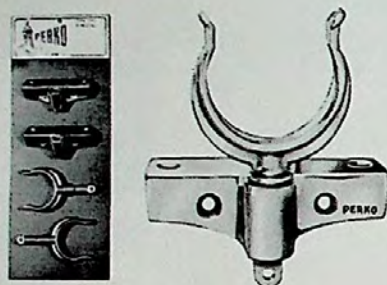


Fig. 1263-SP

RIBBED SIDE PLATE ROWLOCKS – Fig. 1263-SP

Die Cast Zinc Alloy – Chromium Plated – With Delrin Bearing in Socket – Between Horns, 1 3/4 Inches.

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 8 Pounds.

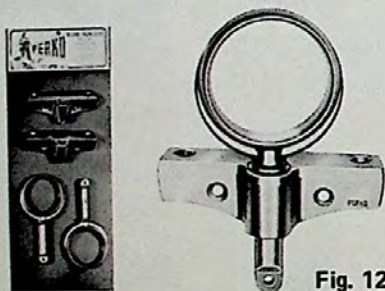
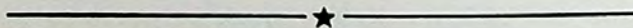


Fig. 1268-SP

ROUND ROWLOCKS WITH FANCY SOCKET – Fig. 1268-SP

Die Cast Zinc Alloy – Chromium Plated – Delrin Bearing in Socket – Inside Diameter Horns, 2 Inches.

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 8 3/4 Pounds.

**ROUND ROWLOCKS HORNS – Fig. 1267-SP**

Die Cast Zinc Alloy
Inside Diameter 2 Inches
Diameter Shank 1/2 Inch.

NATURAL FINISH
One Pair Per Card.
Six Cards Per Box.

CHROMIUM PLATED
One Pair Per Card.
Six Cards Per Box.

Weight Per Box, 4 1/2 Pounds.



Fig. 1267-SP

NORTH RIVER ROWLOCK HORNS – Fig. 1227-SP

Die Cast Zinc Alloy – Between Horns 1 3/4 Inches.
Diameter Shank 1/2 Inch.

NATURAL FINISH

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 4 Pounds.

CHROMIUM PLATED

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 4 Pounds.



Fig. 1227 SP

★

RIBBED ROWLOCK HORNS – Fig. 1262-SP

Die Cast Zinc Alloy – Between Horns 1 3/4 Inches.
Diameter Shank 1/2 Inch.

NATURAL FINISH

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 4 Pounds

CHROMIUM PLATED

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 4 Pounds.



Fig. 1262 SP

★

TRANSOM PLATES – Fig. 1224-SP

Die Cast Zinc Alloy – Chromium Plated.
Length Overall 3 1/2 Inches.
Inside Diameter 1-7/8 Inches.

One Pair Per Card.
Twelve Cards Per Box.
Weight Per Box, 3 3/4 Pounds.



Fig. 1224 SP



Fig. 159-SP



BRASS FOG BELLS – CHROMIUM PLATED – Fig. 159-SP
With Removable Arm and Wall Plate.
Clapper has short arm for Lanyard.

Diameter Inches	Height Overall Inches
6	4

One Bell Per Card.
Two Cards Per Box.
Weight Per Box, 2 $\frac{3}{4}$ Pounds.

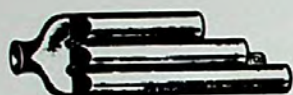


Fig. 167-SP

TRIPLEX MOTOR BOAT WHISTLE – Fig. 167-SP
Plastic

Length Overall Inches	Width Overall Inches
6	1- $\frac{3}{4}$

One Whistle Per Card.
Twelve Cards Per Box.
Weight Per Box, 1 $\frac{1}{2}$ Pounds.

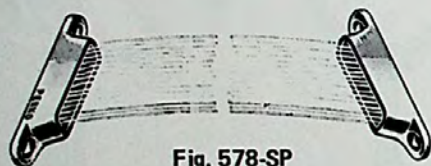
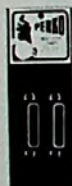


Fig. 578-SP

BOAT COVER SOCKETS – Fig. 578-SP
Die Cast Zinc Alloy – Chromium Plated.

Length Overall Inches	Size Opening Inches	Width Overall Inches
3- $\frac{1}{4}$	1- $\frac{7}{8}$ x7/16	$\frac{5}{8}$

One Pair Per Card.
Twelve Cards Per Box.
Weight Per Box, 3 Pounds.

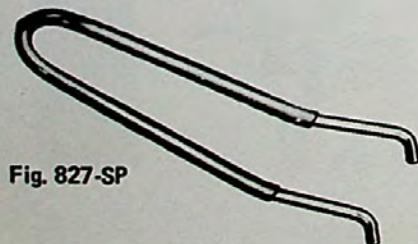


Fig. 827-SP



DECK PLATE KEY – Fig. 827-SP

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

Length Overall Inches	Diameter Metal Inches
5- $\frac{3}{4}$	3/16

One Key Per Card.
Six Cards Per Box.
Weight Per Box, 1 $\frac{1}{2}$ Pounds.

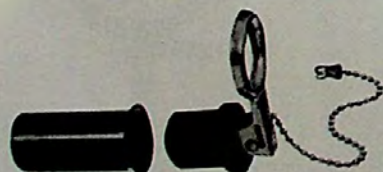


Fig. 414-SP



TRANSOM DRAIN PLUGS – Fig. 414-SP
For Outboard Boats – Plain Brass – With Safety Chain.

No.	Diam. Tube Inches	Length Overall Inches	Length Tube Inches
1	1	2- $\frac{1}{2}$	2

One Drain Plug Per Card.
Twelve Cards Per Box.
Weight Per Box, 4 Pounds.

CHROMALEX®

TRANSOM OR UTILITY HANDLE – Fig. 1336-SP

Die Cast Zinc Alloy – Chromium Plated.
Glossy Black Plastic Base. For ¼" Screws

Length Overall Inches	Length Inside Inches	Width Overall Inches
6-¼	3-½	1-¼

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 7 Pounds.

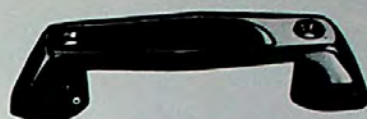


Fig. 1336-SP

ROUND GRIP TRANSOM HANDLE – Fig. 1231-SP

Die Cast Zinc Alloy – Chromium Plated.

Length Overall Inches	Length Inside Inches	Height Inside Inches	For Screw No.
6	3-½	1-5/16	10

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 6¾ Pounds.

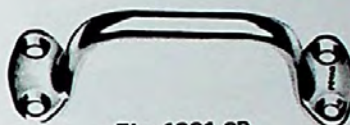


Fig. 1231-SP



TRANSOM HANDLES – Fig. 775-SP

Silicon Bronze – Chromium Plated.

No.	Length Overall Inches	Length Inside Inches
2	5-¾	3-¾

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 4 Pounds.



Fig. 775-SP

CHROMALEX® STEP PLATES – Fig. 1325-SP

Die Cast Zinc Alloy – Polished Chromium Plated –
Black Plastic Non-Skid Pads.

No.	Dimensions Overall Inches	For Screw	Weight Per Box Pounds
0	8-¾x2-¼	8	6
1	8-¾x3-¼	8	9-½

One Pair Per Card.
Six Cards Per Box.



Fig. 1325-SP

STEP PLATES – Fig. 1225-SP

Die Cast Zinc Alloy – Chromium Plated –
White Plastic Non-Skid Pads.

No.	Dimensions Overall Inches	For Screw	Weight Per Box Pounds
0	8-¾x2-¼	8	6
1	8-¾x3-¼	8	9-½

One Pair Per Card.
Six Cards Per Box.

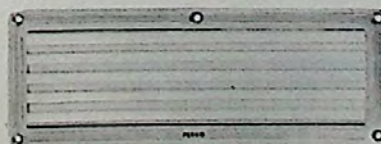


Fig. 1225-SP



CHROMALEX® OPEN BASE CLEATS — Fig. 1306-SP

Black Plastic Base — Die Cast Zinc Alloy.
Chromium Plated — Counter Sunk for Screws.

	Length Inches	Size Base Inches	For Screw	For Diam. Rope Inches	Weight Per Box Pounds
No. 1	4-1/2	2-1/2-1-1/16	No. 10	3/8	4
No. 2	6	3-1/4 x 1-3/8	1/4"	1/2	4

No. 1 - One Pair Per Card.
Six Cards Per Box.

No. 2 - One Cleat Per Card.
Six Cards Per Box.



CHROMALEX® CLOSED BASE CLEATS — Fig. 1305-SP

Black Plastic Base — Die Cast Zinc Alloy.
Chromium Plated — Counter Sunk For Screws.

	Length Inches	Size Base Inches	For Screw	For Diam. Rope Inches	Weight Per Box Pounds
No. 1	4-1/2	3-3/4 x 1-1/16	No. 10	3/8	4
No. 2	6	5 x 1-3/8	1/4"	1/2	4

No. 1 - One Pair Per Card.
Six Cards Per Box.

No. 2 - One Cleat Per Card.
Six Cards Per Box.



STREAMLINE CLEATS — Fig. 566-SP

Die Cast Zinc Alloy — Chromium Plated.

Length Inches	Size Base Inches	For Diam. Rope Inches	Weight Per Box Pounds
2	2-3/16 x 1-1/8	5/16	3-1/2
3	3-1/8 x 1-1/2	3/8	5-1/2
4-1/2	4-7/16 x 1-7/8	1/2	8-1/2
6	5-1/2 x 2	3/4	13

2" and 3" - One Pair Per Card.
Twelve Cards Per Box.

4 1/2" - One Pair Per Card.
Six Cards Per Box.

6" - One Cleat Per Card.
Twelve Cards Per Box.



YACHT CLEATS — Fig. 1188-SP

Die Cast Zinc Alloy — Chromium Plated.

Length Inches	Width Base Inches	Weight Per Box Pounds
4	1-5/8	5
6	1-3/4	4

4" - One Pair Per Card.
Six Cards Per Box.

6" - One Cleat Per Card.
Six Cards Per Box.



SOLID BASE CLEAT — Fig. 544-SP

Cast Bronze — Chromium Plated.

Length Inches	For Screw No.
4	10

One Cleat Per Card.
Six Cards Per Box.

Weight Per Box, 2 1/2 Pounds.



Fig. 1306-SP



Fig. 1305-SP

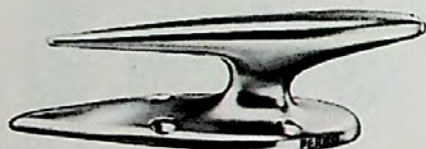


Fig. 566-SP

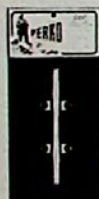


Fig. 1188-SP



Fig. 544-SP

CHROMALEX® SKENE TYPE BOW CHOCKS – Fig. 1307-SP

Black Plastic Base – Die Cast Zinc Alloy – Chromium Plated
– Counter Sunk for Screws.

No.	Length Overall Inches	Width Base	For Screw	For Diam. Rope Inches	Weight Per Box Pounds
1	3-1/2	7/8	No.10	3/8	3-1/2
2	5	1-1/4	1/4"	1/2	4

No. 1 - One Pair Per Card. No. 2 - One Pair Per Card.
Twelve Cards Per Box. Six Cards Per Box.



Fig. 1307-SP

CHROMALEX® STRAIGHT TYPE CHOCKS – Fig. 1308-SP

Black Plastic Base – Die Cast Zinc Alloy – Chromium Plated
– Counter Sunk for Screws.

No.	Length Overall Inches	Width Base	For Screw	For Diam. Rope Inches	Weight Per Box Pounds
1	3-1/2	7/8	No.10	3/8	3-1/2
2	5	1-1/4	1/4"	1/2	4

No. 1 - One Pair Per Card. No. 2 - One Pair Per Card.
Twelve Cards Per Box Six Cards Per Box.



Fig. 1308-SP

SKENE BOW CHOCKS – Fig. 1223-SP

Die Cast Zinc Alloy – Chromium Plated.

Length Overall Inches	Width Base Inches	For Diam. Rope Inches	Weight Per Box Pounds
3-1/2	7/8	1/2	4-1/2

One Pair Per Card.
Twelve Cards Per Box.



Fig. 1223-SP

MODERN DESIGN BOW CHOCKS – Fig. 1253-SP

Die Cast Zinc Alloy – Chromium Plated.

Length Overall Inches	Width Base Inches	For Diam. Rope Inches	Weight Per Box Pounds
4	13/16	1/2	3-1/2

One Pair Per Card.
Six Cards Per Box.



Fig. 1253-SP

BOW CHOCKS – Fig. 546-SP

Cast Bronze – Chromium Plated.

Length Inches	For Screw No.	Weight Per Box Pounds
4	10	4

One Pair Per Card.
Six Cards Per Box.



Fig. 546-SP

STERN CHOCK – Fig. 119-SP

Cast Bronze – Chromium Plated.

Length Inches	For Screw No.	Weight Per Box Pounds
4	8	2-1/2

One Chock Per Card.
Six Cards Per Box.



Fig. 119-SP

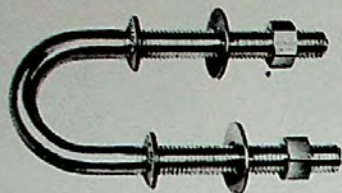


Fig. 237 SP

BOW EYES — Fig. 237-SP

18-8 Stainless Steel — Polished.

Length Shank Inches	Diameter Metal Inches	Length Thread Inches	Inside Eye Inches
3	5/16	2-1/16	1

One Per Card.

Six Cards Per Box.

Weight Per Box, 2 Pounds.

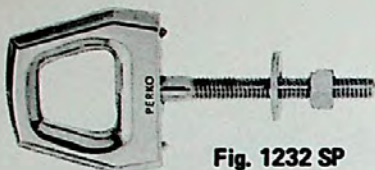


Fig. 1232 SP

BOW EYES — Fig. 1232-SPDie Cast Zinc Alloy — Chromium Plated — Forged Steel
Shank, Nut and Washer.

Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Inside Eye Inches
3	2-1/2	3/8	1

One Per Card.

Six Cards Per Box.

Weight Per Box, 4 Pounds.

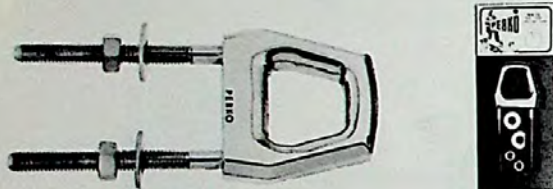


Fig. 1235 SP

BOW EYES Fig. 1235-SPDie Cast Zinc Alloy — Chromium Plated — Forged Steel
Shanks, Nut and Washer — Shanks Are One Continuous
"U" Bolt Cast Inside Eye.

Length Shank Inches	Length Thread Inches	Diameter Shank Inches	Inside Eye Inches
3	2-3/4	5/16	1

One Per Card.

Six Cards Per Box.

Weight Per Box, 4 1/4 Pounds.

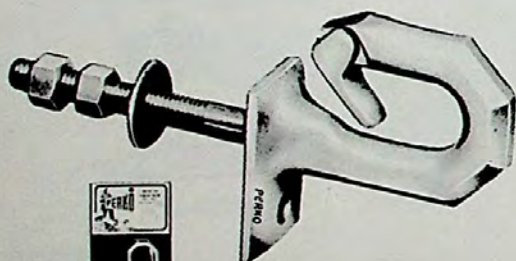


Fig. 863 SP

WATER SKI TOWING HOOK — Fig. 863-SPFor Mounting Through Transom — Die Cast Zinc Alloy —
Steel Bolt — Chromium Plated.

Length Overall Inches	Diameter Bolt Inches	Length Bolt Inches	Length Thread Inches
6	5/16	3-1/4	2-1/2

One Hook Per Card.

Six Cards Per Box.

Weight Per Box, 3 3/4 Pounds.



Fig. 533 SP

HAND WINDSHIELD WIPERS — Fig. 533-SPThe arm is extensible from 6 1/2 to 10 1/2 inches, spring tension
is adjustable for best wiping pressure.

Length Overall Inches	Diam. Shaft Inches	Length Handle Inches
13 1/2 to 16 1/2	3/8	2-3/8

One Wiper Per Card.

Three Cards Per Box.

Weight Per Box, 2 Pounds.

SWIVEL EYE PULLEYS – Fig. 565-SP

All 18-8 Stainless Steel except the sheave which is white nylon.

Length Overall Inches	Diam. Sheave Overall Inches	Length Strap Inches
3-3/4	2-3/8	1-5/8

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 4½ Pounds.



Fig. 565-SP



SNAP HOOK PULLEYS – Fig. 634-SP

All 18-8 Stainless Steel except the sheave which is white nylon.

Length Overall Inches	Snap Throat Opening Inches	Diam. Sheave Overall Inches
4-5/8	1/2	2-3/8

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 5¼ Pounds.



Fig. 634-SP

TILLER ROPE TIGHTENERS – Fig. 732-SP

Stainless Steel or Cadmium Plated.

Normal Length Inches	Length Compressed Inches	Outside Diameter Inches	Weight Per Box Pounds
4	5	1-1/16	5-1/2

STS. - One Pair Per Card.

Twelve Cards Per Box.

Cad.- One Pair Per Card.

Twelve Cards Per Box.



Fig. 732-SP – CAD.

Fig. 732-SP – STS.



TILLER ROPE CLAMPS – Fig. 1226-SP

Die Cast Zinc Alloy – Chromium Plated.

For Rope Diam. Inches	Length Inches	Width Inches
1/8 or 3/16	1-1/4	11/16

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 2½ Pounds.



Fig. 1226-SP

FENDER HOOKS – Fig. 1246-SP

Die Cast Zinc Alloy – Chromium Plated.

For Rope Diameter Inches	Size Plate Inches	For Screw No.
3/8	1-3/4x1-1/4	6

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 2¾ Pounds.



Fig. 1246-SP

FENDER LOCK – Fig. 1299-SP

Die Cast Zinc Alloy – 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.

Diameter Flange Inches	I.D. Eye Inches
1-1/2	3/8

One Pair Per Card.

Twelve Cards Per Box.

Weight Per Box, 2¾ Pounds.



Fig. 1299-SP



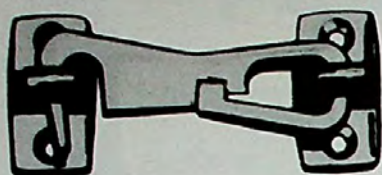


Fig. 1287-SP

MODERN DESIGN CABIN DOOR HOOKS – Fig. 1287-SP
 Patent Applied for #75,268.
 Die Cast Zinc Alloy – Chromium Plated.
 Length of Hook 2½ Inches.
 Dimension of Eye Plate 1¼x11/16 Inches.

One Hook Per Card.
 Six Cards Per Box.
 Weight Per Box, 13 Ounces.



Fig. 1199-SP



CABIN DOOR HOOKS – Fig. 1199-SP
 Die Cast Zinc Alloy – Chromium Plated.
 Length of Hook 1¾ Inches.
 One Hook Per Card.
 Twelve Cards Per Box.
 Weight Per Box, 2 Pounds.



Fig. 1194-SP

HINGED LOCKING HASP – Fig. 1194-SP
 Die Cast Zinc Alloy – Chromium Plated.
 Padlock eye swivels to act as a latch.
 Length Closed 3 Inches.
 Width 1 Inch.
 One Hasp Per Card.
 Five Cards Per Box.
 Weight Per Box, 1¼ Pounds.

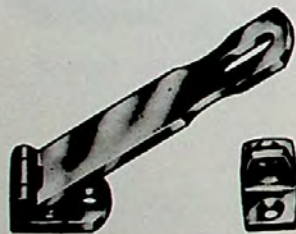


Fig. 1198-SP



SECURITY HINGED HASPS – Fig. 1198-SP
 Die Cast Zinc Alloy – Chromium Plated.
 Length Closed 3 Inches.
 Width 1 Inch.
 One Hasp Per Card.
 Twelve Cards Per Box.
 Weight Per Box, 2½ Pounds.

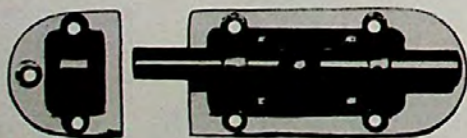


Fig. 947-SP

BARREL BOLTS – Fig. 947-SP
 Pressure Cast Silicon Bronze – Chromium Plated.
 Length of Rod 3 Inches.
 Base Without Strike 3x1¼ Inches.
 One Bolt Per Card.
 Five Cards Per Box.
 Weight Per Box, 1½ Pounds.

BUTT HINGES – Fig. 1293-SP

Die Cast Zinc Alloy – Chromium Plated.
Stainless Steel Removable Pin and Nylon Spacers –
Smooth Operation.

Size Open 2x2 Inches.

One Pair Per Card.
Ten Cards Per Box.
Weight Per Box, 2 1/4 Pounds.



Fig. 1293-SP

CUDDY DOOR HINGES – Fig. 808-SP

Die Cast Zinc Alloy – Chromium Plated.
With Stainless Steel Pins.

Length Open 3 Inches.
Extreme Width 1 1/2 Inches.

One Pair Per Card.
Ten Cards Per Box.
Weight Per Box, 2 3/4 Pounds.



Fig. 808-SP



CUDDY DOOR HINGE – Fig. 924-SP

Wrought Brass – Stainless Steel Pin.
Chromium Plated.

Length Open Inches	Width Inches	Diam. Pin Inches
3	1-1/2	3/16

One Pair Per Card.
Twelve Cards Per Box.
Weight Per Box, 2 Pounds.



Fig. 924-SP

HATCH HOLD-DOWN CLAMPS

Pressure Cast Silicon Bronze – Polished Chromium Plated.

An excellent item with many uses, on hatch covers, wind-shields, windows, bait and fish boxes, etc.

Fig. 1112-SP Flat Mounting

Length Inches	Width Inches
3	1-1/2

Fig. 1113-SP Angle Mounting

Length Inches	Width Inches
2-1/2	1-1/2

One Clamp Per Card.
Three Cards Per Box.
Weight Per Box, 1 1/4 Pounds.



Fig. 1112-SP



Fig. 1113-SP

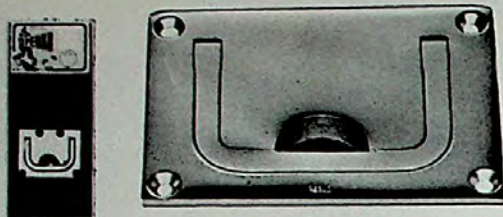


Fig. 1220-SP

FLUSH HATCH LIFTING HANDLE – Fig. 1220-SP
Die Cast Zinc Alloy – Chromium Plated.
No Large recess to catch chairs, heels, table legs, etc.

Dimensions Plate Inches	Inside Handle Inches
3x2-1/4	1-7/8x1

One Handle Per Card.
Ten Cards Per Box.
Weight Per Box, 2½ Pounds.

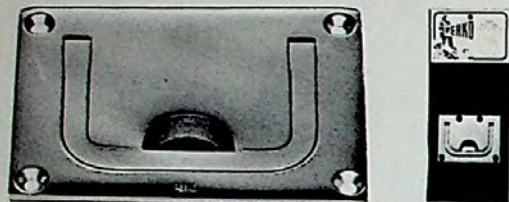


Fig. 776-SP

**HEAVY DUTY
FLUSH HATCH LIFTING HANDLE** – Fig. 776-SP
Silicon Bronze – Chromium Plated.

No.	Dimensions Plate Inches	Inside Handle Inches
1	3x2-1/4	1-3/4x1

One Handle Per Card.
Six Cards Per Box.
Weight Per Box, 1¼ Pounds.



Fig. 575-SP

FLUSH HATCH LIFTING RING – Fig. 575-SP
Silicon Bronze – Chromium Plated.
No recess to catch heels, chair or table legs, etc.
Size Plate 2x2-5/8 Inches – Inside Ring 1 Inch.

One Ring Per Card.
Twelve Cards Per Box.
Weight Per Box, 1½ Pounds.



Fig. 841-SP

FLUSH RING PULLS – Fig. 841-SP
Die Cast Zinc Alloy – Chromium Plated.
Size Plate 1¼x1-3/8 Inches.

One Pull Per Card.
Twelve Cards Per Box.
Weight Per Box, 1 Pound.

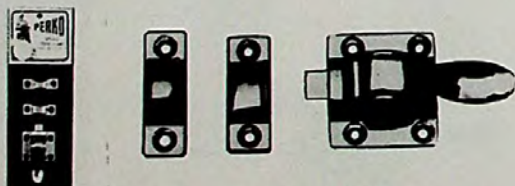


Fig. 1102-SP

CUPBOARD CATCHES – Fig. 1102-SP
Die Cast Zinc Alloy – Chromium Plated.
Base Without Strike 1¼x1-3/8 Inches.
Supplied complete with flush and 3/8 inch offset strike.

One Catch Per Card.
Six Cards Per Box.
Weight Per Box, 1 Pound.

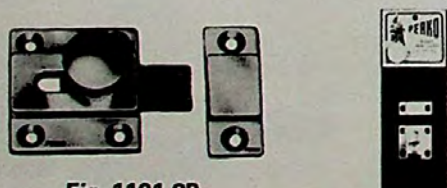


Fig. 1101-SP

CUPBOARD BOLT – Fig. 1101-SP
Die Cast Zinc Alloy – Chromium Plated.
Base Without Strike 1¼x1½ Inches.

One Bolt Per Card.
Six Cards Per Box.
Weight Per Box, 1¼ Pounds.

ELBOW CATCHES – Fig. 1056-SP
 Die Cast Zinc Alloy – Chromium Plated.
 Size of Base 1-1/8x9/16 Inches.

One Catch Per Card.
 Twelve Cards Per Box.
 Weight Per Box, 1 Pound.

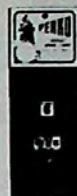


Fig. 1056-SP

“POLYDEL” DOOR CATCHES – Fig. 559-SP
 Gray Delrin Ball Stud – Polyethylene Catch – Holds Door
 Firmly in Place Against Vibration and Motion.

Stud Size Inches	Catch Size Inches
1-1/8x3/8	1-3/8x7/8

One Pair Per Card.
 Twenty-Five Cards Per Box.
 Weight Per Box, 1 Pound.



Fig. 559-SP

SPRING TYPE DOOR BUTTON – Fig. 1216-SP
 Die Cast Zinc Alloy – Chromium Plated – Black Nylon Knob.
 Eliminates rattling doors. Phosphor bronze coil spring under knob holds button snugly against the plate. Drilled and counter-sunk for No. 6 screw.

Plate Diameter Inches	Width Less Keeper Inches
1-11/16	1-3/16

One Button Per Card.
 Twelve Cards Per Box.
 Weight Per Box, 1 3/4 Pounds.



Fig. 1216-SP

SLIDING WINDOW LOCK AND ANTI RATTLER – Fig. 937-SP
 Die Cast Zinc Alloy – Chromium Plated – Bakelite Knob – Plastic Tip.

Height Overall Inches	Mounting Plate Inches	Length Screw Inches
1-5/8	1 x 5/8	1-1/8

One Pair Per Card.
 Six Cards Per Box.
 Weight Per Box, 2 Pounds.



Fig. 937-SP

WARDROBE OR UTILITY HOOK – Fig. 610-SP
 Die Cast Zinc Alloy – Chromium Plated.

Projection Inches	Width Base Inches
1-3/8	1-1/8

Two Per Card.
 Six Cards Per Box.
 Weight Per Box, 10 Ounces.



Fig. 610-SP

PERKINS MARINE LAMP & HARDWARE CORP.



Fig. 1289-SP

SWIVEL EYE SNAP — Fig. 1289-SP

Die Cast Zinc Alloy — Chromium Plated.

Has an interlocking device on tongue and hook.

Inside Diam. Eye Inches	Extreme Length Inches
5/8	3

One Snap Per Card.

Twelve Cards Per Box.

Weight Per Box, 2½ Pounds.

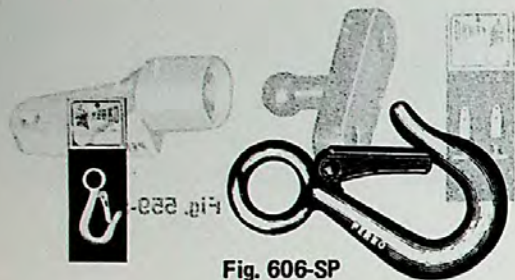


Fig. 606-SP

SAFETY MOORING HOOKS — Fig. 606-SP

Galvanized Drop Forged Steel — Stainless Steel Spring.

No.	I.D. of Eye Inches	Length Overall Inches	Throat Opening Inches
1	3/4	4	3/4

One Hook Per Card.

Twelve Cards Per Box.

Weight Per Box, 2½ Pounds.

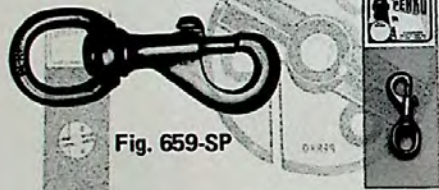


Fig. 659-SP

SWIVEL EYE SNAP — Fig. 659-SP

Cast Bronze.

Extreme Length Inches	Inside Eye Inches	Inside Hook Inches	Width of Plate	Length of Spring
3-1/2	3/4	7/16	1-3/16	1-1/16

One Snap Per Card.

Ten Cards Per Box.

Weight Per Box, 2 Pounds.

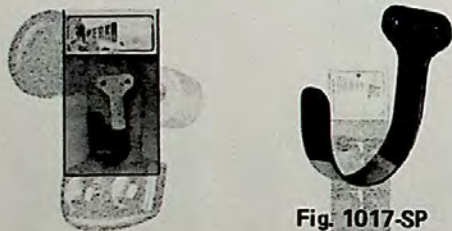


Fig. 1017-SP

RING BUOY HOLDERS — Fig. 1017-SP

Brass — Chromium Plated.

Width of Mounting Plate Inches	Height Over all Inches	For Screw No.
3	4-1/2	8

One Holder Per Card.

Four Cards Per Box.

Weight Per Box, 2½ Pounds.



Fig. 1249-SP

LASHING HOOK — Fig. 1249-SP

For Boat Covers

Die Cast Zinc Alloy — Chromium Plated.

Length Overall Inches	Width Overall Inches	Inside Hook Inches	For Screw No.
15/16	1/2	1/4	6

Six Hooks Per Card.

Ten Cards Per Box.

Weight Per Box, 2½ Pounds.

BOAT HOOK HOLDERS — Fig. 492-SP
18-8 Stainless Steel — Polished.

Will accommodate poles up to 1 1/2 inch in diameter, and hold them firmly in place.

Length Inches	Width Inches	For Screw No.	Outside Diameter Tube Inches	Inside Diameter Line Inches
3-1/2	2 1/4	6	2	1-3/4

One Pair Per Card.
Twelve Cards Per Box.
Weight Per Box, 3 Pounds.

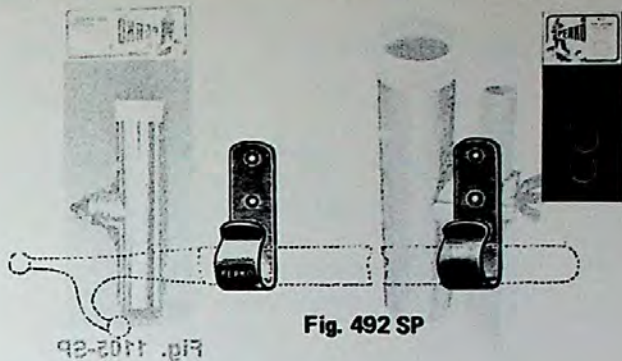


Fig. 492 SP

“HOLDALL” SPRING CLAMPS — Fig. 502-SP
18-8 Stainless Steel — Polished.

Excellent for stowing fishing rods, boat hooks, oars, swab, broom, flashlight, flagstaff, pump, etc.

No.	Adjustability Inches	Length From Wall Inches	Width of Metal Inches	For Screw No.	Inside Diameter Line Inches
1	5/8 to 1-1/4	1-1/2	1/2	6	1 1/2

One Pair Per Card.
Twelve Cards Per Box.
Weight Per Box, 3 Pounds.

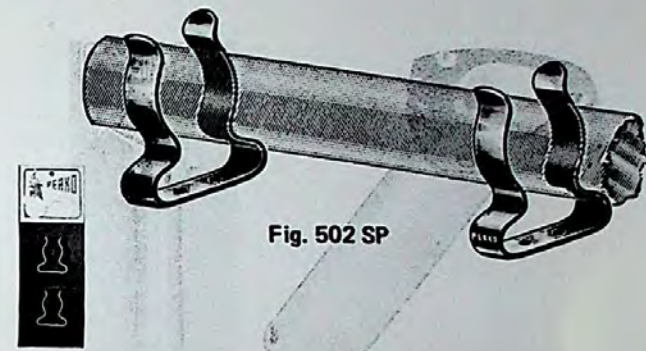
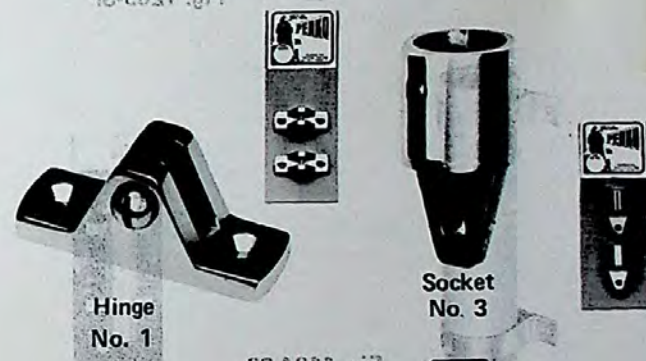


Fig. 502 SP

CONVERTIBLE BOAT TOP FITTINGS — Fig. 395-SP
Die Cast Zinc Alloy — Chromium Plated.

No.	Item	Length, Overall, Inches
1	Deck Hinge or Bracket	2
3	Socket for 3/4 inch tubing	2
6	Slide for 3/4 inch tubing	2

Two Fittings Per Card.
Six Cards Per Box.
Weight Per Box, 1 1/2 Pounds.



Hinge No. 1

Socket No. 3

Fig. 395-SP

OUTRIGGER TROLLING PIN OR CLIP — Fig. 469-SP
High Impact Plastic — Orange Color — Stainless Steel Eyes and Spring — All Salt Water Resistant — High Visibility.

Dimensions 3 1/2 x 1 1/2 Inches.

One Pair Per Card.
Six Cards Per Box.
Weight Per Box, 3 Pounds.

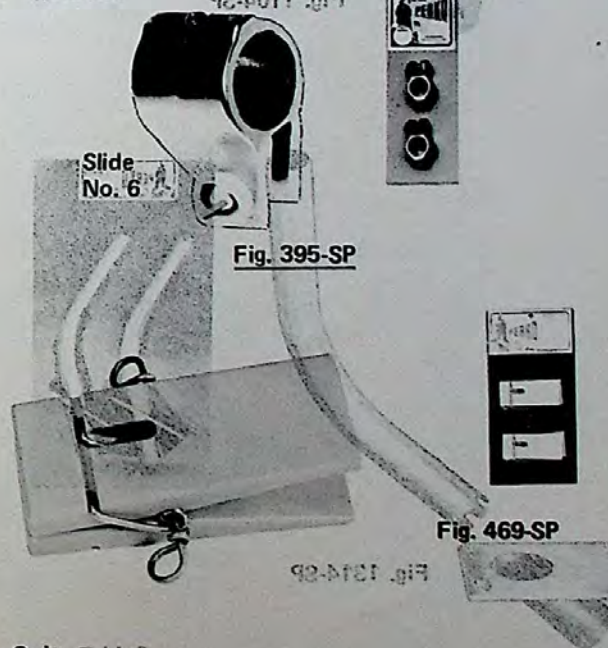


Fig. 469-SP

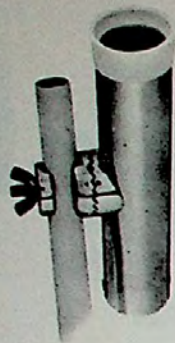


Fig. 1105-SP

FISHING ROD HOLDER – Fig. 1105-SP
 CHROMIUM PLATED
 For Mounting On Vertical or Horizontal Rails.

Inside Diameter Liner Inches	Outside Diameter Tube Inches	Length Inches	For Rails Diameter Inches
1-3/4	2	9	3/4 to 1

One Holder Per Card.
 Three Cards Per Box.
 Weight Per Box, 4 1/2 Pounds.

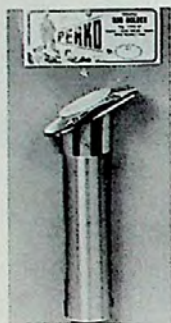


Fig. 1205-SP

FISHING ROD HOLDER – Fig. 1205-SP
 Chromium Plated Flange – Anodized Aluminum Tube – Soft White Vinyl Liner.

Inside Diameter Liner Inches	Outside Diameter Tube Inches	Length Under Flange Inches	Dimensions Flange Inches
1 1/2	2	8	4 1/4 x 3 1/2

One Holder Per Card.
 Four Cards Per Box.
 Weight Per Box, 4 1/2 Pounds.

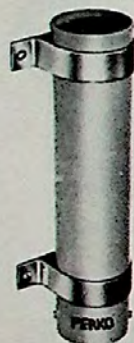


Fig. 1104-SP

VINYL FISHING ROD HOLDERS – Fig. 1104-SP
 With Chromium Plated Brass Brackets.

Length Overall Inches	Inside Diameter Inches	Outside Diameter Inches	Width Bracket Inches
9	1 3/4	2	3 1/4

One Holder Per Card.
 Six Cards Per Box.
 Weight Per Box, 6 Pounds.

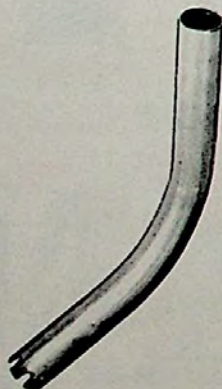


Fig. 1314-SP

OUTRIGGER POLE HOLDER
 DECK MOUNT – Fig. 1314-SP

Chromium Plated Plate.
 Anodized Aluminum Tube.

No.	Outside Diameter Tube Inches	Inside Diameter Tube Inches	Dimensions Plate Inches
1	1 1/4	1.125	5 x 2 1/2

One Pair Per Card.
 Four Cards Per Box.
 Weight Per Box, 10 Pounds.

ALPHABETICAL INDEX

A	PAGE	B - Contd.	PAGE	C - Contd.	PAGE
Adapters —		Butt Hinges	J-12	Control —	
Electric	A-22, B-8, C-7	Buttons —		Parts	H-8
For Exhaust Duct	F-3	Door	J-6	Rod Sockets	H-9
Pipe to Hose	H-16	Horn Push	C-5, C-9	Wire Sockets	H-9
Adjusters —				Convertible Boat Top —	
Hatch	J-9	C		Fittings	J-18
Windshield	J-8, 9	Cabin —		Course Protractors	G-8
Anchor Chocks	I-11	Door Hooks	J-4	Cowl Ventilators	F-3, 4
Anchor Lights	A-10 to A-13, A-18, B-3 to B-6	Lamps, Oil	D-8	Cupboard —	
Anchor Shackles	I-28	Cabinet Hinges	J-13, 14	Bolts	J-3
Anti-Rattler	J-10, 11	Cable —		Catches	J-3
Ash Trays	G-5	Outlets	C-9	Turns	J-3
Axe Brackets	I-25	Straps	C-7	Curtain-Fasteners	J-19
		Can Holder	G-5		
B		Cans, Oil	H-11	D	
Ball Joints	H-9	Caps, Gas Tank	H-7	Deck —	
Bass Boat Lights	A-5	Casing —		Lights	G-3
Bells —		Bowden	H-9	Pipes, Rope & Chain	I-5
Fog	G-6	Clamps	H-9	Plate Keys	H-6, H-8
Smoke	D-8	Catches, Door	J-6	Plates	H-6, 7, 8
Berth Lights	D-3	Caulking Irons	I-29	Dividers	G-8
Bilge Pump —		Chain —		Dock Line Springs	I-23
Parts	H-17, 18	Deck Pipe	I-5	Dome Lights	D-4, 5
Bilge Pumps	H-17	Portlight	G-3	Door —	
Bits	I-5	Chimneys	B-8, D-8	Buttons	J-6
Blinker Signal Lights	B-7	Chocks	I-8 to 11	Catches	J-6
Blocks	I-32	Chocks, Anchor	I-11	Fasteners	J-10
Blower & Ignition Switches	F-2	Choke Controls	H-9	Hinges	J-13, 14
Blowers	F-2	Clam Shell Ventilators	F-5	Holders	J-4, 5
Boarding Steps	I-17	Clamps —		Hooks	J-4
Boat —		Bowden Casing	H-9	Stops	J-4, 5
Cover Sockets	J-18	Gas Tank	F-8	Drain Fittings for Sink	G-5
Hook Holders	I-24	Hatch Hold-Down	J-10	Drain Plugs	H-18
Hooks	I-25	Hose	H-4, 5	Drawer —	
Snaps	I-26, 27	Spring	I-24	Knobs	J-16
Top Fittings	J-18	Tiller Rope	I-31	Pulls	J-16
Bolts —		Cleats	I-2 to 7, I-14	Dredging Light	B-3
Barrel	J-5	Clips —		Duct, Adapters	F-3
Cupboard	J-3	Line Support	C-7	Duct, Exhaust	F-3
Ship	J-5	Trolling	K-2		
Books, Log	G-8	Wire Rope	I-28	E	
Bow —		Coat & Hat Hooks	J-16	Elbow Catches	J-6
& Anchor Lights	A-10, 11	Cockpit Scupper	H-19	Electric —	
Combination	A-3 to A-11	Cocks, Sea	H-14	Adapters	A-22, B-8, C-7
Eyes	I-12	Collars —		Bulbs	C-11, E-7
Lifting Handles	I-14	Electrolysis	H-10	Cabin Fixtures	D-2 to D-8
Boxes, Stuffing	H-3 to H-5	Rudder	H-3	Connections	C-8, 9
Brackets —		Combination —		Connectors	C-8, 9
Axe	I-25	Bow & Anchor		Lamps	C-11
Mounting	A-23 & B-8	Lights	A-10, 11	Sockets	A-22, B-8, C-7
Table	I-22	Bow Lights	A-3, 4, 5	Switches	C-2 to C-6
Breakdown Lights	B-3 to B-6	Connections —		Electrolysis	
Bulbs, Electric	C-11 & E-7	Electric	C-8, 9	Eliminators	H-10, 11
Burners —		Thru-Hull	H-14, 15	Exhaust —	
For Alcohol Stoves	G-4	Connectors, Electric	C-8, 9	Blowers	F-2
Oil	A-23 & B-8	Continuous Hinge	J-15	Duct	F-3

L - Contd.	PAGE	M	PAGE	P - Contd.	PAGE
Dashboard	C-10	Mast Lights	A-12, 13	Pole Lights	A-6 to A-11
Electric	C-11, E-7	Masthead Lights	A-16, 20, B-3 to B-6	Pole Sockets	I-22
Wall	D-8	Meal and Absent Light	A-13	Poles —	
Lanterns —		Mooring Hook	I-26	Flag	A-21
Bulkhead	D-6			Outrigger	K-2
Navy or Lifeboat	D-6	N		Portlights	G-2, 3
Ships	D-6, 7	Name Plates, Switch	C-2, 3	Ports, Rudder	H-3
Lashing Eyes	I-13	Nuts —		Posts —	
Lashing Hooks	J-18	Acorn	I-29	Grab Rail	I-20
Latches —		Lock	H-4	Stanchion	I-20
Door	J-2, 3	Packing	H-4	Protractors, Course	G-8
Lavatory Pumps	H-17	Wing	I-29	Pulleys	I-30, 32
Lead Lines	G-7			Pulls —	
Leads, Sounding	G-7	O		Drawer	J-16
Leathers, Oar	I-18	Oar —		Flush	J-7, 16
Lenses, Fresnel	A-22, B-8	Leathers and Buttons	I-18	Pump Strainers	H-19
Lifting Eyes	I-14	Locks	I-18, 19	Pumps —	
Lights —		Oilers, Zinc	H-11	Bilge	H-17
Anchor	A-10 to 13, A-18, B-3 to B-6	Outboard Motor Transom		Crankcase	H-17
Bass Boat	A-5	Plates	I-19	Galley	H-17
Berth	D-3	Outlet Connections	H-14	Lavatory	H-17
Bow	A-3 to A-5, A-14 to A-20	Outlets —			
Breakdown	B-3 to B-6	Cable	C-9	R	
Combination	A-3 to A-11	Water	H-14	Rail —	
Deck	G-3	Outrigger —		Fittings	I-20, 21, 22
Dredging Light	B-3	Holders	K-4, 5, 6	Hinges and Locks	I-22
Distress or Globe	D-6	Kit	K-2	Rails, Grab	I-20
Dome	D-4, 5	Pole Line Guides	K-2	Range Lights	B-3, to B-6
Double Lens	B-3	Poles	K-2, 3	Rim Locks	J-2
Flag Pole	A-6 to A-10	Spreaders	K-3	Ring —	
For Windshield		Trolling Pin	K-2	And Deck Straps	I-25
Mounting	A-8 to A-11			Buoy Holders	I-25
Indicator	C-10	P		Catches, Flush	J-3
Mast	A-12, 13, A-16	Pads, Step	I-16	On Plate	I-13
Masthead	A-16, 20, B-3 to B-6	Paint Scraper	I-29	Pulls	J-7, 16
Meal & Absent	A-13	Palms, Sewing	I-29	Rings —	
Not under-		Panels —		Brass	I-13
Command	B-3 to B-6	Fuse	C-6	Hatch Lifting	J-7
Pole	A-6 to A-11	Switch	C-2, 3	Rope —	
Range	B-3 to B-6	Parallel Rules	G-8	Clamps	I-31
Searchlights	E-2 to E-7	Piano Hinge	J-15	Clips	I-28
Side	A-14 to A-20, B-3 to B-6	Pins —		Deck Pipe	I-5
Signal	A-13, B-7	Brass	I-27	Guides	I-30
Spreader	A-13	Trolling	K-2	Pulleys	I-30, 32
Stern	A-6 to A-19, B-3 to B-6	Pipes, Rope Deck	I-5	Thimbles	I-28
Towing	B-4 to B-6	Plates —		Rope Tighteners	I-31
Utility	D-5	Deck	H-6, 7	Rowlocks	I-18, 19
Line Support Clips	C-7	Hawse Hole	I-5	Rudder —	
Lines, Lead	G-7	Keel	I-14	Collars	H-3
Locks —		Step	I-16	Ports	H-3
Door	J-2, 3	Transom	I-19	Stuffing Boxes	H-3
Fender	I-23	Plugs, Drain	H-18	Rudders	H-3
Ladder	I-17	Pole Holders,		Rules, Parallel	G-8
Window	J-11	Outrigger	K-4, 5, 6		
Log Books	G-8			S	
Logs, Shaft	H-5			"S" Hooks	I-27
Louver Ventilators	F-7			Safety Cords	H-6

S - Contd.	PAGE	S - Contd.	PAGE	T - Contd.	PAGE
Sash —		Step Pads	I-16	Plates	I-19
Anti-Rattler	J-10, 11	Step Plates	I-16	Stern Light	A-17
Fasteners	J-10	Stern —		Ventilators	F-6, 7
Scrapers	I-29	Lights	A-6 to 20, B-3 to 6	Trays, Ash	G-5
Screens, Portlight	G-2, 3	Pole Lights	A-6 to 12	Trim, Hatch	J-15
Screw Drivers	J-17	Stop —		Trolling Pin	K-2
Scupper, Cockpit	H-19	Door	J-11	Tube Flanges	H-16
Sea Cocks	H-14	Window	J-11	Tubing, Grab Rail	I-20
Sealed Beam Unit	E-7	Stoves —		Turnbuckles	I-28
Searchlight Bulbs	E-7	Alcohol	G-4	Turns, Cupboard	J-3
Searchlights	E-2 to E-7	Parts	G-4		
Separator, Fuel	H-12	Strainers —		U	
Shackles	I-28	Fuel	H-12	Utility Hooks	J-16
Shades for Cabin Fixtures	D-2	Gasoline	H-12	Utility Lights	D-5
Shaft Logs	H-5	Hull	H-14		
Sheaves, Rope	I-27	Inlet	H-14	V	
Shields — For Combination		Pump	H-19	Vapor Proof Fixtures	B-7
Bow and Anchor Light	A-11	Water	H-12, 13	Ventilator —	
For Fixtures	D-2	Strap Hinges	J-12	Cowl	F-3, 4
For Pole or Mast Lights	A-9	Straps —		Gas Tank	F-8
Side Lights	A-14 to 20, B-3 to 6	Cable	C-7	Locker	F-6
Signal Lights	A-13 & B-7	Deck	I-25	Shell Type	F-5
Portable	B-7	Eye	I-31	Transom	F-6
Fixed	B-7	Struts	H-5	Ventilators	F-3 to 7
Sinks, Galley	G-5	Stuffing Boxes	H-3 to 5	Vinyl for Portlights	G-3
Ski Towing Hooks	I-13	Stuffing Box Nuts	H-4		
Skin Packed Products	Sec. L	Switch —		W	
Smoke Bell & Arm	D-8	Name Plate	C-2, 3	Wardrobe Hooks	J-16
Snap Hooks	I-26, 27	Panels	C-2, 3	Waste Fitting	H-7
Sockets —		Switches —		Water Strainers	H-13
Boat Cover	J-18	Blower & Ignition	F-2	Wheels, Steering	H-2
Control Rod	H-9	Electric	C-2 to 6	Whistles	G-7
Control Wire	H-9	Panels	C-2, 3	Wicks	A-23, B-8
Electric	A-22, B-8 & C-7	Swivel —		Window —	
Fishing Rod	K-6 to 9	Eye Blocks	I-32	Handle, Sliding	J-10
Flag Pole	I-22	Eye Pulleys	I-30	Lock	J-11
Outrigger Pole	K-4 to 6	Eye Snaps	I-26, 27	Stop	J-11
Rowlocks	I-18, 19			Windows	G-2
Staff	A-21	T		Windshield —	
Sounding Leads	G-7	" T " Hinges	J-12	Adjusters	J-8, 9
Spotlights	A-2 to E-7	Table Brackets	I-22	Keeper & Plate	J-9
Spreaders	K-3	Table Leg Fasteners	J-11	Pole Light for —	A-8 to A-11
Spreader Lights	A-13	Terminal Blocks	C-6	Wipers	I-24
Spring Clamps	I-24	Thimbles, Rope	I-28	Wing Nuts	I-29
Springs for Dockline	I-23	Thru-Hull Connections	H-14, 15	Wire —	
Spring, Tiller Rope	I-31	Tiller —		Bowden	H-9
Staffs, Flag	A-21	Rope Clamps	I-31	Rope Clips	I-28
Steerer Parts	H-8	Rope Guides	I-30	Rope Pulleys	I-32
Steering Wheels	H-2	Rope Pulleys	I-30	Rope Tighteners	I-31
Steps —		Tools, Hand	J-17	Rope Thimbles	I-28
Boarding	I-17	Towing Hooks	I-13		
Folding	I-17	Transom —		Z	
		Eyes	I-13	Zincs	H-10, 11
		Handles	I-15		

Numerical Index With List Price And Standard Package Quantities Applying To Catalog No. 225 - 1976

Figure	Page	Size	List Price		Std. Pkg.	Figure	Page	Size	List Price			Std. Pkg.		
O-2	A-18		Galv Each	Pol Br Each		18	A-18		Galv Each	Pol Br Each				
O-2A		\$23.00	\$34.00		18A	32.00		51.00						
O-2RA		23.00	34.00		18B	32.00		51.00						
O-2GA		23.00	34.00											
O-2MA		23.00	34.00											
O-6	A-18		\$28.50	\$46.25		19	A-18		Galv Pair	Pol Br Pair				
O-6A		28.50	46.25		19A	\$66.00		\$109.00						
O-6B		28.50	46.25		19B	66.00		109.00						
O-6RA		28.50	46.25		19R	A-18	Each	Each	\$35.25	\$57.00				
O-6GA		28.50	46.25		19G						35.25	57.00		
O-6MA		28.50	46.25		19RA						35.25	57.00		
O-6RB		28.50	46.25		19RB						35.25	57.00		
O-6GB		28.50	46.25		19GA						35.25	57.00		
O-6MB		28.50	46.25		19GB	35.25	57.00							
4A	A-19	C/2	Galv Pair	Pol Br Pair		20	A-18		Galv Each	Pol Br Each				
4B		C/2	\$51.00	\$86.00		20A		\$33.00	\$54.00					
4A		C/3	51.00	86.00		20B		33.00	54.00					
4B		C/3	55.00	97.00										
4RA		C/2	Each	Each		21R	B-6	#1	Galv Each	Pl Br Each	Pol Br Each			
4RB		C/2	\$27.50	\$45.00		21G			\$96.00	\$143.00	\$158.00			
4GA		C/2	27.50	45.00		21RB			96.00	143.00	158.00			
4GB		C/2	27.50	45.00		21GB			96.00	143.00	158.00			
4RA		C/3	29.75	51.00		21RC			96.00	143.00	158.00			
4RB		C/3	29.75	51.00		21GC			96.00	143.00	158.00			
4GA		C/3	29.75	51.00		21R			#2	121.00	179.00	200.00		
4GB		C/3	29.75	51.00		21G			#2	121.00	179.00	200.00		
5A	A-19	C/2	Galv Each	Pol Br Each		21RB			#2	121.00	179.00	200.00		
5B		C/2	\$25.25	\$43.00		21GB			#2	121.00	179.00	200.00		
5A		C/3	25.25	43.00		21RC	#2	121.00	179.00	200.00				
5B		C/3	27.50	48.50		21GC	#2	121.00	179.00	200.00				
5MA		C/3	27.50	48.50										
5MB		C/3	27.50	48.50										
7A	A-19	C/2	Galv Each	Pol Br Each		23	B-6	#1	Galv Each	Pl Br Each	Pol Br Each			
7B		C/2	\$25.25	\$43.00		23B			\$96.00	\$143.00	\$158.00			
7A		C/3	25.25	43.00		23C			96.00	143.00	158.00			
7B		C/3	27.50	48.50		23			#2	121.00	179.00	200.00		
7MA		C/3	27.50	48.50		23B			#2	121.00	179.00	200.00		
7MB		C/3	27.50	48.50		23C			#2	121.00	179.00	200.00		
17	A-18		Galv Pair	Pol Br Pair		24	A-22	#1	\$ 1.10 Ea.			10		
17A		64.00	\$101.00		#2	1.75 Ea.			10					
17B		64.00	101.00											
17R			Each	Each		27	D-2		Plain Each	Painted Each				
17G		\$34.00	\$53.00		28	\$ 2.90			\$ 3.60		10			
17RA		34.00	53.00			2.90	3.60		10					
17RB		34.00	53.00											
17GA		34.00	53.00											
17GB		34.00	53.00											
30RB	B-5		Galv Each	Pl Br Each	Pol Br Each	30RB	B-5	#1	\$ 91.00	\$136.00	\$151.00			
30GB		91.00	136.00	151.00	30GB	#1			91.00	136.00	151.00			

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* Quantity Change In Standard Package

Figure	Page	Size	List Price			Std. Pkg.	Figure	Page	Size	List Price		Std. Pkg.
30RC	cont'd.	#1	\$ 91.00	\$136.00	\$151.00		56	C-11	#4	\$ 2.25 Ea	10	
30GC		#1	91.00	136.00	151.00				#5	1.00 Ea	10	
30RB		#2	114.00	171.00	190.00				#6	1.75 Ea	10	
30GB		#2	114.00	171.00	190.00		56SP	C-11 & L-8	#4	\$ 5.00 Card 60.00 Box	2 Pc 12 Cds	
30RC		#2	114.00	171.00	190.00		60	J-19		\$17.60 C	100	
30GC		#2	114.00	171.00	190.00		62	J-19		\$ 4.95 C	100	
32B	B-5	#1	Galv Each \$ 91.00	PI Br Each \$136.00	Pol Br Each \$151.00		65	H-14	#4-1/2"	\$10.00 Ea		
32C		#1	91.00	136.00	151.00				#5-3/4"	12.50 Ea		
32B		#2	114.00	171.00	190.00				#6-1"	16.25 Ea		
32C		#2	114.00	171.00	190.00				#7-1/4"	23.75 Ea		
33	D-2		\$ 3.60 Ea			10	66	H-14	#1	\$ 3.15 Ea	5	
33 SP	D-2 & L-8		\$ 4.40 Card 26.40 Box			1 Pc 6 Cds			#2	6.75 Ea	5	
34	D-2		\$ 3.60 Ea			10			#3	8.80 Ea	5	
34 SP	D-2 & L-8		\$ 4.40 Card 26.40 Box			1 Pc 6 Cds			#4	16.25 Ea	5	
36	D-2		\$ 3.60 Ea			10	70	C-11	#0	\$ 1.00 Ea	10	
36 SP	D-2 & L-8		\$ 4.40 Card 26.40 Box			1 Pc 6 Cds			#1	1.00 Ea	10	
42	C-8		\$ 1.75 Ea			*5			#2	1.10 Ea	10	
43	I-32	#1	Galv each \$ 1.00	PI Br Each \$ 2.00	10	70SP	C-11 & L-8	#1	\$ 2.65 Card 31.80 Box	2 Pcs 12 Cds		
		#3	1.75	3.00	10	73	H-4	#3	Each \$ 3.40			
		#5	1.85	4.95	10			#3A	4.25			
		#7	2.50	5.95	10			#4	4.25			
		#9	3.15		*5			#4A	4.25			
		#11	4.35		*5			#5	4.80			
		#13	7.15		*5			#6	6.50			
		#15	10.30		*5			#7	6.50			
44	D-6	#1-6"	Discontinued	\$ 76.00				#7A	8.45			
44R		#2-8"	Discontinued	90.00				#8	9.00			
44F		#3-10"	Discontinued	144.00				#9	9.00			
44B		#1-6"	Discontinued	76.00				#9A	10.75			
44RB		#2-8"	Discontinued	90.00				#10	19.25			
44FB		#3-10"	Discontinued	144.00				#11	20.25			
49	D-6		Galv \$ 42.25 Ea	Pol Br \$ 55.00 Ea		74	A-17		\$ 1.20 Ea			
51	I-32	#2-3/16"	\$ 1.80 Ea		10	75	H-16	#3-3/8"	Each \$.90	*5		
		#4-1/4"	2.35 Ea		10			#4-1/2"	.95	*5		
		#6-5/16"	3.45 Ea		10			#5-3/4"	1.40	*5		
		#8-3/8"	4.00 Ea		10			#6-1"	2.10	*5		
52	A-22		\$ 1.10 Ea			10			#7-1 1/4"	3.60	*5	
								#8-1 1/2"	4.25	*		
								#9-2"	6.20	*		
								#10-2 1/2"	7.15	*		
						76	H-16	#4-1/2"	Each \$ 2.60			
								#5-3/4"	3.15			
								#6-1"	4.00			
								#7-1 1/4"	5.30			
								#8-1 1/2"	6.90			
								#9-2"	10.45			
						77	A-22	Clear	\$ 5.50 Ea			
						77G	A-22	Green	6.60 Ea			
						79	H-4	#3	Each \$ 2.00			

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* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.		
79	H-4	#3A	Each		99	A-20	C/2	Galv \$19.80 Ea	Pol Br \$32.00 Ea		
		#4	2.00				C/3	21.00 Ea	34.75 Ea		
		#4A	2.00								
		#5	2.25								
		#6	2.85								
		#7	2.85								
		#7A	3.50								
		#8	3.75								
		#9	3.75								
		#9A	4.35								
		#10	7.50								
#11	8.80										
82	J-8	99A 99B	\$41.75 Pr 3.30 Ea 21.00 Ea		100	I-32	#0 #1 #3 #5 #7	Galv Each \$ 1.20 PI Br Each \$ 4.95	10 10 10 10 10		
84RB 84RC 84RB 84RC	B-5	#1 #1 #2 #2	Galv Each \$ 91.00 PI Br Each \$136.00 Pol Br Each \$151.00		101	I-32	#00 #2 #4 #6 #8	\$ 1.95 2.25 2.85 4.00 5.65	10 10 10 10 10		
85	C-2		\$ 24.00 Ea		102 102A 102B	A-18	Galv \$33.00 Ea Pol Br \$54.00 Ea				
85SP	C-2 & L-6		\$ 25.25 Card 75.75 Box	1 Pc 3 Cds	104	C-4	\$.45 Ea				
86	H-14	#1-2½" #2-3" #3-3½" #4-4" #5-5" #6-6" #7-8"	\$ 1.95 Ea 2.20 Ea 2.70 Ea 3.75 Ea 6.35 Ea 7.25 Ea 18.10 Ea	5 5 5 5 5 * *	105	C-4	#1 \$ 2.75 Ea #2 3.30 Ea	10 10			
90	J-19		\$ 17.60 C	100	105 SP	C-4 & L-6	#1 \$ 3.40 Card 40.80 Box	1 Pc 12 Cds			
91	A-20	C/2 C/3	Galv Pair \$ 39.50 41.75		106 106R 106G 106M	A-22	\$ 9.90 Ea 9.90 Ea 9.90 Ea 9.90 Ea				
91R	A-20	C/2	\$ 22.00		107	C-2 & F-2	\$ 1.10 Ea				
91G	A-20	C/2 C/3	\$ 23.00 22.00 23.00		108	H-17	\$17.60 Ea				
92	A-20		\$ 2.20		109 109R 109G	A-20	\$54.00 Pr 29.00 Ea 29.00 Ea				
94	D-8		\$ 2.10 Ea		110	A-20	\$30.00 Ea				
96	C-2		\$ 24.00 Ea		111	A-20	\$27.00 Ea				
96SP	C-2 & L-6		\$ 25.25 Card 75.75 Box	1 Pc 3 Cds	112 112M 112R 112G	A-13	\$32.00 Ea 32.00 Ea 32.00 Ea 32.00 Ea				
97 97A 97B	A-18		Galv Each \$32.00 32.00 32.00		113	G-6	\$ 3.30 Ea				
98	A-20	C/2 C/3	Galv \$19.80 Ea 21.00 Ea		114 115 116 117 118	J-19 J-19 J-19 J-19 J-19	\$24.25 C 26.50 C 24.25 C 26.50 C 6.60 C	100 100 100 100 100			
			Pol Br \$51.00 51.00 51.00		119	I-11	4" \$ 7.55 Ea 5" 9.90 Ea 6" 11.30 Ea 8" 19.55 Ea	5 5 *			
			Galv \$32.00 Ea 34.75 Ea		119SP	I-11 & L-15	4" \$ 8.35 Card 50.10 Box	1 Pc 6 Cds			
			Pol Br \$32.00 Ea 34.75 Ea		120	J-12	#1-4" Burn Br \$ 8.00 Pr Chrome \$11.55 Pr	5 Pr			

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120	J-12 cont'd.	#2-6" #3-8"	\$ 9.10 Pr 12.95 Pr	\$12.40 Pr 19.00 Pr	5 Pr *	142	H-19	#2-99A #1-99B #2-99B	PI Br \$5.50 Ea .55 Ea .65 Ea	Chrome \$7.15 Ea	
121	C-7	#1-1/8" #2-3/16" #3-1/4" #4-5/16" #5-3/8" #6-7/16" #7-1/2" #8-5/8" #9-3/4"	\$ 5.60 C 6.00 C 6.60 C 6.60 C 7.45 C 8.25 C 8.55 C 10.45 C 11.55 C		100 100 100 100 100 100 100 100 100	143	B-8		\$ 9.50 Ea		
122	J-12		\$14.00 Pr		*	144	G-6		Pol Br \$ 8.80 Ea	Chrome \$ 9.90 Ea	
123	G-6		\$ 4.95 Ea			146	H-17	99A	\$30.00 Ea 6.50 Ea		
124	H-18	99A 99B	\$12.00 Ea 4.40 Ea 4.40 Ea		5	147	H-17		\$ 2.75 Ea		
127	G-6		Pol Br \$ 6.60 Ea	Chrome \$ 7.70 Ea		148	I-22	99A 99B	\$ 8.80 Set 4.40 Pr 4.40 Pr		5 Sets
128	D-8	#0 #1 #2 #0-99A #1-99A #2-99A	\$ 8.80 Ea 8.80 Ea 8.80 Ea 4.40 Ea 4.40 Ea 4.40 Ea	\$11.30 Ea 11.30 Ea 11.30 Ea 5.50 Ea 5.50 Ea 5.50 Ea		149	J-15		\$11.25 Ea		*2
129	B-6	#1	Galv \$ 96.00	PI Br \$143.00	Pol Br \$158.00	150	G-6	8" 10" 12" 99A 99B	Pol Br \$110.00 Ea 228.00 Ea 347.00 Ea 23.00 Ea 12.65 Ea	Chrome \$119.00 Ea 263.00 Ea 387.00 Ea 26.50 Ea 14.30 Ea	
129B		#1	96.00	143.00	158.00	151	H-17		\$ 4.95 Ea		
129C		#1	96.00	143.00	158.00	152	J-15		\$12.40 Ea		2
129		#2	121.00	179.00	200.00	153	G-6		\$ 3.30 Ea		
129B		#2	121.00	179.00	200.00	154	I-27	#20 #28	\$.35 Ea .60 Ea		
129C		#2	121.00	179.00	200.00	155	J-9		\$12.40 Ea		*5
131	A-23		Galv \$ 2.75 Ea	Brass \$ 3.85 Ea		156	J-19		Discontinued		100
132	D-5		\$ 5.25 Ea			157	G-3	4" 5" 6" 8" 4"-99A 5"-99A 6"-99A 8"-99A	Each \$36.00 44.00 55.00 80.00 8.80 11.00 13.20 15.40		
134	C-10		\$11.00 Ea		10	158	G-6	12" 14" 99A	Pol Br Each \$281.00 369.00 23.00	Chrome Each \$297.00 396.00 26.50	
135	C-10		\$13.20 Ea		10	159	G-6	6" 8" 99A 99B	PI Br Each \$15.80 26.50 3.30 -	Pol Br Each \$18.50 31.75 4.40 -	Chrome Each \$21.50 34.00 5.50 3.30
136	C-10		\$ 3.00 Ea		10	159SP	G-6 & L-12	6"	Chrome \$24.00 Card 48.00 Box		1 Pc 2 Cds
137	C-10		\$ 3.60 Ea		10	160	I-11	#1-4 1/2" #2-5 1/8" #3-7 1/4"	Pair \$17.20 25.50 47.25		5 Pr 5 Pr
138	A-23	C/2 C/3	\$ 4.75 Ea 4.75 Ea								
139	C-10		\$ 8.80 Ea		10						
140	D-5		\$ 2.75 Ea		10						
140SP	D-5 & L-5		\$ 3.30 Card 33.00 Box		1 Pc 10 Cds						
141	D-8	#1 #2	PI Br \$39.25 Ea 41.50 Ea	Chrome \$43.75 Ea 45.00 Ea							

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* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
161	I-11	#11-4" #12-5/4" #13-7"	\$ 9.10 Ea 13.20 Ea 23.75 Ea	5 5	196	C-7	#5-1/2" #6-5/8" #7-3/4"	\$ 6.90 C 11.00 C 12.00 C	100 100 100
162	G-7		Galv \$ 5.25 Ea Pol Br \$ 9.35 Ea	10	197	J-12	#1-4" #2-6" #3-8"	Burn \$ 9.15 Pr Chrome \$18.50 Pr 11.00 Pr 21.00 Pr 18.15 Pr 30.75 Pr	5 Pr 1 Pr 1 Pr
163	C-7	#1-3/16" #2-1/4" #3-5/16" #4-3/8" #5-1/2" #6-5/8"	\$14.85 C 14.85 C 14.85 C 17.60 C 19.25 C 21.50 C	100 100 100 100 100 100	200	H-17	#1	Discontinued	
164	C-7	#1-3/16" #2-1/4" #3-5/16" #4-3/8" #5-1/2"	\$24.75 C 24.75 C 24.75 C 24.75 C 26.50 C	100 100 100 100 100	207	H-17		\$ 2.75 Ea	
165	C-7	#3-5/16" #4-3/8" #5-1/2"	\$34.00 C 36.25C 41.25 C	100 100 100	211	J-15	#2-1 1/4" #4-1 1/2" #6-2"	\$21.50 Ea 23.00 Ea 27.50 Ea	10 10 10
166	G-6		PI Br \$2.20 Ea Pol Br \$2.75 Ea Chrome \$3.30 Ea		212	J-15	#2-1 1/4" #4-1 1/2"	\$16.50 Ea 17.60 Ea	10 10
167	G-7		\$ 1.00 Ea	10	214	H-16	1 1/2" 2" 2 1/2" 3"	PI Br \$ 3.85 Ea Chrome \$ 5.00 Ea 4.50 Ea 6.00 Ea 5.50 Ea 7.50 Ea 7.25 Ea 8.75 Ea	
167SP	G-7 & L-12		\$ 1.60 Card 19.20 Box	1 Pc 12 Cds	217	D-2		Chrome \$ 4.60 Ea White \$ 3.30 Ea	
168	D-8		Pol Br \$33.00 Ea Chrome \$37.50 Ea		217 SP	D-2 & L-5		\$ 5.50 Card 33.00 Box	1 Pc 6 Cds
169	G-6		Pol Br \$22.00 Ea Chrome \$27.50 Ea		218	I-22	#1 #2 #3	\$ 4.70 Ea 6.35 Ea 7.25 Ea	* * *
170	G-6		\$ 5.50 Ea		219	I-22	#1 #2 #3 #4	\$ 5.50 Ea 7.25 Ea 8.25 Ea 11.30 Ea	* * * *
171	G-6		Pol Br \$17.60 Ea Chrome \$21.00 Ea		220	I-22	#1 #2 #3	\$ 7.25 Ea 9.15 Ea 10.60 Ea	* * *
173	D-8		\$ 4.15 Ea		221	I-22	#1 #2 #3	\$ 7.70 Ea 9.45 Ea 11.00 Ea	* * *
178	J-6		\$.70 Ea	*10	222	A-13		\$ 1.80 Ea	
180	I-22	#1 #2	\$21.75 Ea 23.00 Ea		223	D-2		\$ 1.40 Ea	
184	C-10		\$10.75 Ea	10	224	I-25	#4 #5	\$ 5.25 Ea 7.15 Ea	* 5 * 5
185	I-22	#1 #2	\$20.25 Ea 22.00 Ea		225	D-2		\$.65 Ea	
190	G-7	7 10 15 20 25 30	\$22.00 Ea 28.25 Ea 38.00 Ea 45.75 Ea 55.00 Ea 65.00 Ea		230	D-8		\$ 2.00 Ea	
193	F-2		\$24.00 Ea		231	D-8		Brass \$ 3.20 Ea Chrome \$3.75 Ea	
194	I-32	#1 #2 #3	\$ 8.10 Ea 9.00 Ea 14.00 Ea		232R 232G	A-4		\$ 1.45 Ea	
196	C-7	#1-3/16" #2-1/4" #3-5/16" #4-3/8"	\$ 5.50 C 5.80 C 6.00 C 6.60 C	100 100 100 100	233	I-18		\$ 3.60 Pr	5 Pr
					234	A-9		\$.30 Ea	*10
					235	A-9		\$ 1.10 Ea	*10
					236	I-13	#1 #3 #4	\$ 6.00 Ea 6.95 Ea 14.60 Ea	10 5 5

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Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
237	I-12	#1	\$ 5.50 Ea	10	256	A-22	C/2	\$15.40 Ea	
		#2	6.45 Ea	10	256M		C/3	16.50 Ea	
		#3	6.35 Ea	10			C/2	15.40 Ea	
		#4	13.60 Ea	5			C/3	16.50 Ea	
237SP	I-12 & L-16	#1	\$ 6.50 Card 39.00 Box	1 Pc 6 Cds	256	B-8	#1	\$24.25 Ea	
241	H-11		\$12.95 Ea	5	256R		#2	37.50 Ea	
242	B-8		Brass \$ 4.15 Ea Chrome \$ 4.70 Ea	10	256G		#1	24.25 Ea	
243	J-15	#2-1 1/4" #4-1 1/2"	\$12.65 Ea 14.60 Ea	10 10	256M		#2	37.50 Ea	
244	H-10	#1-3 1/2" #2-5 1/4"	\$ 2.10 Ea 5.80 Ea	10 10			#1	24.25 Ea	
246	A-23		\$ 3.30 Ea	10			#2	37.50 Ea	
247	H-11		\$ 3.65 Ea	10	256G		#1	Discontinued	
248	A-22	Clear	\$ 1.85 Ea		256M		#2	Discontinued	
248SP	A-22 & L-8		2.45 Card 24.50 Box	1 Pc 10 Cds	256M		#1	24.25 Ea	
250	A-13		\$ 3.50 Ea				#2	Discontinued	
250B			4.25 Ea		257	D-4	3" 4" 5" 6"	\$ 2.75 Ea 3.30 Ea 3.60 Ea 4.15 Ea	
251R	A-4		\$ 1.40 Ea		258	J-15	#2-1 1/4" #4-1 1/2"	\$ 9.90 Ea 10.75 Ea	10 10
251G			1.40 Ea		259AR	A-4		\$ 1.40 Ea	
252	H-10	#3-3/4" #4-7/8" #5-1" #6-1 1/8" #7-1 1/4" #8-1 3/8" #9-1 1/2" #10-1 3/4" #11-2"	\$ 4.20 Ea 4.20 Ea 5.50 Ea 5.50 Ea 5.50 Ea 7.25 Ea 7.25 Ea 11.00 Ea 11.00 Ea	10 10 10 10 10 10 10 5 5	259AG			1.40 Ea	
253	H-10	#11-2" #12-2 1/4" #13-2 1/2" #14-3" #15-3 1/2" #16-4"	\$ 8.25 Ea 8.25 Ea 15.70 Ea 15.70 Ea 25.75 Ea 25.75 Ea		259R	A-22	C/2	\$ 8.80 Ea	
254	H-11	#3 #4 #5 #5A #3-99A #4-99A #5-99A #5A-99A #3-99B #4-99B #5-99B #5A-99B	\$ 3.10 Ea 3.65 Ea 4.55 Ea 4.95 Ea 1.10 Ea 1.50 Ea 1.95 Ea 2.20 Ea 1.95 Ea 2.20 Ea 2.75 Ea 2.75 Ea	5 5 5 5	259G		C/2	8.80 Ea	
255	C-5		\$ 3.85 Ea	10	259R		C/3	9.90 Ea	
255SP	C-5 & L-6		\$ 4.50 Card 27.00 Box	1 Pc 6 Cds	259G		C/3	9.90 Ea	
					259R	B-8	#1 #1 #2 #2	\$12.00 Ea 12.00 Ea 15.40 Ea 15.40 Ea	
					261	A-22	Jr Jr Jr Jr	\$ 9.90 Ea 9.90 Ea 9.90 Ea 9.90 Ea	
					261		Sr Sr Sr Sr	11.55 Ea 11.55 Ea 11.55 Ea 11.55 Ea	
					261	B-8	#1 #1 #1 #1	\$19.80 Ea 19.80 Ea 19.80 Ea 19.80 Ea	
					261		#2 #2 #2 #2	33.00 Ea 33.00 Ea 33.00 Ea 33.00 Ea	
					262	D-6		\$ 8.25 Ea	
					263	H-18		\$ 7.45 Ea	5
					264	D-6	1-6" *No. 2 Not Available in Red *2-8" 3-10"	Clr, Frosted or Red \$13.20 Ea 17.00 Ea 26.50 Ea	
					265	A-13		\$ 9.90 Ea	
							99A	1.40 Ea	
					266	H-18		\$ 7.45 Ea	5
					267	B-8		\$ 3.85 Ea	10

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
268	A-13	99A	\$25.20 Ea 4.70 Ea		300	D-4	#0 #1 #2	\$ 8.25 Ea 9.35 Ea 10.45 Ea	
269	A-22	C/2	\$ 8.80 Ea		300SP	D-4 & L-5	#1	\$10.15 Card 30.45 Box	1 Pc 3 Cds
269		C/3	9.90 Ea		302	A-23	#0	\$.30 Ea	10
269M		C/3	9.90 Ea		302	B-8	#2	\$.30 Ea	10
269	B-8	#1	\$14.30 Ea		303	H-12		Discontinued	
269R		#1	14.30 Ea		304	C-5		\$ 9.65 Ea	5
269G		#1	14.30 Ea					Gray or Br Each \$235.00	Chrome Each \$265.00
269M		#1	14.30 Ea		305	E-4		245.00	275.00
		#2	\$21.00 Ea		305A			255.00	285.00
269R		#2	21.00 Ea		305B			265.00	295.00
269G		#2	21.00 Ea		305C				
269M		#2	21.00 Ea		306	C-5	99-A	\$ 4.55 Ea 1.40 Ea	10
270	B-8	With Cap	\$ 7.70 Ea		307	I-29	00 0 1	\$ 5.90 Ea 5.90 Ea 6.20 Ea	*10 *10 *10
271	J-14		\$ 3.50 Pr	10 Pr	308	D-4	0 1 2	Chrome \$ 8.55 Ea White \$ 5.75 Ea 9.65 Ea 6.60 Ea 10.75 Ea 7.50 Ea	
274	A-23		\$ 8.80 Ea		309	A-13		\$26.50 Ea	
275	C-9		\$ 2.40 Ea	10	309M			26.50 Ea	
276	A-22	#0 #2 #3 #4	\$ 2.00 Ea 2.00 Ea 2.25 Ea 2.25 Ea		309R			26.50 Ea	
278	A-11 & A-16		\$.90 Ea		309G			26.50 Ea	
279	I-32	#10 #20 #30	\$ 7.65 Ea 9.20 Ea 13.90 Ea		310	C-5		\$ 9.25 Ea	10
281	A-14		\$.95 Ea		311	H-14		\$ 5.65 Ea	
281R	&		.95 Ea		312	D-8		\$20.00 Ea	
281G	A-15		.95 Ea		313	E-4		Gray or Br Each \$240.00	Chrome Each \$270.00
282	B-8	#1 #2	\$10.75 Ea 12.65 Ea		313A			250.00	280.00
283R	A-3 & A-14		\$ 1.00 Ea		313B			260.00	290.00
283G			1.00 Ea		313C			270.00	300.00
284	A-17		\$ 1.10 Ea		314	I-28	#1 #2 #3 #4 #5 #6 #7 #8	Galv Each \$ 1.45 Br Each \$ 3.20 1.55 Discontinued 1.70 5.50 2.00 Discontinued 2.60 — 3.50 — 5.15 — 7.00 —	*10 *10 *10 *10 *10 *10 *5 *5
285	J-17		Discontinued		315	F-5	#1 #2	\$ 1.00 Ea 1.20 Ea	10 10
286	A-23		\$ 6.35 Ea		315SP	F-5 & L9	#2	\$ 1.90 Card 22.80 Box	1 Pc 12 Cds
287	A-23		\$ 6.35 Ea		316	C-5	#1 #2	\$ 5.50 Ea 6.80 Ea	10 10
288	B-8	#1 #2	\$13.20 Ea 13.50 Ea						
290	J-17		Discontinued						
291	A-23	#1 #2 #3 #4	\$ 8.80 Ea 8.80 Ea 8.80 Ea 8.80 Ea						
292	A-23		\$ 8.80 Ea						
293	A-23		\$ 8.80 Ea						
296R	A-5		\$.95 Ea						
296G			.95 Ea						
298	H-9	#8 #9	\$ 1.35 Ea 1.30 Ea	10 10					
299	H-12	#1 #1½	\$40.75 Ea 61.00 Ea						

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
316SP	C-5 & L-6	#1	\$ 6.15 Card 36.90 Box	1 Pc 6 Cds	333	I-28	#5 #6 #7	\$.80 Ea 1.10 Ea 1.50 Ea	10 5 5
317	G-3	#4 #5 #6 #8	\$37.75 Ea 44.00 Ea 54.00 Ea 77.00 Ea		334	F-7	#2 #2A #4 #4A #6 #6A	\$ 2.75 Ea 3.00 Ea 3.60 Ea 3.85 Ea 4.95 Ea 5.25 Ea	10 10 10 10 10 10
318	D-4	99A	\$27.75 Ea 2.20 Ea		335	F-7	#3 #3A #6 #6A #9 #9A	\$ 3.30 Ea 3.60 Ea 4.40 Ea 4.95 Ea 5.80 Ea 6.00 Ea	10 10 10 10 10 10
320	H-4	#3-3/4" #4-7/8" #5-1" #6-1 1/8" #7-1 1/4" #8-1 3/8" #9-1 1/2"	\$13.75 Ea 16.25 Ea 17.60 Ea 22.50 Ea 26.75 Ea 33.50 Ea 40.25 Ea		336	F-7	#4 #4A #5 #5A #6 #6A	\$ 3.60 Ea 4.15 Ea 4.40 Ea 4.95 Ea 4.95 Ea 5.50 Ea	10 10 10 10 10 10
321	C-4		\$ 4.15 Ea	10	337	C-11	#4 #11 #12 #13 #14 #18 #19 #20 #21 #23	\$.65 Ea .70 Ea .85 Ea .95 Ea 2.75 Ea 3.15 Ea 3.85 Ea 5.35 Ea 4.75 Ea 1.60 Ea	10 10 10 10 10 10 10 10 10 10
322	H-15	#3-3/8" #4-1/2" #5-3/4" #6-1" #7-1 1/4" #8-1 1/2" #9-2" #10-2 1/2"	\$ 4.70 Ea 5.60 Ea 7.20 Ea 10.65 Ea 16.25 Ea 20.25 Ea 29.50 Ea 42.25 Ea		338	F-5	#1 #2	Discontinued \$ 8.75 Ea	5 5
323	F-5	#4 #5	Discontinued Discontinued	*	339	F-5		\$ 5.80 Ea	5
324	H-12	#1 #1 1/2	\$ 1.30 Ea 1.65 Ea		339SP	F-5 & L-9		\$ 7.00 Card 42.00 Box	1 Pc 6 Cds
325	I-25	99A 99B	\$ 3.60 Set 2.50 Ea 1.40 Ea	10 Sets	340	C-11	#5 #6 #7 #11 #12 #13 #17 #19	\$ 2.60 Ea 2.50 Ea 2.75 Ea 2.20 Ea 2.20 Ea 2.00 Ea 1.40 Ea 1.40 Ea	*6 *6 *6 *6 *2 *2 *2 *2
326	H-11	99A	\$ 3.10 Ea 1.00 Ea	*10	341	B-8	#1 #1 1/2 #2 #3	\$ 3.30 Ea 3.60 Ea 3.85 Ea 4.15 Ea	
327	H-12	#1 #1 1/2	\$ 2.75 Ea 4.65 Ea		343	I-22		\$ 2.50 Ea	
328	H-9	#1 #2 #3	\$.92 Ea 1.05 Ea 1.25 Ea	10 10 10	344	I-17	99A	PI Br \$ 9.90 Ea 1.10 Ea	Chrome \$21.25 Ea *1
329	A-13		\$46.75 Ea		345	H-11		\$ 9.10 Ea	5
330	F-7	#1 #2	\$ 1.00 Ea 1.40 Ea	10 10	346	A-22 & B-8	#1 #2	\$ 1.15 Ea 1.15 Ea	5 5
330SP	F-7 & L-9	#2	\$ 2.20 Card 26.40 Box	1 Pc 12 Cds					
331	H-15	#4-1/2" #5-3/4" #6-1" #7-1 1/4"	\$ 9.90 Ea 11.00 Ea 13.75 Ea 16.80 Ea						
332	H-14	#5 #6	PI Br \$11.55 Ea 14.60 Ea	Chrome \$15.15 Ea 18.15 Ea					
333	I-28	#1 #2 #3 #4	\$.40 Ea .45 Ea .55 Ea .60 Ea	25 25 25 10					

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* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.		
348	H-15	#5-3/4"	\$13.10 Ea		367	G-4	99E	\$ 1.95 Ea			
		#6-1"	14.70 Ea				99F	1.65 Ea			
		#7-1 1/4"	20.25 Ea				99G	.55 Ea			
		#8-1 1/2"	22.50 Ea				99H	.35 Ea			
		#9-2"	30.75 Ea								
		#10-2 1/2"	46.75 Ea								
349	G-7		\$ 1.00 Ea	10	368	G-4	99A	\$13.60 Ea 3.30 Ea			
350	H-15		PI Br Chrome		369	B-8		\$ 3.20 Ea	*5		
		#4-5/8"	\$ 6.20 Ea \$ 8.10 Ea				370	H-18		\$ 6.60 Ea	
		#5-3/4"	6.95 Ea 9.45 Ea								
		#6-1"	10.45 Ea 12.65 Ea								
		#7-1 1/4"	16.25 Ea 18.70 Ea								
#8-1 1/2"	17.60 Ea 20.75 Ea										
351	I-17		PI Br Chrome		371	A-12		Plain Chrome			
			\$10.85 Ea \$14.85 Ea					\$14.00 Ea \$16.80 Ea			
352	H-9		\$ 2.65 Ea	10	380	I-20		\$11.00 Ea	*		
353	H-9	#1	\$52.00 Lgth				380A		11.00 Ea	*	
		#2	6.60 Lgth								
354	E-4		Gray or Br Chrome		381	C-4		\$ 3.65 Ea	10		
			\$20.00 Ea \$25.00 Ea								
355	E-4		\$20.00 Ea \$25.00 Ea		386	H-19		\$12.00 Ea			
357	G-5		\$ 9.35 Ea								
358	I-31		Nat Chrome	20	387	C-4		\$ 1.50 Ea	*5		
			\$ 1.10 Ea \$ 1.25 Ea								
359	H-12		\$.65 Ea		391	G-5		\$30.25 Ea			
360	J-8		\$30.00 Ea				392	G-5	#1	\$55.00 Ea	
		99A	3.85 Ea		#2	85.00 Ea					
		99B	10.45 Ea								
361	H-15	#4-1/2"	\$11.85 Ea		395	J-18	#1	\$ 1.95 Ea	10		
		#5-3/4"	12.40 Ea				#3	1.75 Ea	10		
		#6-1"	15.40 Ea				#4	1.40 Ea	10		
		#7-1 1/4"	17.90 Ea				#5	1.40 Ea	10		
							#6	2.50 Ea	10		
			1.25 Ea	10							
			1.55 Ea	10							
			2.75 Ea	10							
			4.95 Ea	10							
			3.85 Ea	10							
362	A-12		Plain Chrome				395SP	J-18 & L-23	#1	\$ 4.50 Card	2 Pc
			\$15.70 Ea \$18.45 Ea		#3	27.00 Box			6 Cds		
					#6	4.25 Card			2 Pc		
						25.50 Box			6 Cds		
363	H-18	#2	\$12.50 Ea	5			#6	5.60 Card	2 Pc		
		#3	12.50 Ea	5				33.60 Box	6 Cds		
		#4	Discontinued	5							
364	G-4		Discontinued		396	I-28	#1	\$ 3.30 Ea	*5		
		99A	\$ 6.00 Ea				#2	3.85 Ea	*5		
		99B	3.30 Ea		#3	4.40 Ea	*5				
		99C	38.50 Ea		#4	5.50 Ea	*5				
		99D	4.40 Ea		#5	6.35 Ea	*5				
		99E	2.20 Ea								
99F	.85 Ea										
365	G-4		\$ 4.95 Ea		398	I-28	#4	\$ 6.00 Ea	*5		
366	C-4		\$ 3.75 Ea	10			#5	8.00 Ea	*5		
367	G-4		\$36.25 Ea		400	K-4	#4	\$530.00 Pr			
		99A	4.40 Ea				#6	560.00 Pr			
		99B	5.50 Ea				#8	600.00 Pr			
		99C	.85 Ea		403B	B-7	#2	\$66.00 Ea			
		99D	1.65 Ea				#2	66.00 Ea			
		403C	#2	92.00 Ea							
		403C	#3	92.00 Ea							
		403RB	#2	70.00 Ea							
		403GB	#2	70.00 Ea							
		403MB	#2	70.00 Ea							
		403RB	#3	103.00 Ea							

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* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.	
403GB	B-7	#3	\$103.00 Ea		425	K-4	#4	\$550.00 Pr		
403MB		#3	103.00 Ea				#6	580.00 Pr		
403RC		#2	70.00 Ea				#8	620.00 Pr		
403GC		#2	70.00 Ea		426	K-4		\$28.00 Ea		
403MC		#2	70.00 Ea		429	I-14		\$17.00 Ea		
403RC		#3	103.00 Ea		430	I-14		\$19.25 Ea		
403GC		#3	103.00 Ea		431	I-5	#2	\$30.25 Ea		
403MC		#3	103.00 Ea				#2-1/2"	46.75 Ea		
404	K-7	#1	\$16.50 Ea				#3	55.00 Ea		
		#2	22.00 Ea				#4	105.00 Ea		
		#1-99A	5.50 Ea		433	E-7	#1	12 Volt \$ 6.35	24 Volt —	32 Volt —
		#2-99A	7.00 Ea				#2	11.55	\$19.25	—
405	C-7	#1	\$ 2.40 Ea	5			#3	12.40	24.75	\$20.75
		#2	3.00 Ea	5	434	I-14		\$17.60 Ea		
		#3	3.00 Ea	5	438	A-12	#1	\$17.35 Ea		
407	H-10	#2-2 7/8"	\$ 4.70 Set	10			#2	19.00 Ea		
		#2A-3 3/4"	7.80 Set	5	440	E-6	#1	12 Volt \$41.00 Ea	32 Volt —	
		#3-5"	12.65 Set	5			#3	63.00 Ea	\$71.00 Ea	
408	K-4 & K-5		\$21.00 Ea		441	G-3		\$ 6.00 Ea		5
409	K-4		\$ 7.25 Ea		442	G-3	4"	\$11.30 Ea		
410	K-5	#1	\$ 6.60 Ea				5"	12.40 Ea		
	K-4-5	#2	6.60 Ea				6"	12.65 Ea		
411	I-29		\$ 4.15 Ea	12			8"	18.15 Ea		
412B	B-7		\$114.00 Ea		444	K-6	#1	\$ 55.00 Pr		
412RB			121.00 Ea				#2	110.00 Pr		
		99A	.55 Ea		445	K-5	#1	\$265.00 Pr		
413	I-20		\$11.00 Ea	*			#2	265.00 Pr		
413A			9.10 Ea	*			#3	350.00 Pr		
414	H-18	#1	\$ 3.60 Ea	10	447	I-14		\$ 7.85 Ea		*5
		#2	4.15 Ea	10			99A	4.15 Ea		
		99A	2.75 Ea		448	K-8	#1	\$16.50 Ea		
		#1-99B	1.10 Ea				#2	22.00 Ea		
		#2-99B	1.40 Ea		449	K-7		\$33.50 Ea		
414SP	H-18 & L-12	#1	\$ 4.50 Card	1 Pc			99A	26.00 Ea		
			54.00 Box	12 Cds			99B	7.00 Ea		
415	K-5	#1	\$ 6.00 Ea		450	D-2		Pol Br \$12.00 Ea	Chr \$12.95 Ea	
		#2	6.00 Ea		451	K-6	#1	\$ 55.00 Pr		
417	I-13	#1-1/2"	\$.30 Ea	10			#2	110.00 Pr		
		#2-3/4"	.40 Ea	10			#3	158.00 Pr		
		#3-1"	.55 Ea	10	452	K-8		\$14.25 Ea		
		#4-1 1/4"	.85 Ea	5			99A	.60 Ea		
		#5-1 1/2"	1.10 Ea	5	453	I-29	#1	\$.35 Ea		*10
		#6-1 3/4"	1.40 Ea	5			#2	.35 Ea		*10
		#7-2"	1.60 Ea	5			#3	.60 Ea		*10
							#4	.60 Ea		*5
420	G-6	6"	Pol Br \$47.25 Ea				#5	2.15 Ea		*5
		8"	Chrome \$54.00 Ea		455	A-12	#1	\$10.75 Ea		
		99A	86.00 Ea				#2	11.85 Ea		
			94.00 Ea		456	E-6		\$ 1.25 Ea		
			10.75 Ea							
423	I-13	#1	\$ 8.25 Ea	5						
		#2	11.55 Ea	5						
424	C-9		\$ 4.95 Ea	10						

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.	
457	E-6	#1	\$43.50 Ea		472	C-7	#20	\$ 2.50 Ea	10	
		#3	65.50 Ea	#21			2.50 Ea			
		#1-99A	6.50 Ea	474	K-6	#1	\$19.25 Ea			
		#3-99A	10.50 Ea			#2	37.75 Ea			
		99B	1.25 Ea	#3	42.00 Ea					
458	K-8	#1	\$17.50 Ea		475	K-9	PI Br Chrome			
459	K-8		\$15.25 Ea				99A	\$33.50 Ea	\$57.00 Ea	
460	K-2	15'	\$62.00 Pr				99B	24.00 Ea	39.00 Ea	
		15'-99A	12.00 Ea				99C	3.75 Ea	5.25 Ea	
		15'-99B	12.00 Ea			5.25 Ea	9.00 Ea			
		15'-99C	12.00 Ea		476	K-2	\$86.00 Per Kit		3 Kits	
		20'	Discontinued		478	K-6	#1	\$20.00 Ea		
		20'-99D	10.00 Ea		#2	37.00 Ea				
20'-99E	10.00 Ea		479	K-6	#1	\$13.00 Ea				
20'-99F	10.00 Ea				#2	25.00 Ea				
20'-99G	10.00 Ea				#3	40.00 Ea				
461	G-3		\$ 2.90 Lgth		482	K-9	#1	\$ 1.20 Ea		
465	I-29		Pln Each	Pol Each	Chrome Each		#2	1.35 Ea		
		#1	\$.20	\$.30	\$.45	*10	483	K-9	#1	\$ 1.25 Ea
		#2	.25			*10			#2	1.35 Ea
		#3	.45			*10	486	I-14	#1-5/16"	\$17.60 Ea
		#4	.75	1.00	1.30	*10			#3-3/8"	18.70 Ea
		#5	1.00			*10			#4-1/2"	24.00 Ea
		#7	1.75			*5	488	A-12		\$19.00 Ea
		#8	2.55	3.00	3.30	*5			488 G	
		#9	5.30	5.80	6.35	*5	490	C-3		\$.45 Ea
466	I-28		Galv Each	S.S. Each		492	I-24		\$ 2.00 Pr	10 Pr
		#1	\$.30	\$.60	20	492 SP	I-24 & L-23		\$ 3.20 Card	1 Pr
		#2	.30	.60	20				38.40 Box	12 Cds
		#3	.30	.65	20	493	H-13	#3-3/8"	\$ 29.00 Ea	
		#4	.35	.90	20			#4-1/2"	38.25 Ea	
		#5	.35	1.75	20			#5-3/4"	46.25 Ea	
		#6	.50	2.75	20			#6-1"	54.25 Ea	
		#7	1.00		10			#7-1 1/4"	62.50 Ea	
		#8	1.75		10			#8-1 1/2"	78.50 Ea	
		#9	2.20		10			#9-2"	100.00 Ea	
		#10	2.75		10			#10-2 1/2"	120.00 Ea	
467	H-17		\$57.00 Ea		#3-99A			\$ 18.85 Ea		
		99A	8.80 Ea		#4-99A			24.85 Ea		
468	K-2	#1	\$.80 Ea	6	#5-99A	30.00 Ea				
		#2	.80 Ea	6	#6-99A	35.25 Ea				
		#3	1.15 Ea	6	#7-99A	40.65 Ea				
		#4	1.15 Ea	6	#8-99A	51.00 Ea				
		#5	1.25 Ea	6	#9-99A	65.00 Ea				
		#6	1.25 Ea	6	#10-99A	78.00 Ea				
469	K-2		\$ 1.85 Ea	10	#3-99B	\$ 11.60 Ea				
469SP	K-2 & L-23		\$ 5.75 card	1 Pr	#4-99B	15.30 Ea				
			34.50 Box	6 Cds	#5-99B	18.50 Ea				
470	K-5	#1	\$297.00 Pr		#6-99B	21.75 Ea				
		#2	297.00 Pr		#7-99B	25.00 Ea				
		#3	385.00 Pr		#8-99B	31.50 Ea				
					#9-99B	40.00 Ea				
					#10-99B	48.00 Ea				
					#3-99C	\$ 5.80 Ea				

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* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
493	H-13	#4-99C	\$10.20 Ea		493	H-13	#9-99K	\$.60 Ea	
		#5-99C	12.20 Ea				#10-99K	.60 Ea	
		#6-99C	14.40 Ea				#3-99L	\$ 2.10 Ea	
		#7-99C	15.00 Ea				#4-99L	2.10 Ea	
		#8-99C	19.60 Ea				#5-99L	2.10 Ea	
		#9-99C	24.40 Ea				#6-99L	2.10 Ea	
		#10-99C	24.40 Ea				#7-99L	2.10 Ea	
		#3-99D	\$ 6.40 Ea				#8-99L	3.10 Ea	
		#4-99D	8.50 Ea				#9-99L	3.10 Ea	
		#5-99D	10.25 Ea				#10-99L	3.10 Ea	
		#6-99D	11.95 Ea						
		#7-99D	13.75 Ea		494	E-6		\$ 5.50 Ea	
		#8-99D	17.25 Ea		495	A-21	#1	\$ 8.00 Ea	*5
		#9-99D	22.00 Ea				#2	8.80 Ea	*5
		#10-99D	26.40 Ea				#3	10.75 Ea	*5
		#3-99E	\$ 2.35 Ea		496	A-21	#2	\$10.00 Ea	
		#4-99E	3.10 Ea				#3	11.50 Ea	
		#5-99E	4.00 Ea				#4	11.50 Ea	
		#6-99E	4.50 Ea				#5	12.50 Ea	
		#7-99E	5.00 Ea				#6	18.00 Ea	
		#8-99E	6.30 Ea				#7	21.25 Ea	
		#9-99E	8.00 Ea				#8	28.00 Ea	
		#10-99E	9.60 Ea						
		#3-99F	\$.95 Ea		497	I-20		\$ 7.70 Lgth	3 Lgths
		#4-99F	1.05 Ea						
		#5-99F	1.15 Ea		498	I-20		\$26.50 Lgth	3 Lgths
		#6-99F	1.15 Ea						
		#7-99F	1.15 Ea		499	H-16	99A	\$14.30 Ea	
		#8-99F	1.65 Ea					3.85 Ea	
		#9-99F	1.65 Ea						
		#10-99F	1.65 Ea						
		#3-99G	\$ 1.25 Ea		500	H-13	#9-2"	Each	
		#4-99G	1.50 Ea				#10-2½"	\$172.50	
		#5-99G	2.30 Ea				#11-3"	200.00	
		#6-99G	2.70 Ea				#9-99A	218.00	
		#7-99G	3.15 Ea				#10-99A	\$112.00	
		#8-99G	3.95 Ea				#11-99A	130.00	
		#9-99G	5.00 Ea				#9-99B	142.00	
		#10-99G	6.00 Ea				#10-99B	\$ 69.00	
		#3-99H	\$ 1.10 Ea				#11-99B	80.00	
		#4-99H	1.10 Ea				#9-99C	87.00	
		#5-99H	1.10 Ea				#10-99C	\$ 46.00	
#6-99H	1.10 Ea				#11-99C	52.00			
#7-99H	1.10 Ea				#9-99D	55.00			
#8-99H	1.10 Ea				#10-99D	\$ 38.00			
#9-99H	1.10 Ea				#11-99D	44.00			
#10-99H	1.10 Ea				#9-99E	48.00			
#3-99J	\$.95 Ea				#10-99E	\$ 12.80			
#4-99J	1.05 Ea				#11-99E	16.00			
#5-99J	1.15 Ea				#9-99F	20.50			
#6-99J	1.15 Ea				#10-99F	\$ 2.00			
#7-99J	1.15 Ea				#11-99F	2.00			
#8-99J	1.65 Ea				#9-99G	2.00			
#9-99J	1.65 Ea				#10-99G	\$ 8.60			
#10-99J	1.65 Ea				#11-99G	10.00			
#3-99K	\$.35 Ea				#9-99H	11.00			
#4-99K	.35 Ea				#10-99H	\$ 1.10			
#5-99K	.35 Ea				#11-99H	1.10			
#6-99K	.35 Ea				#9-99I	1.10			
#7-99K	.35 Ea				#10-99I	\$ 2.00			
#8-99K	.60 Ea				#11-99I	2.00			
					#9-99J	2.00			
					#10-99J	2.00			
					#11-99J	2.00			
					#9-99K	\$.60			
					#10-99K	.60			
					#11-99K	.60			

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* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
500	H-13	#9-99L #10-99L #11-99L	\$ 3.10 3.10 3.10		528	H-6	#5-3/4" #6-1" #7-1 1/4" #8-1 1/2" #9-2" #10-2 1/2" #11-3"	Mach Each \$ 8.20 Pol Chr Each \$11.85 9.35 13.00 11.85 15.75 13.75 17.40 21.00 27.00 29.00 33.25 39.50 44.00	
501	I-17		Pl Br Chrome \$18.15 Ea \$23.75 Ea		528D	H-6	#7-1 1/4" #8-1 1/2" #9-2"	\$11.85 \$15.75 13.75 17.40 21.00 27.00	
502	I-24	#1 #2	\$ 1.70 Pr 1.95 Pr	10 Pr 10 Pr	528G	H-6	#7-1 1/4" #8-1 1/2" #9-2"	\$11.85 \$15.75 13.75 17.40 21.00 27.00	
502SP	I-24 & L-23	#1	\$ 2.55 Card 30.60 Box	1 Pr 12 Cds	528W	H-6	#7-1 1/4" #8-1 1/2" #9-2"	\$11.85 \$15.75 13.75 17.40 21.00 27.00	
503	F-8	#3 #4	\$ 8.00 Ea 9.70 Ea	5 5	528	H-6	#5-99A #6-99A #7-99A #8-99A #9-99A #10-99A #11-99A	\$ 4.15 \$ 5.95 4.70 6.55 5.95 7.85 6.90 8.70 10.45 13.50 14.45 16.65 19.80 22.00	
505	F-8		\$ 7.70 Ea	5	528D	H-6	#5-99B #6-99B #7-99B #8-99B #9-99B #10-99B #11-99B	\$.50 Ea .50 Ea .50 Ea .50 Ea .60 Ea .60 Ea .60 Ea	
506	F-8	99A	\$ 3.30 Ea .55 Ea	10	528G	H-6			
509	F-8	#3 #4	\$ 6.90 Ea 8.80 Ea	10 10	528W	H-6			
510	F-3	4" 5" 6" 8"	White Pol Br Chrome Each Each Each \$ 62.00 \$107.00 \$116.00 79.00 138.00 147.00 119.00 217.00 231.00 160.00 363.00 438.00		528	H-6			
511A	C-3		\$ 5.25 Ea	*5	528D	H-6			
511B	C-3		5.25 Ea	*5	528G	H-6			
511C	C-3		2.20 Ea	*5	528W	H-6			
512	C-3		\$34.75 Ea		530	I-4	8" 10" 12" 15"	\$ 5.80 Ea 8.25 Ea 12.40 Ea 18.15 Ea	
514	C-2		\$ 1.55 Ea		531	C-3		\$.40 Ea	10
515	F-8	#3-3/8" #4-1/2"	\$ 6.95 Ea 8.55 Ea	10 10	532	C-11	#1 #2	\$20.25 Ea 20.25 Ea	
516	C-2		\$ 1.60 Ea		533	I-24	#1 #2 99A 99B 99C	\$13.50 Ea 14.85 Ea 5.50 Ea 1.75 Ea 3.25 Ea	
517	C-2		\$38.00 Ea		533SP	I-24 & L-16	#1	\$15.25 Card 45.75 Box	1 Pc 3 Cds
518	I-2		Discontinued	5	534	E-6	#2 #3	12 Volt 24 Volt 32 Volt Each Each Each \$ 90.00 \$ 92.00 \$ — 92.00 100.00 97.00	
519	C-2		\$ 1.00 Ea	5	535	E-5	#2 #3	\$108.00 \$110.00 \$ — 110.00 118.00 115.00	
522	C-2 & C-3		\$.85 Ea		536	E-5	#2A-36" #2B-48" #2C-60" #3A-36"	12 Volt 24 Volt 32 Volt Each Each Each \$118.00 \$120.00 — 122.00 124.00 — 126.00 128.00 — 120.00 128.00 \$125.00	
524	H-7	99A	\$17.90 Ea 8.95 Ea		526	H-8	3" 4" 5" 6" 8" 3"-99A 4"-99A 5"-99A 6"-99A 8"-99A	Mach Pol Chr Each Each \$17.40 \$25.25 27.25 33.00 38.75 46.25 53.00 69.00 87.00 94.00 8.70 12.65 13.65 16.50 19.40 23.00 26.75 34.75 43.75 47.00	
527	I-2		\$ 7.25 Ea	5	527	I-2		\$ 7.25 Ea	5

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* Quantity Change In Standard Package

Figure	Page	Size	List Price			Std. Pkg.	Figure	Page	Size	List Price		Std. Pkg.
536	E-5	#3B-48" #3C-60"	\$124.00	\$132.00	\$129.00		566SP	cont'd.	6"	\$ 5.50 Card 66.00 Box	1 Pc 12 Cds	
537	H-6		\$.85 Ea			5	567	J-2		\$18.45 Set		
538	E-6		\$29.00 Ea				572	I-3	4½" 5½" 6½" 8" 10" 12"	\$ 9.90 Ea 10.75 Ea 12.65 Ea 15.70 Ea 25.25 Ea 36.75 Ea	10 10 10 5	
539	H-6 & H-8	#1 #2 #3 #4 #5	\$ 1.10 Ea 1.65 Ea 1.95 Ea 3.30 Ea 4.40 Ea				574	J-4	#1 #2	\$14.00 Ea 14.30 Ea	* *	
544	I-4	3" 4" 5" 6" 8" 10"	Pol Br \$ 4.25 Ea	Chrome \$ 4.55 Ea		10 10 10 5	575	J-7		\$ 6.60 Ea		
544SP	I-4 & L-14	4"	\$ 5.85 Card 35.10 Box			1 Pc 6 Cds	575SP	J-7 & L-20		\$ 7.80 Card 93.60 Box	1 Pc 12 Cds	
545	I-4	3" 4" 5" 6" 8" 10" 12"	\$ 1.55 Ea 2.20 Ea 2.35 Ea 2.65 Ea 3.60 Ea 5.50 Ea 7.15 Ea			10 10 10 10 10 *5 *5	576	J-5		\$ 2.00 Ea		
546	I-10	3" 4" 5" 6" 8"	\$ 7.45 Pr 9.10 Pr 17.00 Pr 22.50 Pr 30.50 Pr			5 Pr 5 Pr 5 Pr	577	J-5		\$ 1.10 Ea		
546SP	I-10 & L-15	4"	\$11.00 Card 66.00 Box			1 Pr 6 Cds	578	J-18		\$ 1.95 Pr		
550	F-6		\$ 3.20 Ea			10	578SP	J-18 & L-12		\$ 2.90 Card 34.80 Box	1 Pr 12 Cds	
554	J-6		\$.90 Ea			25	586	G-5		\$10.40 Ea		
555	D-4		\$56.00 Ea				589	H-5	#5-1" #6-1½" #7-1¼"	\$32.75 Ea Discontinued Discontinued		
556	J-14		\$16.50 Pr			*	606	I-26	#1 #1½ #2	\$ 2.30 Ea 3.00 Ea 8.25 Ea	10 10 5	
559	J-6		\$.60 Ea			25	606SP	I-26 & L-22	#1	\$ 3.20 Card 38.40 Box	1 Pc 12 Cds	
559SP	J-6 & L-21		\$ 2.00 Card 50.00 Box			1 Pr 25 Cds	607	I-13	#1 #2	\$ 3.75 Ea 4.95 Ea	*5 *5	
562	I-31		\$.20 Ea			50	608	I-5	#1 #2 #2½ #3 #4	\$16.80 Ea 28.25 Ea 44.75 Ea 52.00 Ea 102.00 Ea		
565	I-30		\$ 2.20 Ea			10*	610	J-16		\$ 1.00 Ea		
565SP	I-30 & L-17		\$ 5.75 Card 69.00 Box			1 Pr 12 Cds	610SP	J-10 & L-21		\$ 3.00 Card 18.00 Box	2 Pcs 6 Cds	
566	I-2	2" 3" 4½" 6"	\$ 1.15 Ea 1.65 Ea 2.50 Ea 3.85 Ea			10 10 10 5	612	I-26	#0 #1 #2 #3 #4 #5 #6	Galv \$ 1.60 Ea 1.95 Ea 2.25 Ea 2.55 Ea 3.50 Ea 4.25 Ea 5.40 Ea	Pl Br \$ 1.30 Ea 1.60 Ea 2.00 Ea 3.00 Ea — Ea — Ea — Ea	*10 *10 *10 *10 *10 *10 *10
566SP	I-2 & L-14	2" 3" 4½"	\$ 3.30 Card 39.60 Box 4.40 Card 52.80 Box 6.60 Card 39.60 Box			1 Pr 12 Cds 1 Pr 12 Cds 1 Pr 6 Cds	613	I-26	#1 #2 #3 #4 #5	Galv \$ 2.55 Ea 2.80 Ea 4.15 Ea 4.85 Ea 6.15 Ea	Pl Br \$ 2.55 Ea 3.10 Ea 4.25 Ea — Ea — Ea	*10 *10 *10 *10 *10
							614	I-26		\$ 5.00 Ea		10

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626	C-6	3 gang 4 gang 5 gang 6 gang	\$ 2.85 Ea 3.85 Ea 4.60 Ea 5.70 Ea	5 5 5 5	672	H-5	#5-1" #6-1 1/8" #7-1 1/4" #8-1 3/8" #9-1 1/2"	\$14.60 Ea 21.25 Ea 21.25 Ea 33.00 Ea 33.00 Ea	
627	C-6	2 gang 4 gang 6 gang	\$ 1.70 Ea 3.00 Ea 4.40 Ea	5 5 5	673	H-5	#3 #4 #5 #6 #7 #8 #9	\$ 2.10 Ea 2.10 Ea 2.10 Ea 6.00 Ea 6.00 Ea 6.90 Ea 6.90 Ea	
629	C-6	4 gang 6 gang 8 gang 12 gang	\$ 5.65 Ea 8.25 Ea 10.90 Ea 16.00 Ea	5 5 * *	679	H-9	#1 #2	\$ 1.55 Ea 2.00 Ea	10 10
630	G-8	12" 15" 18"	\$ 7.25 Ea 7.70 Ea 9.90 Ea		680	I-27	#1 #2 #3 #4	\$.20 Ea .30 Ea .40 Ea .70 Ea	50 50 50 50
634	I-30		\$ 3.10 Ea	10	686	G-8	12" 15" 18"	Discontinued Discontinued Discontinued	
634SP	I-30 & L-17		\$ 7.70 Card 92.40 Box	1 Pr 12 Cds	688	C-6		\$ 1.80 Ea	10
647	C-6	4 gang 6 gang 8 gang 12 gang	\$ 9.55 Ea 13.20 Ea 16.50 Ea 25.25 Ea	5 5 * *	692	H-9		\$11.55 Ea	*5
654	F-4	#2	\$23.00 Ea		693	G-8	#1 #2	\$ 4.75 Ea 10.90 Ea	5 5
657	H-2	#1 #2 #3 #4 #5 #6 #7 #8	\$86.00 Ea 86.00 Ea 88.00 Ea 88.00 Ea 97.00 Ea 119.00 Ea 136.00 Ea 153.00 Ea		694	C-6		\$ 2.50 Ea	5
658	A-9	99A	\$26.25 Ea 17.25 Ea		697	J-9		\$ 5.80 Ea	10
659	I-26		\$ 1.75 Ea	25	703	C-6		\$ 1.10 Ea	10
659SP	I-26 & L-22		\$ 2.45 Card 24.50 Box	1 Pc 10 Cds	703SP	C-6 & L-7		\$ 1.75 Card 10.50 Box	1 Pc 6 Cds
660	A-9 & A-10		\$ 2.20 Ea		704	H-19		\$12.95 Ea	*
661	H-2	#1-12" #2-16" 99A 99B	\$20.25 Ea 26.25 Ea .55 Ea .65 Ea		705	H-19		\$11.55 Ea	*
663	A-9		\$ 2.20 Ea		706	G-8		\$ 8.55 Ea	
669	I-17	99A	\$13.75 Set 6.60 Pr	5 Set	708	G-8		\$ 7.15 Ea	
670	H-2	#1 #2	\$.65 Ea .90 Ea		709	H-19		\$ 5.25 Ea	5
671	H-5	#3-3/4" #5-1" #6-1 1/8" #7-1 1/4" #8-1 3/8" #9-1 1/2"	\$35.25 Ea 35.25 Ea 73.00 Ea 73.00 Ea 94.00 Ea 94.00 Ea		714	H-18	#1 #2	\$ 3.85 Ea 4.40 Ea	5 5
672	H-5	#3-3/4" #4-7/8"	\$14.60 Ea 14.60 Ea		717	I-17	99A 99B	\$44.50 Set 14.85 Pr 33.00 Pr	
					719	J-11	99A 99B	\$ 6.90 Ea 2.20 Ea 2.40 Ea	*5
					720	C-8	2 Pole 3 Pole 4 Pole	\$ 1.25 Ea 1.80 Ea 2.20 Ea	5 5 5
					720SP	C-8 & L-7	2 Pole 3 Pole 4 Pole	\$ 1.90 Card 9.50 Box 2.45 Card 12.25 Box 3.00 Card 15.00 Box	1 Pc 5 Cds 1 Pc 5 Cds 1 Pc 5 Cds

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Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
721	H-19		\$11.55 Ea	*	769	J-9		\$ 8.80 Ea	10
722	H-19		\$11.55 Ea	*	770	J-10		\$10.45 Ea	5
732C	I-31		\$.75 Ea	10			99A	2.50 Ea	
732SS	I-31		1.50 Ea	10			99B	3.60 Ea	
732SP	I-31 & L-17		\$ 2.40 Card	1 Pr	773	J-15		Burn Br Chrome \$20.00 Pr \$36.50 Pr	
Cad	L-17		28.80 Box	12 Cds	775	I-15	#1	\$ 3.95 Ea	10
732SP	I-31 & L-17		3.95 Card	1 Pr			#2	5.80 Ea	10
SS	L-17		47.40 Box	12 Cds	775SP	I-15 & L-13	#2	\$13.20 Card 79.20 Box	1 Pr 6 Cds
734	H-4	#5-1" #6-1 1/8" #7-1 1/4" #8-1 3/8" #9-1 1/2"	\$33.50 Ea 41.50 Ea 43.75 Ea Discontinued 66.00 Ea		776	J-7	#1 #2	Burn Br Chrome \$ 6.60 Ea \$ 8.55 Ea 8.80 Ea 11.00 Ea	5 5
737	H-18	#1 #2	\$ 5.90 Ea 6.45 Ea	5 5	776SP	J-7 & L-20	#1	\$ 9.90 Card 59.40 Box	1 Pc 6 Cds
738	H-16	2" 2 1/2" 3" 3 1/2" 4" 8"	PI Br Chrome \$ 4.50 Ea \$ 6.00 Ea 5.50 Ea 7.75 Ea 7.25 Ea 8.85 Ea 7.30 Ea 9.10 Ea 7.30 Ea 9.10 Ea 15.75 Ea 22.75 Ea		778	F-2	#1-Sat #2-Nat	\$35.25 Ea 80.00 Ea	
739	C-8		\$ 6.60 Ea		786	C-9		\$ 1.10 Ea	10
741	I-5	#0 #1 #0-99A #1-99A	\$14.30 Ea 23.00 Ea 7.70 Ea 12.00 Ea		786SP	C-9 & L-7		\$ 1.70 Card 17.00 Box	1 Pc 10 Cds
742	H-18	#1 #2	\$ 1.40 Ea 2.00 Ea		787	F-3		\$ 3.85 Ea	
743SP	L-7		\$10.00 Card 30.00 Box	1 Kit 3 Cds	789	F-3	#2-25' #3-25' #4-25'	\$22.00 Lgth 23.75 Lgth 26.50 Lgth	2 2 2
745	C-6		\$ 1.40 Ea	10	791	F-2	#1-Sat #2-Nat	\$37.50 Ea 85.00 Ea	
747	A-22		\$ 2.75 Ea	10	792	H-9	#1 #3	\$ 1.25 Ea 1.15 Ea	
749	C-8		\$ 1.60 Ea	10	793	H-9	#1 #2 #3	\$ 1.50 Ea 2.00 Ea 1.50 Ea	*5 *5 *5
750	I-5	99A	\$28.25 Ea 15.95 Ea		795	G-5		\$12.00 Ea	
751	C-8		\$ 2.30 Ea	10	796	G-2	#1 #2	Alum Bronze \$49.50 Ea \$ 75.00 Ea 61.00 Ea 101.00 Ea	
752	I-5		PI Br Chrome \$12.00 Ea \$17.90 Ea		797	J-9		\$15.40 Ea	
753	D-5	#1 #2	\$73.00 Ea 76.00 Ea		800	E-7		\$13.75 Ea	
754	I-31		\$.55 Ea	25	801	E-7		7.15 Ea	
755	H-16		PI Br Chrome \$ 9.15 Ea \$13.00 Ea		802	E-7		22.25 Ea	
757	I-5		\$ 5.80 Ea		803	G-2	#1 #2	Alum Bronze \$43.00 Ea \$66.00 Ea 53.00 Ea 90.00 Ea	
759	I-23	#1 #2	\$ 6.00 Ea 15.40 Ea		804	G-5		\$12.65 Ea	
761	D-4		\$ 4.40 Ea		806	E-7		\$36.25 Ea	
762	J-10	#1 #2 #3	\$18.15 Pr 18.70 Pr 20.25 Pr		807	E-7		\$12.65 Ea	
					808	J-13		\$ 5.50	5 Pr
					808SP	J-13 & L-19		\$ 6.75 Card 67.50 Box	1 Pr 10 Cds
					809	E-7		\$18.15 Ea	
					810	E-7		\$15.15 Ea	

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Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.	
811	E-7		\$22.00 Ea		838	G-3	6" 8"	\$21.25 Ea 41.75 Ea		
812	G-2	#1 #2	Alum \$ 5.80 Ea Bronze \$ 8.25 Ea 7.15 Ea 11.55 Ea		841	J-7		\$ 3.00 Ea	10	
813	G-2	#1 #2	\$ 8.80 Ea \$12.65 Ea 10.45 Ea 17.60 Ea		841SP	J-7 & L-20		\$ 3.85 Card 46.20 Box	1 Pc 12 Cds	
814	G-2	#1 #2	Chrome \$ 6.60 Ea 8.80 Ea		842	I-27		\$.75 Ea	50	
815	H-3	#4-7/8" #5-1" #6-1 1/8" #7-1 1/4" #8-1 3/8" #9-1 1/2"	Discontinued \$ 6.60 Ea 7.45 Ea 10.45 Ea 11.00 Ea 11.95 Ea		863	I-13		\$ 5.50 Ea	*5	
816	E-7		\$14.30 Ea		863SP	I-13 & L-16		\$ 7.15 Card 42.90 Box	1 Pc 6 Cds	
817	E-7		25.25 Ea		864	F-4		Discontinued		
818	H-3	#5-1" #6-1 1/8" #7-1 1/4"	\$ 94.00 Ea 121.00 Ea 155.00 Ea		865	H-8	#1 #1A #1B #1C #2 #2A #2B #2C #8	Each \$19.00 22.50 22.50 22.50 6.95 6.95 9.90 9.90 8.00		
819	H-4	#6-1 1/8" #7-1 1/4" #8-1 3/8" #9-1 1/2" #10-1 3/4" #11-2"	Discontinued \$49.75 Ea 61.00 Ea 78.00 Ea 98.00 Ea 106.00 Ea		867	F-4	#1 #2 #3	\$ 5.25 Ea Discontinued Discontinued		
820	E-7		\$15.15 Ea		869	F-4		\$ 5.00 Ea		
821	H-14	#4-1/2" #5-3/4" #6-1" #7-1 1/4" #8-1 1/2"	\$24.00 Ea 28.50 Ea 39.00 Ea 58.00 Ea 76.00 Ea		870	F-4	#2 #3	\$ 7.45 Ea 8.80 Ea		
822	F-2	#1 #2	\$22.00 Ea 39.50 Ea		877	I-25	#1 #2	PI Br Discontinued Discontinued	Chrome Discontinued Discontinued	10 10
824	F-2	#1 #2	\$ 3.30 Ea 3.95 Ea		881	I-31	#0 #1 #2	Natural \$.95 Ea 1.45 Ea 1.65 Ea	Chrome \$ 1.75 Ea 2.60 Ea 2.95 Ea	50 50 25
826	H-8		\$ 6.60 Ea	5	882	I-25	#1 #2	PI Br \$ 2.15 Ea 2.15 Ea	Chrome \$ 4.60 Ea 4.60 Ea	10 10
827	H-8		\$ 1.85 Ea	10	883	E-2	#1-10" #2-12" #3-14"	Gray or Br Each \$275.00 375.00 430.00	Chrome Each \$315.00 420.00 500.00	
827SP	H-8 & L-12		\$ 2.85 Card 17.00 Box	1 Pc 6 Cds	884	E-2	#1-10" #2-12" #3-14"	\$295.00 405.00 468.00	\$350.00 465.00 535.00	
828	I-19		\$ 6.60 Pr	10 Pr	884L	E-3	#1A-10" #2A-12" #3A-14"	\$305.00 415.00 480.00	\$360.00 475.00 545.00	
829	I-19	#0 #1	\$ 6.50 Pr 8.25 Pr	10 Pr 10 Pr			#1B-10" #2B-12" #3B-14"	\$315.00 425.00 490.00	\$370.00 485.00 555.00	
830	I-19	99A	\$ 7.25 Pr .30 Ea	10 Pr 10			#1C-10" #2C-12" #3C-14"	\$325.00 435.00 500.00	\$380.00 495.00 565.00	
831	I-19		\$ 3.50 Pr	10 Pr						
832	I-19		\$ 5.00 Pr	10 Pr						
833	I-19		\$ 5.50 Pr	10 Pr						
836	E-7		\$12.00 Ea							
838	G-3	4" 5"	\$16.80 Ea 19.00 Ea							

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price		Std. Pkg.	Figure	Page	Size	List Price		Std. Pkg.	
885	E-2	#1-10"	Gray or Br	Chrome		916	I-20		\$27.00	Lgth	3 lgth	
		#2-12"	Each	Each		917	J-19		\$13.20	C	100	
		#3-14"	\$305.00	\$360.00		918	J-2		\$28.50	Set		
885L	E-3	#1A-10"	\$315.00	\$370.00		919	J-2		\$28.50	Set		
		#2A-12"	415.00	475.00		923	I-29	#0	\$ 5.25	Ea	*2	
		#3A-14"	500.00	570.00				#1	6.00	Ea	*2	
		#1B-10"	\$325.00	\$380.00			#2	7.15	Ea	*2		
		#2B-12"	425.00	485.00			#3	7.70	Ea	*2		
		#3B-14"	510.00	580.00			#4	12.65	Ea	*2		
		#1C-10"	\$335.00	\$390.00			924	J-14		\$ 4.20	Pr	5 Pr
		#2C-12"	435.00	495.00			924SP	J-14 & L-19		\$ 5.40	Card	1 Pr
		#3C-14"	520.00	590.00						64.80	Box	12 Cds
890	E-3	#1	\$ 53.00 Ea			925	J-16		\$ 2.20	Ea	10	
		#2	58.00 Ea			927	J-2	99A	\$25.25	Set		
		#3	115.00 Ea						11.00	Ea		
891	E-3	#1	Gray or Br	Chrome		928	J-2		\$17.60	Set		
		#2	\$48.50 Ea	\$56.00 Ea		929	J-14		\$ 2.60	Pr	*10 Pr	
		#3	52.50 Ea	59.00 Ea		930	J-2		\$17.60	Set		
892	E-3		\$29.50 Ea	\$33.00 Ea								
894	E-3		\$ 1.60 Ea									
895	E-3		\$ 3.80 Ea									
896	J-19		\$ 6.60 C		100							
897	E-3		\$ 2.55 Ea									
898	J-19		\$ 5.50 C		100							
899	E-3		\$ 2.20 Ea									
900	J-19		\$14.85 C		100							
901	J-19		3.30 C		100							
902	E-3	#1-10"	Gray or Br	Chrome		933	I-11	#1	PI Br	Chrome	5 Sets	
		#2-12"	\$48.50 Ea	\$56.00 Ea					\$14.60	Set		\$15.95
		#3-14"	52.50 Ea	59.00 Ea				#2	17.00	Set	18.70	Set
	59.00 Ea	64.00 Ea	#1-99A	\$ 5.80	Ea			\$ 6.60	Ea			
			#1-99B	4.40	Pr			5.00	Pr			
			#1-99C	4.40	Ea			5.00	Ea			
			#2-99A	\$ 7.15	Ea			\$ 7.70	Ea			
			#2-99B	5.10	Pr			5.65	Pr			
			#2-99C	5.10	Ea			5.65	Ea			
903	A-14		\$10.45 Ea			934	J-11		\$ 2.75	Ea	*5	
904	A-5		\$12.00 Ea			935	J-11		\$ 3.40	Ea	*5	
905	J-17		Discontinued			936	I-21	#1	\$23.75	Ea		
906	J-19		\$12.65 C		100			#2	25.75	Ea		
907	J-19		\$ 3.30 C		100	937	J-11		\$ 3.30	Ea	*5	
908	E-3	#1-10"	Gray or Br	Chrome		937SP	J-11 & L-21		\$ 7.95	Card	1-Pr	
		#2-12"	\$52.50 Ea	\$60.00 Ea					47.70	Box	6 Cds	
		#3-14"	56.50 Ea	63.00 Ea								
914	H-2	#1	Pol Br	Chrome		939	A-17	#1	\$19.25	Ea		
		#2	\$53.00 Ea	\$59.00 Ea				#2	19.25	Ea		
		#3	53.00 Ea	59.00 Ea				#1-99B	2.75	Ea		
		#4	67.00 Ea	73.00 Ea				#2-99B	2.75	Ea		
		#5	67.00 Ea	73.00 Ea				99C	1.10	Ea		
915	A-14		\$22.00 Pr									
915R	A-14		11.85 Ea									
915G	A-14		11.85 Ea									
916	A-17	#1	\$11.55 Ea									
917	A-17	#2	11.55 Ea									

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
946	A-17	99A #1- 99B #2- 99B 99C	\$ 1.10 Ea 2.75 Ea 2.75 Ea .85 Ea		970	A-5		\$16.50 Ea	
947	J-5	#1 #2 #3	Pl. Br Chrome \$ 5.50 Ea \$ 6.00 Ea 5.80 Ea 6.35 Ea 6.60 Ea 7.45 Ea	5 5 5	972	A-5		\$ 9.90 Ea	
947SP	J-5 & L-18	#2	\$ 7.25 Card 36.25 Box	1 Pc 5 Cds	972SP	A-5 & L-2		\$11.25 Card 45.00 Box	1 Pc 4 Cds
948	J-3		\$ 7.45 Ea	*5	973	I-21		\$11.85 Ea	*
951	J-13	#1-3" #2-4"	\$10.20 Pr 11.00 Pr	5 Pr 5 Pr	974	A-5		\$16.50 Ea	
952	J-12	#1-1½x1¼ #2-1½x1½ #3-2x1½ #4-2x2 #5-2½x2 #6-2½x2½ #7-3x3	Pl Br Pol Chr \$ 5.00 Pr \$ 6.75 Pr 5.25 Pr 6.80 Pr 5.75 Pr 8.00 Pr 6.75 Pr 8.80 Pr 7.50 Pr 9.60 Pr 8.50 Pr 11.00 Pr 11.00 Pr 13.50 Pr	5 Pr 5 Pr 5 Pr 5 Pr *1 Pr *1 Pr *1 Pr	975	J-16	#1-2" #2-3"	\$ 1.00 Ea 1.20 Ea	10 10
953	J-2		\$11.00 Ea		977	I-21		\$12.00 Ea	*
954	J-11		\$ 1.95 Ea	*5	978	J-3		\$ 7.45 Ea	*5
955 955R 955G	A-14		\$20.00 Pr 11.30 Ea 11.30 Ea		979	J-17		Pol. Br. Chrome \$ 2.50 Ea \$ 3.40 Ea	10
955SP	A-14 & L-3		\$21.50 Card 86.00 Box	1 Pr 4 Cds	981	I-21		\$12.95 Ea	*
956	J-4	#1-1½" #2-2" #3-2½" #4-3" #5-3½" #6-4" #7-5" #8-6"	Pl Br Chrome \$ 3.10 Ea \$ 3.65 Ea 3.20 Ea 3.75 Ea 3.30 Ea 3.85 Ea 3.45 Ea 4.00 Ea 3.60 Ea 4.20 Ea 4.95 Ea 5.70 Ea 5.25 Ea 6.35 Ea 5.60 Ea 6.90 Ea	*5 *5 *5 *5 *5 *5 *5 *5	982	B-6	#1 #1 #1 #1 #1 #1 #1 #1	Galv Each Pl Br Each Pol Br Each \$ 96.00 \$143.00 \$158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00	
958	J-16		\$ 2.75 Ea	10	982R	B-6	#2 #2 #2 #2 #2 #2 #2	\$121.00 \$177.00 \$200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00	
959	J-4		Pl Br Chrome \$ 1.50 Ea \$ 1.70 Ea		982M	B-6	#2 #2 #2 #2 #2 #2	121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00	
960	J-2		\$17.35 Set		982B	B-6	#2 #2 #2 #2 #2 #2	121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00	
962	J-2		\$ 8.25 Ea		982RB	B-6	#2 #2 #2 #2 #2 #2	121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00	
963 963R 963G	A-15		\$17.60 Pr 9.65 Ea 9.65 Ea		982MB	B-6	#2 #2 #2 #2 #2 #2	121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00	
964	A-15		\$ 8.80 Ea		982C	B-6	#2 #2 #2 #2 #2 #2	121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00	
964SP	A-15 & L-3		\$10.25 Card 41.00 Box	1 Pc 4 Cds	982RC	B-6	#2 #2 #2 #2 #2 #2	121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00	
965	A-15		\$ 8.80 Ea		982MC	B-6	#2 #2 #2 #2 #2 #2	121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00 121.00 177.00 200.00	
965SP	A-15 & L-3		\$10.25 Card 41.00 Box	1 Pc 4 Cds	983B	B-5	#1 #1 #1 #1 #1 #1	\$ 91.00 \$136.00 \$151.00 91.00 136.00 151.00 91.00 136.00 151.00 91.00 136.00 151.00 91.00 136.00 151.00 91.00 136.00 151.00	
967	J-9		\$11.55 Ea	5	983RB	B-5	#1 #1 #1 #1 #1 #1	91.00 136.00 151.00 91.00 136.00 151.00 91.00 136.00 151.00 91.00 136.00 151.00 91.00 136.00 151.00 91.00 136.00 151.00	
					983MB	B-5	#2 #2 #2 #2 #2 #2	\$114.00 \$171.00 \$190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00	
					983C	B-5	#2 #2 #2 #2 #2 #2	114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00	
					983RC	B-5	#2 #2 #2 #2 #2 #2	114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00	
					983MC	B-5	#2 #2 #2 #2 #2 #2	114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00 114.00 171.00 190.00	
					985	B-6	#1 #1 #1 #1 #1 #1	\$ 96.00 \$143.00 \$158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00	
					985R	B-6	#1 #1 #1 #1 #1 #1	96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00	
					985M	B-6	#1 #1 #1 #1 #1 #1	96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00	
					985B	B-6	#1 #1 #1 #1 #1 #1	96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00	
					985RB	B-6	#1 #1 #1 #1 #1 #1	96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00	
					985MB	B-6	#1 #1 #1 #1 #1 #1	96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00	
					985C	B-6	#1 #1 #1 #1 #1 #1	96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00	
					985RC	B-6	#1 #1 #1 #1 #1 #1	96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00	
					985MC	B-6	#1 #1 #1 #1 #1 #1	96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00 96.00 143.00 158.00	
					985	B-6	#2 #2 #2	\$121.00 \$179.00 \$200.00 121.00 179.00 200.00 121.00 179.00 200.00	
					985R	B-6	#2 #2	121.00 179.00 200.00 121.00 179.00 200.00	
					985M	B-6	#2 #2	121.00 179.00 200.00 121.00 179.00 200.00	

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* Quantity Change In Standard Package

Figure	Page	Size	List Price			Std. Pkg.	Figure	Page	Size	List Price			Std. Pkg.
			Galv Each	Pl Br Each	Pol Br Each		1024G	D-7	#1	\$ 57.00 Ea			
985B	B-6	#2	\$121.00	\$179.00	\$200.00				#2	68.00 Ea			
985RB		#2	121.00	179.00	200.00				#3	174.00 Ea			
985MB		#2	121.00	179.00	200.00		1024M	D-7	#4	220.00 Ea			
985C		#2	121.00	179.00	200.00				#1	57.00 Ea			
985RC		#2	121.00	179.00	200.00				#2	68.00 Ea			
985MC		#2	121.00	179.00	200.00				#3	174.00 Ea			
							1024F	D-7	#4	220.00 Ea			
986B	B-5	#1	\$ 91.00	\$136.00	\$151.00				#1	57.00 Ea			
986RB		#1	91.00	136.00	151.00				#2	68.00 Ea			
986MB		#1	91.00	136.00	151.00				#3	174.00 Ea			
986C		#1	91.00	136.00	151.00		1025	D-7	#4	220.00 Ea			
986RC		#1	91.00	136.00	151.00				#1	57.00 Ea			
986MC		#1	91.00	136.00	151.00				#2	68.00 Ea			
986B		#2	\$114.00	\$171.00	\$190.00		1025R	D-7	#1	57.00 Ea			
986RB		#2	114.00	171.00	190.00				#2	68.00 Ea			
986MB		#2	114.00	171.00	190.00		1025G	D-7	#1	57.00 Ea			
986C		#2	114.00	171.00	190.00				#2	68.00 Ea			
986RC		#2	114.00	171.00	190.00		1025M	D-7	#1	57.00 Ea			
986MC		#2	114.00	171.00	190.00				#2	68.00 Ea			
987	J-13	#1-2 1/4"	\$ 9.70 Pr			5 Pr	1025F	D-7	#1	57.00 Ea			
		#2-2 3/4"	10.20 Pr			5 Pr			#2	68.00 Ea			
988	J-13	#1-2 1/4"	\$ 9.90 Pr			5 Pr	1032F	D-7	#1	\$ 80.00 Ea			
		#2-2 3/4"	10.45 Pr			5 Pr			#2	95.00 Ea			
989	I-21		\$11.00 Ea			*	1032CL		#3	152.00 Ea			
990L	I-21		\$11.00 Ea			*			#1	80.00 Ea			
990R			11.00 Ea			*	1032R		#2	95.00 Ea			
991	J-19		\$69.00 C			100			#3	152.00 Ea			
992	I-21		\$12.65 Ea			*	1041	I-27	#1	\$ 1.10 Ea			50
993	I-21		17.60 Ea			*	1042	I-27		\$.85 Ea			50
994	J-19		\$48.50 C			100	1043	I-16	#0	\$ 7.45 Ea			*6
995	J-19		55.00 C			100			#1	11.00 Ea			*6
996	J-19		\$ 9.90 C			100			#2	17.35 Ea			*6
997	J-19		\$ 4.95 C			100	1045	D-6	#1	\$105.00 Ea			
998	J-17	#1-2"	\$ 5.80 Ea			10			#2	120.00 Ea			
		#2-3"	6.60 Ea			10			99A	3.00 Ea			
		99A	1.70 Ea						99B	2.75 Ea			
999	J-13		\$10.45 Pr			5 Pr	1050B	I-16	#0	\$ 1.15 Ea			*5
1015	I-29		Discontinued				1050B		#1	1.55 Ea			*5
1016	H-17		\$72.00 Ea				1050W		#0	1.15 Ea			*5
1017	I-25		Pl Br \$ 6.00 Ea	Chrome \$ 9.10 Ea		5			#1	1.55 Ea			*5
1017SP	I-25 & L-22		\$10.65 Card			1 Pc			#2	2.75 Ea			*5
			42.60 Box			4 Cds	1051	J-3		\$ 4.95 Ea			10
1020	I-13		Pl Br \$ 2.85	Chrome \$ 5.95 Ea		*5	1053	J-5		\$ 7.15 Ea			5
1024	D-7	#1	\$ 57.00 Ea				1055	H-5	#3-3/4"	\$ 53.00 Ea			
		#2	68.00 Ea						#4-7/8"	Discontinued			
		#3	174.00 Ea						#5-1"	62.00 Ea			
		#4	220.00 Ea						#6-1 1/8"	62.00 Ea			
1024R	D-7	#1	57.00 Ea						#7-1 1/4"	62.00 Ea			
		#2	68.00 Ea				1056	J-6		\$ 3.00 Ea			*10
		#3	174.00 Ea				1056SP	J-6 & L-21		\$ 3.95 Card			1 Pc
		#4	220.00 Ea							47.40 Box			12 Cds
		#1	57.00 Ea				1058	J-14	#1-2 1/4"	Pl Br \$ 1.45 Pr	Chrome \$ 2.50 Pr	*10 Pr	
		#2	68.00 Ea						#2-3"	1.95 Pr	4.95 Pr	*10 Pr	
		#3	174.00 Ea										
		#4	220.00 Ea										

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
1062	F-6		\$ 12.50 Ea	5	1098	K-3	#25D	\$11.00 Ea	
1065	J-5		\$ 4.95 Ea	*5			#25E	15.00 Ea	
1069	F-6		Discontinued				#25F	18.00 Ea	
1082	B-8	#1 #2	\$ 19.00 Ea 19.00 Ea				#25G	21.00 Ea	
1087	B-7	99A 99B 99C	\$ 31.00 Ea 16.50 Ea 4.25 Ea 7.25 Ea				#25H	26.00 Ea	
1088	H-3	#5-1" #6-1 1/8" #7-1 1/4"	\$ 30.50 Ea 35.25 Ea 42.00 Ea		1100	K-9		\$11.00 Ea	
1089	H-3	#4-7/8" #5-1" #6-1 1/8" #7-1 1/4" #8-1 3/8" #9-1 1/2"	\$ 20.75 Ea 26.75 Ea 31.00 Ea 38.75 Ea 45.00 Ea 51.00 Ea		1101	J-3		\$ 4.70 Ea	*5
1090	B-7	99A 99B 99C	\$ 34.00 Ea 16.50 Ea 4.25 Ea 7.25 Ea		1101SP	J-3 & L-20		\$ 5.50 Card 33.00 Box	1 Pc 6 Cds
1098	K-3	#11-11 1/2' #15-15' #16-15' #18-18 1/2' #19-18 1/2' #22-22' #25-25'	\$ 33.00 Pr 44.00 Pr 66.00 Pr 93.50 Pr 105.00 Pr 120.00 Pr 165.00 Pr		1102	J-3		\$ 6.90 Ea	*5
		1/2 Pair Use 60% of above prices			1102SP	J-3 & L-20		\$ 7.95 Card 47.70 Box	1 Pc 6 Cds
		#11A #11B #11C	\$ 7.50 Ea 8.50 Ea 9.50 Ea		1103	J-7		\$ 6.60 Ea	5
		#15A #15B #15C #15D	\$ 7.50 Ea 8.50 Ea 9.50 Ea 11.00 Ea		1104	K-9		\$ 5.50 Ea	
		#16B #16C #16D #16E	\$ 8.50 Ea 9.50 Ea 11.00 Ea 15.00 Ea		1104SP	K-9 & L-24		\$ 7.00 Card 42.00 Box	1 Pc 6 Cds
		#18B #18C #18D #18E #18F	\$ 8.50 Ea 9.50 Ea 11.00 Ea 15.00 Ea 18.00 Ea		1105	K-7		\$26.50	
		#19B #19C #19D #19E #19F	\$ 8.50 Ea 9.50 Ea 11.00 Ea 15.00 Ea 18.00 Ea		1105SP	K-7 & L-24		\$28.00 Card 84.00 Box	1 Pc 3 Cds
		#22B #22C #22D #22E #22F #22G	\$ 8.50 Ea 9.50 Ea 11.00 Ea 15.00 Ea 18.00 Ea 21.00 Ea		1106	J-16		\$ 1.40 Ea	10
		#25B #25C	\$ 8.50 Ea 9.50 Ea		1107	K-9		\$ 3.50 Pr	
					1108	J-10	99A	\$12.40 Ea 3.60 Ea	5
					1109	A-5, 11 & A-14		\$ 1.10 Ea	
					1110	J-16		\$ 3.85 Ea	*5
					1112	J-10	99A	\$12.00 Ea 3.60 Ea	5
					1112SP	J10 & L-19		\$13.45 Card 40.35 Box	1 Pc 3 Cds
					1113	J-10	99A	\$12.00 Ea 3.60 Ea	5
					1113SP	J-10 & L-19		\$13.45 Card 40.35 Box	1 Pc 3 Cds
					1114	K-3	#18-18 1/2' #22-22' #25-25'	\$110.00 Pr 125.00 Pr 127.00 Pr	
					1115	K-3	#22-22' #25-25'	\$193.00 Pr 193.00 Pr	
					1116	J-9	#1 #2 #3 99A	\$10.75 Ea 11.30 Ea 11.55 Ea 3.30 Ea	
					1117	J-8-9		\$ 1.40 Ea	
					1120	A-5, 8, 11		\$ 3.85 Ea	
					1121	A-8, 11		\$ 3.85 Ea	
					1122	A-8, 11		3.85 Ea	
					1134	A-8		\$12.00 Ea	

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
1135	A-8		Discontinued		1154RC	B-4	#2	\$150.00 \$206.00 \$228.00	
1136	J-8		\$ 3.85 Ea		1155	I-18		\$.20 Ea	10
1137	A-8		\$12.00 Ea		1156	A-6, 7		Sat Chr Pol Chr \$ 5.50 Ea \$ 5.50 Ea	
1138	J-8		\$ 3.85 Ea		1157	A-8, 10		\$ 8.80 Ea	
1141	B-3		\$14.85 Ea		1158	A-11		\$ 2.50 Ea	
1142	B-3		\$.55 Ea		1160	B-4		\$14.85 Ea	
1143	B-3		\$ 1.65 Ea		1161	A-3		\$12.95 Ea	
1145	C-9		\$.45 Ea	5	1162	A-6	#2-24" #3-30" #4-36"	\$16.50 Ea 18.00 Ea 19.50 Ea	
1146	A-4	99A	\$ 9.10 Ea 1.10 Ea		1164GB	B-3		\$262.00 Ea	
1146SP	A-4 & L-2		\$10.45 Card 31.35 Box	1 Pc 3 Cds	1164RB			262.00 Ea	
1147	C-9		\$.45 Ea	5	1165B	B-3		\$262.00 Ea	
1148	A-7		\$17.35 Ea		1165RB			262.00 Ea	
1149	C-9		\$.30 Ea		1165MB			262.00 Ea	
1150RB	B-4	#1	Galv Each \$118.00	PI Br Each \$169.00	1165RBL			262.00 Ea	
1150GB		#1		Pol Br Each \$187.00	1165RCL			262.00 Ea	
1150RC		#1	118.00	169.00	1166B	B-3		\$262.00 Ea	
1150GC		#1	118.00	169.00	1166RB			262.00 Ea	
1150RB		#2	150.00	206.00	1166MB			262.00 Ea	
1150GB		#2	150.00	206.00	1167B	B-3		\$262.00 Ea	
1150RC		#2	150.00	206.00	1167RBL			262.00 Ea	
1150GC		#2	150.00	206.00	1167RCL			262.00 Ea	
1151B	B-4	#1	\$118.00	\$169.00	\$187.00	1168RB	B-3	\$262.00 Ea	
1151RB		#1	118.00	169.00	187.00	1169B	B-3	\$157.00 Ea	
1151MB		#1	118.00	169.00	187.00	1169C		157.00 Ea	
1151C		#1	118.00	169.00	187.00	1170RB	B-3	\$157.00 Ea	
1151RC		#1	118.00	169.00	187.00	1170RC		157.00 Ea	
1151MC		#1	118.00	169.00	187.00	1171RB	B-3	\$157.00 Ea	
1151B		#2	150.00	206.00	228.00	1171RC		157.00 Ea	
1151RB		#2	150.00	206.00	228.00	1172RB	B-3	\$157.00 Ea	
1151MB		#2	150.00	206.00	228.00	1172GB		157.00 Ea	
1151C		#2	150.00	206.00	228.00	1172RC		157.00 Ea	
1151RC		#2	150.00	206.00	228.00	1172GC		157.00 Ea	
1151MC		#2	150.00	206.00	228.00	1173B	B-3	\$157.00 Ea	
1152B	B-4	#1	\$118.00	\$169.00	\$187.00	1173C		157.00 Ea	
1152RB		#1	118.00	169.00	187.00	1173RB		157.00 Ea	
1152MB		#1	118.00	169.00	187.00	1173RC		157.00 Ea	
1152C		#1	118.00	169.00	187.00	1173MB		157.00 Ea	
1152RC		#1	118.00	169.00	187.00	1173MC		157.00 Ea	
1152MC		#1	118.00	169.00	187.00	1174B	B-3	\$157.00 Ea	
1152B		#2	150.00	206.00	228.00	1174C		157.00 Ea	
1152RB		#2	150.00	206.00	228.00	1174RB		157.00 Ea	
1152MB		#2	150.00	206.00	228.00	1174RC		157.00 Ea	
1152C		#2	150.00	206.00	228.00	1174MB		157.00 Ea	
1152RC		#2	150.00	206.00	228.00	1174MC		157.00 Ea	
1152MC		#2	150.00	206.00	228.00	1175	I-29	\$ 3.85 Ea	*5
1153B	B-4	#1	\$118.00	\$169.00	\$187.00	1176	I-27	#1 \$.55 Ea	10
1153C		#1	118.00	169.00	187.00			#2 .55 Ea	10
1153B		#2	150.00	206.00	228.00			#4 .80 Ea	10
1153C		#2	150.00	206.00	228.00			#5 .80 Ea	10
1154RB	B-4	#1	\$118.00	\$169.00	\$187.00				
1154RC		#1	118.00	169.00	187.00				
1154RB		#2	150.00	206.00	228.00				

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
1176	I-27	#8	\$.82 Ea	10	1200	I-3	#1-2 3/8"	\$ 1.40 Ea	10
		#10	.95 Ea	10			#3-5"	Discontinued	10
		#15	1.00 Ea	10			#4-6 1/2"	Discontinued	10
		#27	2.00 Ea	10					
1177	J-5		\$ 1.95 Ea	*5	1204	I-3	#2-3 1/2"	\$ 2.10 Ea	10
1178	A-16		\$14.00 Ea				#3-5"	3.30 Ea	10
							#4-6 1/2"	4.50 Ea	10
1179	J-8	#1	\$15.70 Ea		1205	K-8		\$ 8.50 Ea	
		#2	16.00 Ea				1205SP	K-8 & L-24	
1180	J-8		\$15.95 Ea		1206	K-8			
1181	A-11		\$19.55 Ea		1209	A-7	#2-24"	\$28.25 Ea	
1182	A-11		19.55 Ea				#3-30"	30.00 Ea	
1183	A-11		\$14.60 Ea				#4-36"	31.25 Ea	
			19.55 Ea				99A	11.00 Ea	
1185	I-18		Nat \$ 2.20 Pr	10 Pr	99B	3.85 Ea			
			Chrome \$ 3.30 Pr	10 Pr					
			2.75 Pr	4.95 Pr	10 Pr				
1186	I-18		2.75 Pr	4.70 Pr	10 Pr				
1187	I-18		2.75 Pr	4.70 Pr	10 Pr				
1188	I-3	4"	\$ 3.65 Ea	10	1210	I-3	4"	\$ 4.40 Ea	*10
		6"	4.40 Ea	10			6"	5.80 Ea	*10
		8"	8.55 Ea	5			8"	9.65 Ea	*5
1188SP	I-3 & L-14	4"	\$ 8.80 Card	1 Pr	1211	A-9		\$17.25 Ea	
		6"	52.80 Box	6 Cds					
			5.95 Card	1 Pc	1212	D-3	99A	\$ 8.00 Ea	
			35.70 Box	6 Cds			99B	.85 Ea	
							1.40 Ea		
1189	C-9		\$ 8.25 Ea	10	1213	J-13	#1	\$ 4.40 Pr	5 Pr
1190	C-9		\$ 4.40 Ea	10	1214	J-13	#1	\$ 4.40 Pr	5 Pr
1190SP	C-9 & L-8		\$ 5.20 Card	1 Pc	1215	A-4		\$12.40 Ea	
			26.00 Box	5 Cds	1216	J-6		\$ 2.60 Ea	10
1191	C-9		\$ 3.30 Ea	10	1216SP	J-6 & L-21		\$ 3.45 Card	1 Pc
1192	A-11		\$ 2.20 Ea					41.40 Box	12 Cds
1193	A-10		\$34.75 Ea		1216B	J-6		\$ 2.50 Ea	10
1194	J-17		\$ 3.60 Ea	10	1218	A-4		\$11.30 Ea	
		99A	1.65 Ea		1218SP	A-4 & L-2		\$13.20 Card	1 Pc
							39.60 Box	3 Cds	
1194SP	J-17 & L-18		\$ 4.60 Card	1 Pc	1219	I-5	#2 1/2	\$20.75 Ea	
			23.00 Box	5 Cds	1220	J-7		\$ 3.85 Ea	5
1195	A-10		\$30.50 Ea		1220SP	J-7 & L-20		\$ 4.95 Card	1 Pc
							49.50 Box	10 Cds	
1196	A-10	#1	\$15.95 Ea		1222	I-15		\$ 2.00 Ea	10
		#2	17.35 Ea		1223	I-10		\$ 2.55 Pr	10 Pr
1197	A-11		\$10.75 Ea		1223SP	I-10 & L-15		\$ 4.00 Card	1 Pr
								48.00 Box	12 Cds
1198	J-17	#1-2"	\$ 3.60 Ea	10	1224	I-19	#1	\$ 2.50 Pr	10 Pr
		#2-3"	3.75 Ea	10			#2	3.65 Pr	10 Pr
		#3-3 3/4"	3.85 Ea	10					
1198SP	J-17 & L-18	#2	\$ 4.85 Card	1 Pc	1224SP	I-19 & L-11	#1	\$ 3.95 Card	1 Pr
			58.20 Box	12 Cds				47.40 Box	12 Cds
1199	J-4	#1	\$ 2.00 Ea	20	1225	I-16	#0	\$ 3.00 Ea	10
		#2	2.10 Ea	20			#1	3.85 Ea	10
		#3	2.20 Ea	20			#2	8.00 Ea	10
		#4	2.30 Ea	20					
1199SP	J-4 & L-18	#1	\$ 3.00 Card	1 Pc	1225SP	I-16 & L-13	#0	\$ 7.70 Card	1 Pr
			36.00 Box	12 Cds				46.20 Box	6 Cds

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
1225SP	I-16 & L-13	#1	\$ 9.60 Card 57.60 Box	1 Pr 6 Cds	1253SP	I-10 & L-15		Discontinued Discontinued	
1226	I-31		Nat. Chrome \$.55 Ea \$.75 Ea	50	1254	D-5		\$ 6.60 Ea	
1226SP	I-31 & L-17		\$ 2.45 Card 29.40 Box	1 Pr 12 Cds	1254SP	D-5 & L-5		\$ 8.25 Card 33.00 Box	1 Pc 4 Cds
1227	I-18	99A	Nat. Chrome \$ 2.30 Pr \$ 4.15 Pr \$.15 Ea	10 Pr 10	1255	I-30	#2-2 5/16"	\$ 2.75 Ea	10
1227SP	I-18 & L-11		Nat. Chrome \$ 3.40 Card \$ 5.20 Card 20.40 Box 31.20 Box	1 Pr 6 Cds	1256	I-30		\$.65 Ea	25
1228SP	L-10		\$11.00 Card 66.00 Box	1 Pr 6 Cds	1257	I-10		\$ 4.00 Pr	10 Prs
1229	I-15		\$ 1.75 Ea	*10	1258	A-8		Discontinued	
1231	I-15		\$ 2.30 Ea	*10	1261	I-30		\$.65 Ea	25
1231SP	I-15 & L-13		6.25 Card 37.50 Box	1 Pr 6 Cds	1262	I-18		Nat. Chrome \$ 1.95 Pr \$ 3.60 Pr	10 Pr
1232	I-12		\$ 3.40 Ea	10	1262SP	I-18 & L-11		\$ 3.25 Card \$ 4.75 Card 19.50 Box 28.50 Box	1 Pr 6 Cds
1232SP	I-12 & L-16		\$ 4.50 Card 27.00 Box	1 Pc 6 Cds	1263SP	L-10		\$10.55 Card 63.30 Box	1 Pr 6 Cds
1234	I-14		\$ 3.30 Ea	*10	1264	A-16		\$16.25 Pr 8.80 Ea 8.80 Ea	
1235	I-12		\$ 3.60 Ea	10	1264R		99R	1.65 Ea	
1235SP	I-12 & L-16		\$ 4.75 Card 28.50 Box	1 Pc 6 Cds	1264G		99G	1.65 Ea	
1236	I-25		\$ 1.40 Ea	10	1265	A-16	99A	\$10.45 Ea 3.00 Ea	
1237	I-5	#2 1/2	\$24.25 Ea		1266	D-5	99A	PI Br Chrome \$30.25 Ea \$40.50 Ea 3.60 Ea	
1238	F-6		\$ 2.60 Ea	10	1267	I-18		Nat Chrome \$ 2.10 Pr \$ 3.85 Pr	10 Pr
1239	A-21		Discontinued		1267SP	I-18 & L-10		\$ 3.30 Card \$ 5.00 Card 19.80 Box 30.00 Box	1 Pr 6 Cds
1239SP	A-21 & L-4		Discontinued Discontinued		1268SP	L-10		\$10.80 Card 64.80 Box	1 Pr 6 Cds
1242	I-31		\$.40 Ea	50	1270	H-7	#1 #2 99A	\$ 7.45 Ea Discontinued 3.75 Ea	
1243	I-30		\$ 2.10 Ea	10	1270A	H-7	#1 #2 99A	7.45 Ea Discontinued 3.75 Ea	
1245	H-7	99A	\$ 5.25 Ea 4.15 Ea	5	1270B	H-7	#1 #2 99A	7.45 Ea Discontinued 3.75 Ea	
1246	I-23		\$ 1.00 Ea	10	1270C	H-7	#1 #2 99A	7.45 Ea Discontinued 3.75 Ea	
1246SP	I-23 & L-17		\$ 3.00 Card 36.00 Box	1 Pr 12 Cds	1271	F-6		\$ 2.90 Ea	10
1248	H-6	#5, 6 #7, 8 #9 #10	\$.50 Ea .60 Ea .85 Ea .95 Ea		1275	F-8		\$ 1.20 Ea	10
1249	J-18		\$.45 Ea	50	1284	A-4		Discontinued	
1249SP	J-18 & L-22		\$ 3.55 Card 35.50 Box	6 Pc 10 Cds	1287	J-4	#1 #2 #3	\$ 2.00 Ea 2.10 Ea 2.20 Ea	20 20 20
1250	I-2	6"	\$ 3.85 Ea	5					
1252	I-2		\$ 4.40 Ea	5					
1253	I-10		Discontinued						

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
1287SP	J-4 & L-18	#2	\$ 3.00 Card 18.00 Box	1 Pc 6 Cds	1306	I-6	#1 #2	\$ 2.55 Ea 4.40 Ea	
1289	I-27		\$ 1.95 Ea	25	1306SP	I-6 & L-14	#1	\$ 6.60 Card 39.60 Box	1 Pr 6 Cds
1289SP	I-27 & L-22		\$ 2.65 Card 31.80 Box	1 Pc 12 Cds			#2	\$ 5.95 Card 35.70 Box	1 Pc 6 Cds
1290	J-8	99A	\$15.70 Pr 8.00 Ea		1307	I-8	#1 #2	\$ 3.30 Pr 6.00 Pr	
½ Pr. Specify Port or Starboard					1307SP	I-8 & L-15	#1	\$ 4.65 Card 55.80 Box	1 Pr 12 Cds
1291	J-8	99A	\$15.70 Pr 8.00 Ea				#2	\$ 7.40 Card 44.50 Box	1 Pr 6 Cds
½ Pr. Specify Port or Starboard					1308	I-8	#1 #2	\$ 3.30 Pr 6.00 Pr	
1292	A-21 J-8, 9		\$ 1.40 Ea		1308SP	I-8 & L-15	#1	\$ 4.65 Card 55.80 Box	1 Pr 12 Cds
1293	J-12	#2-1½x1½ #3-2x1½ #4-2x2 #5-2½x2 #6-2½x2½ #7-3x3	\$ 4.25 Pr	5 Pr					#2
			4.40 Pr	5 Pr					
			4.50 Pr	5 Pr					
			4.75 Pr	5 Pr					
			5.25 Pr	5 Pr					
			5.80 Pr	5 Pr					
1293SP	J-12 & L-19	#4	\$ 5.75 Card 57.50 Box	1 Pr 10 Cds	1309	I-23		\$ 1.65 Ea	10
1295	D-2		Chrome White \$ 5.60 Ea \$ 4.00 Ea		1310	A-3		\$ 9.10 Ea	
1297	I-20		\$ 2.00 Ea	*4	1310SP	A-3 & L-2		\$10.45 Card 62.70 Box	1 Pc 6 Cds
1298	I-20		2.00 Ea	*2			1311	A-6	#2-24"
1299	I-23	99A	1.80 Ea .95 Ea	*10	#3-30"	12.00 Ea			
					#4-36"	12.95 Ea			
1299SP	I-23 & L-17		\$ 4.50 Card 54.00 Box	1 Pr 12 Cds	7-1311	A-6	#2-24"	\$10.25 Ea	
1301	A-10		\$18.25 Ea		#3-30"	11.00 Ea			
1302	A-21		\$ 8.80 Ea		#4-36"	11.75 Ea			
1303	D-3	BK #1	\$ 8.95 Ea		1311SP	A-7 & L-4	#2	\$13.20 Card 66.00 Box	1 Pc 5 Cds
		BR #1	8.95 Ea				1312	F-4	
		GD #1	8.95 Ea		7-1312				
		WH #1	8.95 Ea				1312SP	F-4 & L-9	
		BK #2	\$ 8.95 Ea		1313	H-7			99A
		BR #2	8.95 Ea				1313SP	H-7 & L-9	
		GD #2	8.95 Ea		1314	K-6			
		WH #2	8.95 Ea				1314SP	K-6 & L-24	
1304	D-3	BK #1	\$15.95 Ea		1315	I-6			#1 #2
		BR #1	15.95 Ea		1316	I-6	#1 #2	\$ 3.30 Ea 4.95 Ea	
		GD #1	15.95 Ea				1317	I-8	#1 #2
		WH #1	15.95 Ea		1318	I-8			#1 #2
		BK #2	\$15.95 Ea				1320	K-6	
		BR #2	15.95 Ea		1321	K-6			
GD #2	15.95 Ea								
WH #2	15.95 Ea								
1305	I-6	#1 #2	\$ 2.55 Ea 4.40 Ea		1305SP	I-6 & L-14	#1	\$ 6.60 Card 39.60 Box	1 Pr 6 Cds
1305SP	I-6 & L-14	#1	\$ 6.60 Card 39.60 Box	1 Pr 6 Cds			#2	\$ 5.95 Card 35.70 Box	1 Pc 6 Cds

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.

* Quantity Change In Standard Package

Figure	Page	Size	List Price	Std. Pkg.	Figure	Page	Size	List Price	Std. Pkg.
1322	D-3		\$ 1.95 Ea		1406	I-7	#1 #2	\$ 2.90 Ea 5.00 Ea	
1323	D-3		\$ 1.15 Ea		7-1406	I-7	#1 #2	\$ 2.65 Ea 4.00 Ea	
1325	I-16	#0	\$ 3.00 Ea	10	1407	I-9	#1 #2	\$ 3.85 Pr 7.00 Pr	
7-1325	I-16	#1 #0 #1	3.85 Ea 2.75 Ea 3.50 Ea	10 10 10	7-1407	I-9	#1 #2	\$ 3.50 Pr 6.35 Pr	
1325SP	I-16 & L-13	#0	\$ 7.70 Card 46.25 Box	1 Pr 6 Cds	1408	I-9	#1 #2	\$ 3.85 Pr 7.00 Pr	
		#1	9.60 Card 57.60 Box	1 Pr 6 Cds	7-1408	I-9	#1 #2	\$ 3.50 Pr 6.35 Pr	
1330	A-6	#2-24" #3-30" #4-36" 99A	\$19.00 Ea 19.80 Ea 20.75 Ea 6.60 Ea		1410	A-3		\$10.45 Ea	
7-1330	A-6	#2-24" #3-30" #4-36" 99A	\$17.25 Ea 18.00 Ea 18.75 Ea 6.00 Ea		7-1410	A-3		\$ 9.50 Ea	
1330SP	A-7 & L-4	#2	\$ 21.00 Card 105.00 Box	1 Pc 5 Cds	1415	I-7	#1 #2	\$ 3.85 Ea 5.80 Ea	
1331	A-16		\$ 9.10 Ea		7-1415	I-7	#1 #2	\$ 3.50 Ea 5.25 Ea	
1332	A-17		\$ 9.10 Ea		1416	I-7	#1 #2	\$ 3.85 Ea 5.80 Ea	
1336	I-15		\$ 3.00 Ea		7-1416	I-7	#1 #2	\$ 3.50 Ea 5.25 Ea	
1336SP	I-15 & L-13		\$ 7.80 Card 46.80 Box	1 Pr 6 Cds	1417	I-9	#1 #2	\$ 5.50 Pr 8.00 Pr	
1337	I-20		\$ 1.65 Ea		7-1417	I-9	#1 #2	\$ 5.00 Pr 7.25 Pr	
1338	I-20		\$ 1.65 Ea		1418	I-9	#1 #2	\$ 5.50 Pr 8.00 Pr	
1339	I-20		\$ 6.95 Lgth	5 Lgths	7-1418	I-9	#1 #2	\$ 5.00 Pr 7.25 Pr	
1346	I-15		\$ 3.85 Ea		6400	H-4	#4 #10 #12 #16 #20 #28 #36 #44 #52 #56 #64	\$.65 Ea .80 Ea .80 Ea .80 Ea .85 Ea .85 Ea .90 Ea .90 Ea .95 Ea .95 Ea 1.00 Ea	10 10 10 10 10 10 10 10 10 10 10
1347	I-20		\$ 1.95 Ea						
1348	I-20		\$ 1.95 Ea						
1350	D-3	#1 #2	\$ 8.95 Ea 8.95 Ea						
1360	D-3	#1 #2	Discontinued Discontinued						
1405	I-7	#1 #2	\$ 2.90 Ea 5.00 Ea						
7-1405	I-7	#1 #2	\$ 2.65 Ea 4.60 Ea						

Where Standard Packaging Not Indicated, Packaged Quantity Is One Unit.
* Quantity Change In Standard Package

SIZE NUMBERS FOR SHAFT AND PIPE STANDARDIZED AS FOLLOWS

SHAFT SIZES, INCHES

No.	Size	No.	Size
1	1/2	7	1-1/4
2	5/8	8	1-3/8
3	3/4	9	1-1/2
4	7/8	10	1-3/4
5	1	11	2
6	1-1/8	12	2-1/4

PIPE SIZES, INCHES

No.	Size	No.	Size	No.	Size
1	1/8	6	1	11	3
2	1/4	7	1-1/4	12	4
3	3/8	8	1-1/2	13	5
4	1/2	9	2	14	6
5	3/4	10	2-1/2	15	8

NEW PRODUCTS

PLASTIC THRU-HULL CONNECTIONS—Fig. 301

Durable Plastic — For use with hose

No.	For Hose Inches	List Price Each	Diam Flange Inches	Weight Ounces	Std. Pkg.
4	1/2	\$2.05	1-1/2	1	10
4A	5/8	2.05	1-1/2	1	10
5	3/4	2.50	1-7/8	1-3/4	10
6	1	3.65	2-1/4	2-1/4	5
8	1-1/2	4.50	3	5-1/4	5



Fig. 301

MAGNETIC DOOR CATCH—Fig. 560

For cupboard and locker doors — special corrosion resistant finish prevents rusting.

Each	Catch Size Inches	Weight Ounces	Std. Pkg.
\$.85	1-7/8 x 1/2	1/2	25

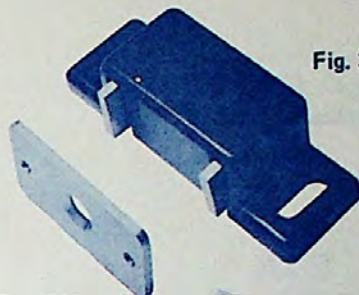


Fig. 560

SEARCHLIGHT SUPPORTS—Fig. 849

Stainless steel pipe - Chromium Plated Bronze Castings
Adjustable for deck or bulkhead mounting.

For use with Figs. 883, 884 and 885 to give additional support and stability for installations requiring extra pedestal height.

No.	Each	"A" Dimensions Inches	Weight Pounds
1	\$115.00	28-1/2	7-1/2
2	122.00	40	8-1/2
3	125.00	43	8-3/4
4	130.00	51	9-1/4
5	145.00	75	12-1/4

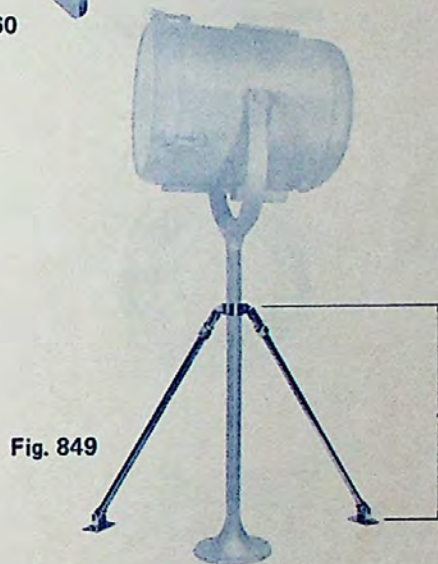


Fig. 849

BUTT HINGES—Fig. 949

Heavy Gauge Wrought Brass — Stainless Steel Fast Pin

No.	Plain Bronze Per Pair	Chromium Plated Per Pair	Size Open Inches	For Screw No.	Std. Pkg.	Weight Per Pair
1	\$ 5.00	\$ 6.75	1-1/2 x 1-1/4	8	5 Pr	1-3/4 oz
2	5.25	6.80	1-1/2 x 1-1/2	8	5 Pr	2 oz
3	5.75	8.00	2 x 1-1/2	8	5 Pr	2-1/2 oz
4	6.75	8.80	2 x 2	8	5 Pr	3-1/2 oz
5	7.50	9.60	2-1/2 x 2	8	1 Pr	4-1/2 oz
6	8.50	11.00	2-1/2 x 2-1/2	8	1 Pr	5 oz
7	11.00	13.50	3 x 3	10	1 Pr	10 oz

Fig. 949

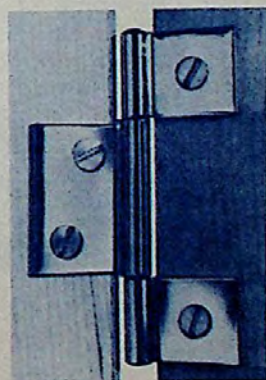
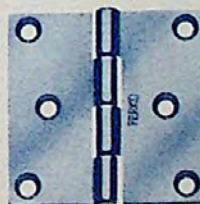


Fig. 957

NON-MORTISED HINGE—Fig. 957

Heavy Gauge Wrought Brass — Fast Pin — Chromium Plated
Reversible, does not require mortising. Reduces installation cost.

Per Pair	Pin Length Inches	Width Closed Inches	For Screw No.	Std. Pkg.	Weight Per Pair
\$5.00	3-3/8	7/8	8	5 Pr	4 oz

CLAMP ON ROD HOLDER—Fig. 1118

Same specifications as Fig. 1105 except clamps to rail.
Eliminates drilling rail — simplifies removal or relocation.

Each	Weight
\$27.50	1-1/4 pounds

Fig. 1118



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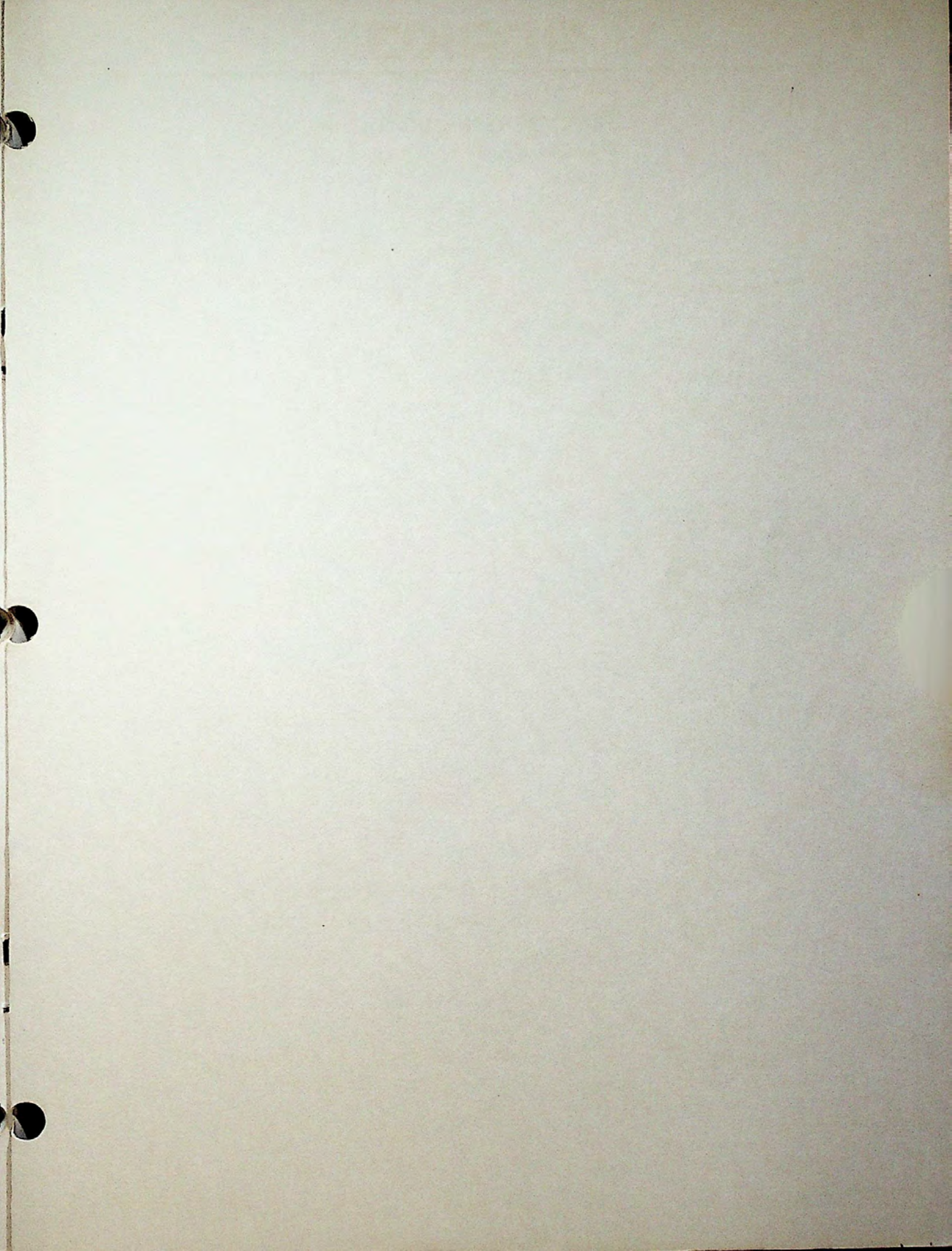
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