



"The Reels of Champions"

CATALOG No. 22

**INSTRUCTION MANUAL
REPAIR PARTS LIST**

GUARANTEE

Your Penn Reel is a fine mechanism, precision built of the best materials and expertly assembled by skilled craftsmen, to give many years of dependable performance, if given reasonable care and treatment.

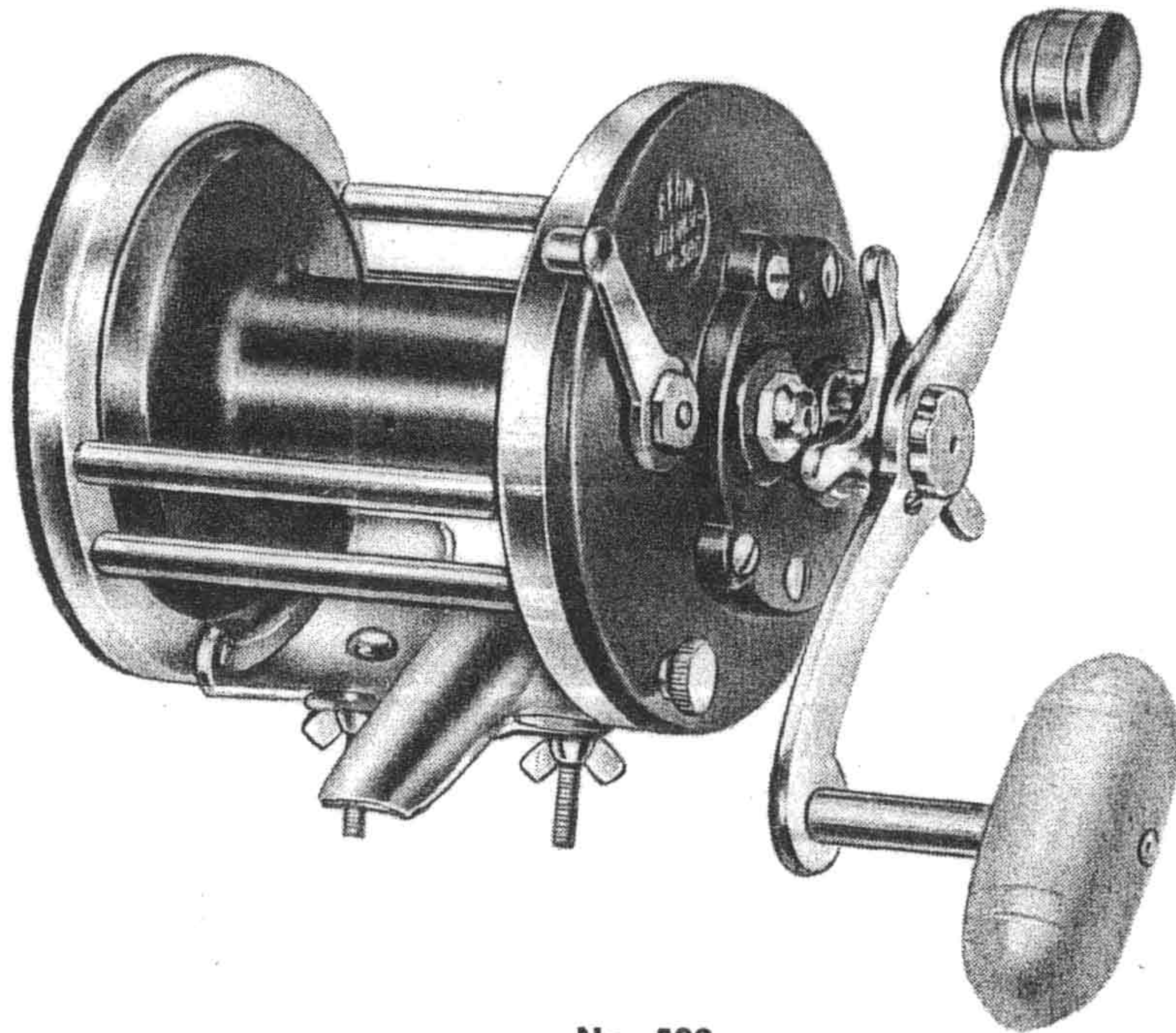
It is unconditionally guaranteed against faulty materials and workmanship.

PENN FISHING TACKLE MFG. CO.

PHILADELPHIA 32, PA.

JIGMASTER No. 500

FOR FASTER RETRIEVE AND LIVELIER LURE ACTION...



No. 500

Game fish go for live-action lures, and if you're "Squidding" in the Atlantic, or "Jigging" in the Pacific, you'll enjoy the extra strikes and catches resulting from the extra speed and action of the JIGMASTER reel.

The combination of a newly-designed, high-gear arrangement and large arbor, makes this the world's fastest casting and retrieving reel.

Precision-fitted spools, in the JIGMASTER, make this reel suitable for either monofilament or other lines.

For quick spool change, the JIGMASTER is made with One-Screw Take-Apart. Two light-weight spools are furnished, each with "Easy-Thumb" flanges, for sure-cast control. Star drag, Torpedo handle, Rod clamps, one-shot oiler lubrication are features of the #500.

Gear Ratio 4 to 1

Large-Diameter Arbor

Easy-Thumb Spool Flanges

Cap. 200 yd. No. 9 Linen
230 yd. 36 lb. Nylon
300 yd. 20 lb. Monofilament

No. 500 Two plastic spools, Plate Dia. 3",
Spool Width $2\frac{1}{16}$ "
List Price **\$17.50**

NOTE: Metal spools for the JIGMASTER are available at \$2.40 each.

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CAUTION

Nylon, monofilament and dacron, when wound upon a reel spool under tension, build up terrific pressure. This may damage your reel. We suggest that you observe the following precautions:

1. Place a backing of about 25-50 yards of linen line onto spool hub before putting on synthetic line, to absorb some of the pressure.
2. Wind line onto spool in criss-cross fashion, (not one turn tightly against the next) and toward the end of the retrieve, pyramid line in center of reel spool, thereby keeping pressure away from spool flanges.

3. Retrieve line when it is not under greatest tension. When you pump a fish, reel in line at the end of the down stroke.
4. At the end of the day's fishing, remove line from reel to release pressure and rewind line without tension.

Observance of these precautions will assure you trouble-free fishing. Because of the pressure developed by these kinds of lines, we cannot guarantee spools against breakage.

Penn Fishing Tackle Mfg. Co.
Philadelphia 32, Pa.

For Strength and Stamina...

**PENN'S NEW
NARROW SPOOL REEL**

No. 349

**MASTER
MARINER**

4 MODELS

***an extra rugged reel
... with features never before
incorporated in a single reel***

1. One-piece cast metal spool
2. Oversize brake lining drag
3. Six point support reel stand
4. Harness lugs
5. CHOICE of gear ratio—High or Standard
6. Choice of convertible star drag
7. Improved gear bridge—stronger gears
8. Double leverage handle on high gear ratio model

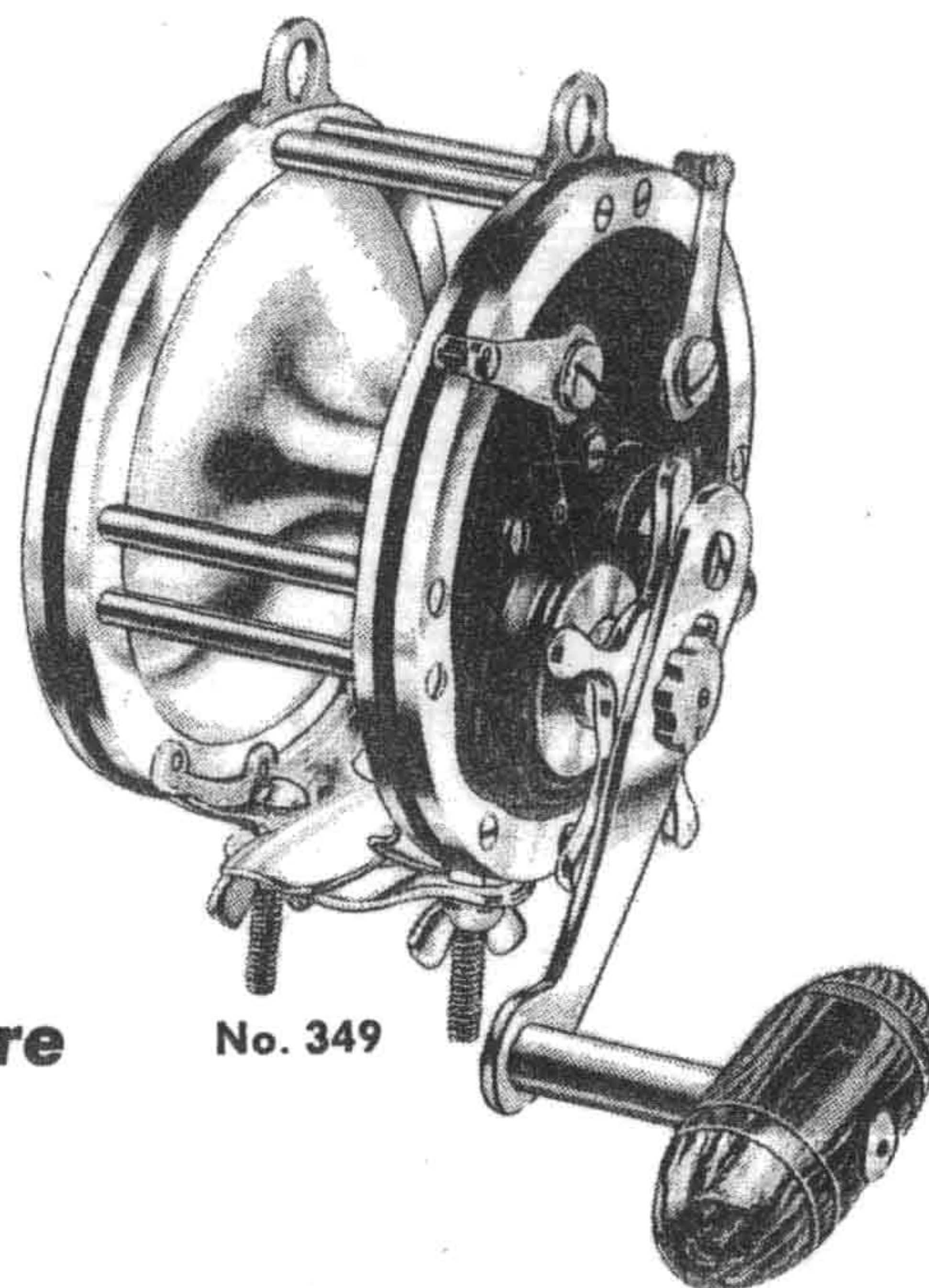
LINE CAPACITY

400 YARDS 27 lb. Linen — 36 lb. Dacron

Will handle wire, lead core, mono, linen and nylon

4 MODELS

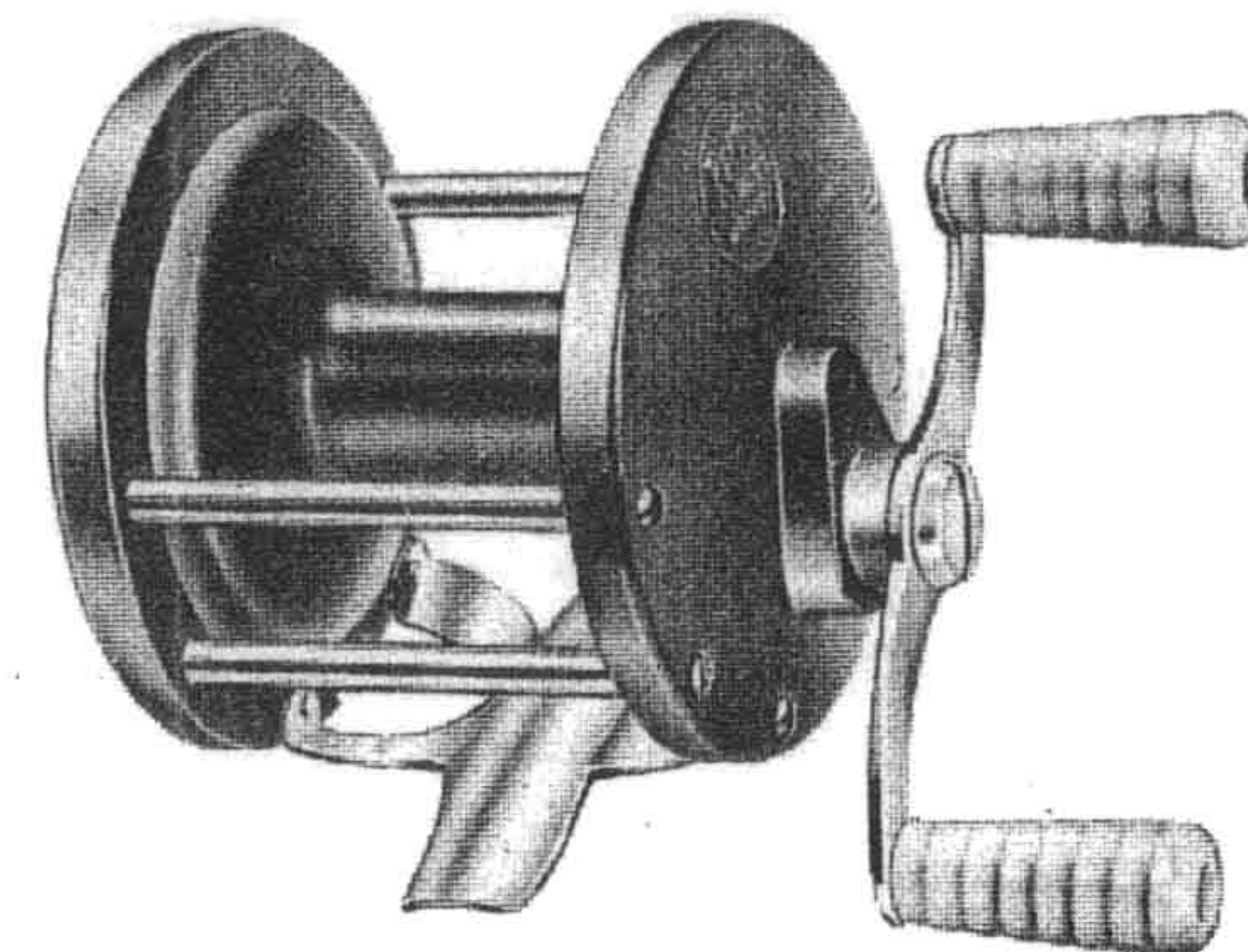
No. 349 gear ratio $2\frac{1}{3}$ to 1. Wt. 37 oz.	\$28.00
No. 349C as 349 but with convertible star drag	29.00
No. 349H gear ratio $3\frac{1}{4}$ to 1. Wt. 37 oz.	28.00
No. 349HC as 349H but with convertible star drag	29.00



No. 349

New!

**PENN
SEA HAWK
No. 77**



**Economy-Priced
Universal Reel**

for

Bay and Lake Fishing

An ideal reel for beginners, children and as a spare reel for your guests. All exposed metal parts are made of corrosion-resistant brass, nickel plated. Can be used either right or left-handed.

Plate Diameter $2\frac{1}{16}$ ", Spool Diam. $2\frac{1}{8}$ ", Gear Ratio 2.85 to 1, Capacity 190 yds. #6 Linen line.

	List Price
No. 77 Sea Hawk—Wt. $6\frac{1}{2}$ oz.	\$3.00

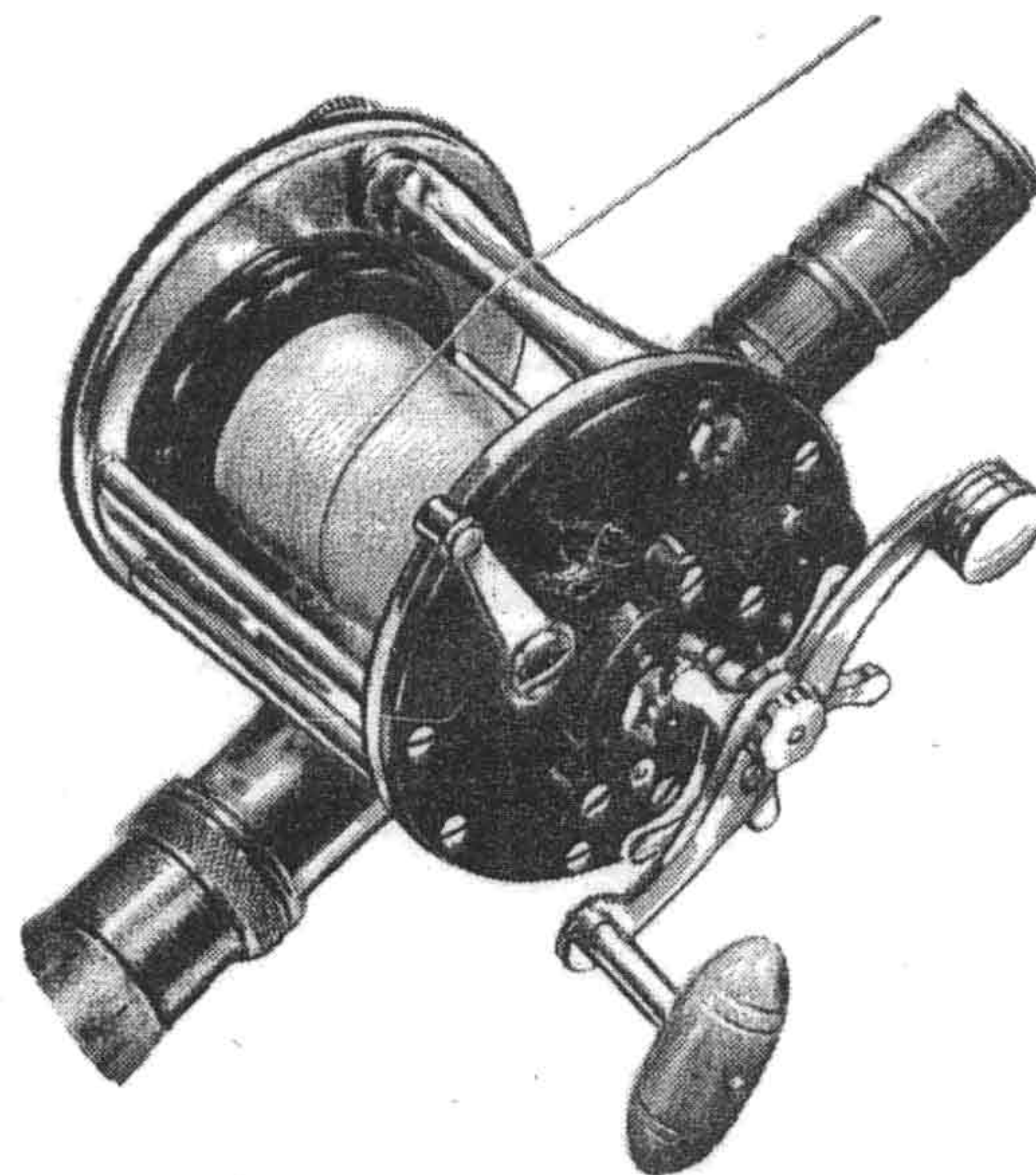
A LEVEL-WIND REEL with a BRAIN!

HOW THE AUTOMATIC LEVELINE WORKS

The line coming into the Leveline reel follows the low point on the spiral bar, over which it travels. As the gear driven spiral bar revolves, the low point travels from side to side. With each complete turn of the spiral bar, the line is carried across the spool and back to its starting point, producing the level winding.

In casting, the reel is in free spool with the spiral bar disengaged. Therefore it does not interfere with the cast.

Slight line tension is necessary for the line to remain at the low point on the spiral bar. Also, the rod guide nearest the reel should be at least 30 inches above it, to allow sufficient room for the line to swing freely with the movement of the spiral bar.



No. 350

- **GEAR RATIO 3 to 1**
- **STAR DRAG**
- **HEAVILY CHROMIUM PLATED**

the NEW Penn **"LEVELINE"**

AUTOMATIC LEVEL-WIND

for Surf, Boat or Fresh Water Trolling

Here's an entirely new patented principle of level - winding. The Spiral Bar or "BRAIN" works only on the retrieve.

GREAT FOR DAY — TERRIFIC FOR NIGHT FISHING!

Now the fisherman can forget the line and concentrate on his fishing. No more worry about line bunching up on reel spool—because **THE LINE IS LAID LEVEL EVERY TIME** it is reeled in.

Enjoy longer, smoother casts and carefree retrieve!

No. 350	Reinforced Plastic Spool,	List Price
	Cap. 200 yds. #9, 225 yds. 36 lb. Dacron	
	Wt. 19 oz.	\$20.00
No. 350M	with Chromed Brass Metal Spool,	
	Cap. 250 yds. #9, 250 yds. 36 lb. Dacron	
	Wt. 20 oz.	20.95
Not available in left hand models		

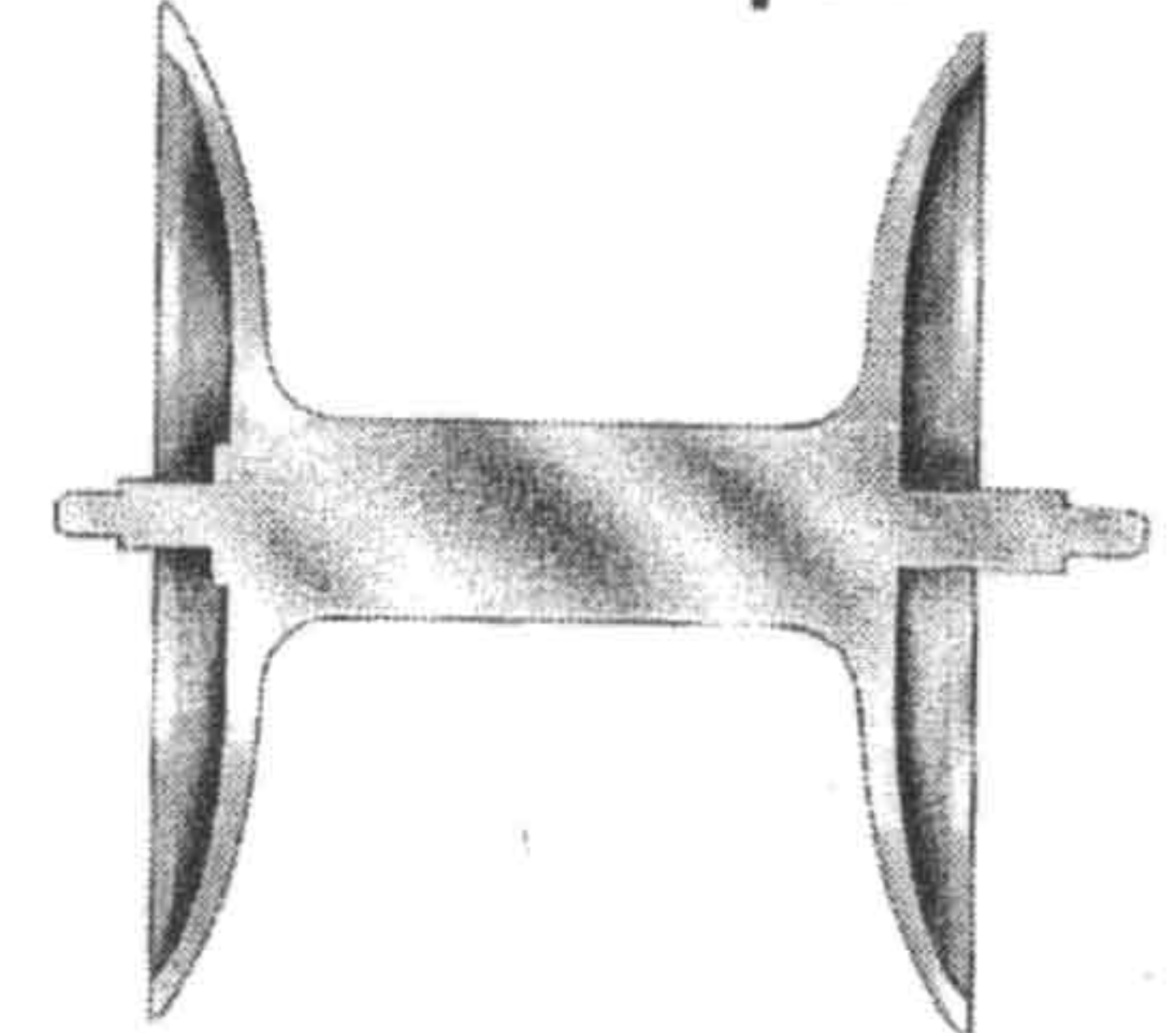
PENN SENATOR REELS

Both experienced sport fishermen and professional charter boat captains select Penn Senators for complete satisfaction. One-piece cast bronze spools, a special feature of Senator Reels, are now standard equipment in sizes from 4/0 to 16/0.

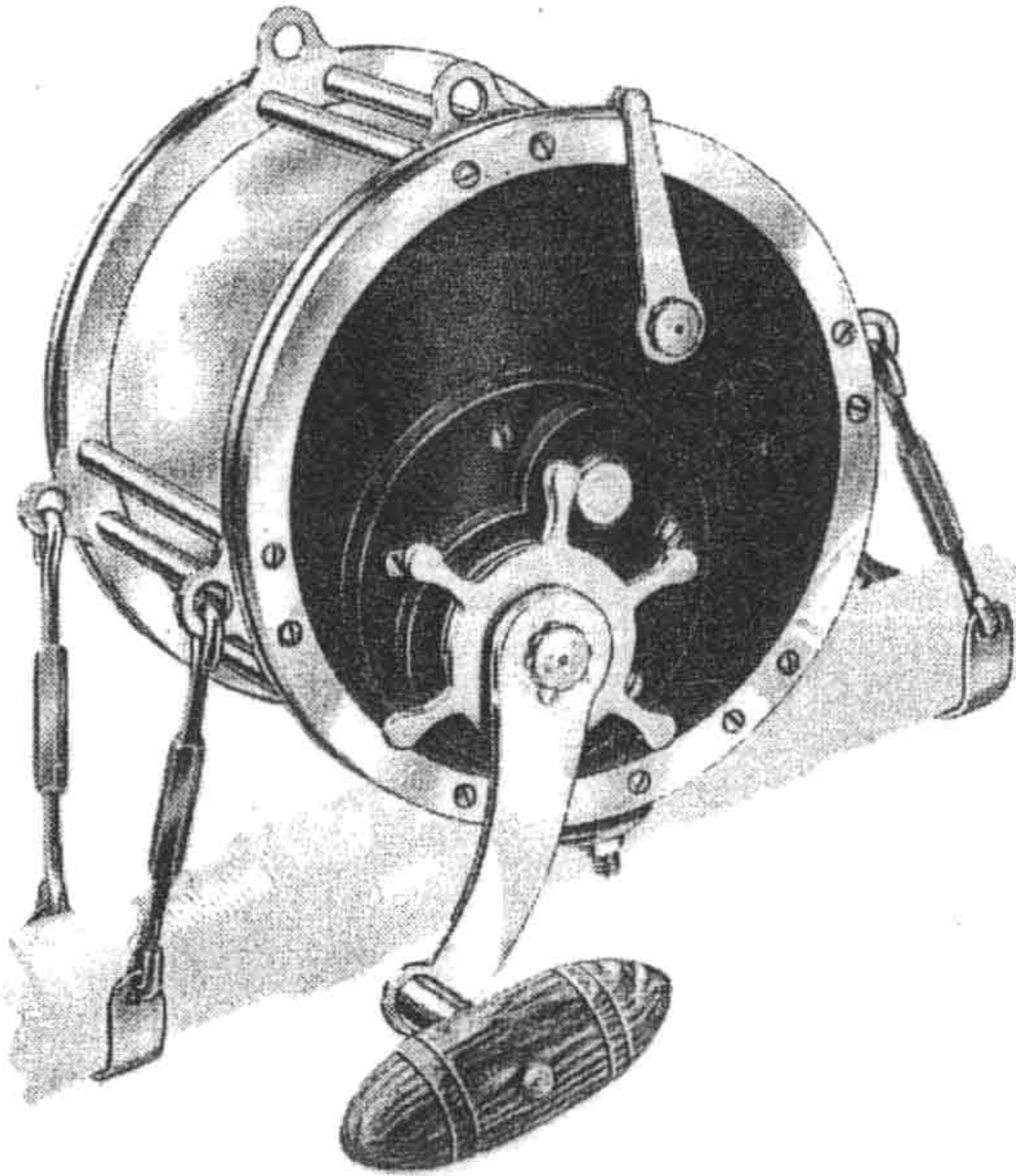
Velvet smooth, but powerful star drag systems, help fight fish and protect tackle. Tough brake lining is used in the star drags of Senators 4/0 to 16/0, inclusive, for extra heavy service.

Penn Senator reels have hard steel driving gears and stainless steel pinion gears. Models from 4/0 to 16/0, inclusive, have harness lugs. Forward rod braces are supplied with models 9/0 to 16/0, inclusive. The 14/0 and 16/0 models have double braces for extra rigidity. Spools of 10/0 to 16/0, inclusive, run in aircraft-quality ball bearings, for smooth action. All Senator models have comfortable torpedo handles, hand polished chromium plated external metal parts, and one-shot lubrication systems.

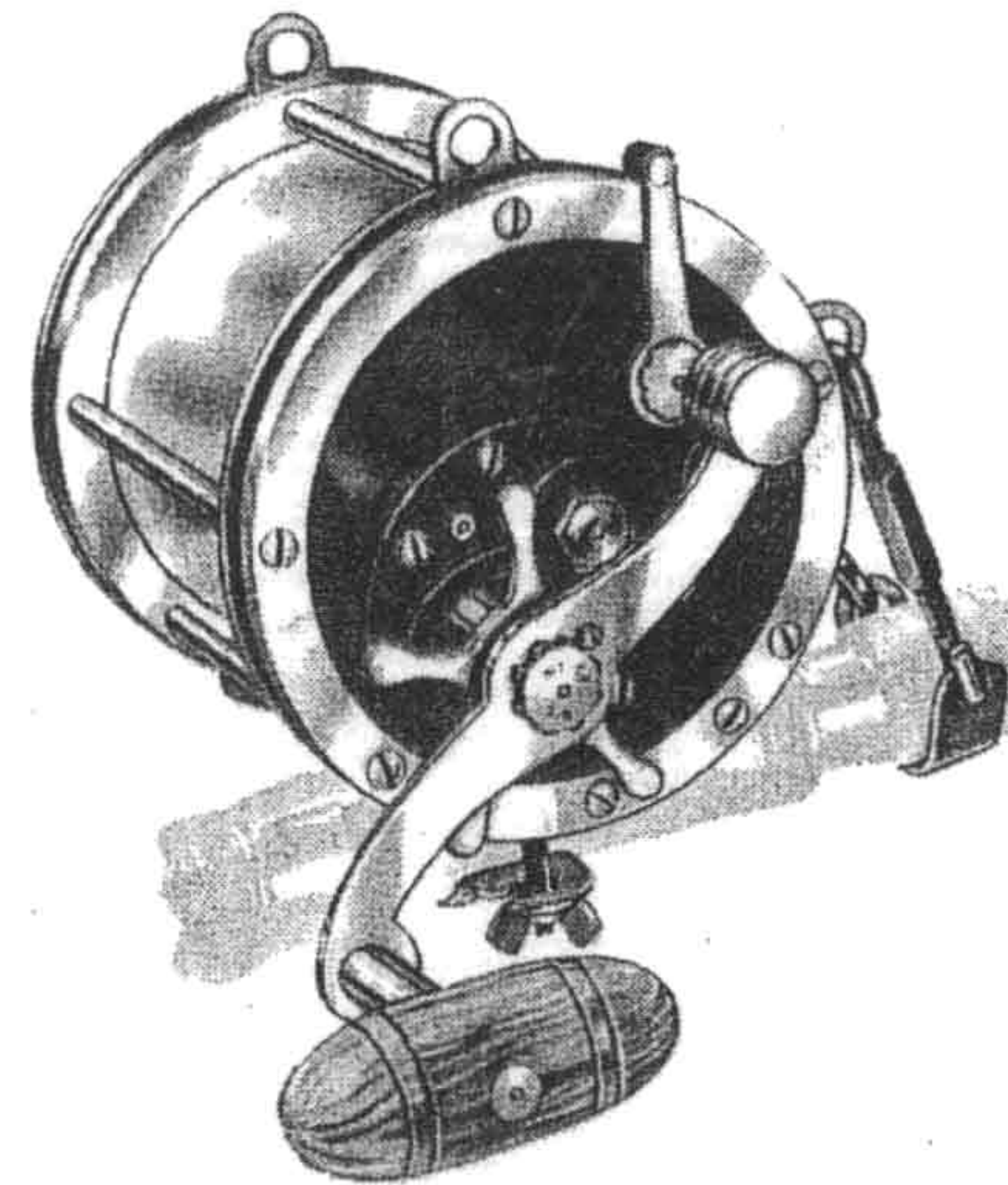
NEW! Solid One-Piece Cast Metal Spool



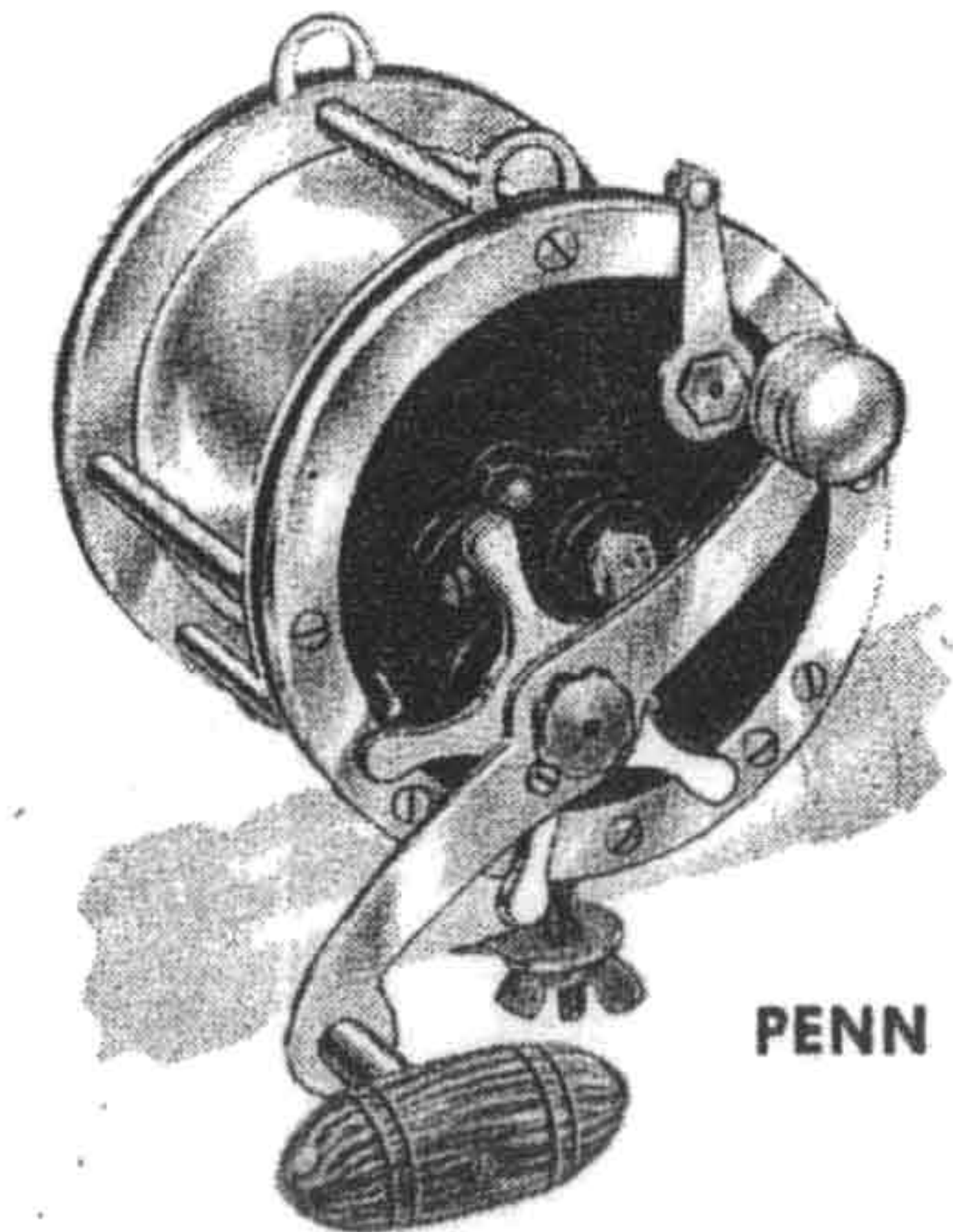
Penn Senator models from 4/0 to 16/0, now feature one-piece cast spools as standard equipment. These superior strength spools are made from one-piece bronze castings, precision machined and heavily chromium plated, to provide corrosion protection and a satin smooth finish. Many large tuna and billfish have been taken on these spools without spool distortion or breakage resulting.



PENN SENATOR 14/0



PENN SENATOR 9/0



PENN SENATOR 4/0

FOR BIG GAME FISHING

PRICES AND SPECIFICATIONS

No. of Reel	Size of Reel	Style of Trolling	Gear Ratio	Plate Diam.	Spool Width	Weight of Reel	List Price
No. 113	4/0	Light	2:1	3 ⁵ / ₈ "	2-7/16"	30 oz.	\$27.50
No. 114	6/0	Light	2.1:1	4 ¹ / ₈ "	2 ³ / ₄ "	48 oz.	37.95
No. 115	9/0	Medium	2.5:1	4 ⁵ / ₈ "	3 ¹ / ₄ "	64 oz.	49.00
No. 116A.	10/0	Med. Heavy	2:1	5 ³ / ₄ "	3 ¹ / ₄ "	100 oz.	75.00
No. 116	12/0	Heavy	2:1	5 ³ / ₄ "	4"	110 oz.	85.00
No. 117	14/0	Ex. Heavy	1.6:1	7"	4"	162 oz.	125.00
No. 118	16/0	Ex. Heavy	1.6:1	7"	5"	174 oz.	150.00

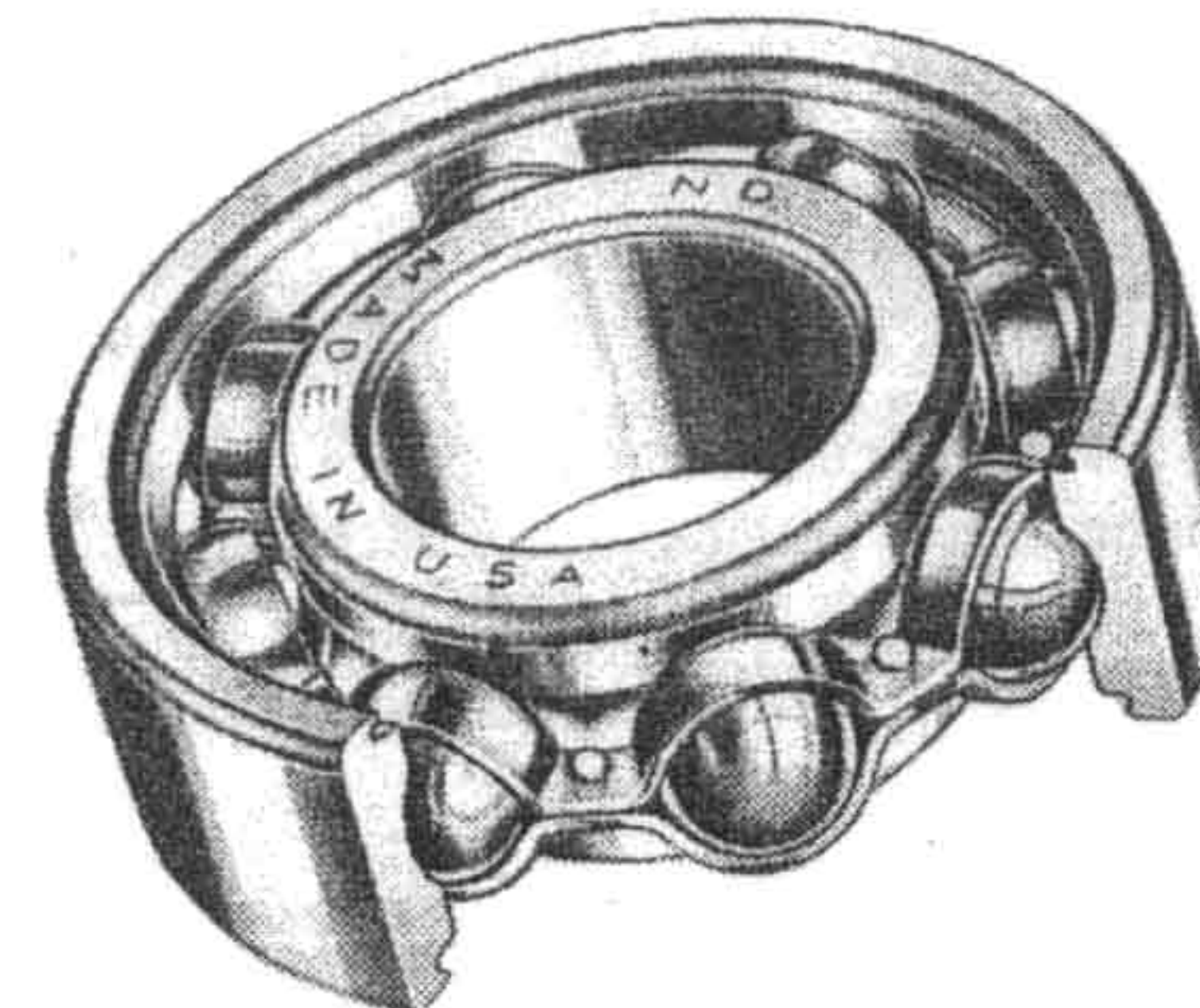
Left Hand Models extra \$3.00 for 113, 114, 115

Left Hand Models extra \$5.00 for 116A, 116, 117, 118

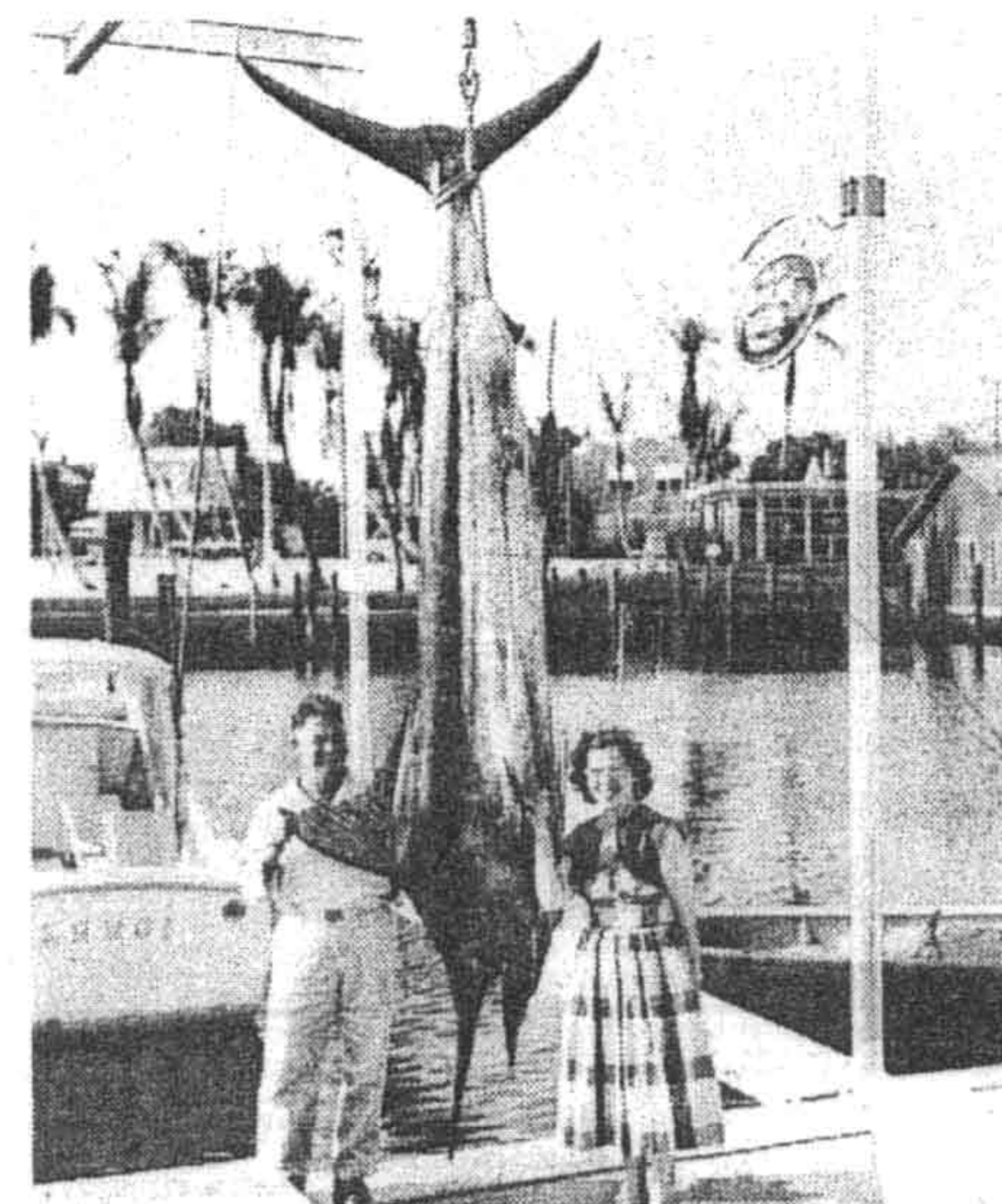
LINE CAPACITY IN YARDS (Approximate)

Lbs. Test		18-20	25-30	36-40	45-50	54	63	72-80	96-108	117-130
4/0	Linen	650	500	400	300+					
	Dacron	800	650	500	400					
	Nylon		600	500	400					
6/0	Linen		700	600	500	400		250		
	Dacron		800	700	650			350		
	Nylon		800		600	550	500	300+		
9/0	Linen		1100		700	600		400		
	Dacron		1200		800			450		
	Nylon				840			450		
10/0	Linen				1050	900	700	600	400	350
	Dacron				1100			700	600	400
	Nylon							750	550	400
12/0	Linen							700	550	450
	Dacron							900		450
	Nylon							900	700	
14/0	Linen							1200	800	700
	Dacron							1300		725
	Nylon									
16/0	Linen								900	800
	Dacron									800
	Nylon									

Load your reel hard when using linen.
Use less tension when using nylon.



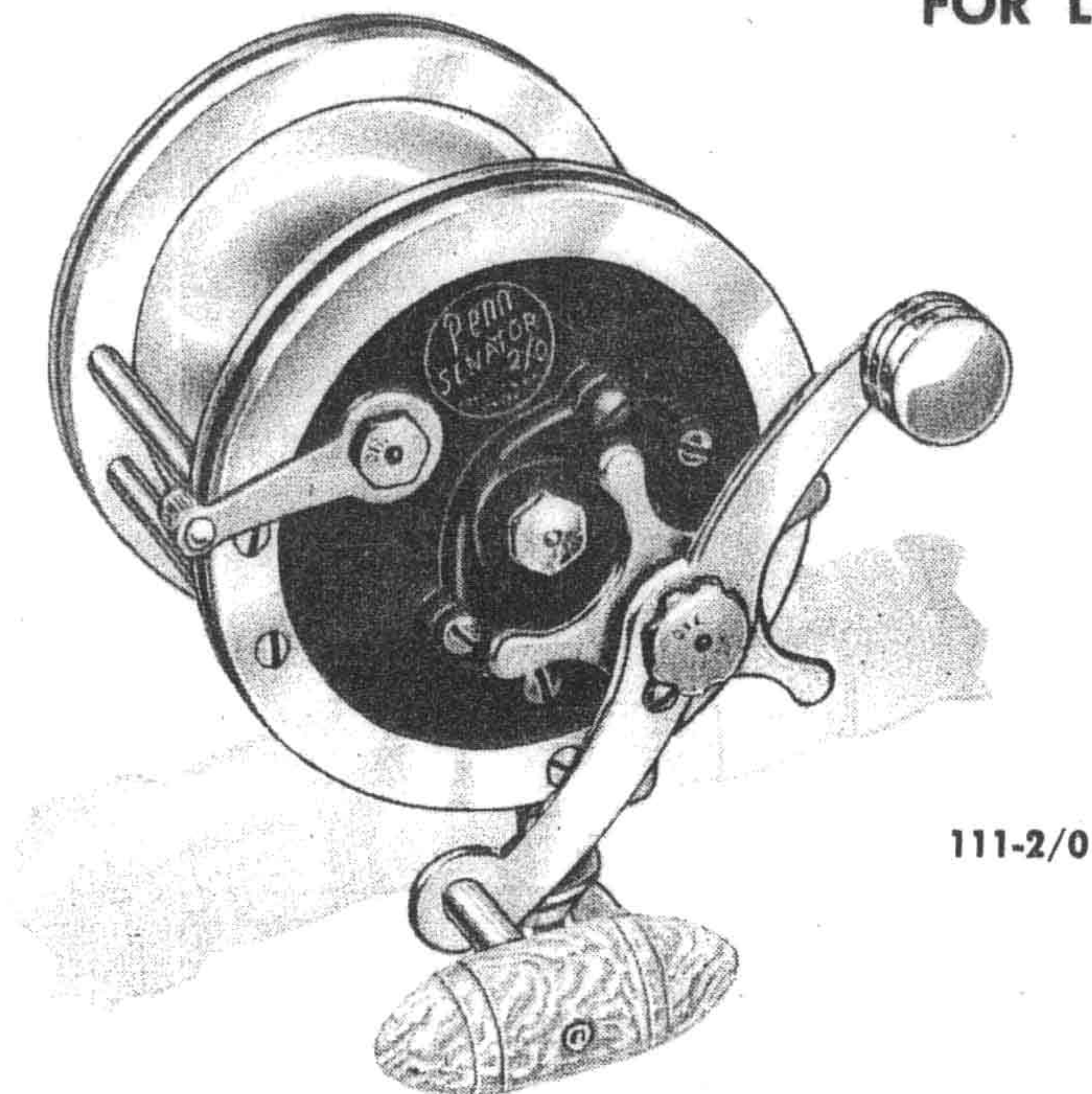
AIRCRAFT-QUALITY BALL-BEARINGS
Help produce smooth performance in
Senator Models 10/0 to 16/0 inclusive



Captain and Mrs. Ronnie Hill with a 12'6" Blue Marlin caught by Mr. Wm. Brooks, of Baltimore, from their charter boat TAMMOI, out of Stewart, Fla., on a 6/0 PENN SENATOR REEL.

PENN SENATOR REELS

FOR LIGHT-TACKLE TROLLING



111-2/0

PRICES AND SPECIFICATIONS

No. and Size of reel	Plate Diam.	Spool Width	Gear Ratio	Weight of Reel	List Price
No. 110-1/0	3 $\frac{1}{16}$ "	1 $\frac{5}{8}$ "	3 to 1	18 oz.	\$17.00
No. 111-2/0	3 $\frac{1}{4}$ "	1 $\frac{13}{16}$ "	2 $\frac{1}{4}$ to 1	22 oz.	19.50
No. 112-3/0	3 $\frac{1}{4}$ "	2 $\frac{7}{16}$ "	2 $\frac{1}{4}$ to 1	26 oz.	22.50
Left hand models extra \$1.50					

These Senator reels are available for 4-6, 5-9, and 6-12 light-tackle fishing. All models are equipped with our patented free spool clutch. Penn's famous, smooth acting star drag gives a wide range of drag control and safeguards against breaking of light lines. Hard steel gears withstand years of severe usage. All models have double metal bound end plates and attached rod clamps, to assure safety of the reel under all conditions. The frames of all Penn Senator reels are polished and heavily chromium plated. Our patented one-shot lubrication system, combined with built-in oil reservoirs, safeguard perfect performance and assures smooth action of all moving parts.

LINE CAPACITY IN YARDS (Approximate)

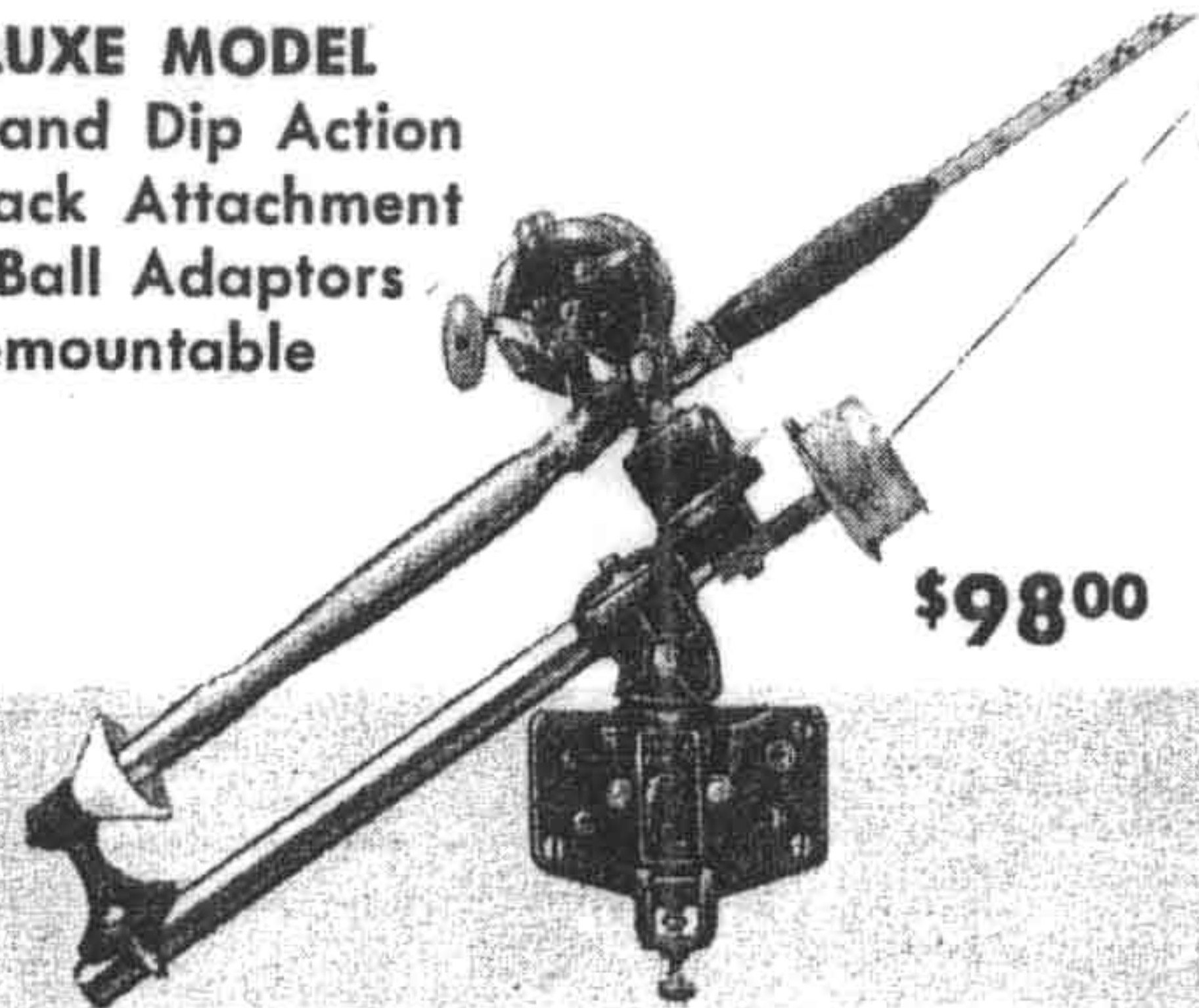
	Lbs. Test	10-12	18-20	25-30	36-40	45-50
1/0	Linen	500	325	225	175	125
	Dacron	600+	400	325	250	175
	Nylon	400	300	275	200	150
2/0	Linen	600	400	300	225	175
	Dacron	700	500	400	350	225
	Nylon		400	350	300	200
3/0	Linen	700	600	400	300	250
	Dacron	800	750	600	450	350
	Nylon		700	600	400	300

Kwik-Play Rod Holder

YOUR SILENT FISHING PARTNER

DE-LUXE MODEL

Swing and Dip Action
Drop-Back Attachment
Two Ball Adaptors
Demountable



\$98⁰⁰

MODEL A

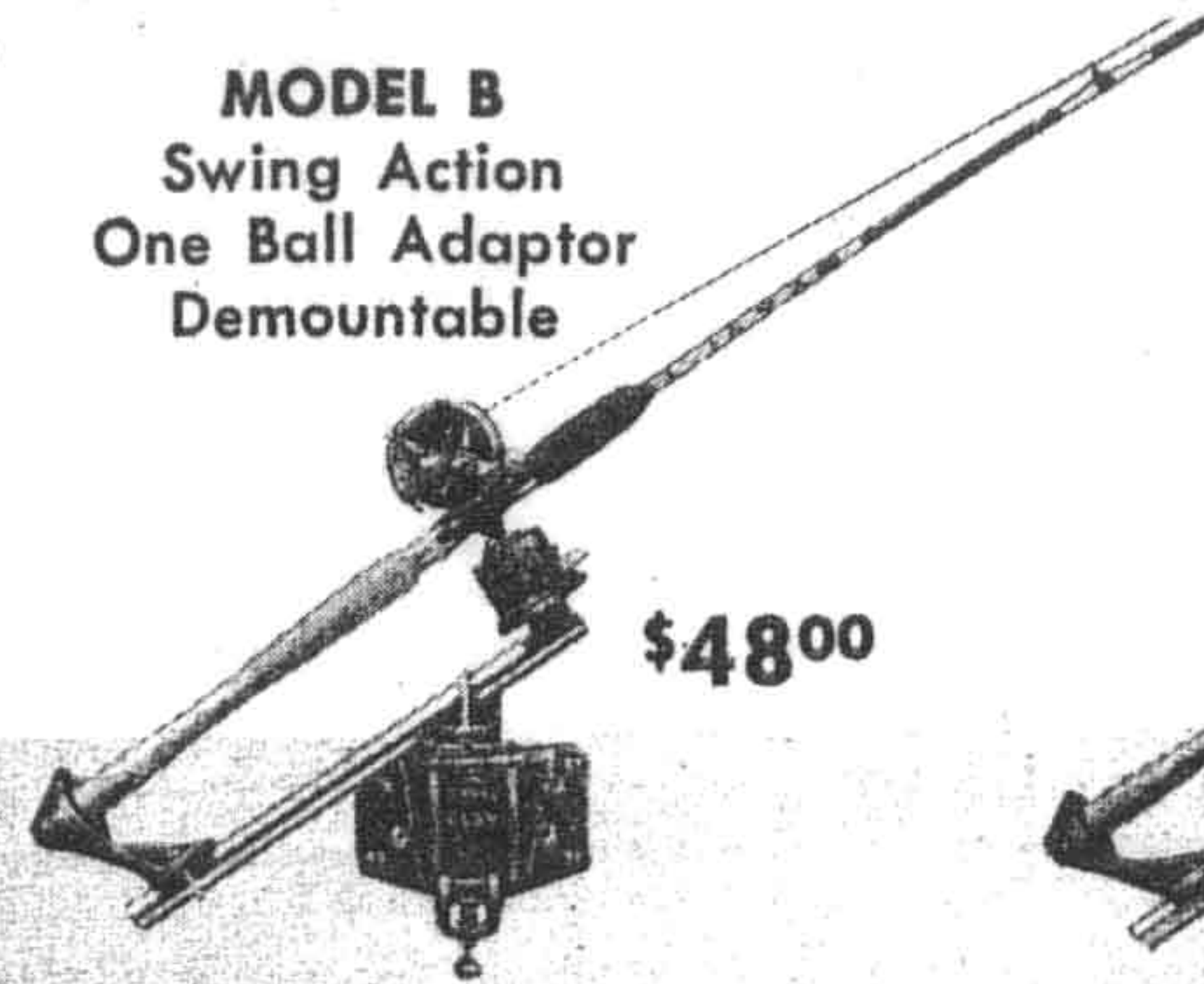
Swing and Dip Action
One Ball Adaptor
Demountable



\$69⁰⁰

MODEL B

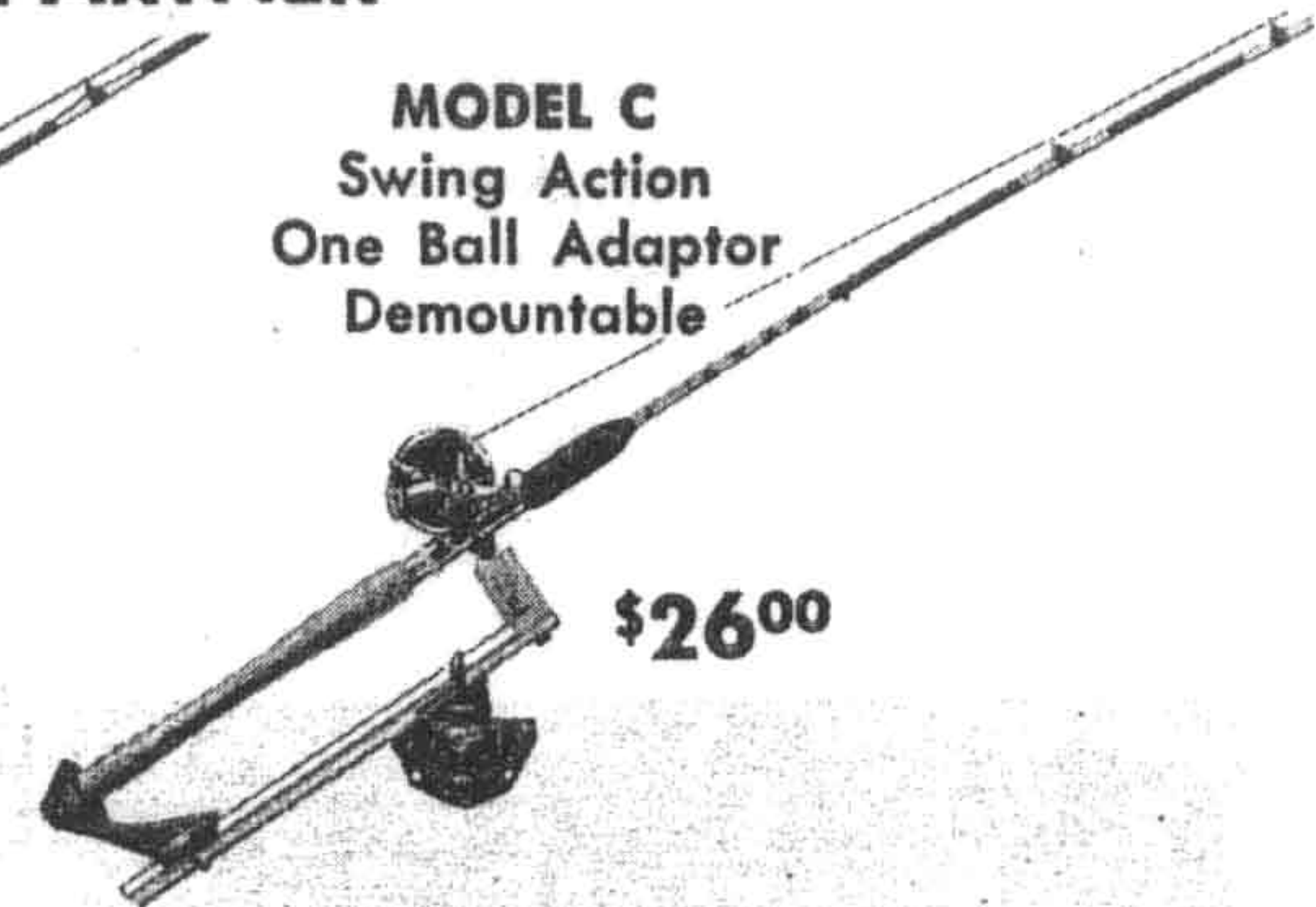
Swing Action
One Ball Adaptor
Demountable



\$48⁰⁰

MODEL C

Swing Action
One Ball Adaptor
Demountable



\$26⁰⁰

WHAT IT IS:

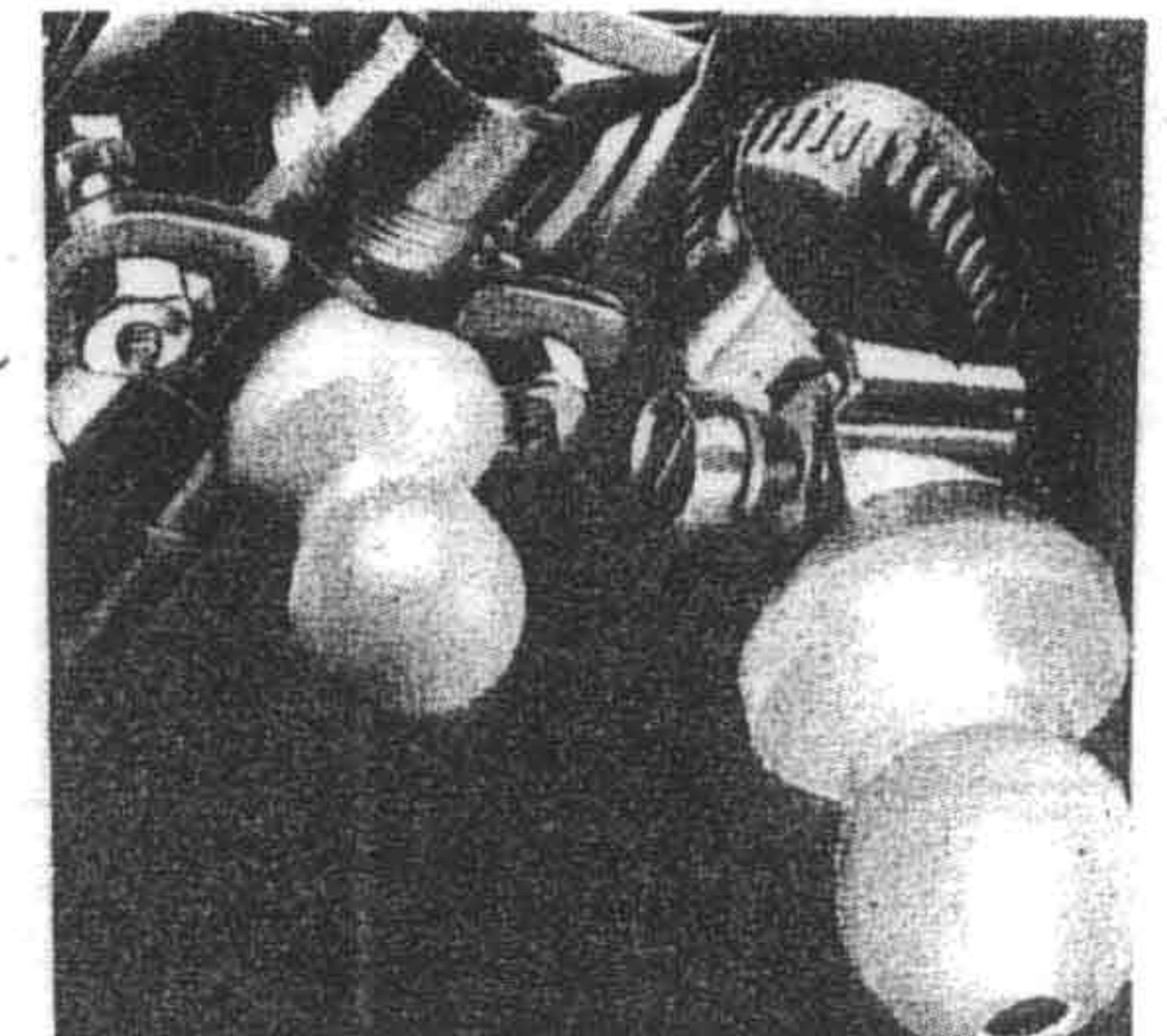
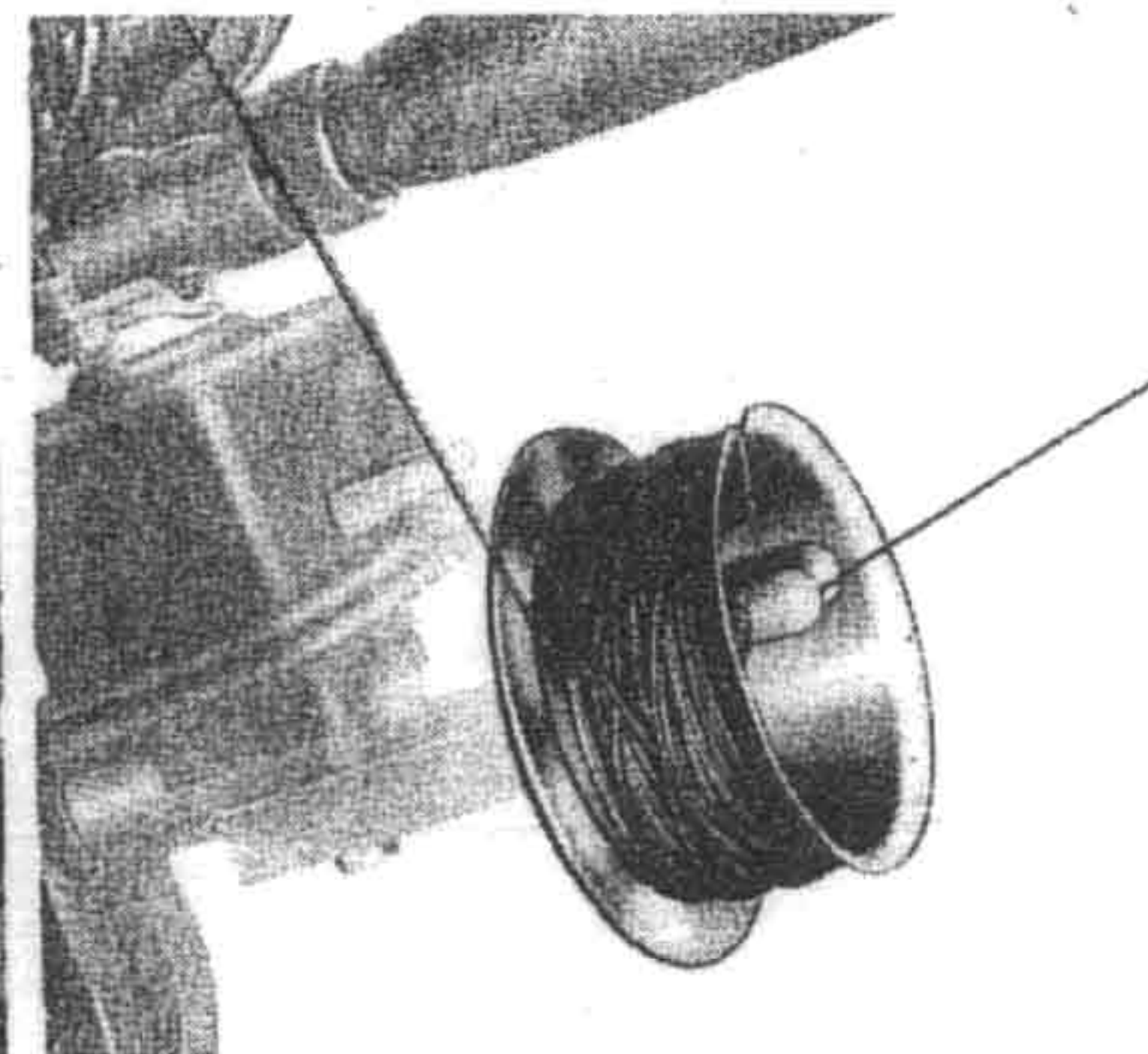
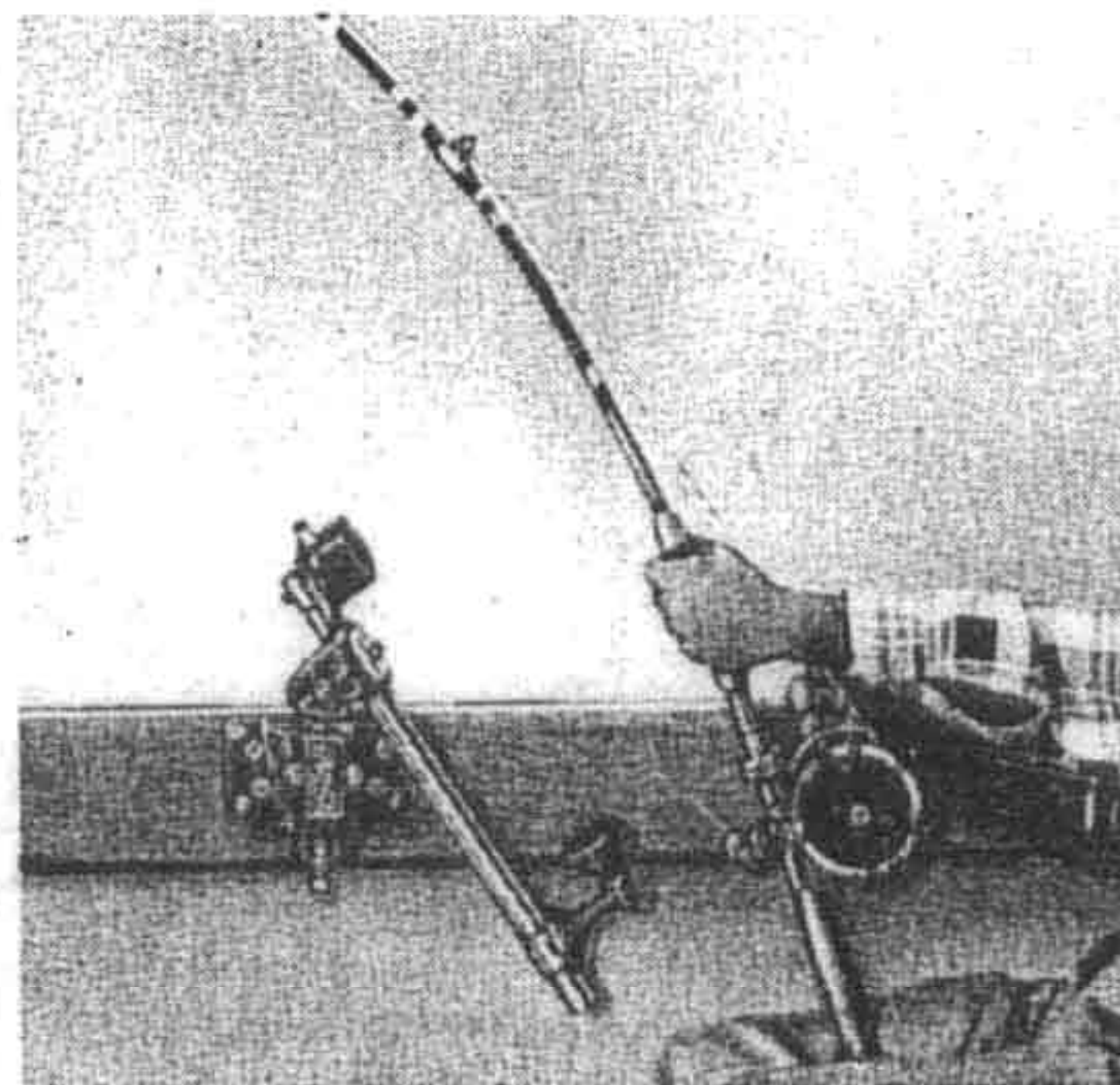
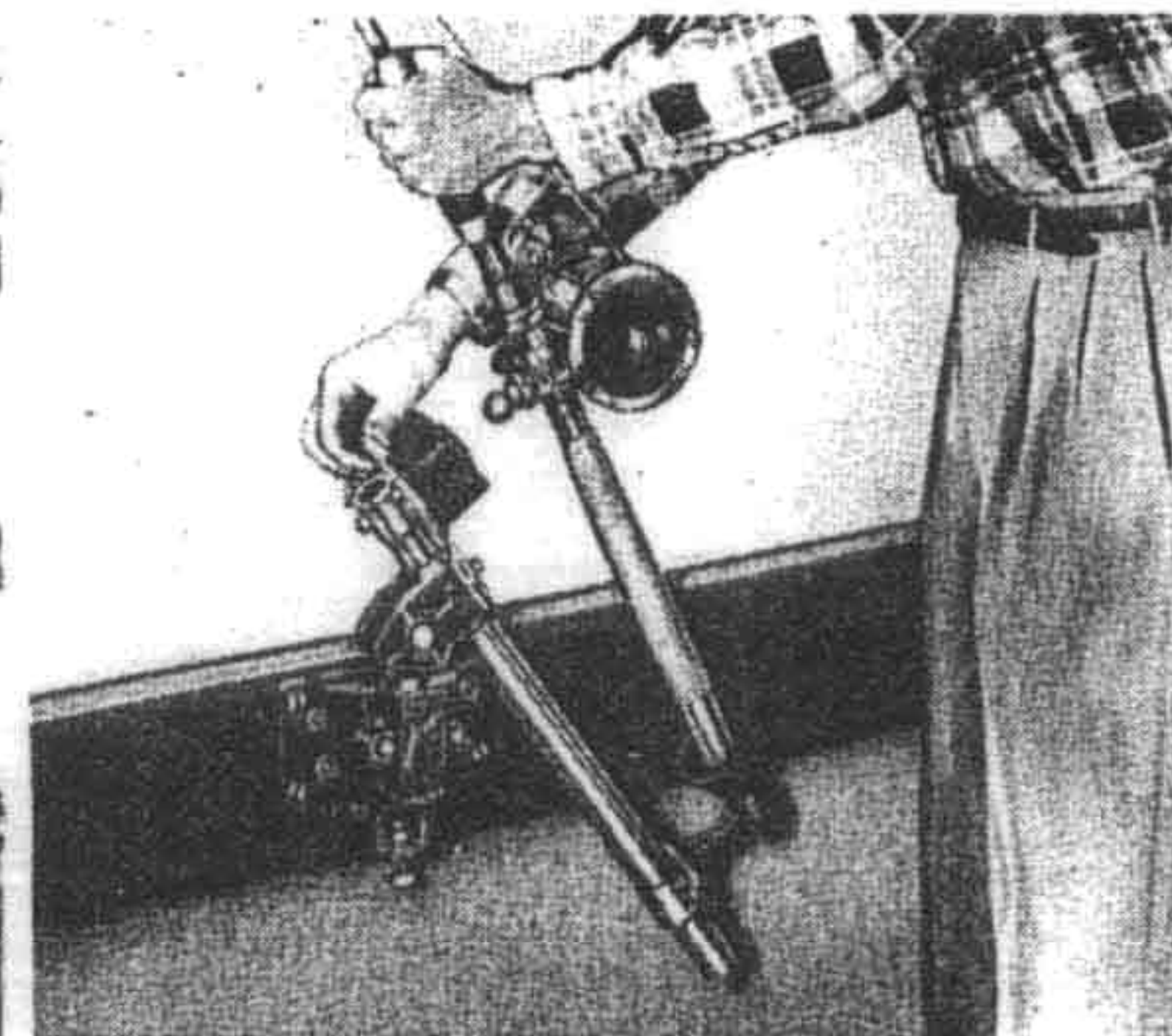
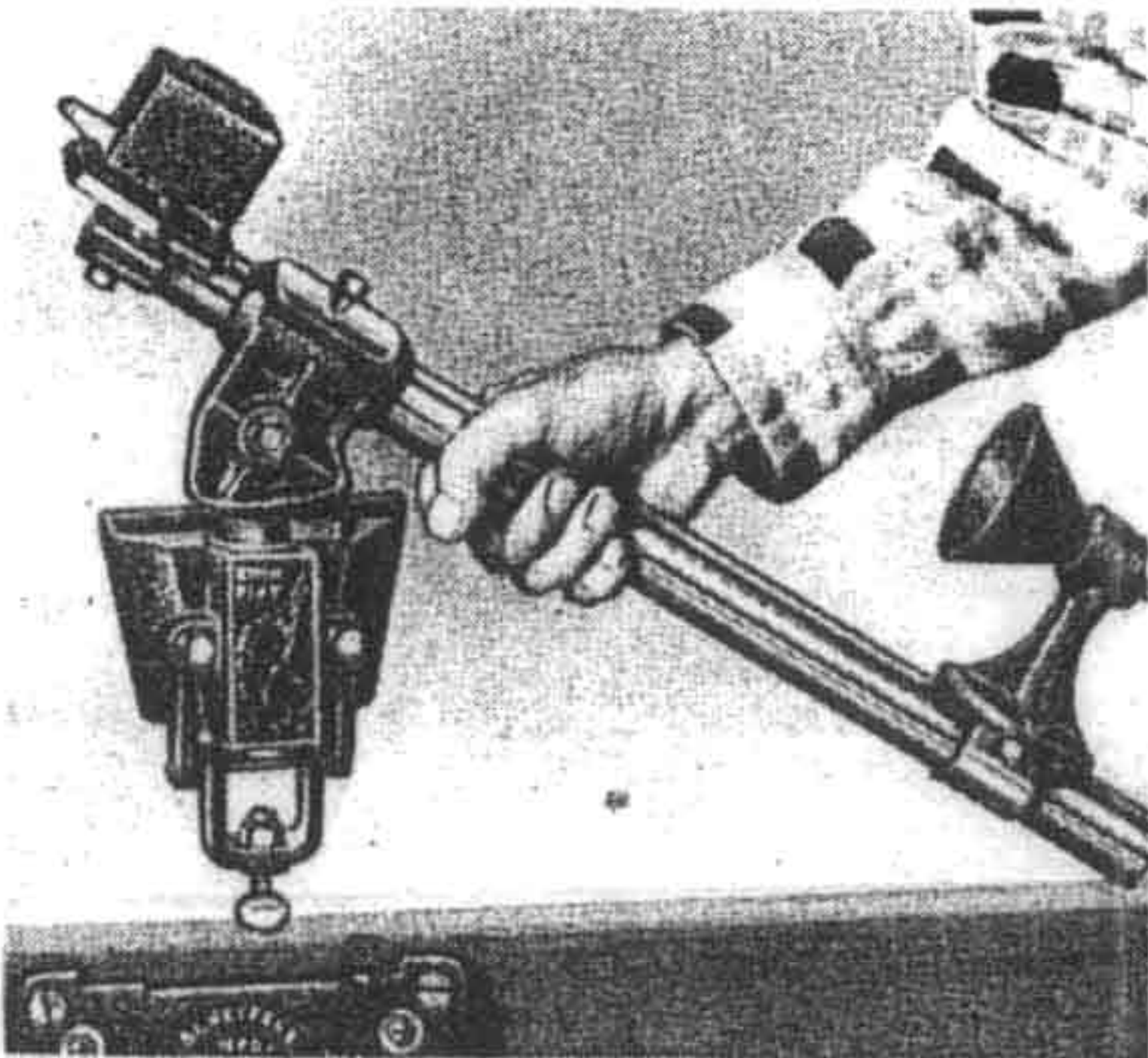
KWIK-PLAY ROD HOLDER is a mechanical device to hold your rod while fishing. It consists of:

1. Base plate, which is screwed to coaming of boat.
2. Demountable frame which contains the mechanism for the up and down and the rotary swivel motion.
3. A tube, onto which is attached the adjustable butt rest at lower end and the head or holding device, at the upper end.

The rod butt is placed into the butt rest and the special ball adaptor attached to rod or reel clamp is then placed into the patented "sure grip" head, to be released at will by a light finger touch on the trip release.

WHAT IT DOES:

1. Holds your rod and minds your fishing between strikes.
2. Holds your rod surely and safely.
3. Trolls, strikes and plays fish unattended.
4. Can eliminate the need for outriggers on boats.
5. Enables you to fish four lines and gaff your own fish.
6. Saves your strength for fighting fish.
7. Prevents costly line tangles and loss of tackle.



Mounting or dismounting is the work of an instant—only the base plate remains permanently attached.

Rod is easily, instantly removed from Holder by simply pressing handy trip release—a mere finger-touch, no matter how strong the pull.

When you've brought your catch alongside, you can return rod to Rod Holder, and gaff your own fish unassisted—a big advantage—especially if you're alone.

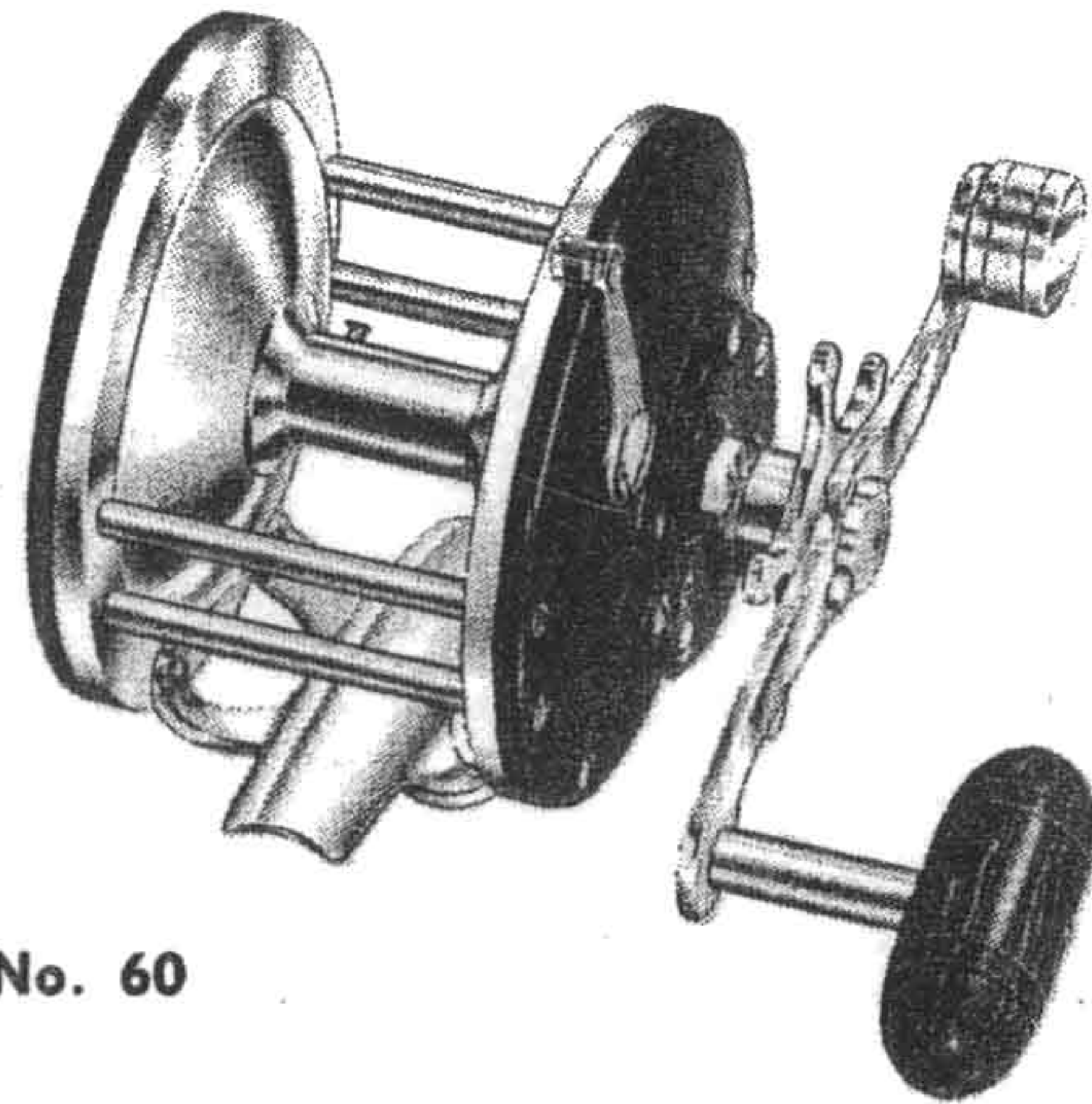
DROP-BACK ATTACHMENT Consists of: 1. A spool to hold whatever length of line you think is needed for drop-back. 2. A mechanical clothespin holding device, to hold drop back line until strike occurs.

BALL ADAPTOR

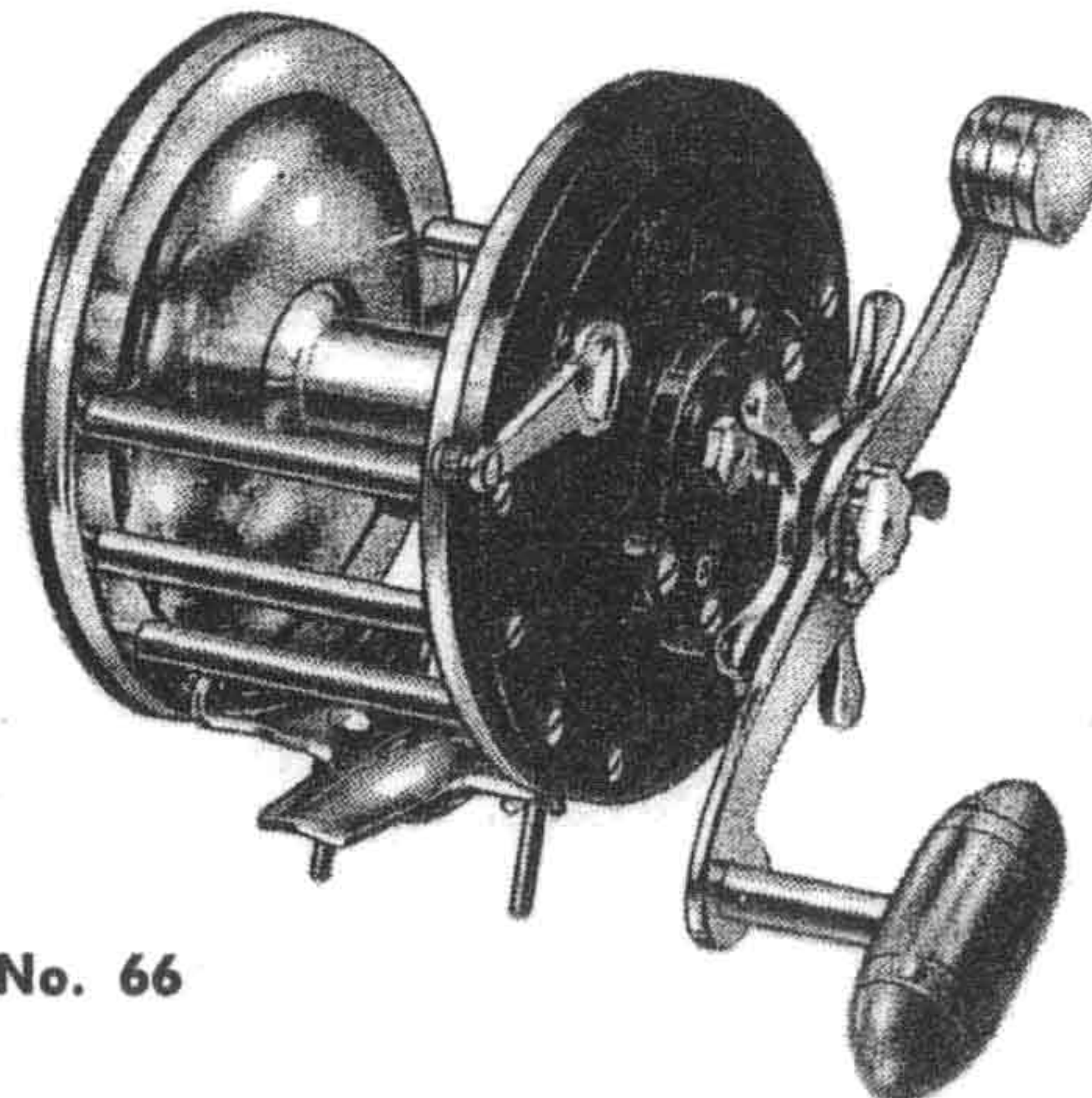
BAR TYPE

STRAP TYPE

FOR DEEP-SEA BOTTOM FISHING AND TROLLING



No. 60



No. 66

Penn Long Beach reels comprise five models equipped with metal spools and Power Star Drag. The drag can be applied instantly without danger of stripping gears. Gear train consists of steel driving gear and stainless steel pinion gear. The Penn one-shot lubrication system safeguards perfect performance. Metal parts are heavily chromium plated and hand polished. The Super Long Beach models #66, 67 and 68 are equipped with rod clamps.

PENN SUPER LONG BEACH

	Line capacity in yards			Gear Ratio	Plate Diam.	Spool Width	Weight of reel	List Price
	27 lb. Linen	36 lb. Dacron	45 lb. Nylon					
No. 60	250 yds.	260 yds.	125 yds.	2½ to 1	3¼"	1⅜"	19½ oz.	\$10.95
No. 65	300 yds.	270 yds.	150 yds.	2½ to 1	3¼"	2⅛"	20½ oz.	12.50
No. 66	400 yds.	310 yds.	160 yds.	2½ to 1	3⅝"	2⅛"	26 oz.	14.95

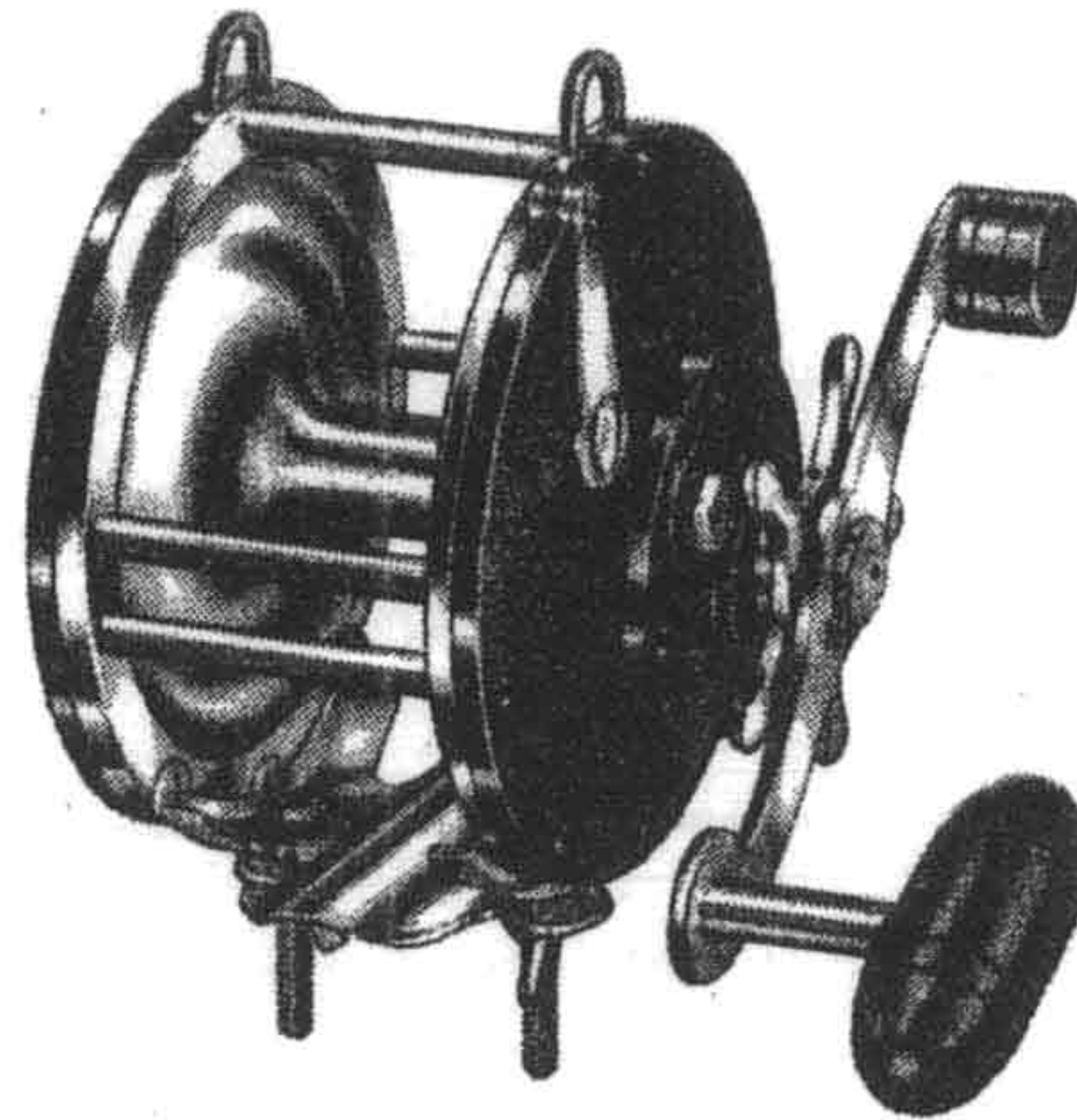
Left hand models extra \$ 1.50

PENN LONG BEACH

	Line capacity in yards			Gear Ratio	Plate Diam.	Spool Width	Weight of reel	List Price
	36 lb. Linen	45 lb. Dacron	54 lb. Nylon					
No. 67	375 yds.	310 yds.	175 yds.	2½ to 1	3⅝"	2⅞"	27 oz.	\$17.00
No. 68	450 yds.	410 yds.	200 yds.	2½ to 1	3⅝"	3"	29 oz.	18.50

Left hand models extra \$ 1.50

FOR TROLLING WITH WIRE AND LEAD CORE LINES



No. 130

PENN SAILFISHER

With Solid, One-Piece Cast Spool
Gear Ratio 3 to 1
For Trolling and Bottom Fishing

Here is an exceptionally strong reel with narrow, one-piece cast spool, fast retrieve and special features of ruggedness needed for sailfish, marlin, tuna, etc. The smooth acting star drag, extra heavy main and pinion gears, one-shot lubrication system, rod clamps, harness lugs and oversize torpedo handle merit the popularity these reels enjoy.

No. 130 Solid Cast Spool, capacity 400 yd.

No. 9, 350 yd. 36 lb. Dacron, 300 yd. 18 lb.

lead core line. Weight 29 oz. Plate diameter List Price
 $3\frac{3}{4}$ ". Spool width $1\frac{13}{16}$ ". Gear ratio 3 to 1 .. \$21.00

Left hand models extra \$ 1.50

PENN SUPER-MARINER

Gear Ratio $3\frac{1}{2}$ to 1

Penn Models 49 and 49M retrieve about $2\frac{1}{2}$ feet of line with each turn of the handle. Both models are equipped with the Convertible Star Drag and may be fished as a star drag or free spool reel. Gears are always in mesh and cannot strip. End plates are double metal bound. All exposed metal parts are polished and chromium plated.

List Price

No. 49 Convertible Star Drag, Plastic Spool,

Wt. 29 oz. \$18.95

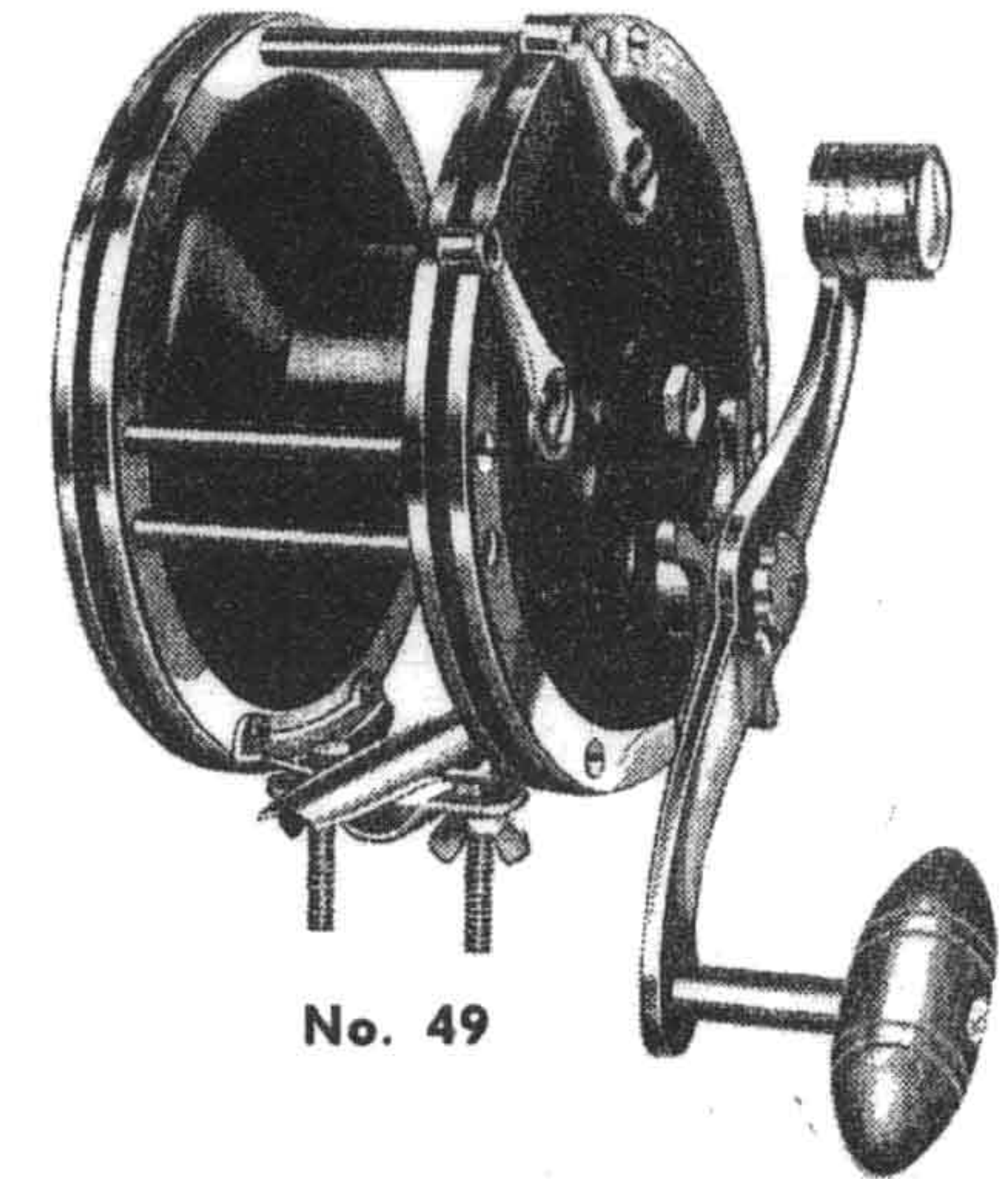
No. 49M Convertible Star Drag, Metal Spool,

Wt. 32 oz. \$20.95

Left hand models extra \$ 1.50

APPROXIMATE CAPACITIES

Model	No. 15 Linen	18 lb. Lead Core	.024" Monel
49	175 yds.	300 yds.	200 yds.
49M	220 yds.	360 yds.	245 yds.



No. 49

PENN MARINER

Double Multiplying Gears

Penn models 149 and 149M are similar in general design to models 49 and 49M, but are without the convertible star drag feature. End plates have a chromium plated brass inside ring. Both models retrieve line quickly. All exposed metal parts are polished and chromium plated. Gear ratio 2.1 to 1. (Not illustrated.) List Price

No. 149 Star Drag, 225 yd. Plastic Spool.....\$15.00

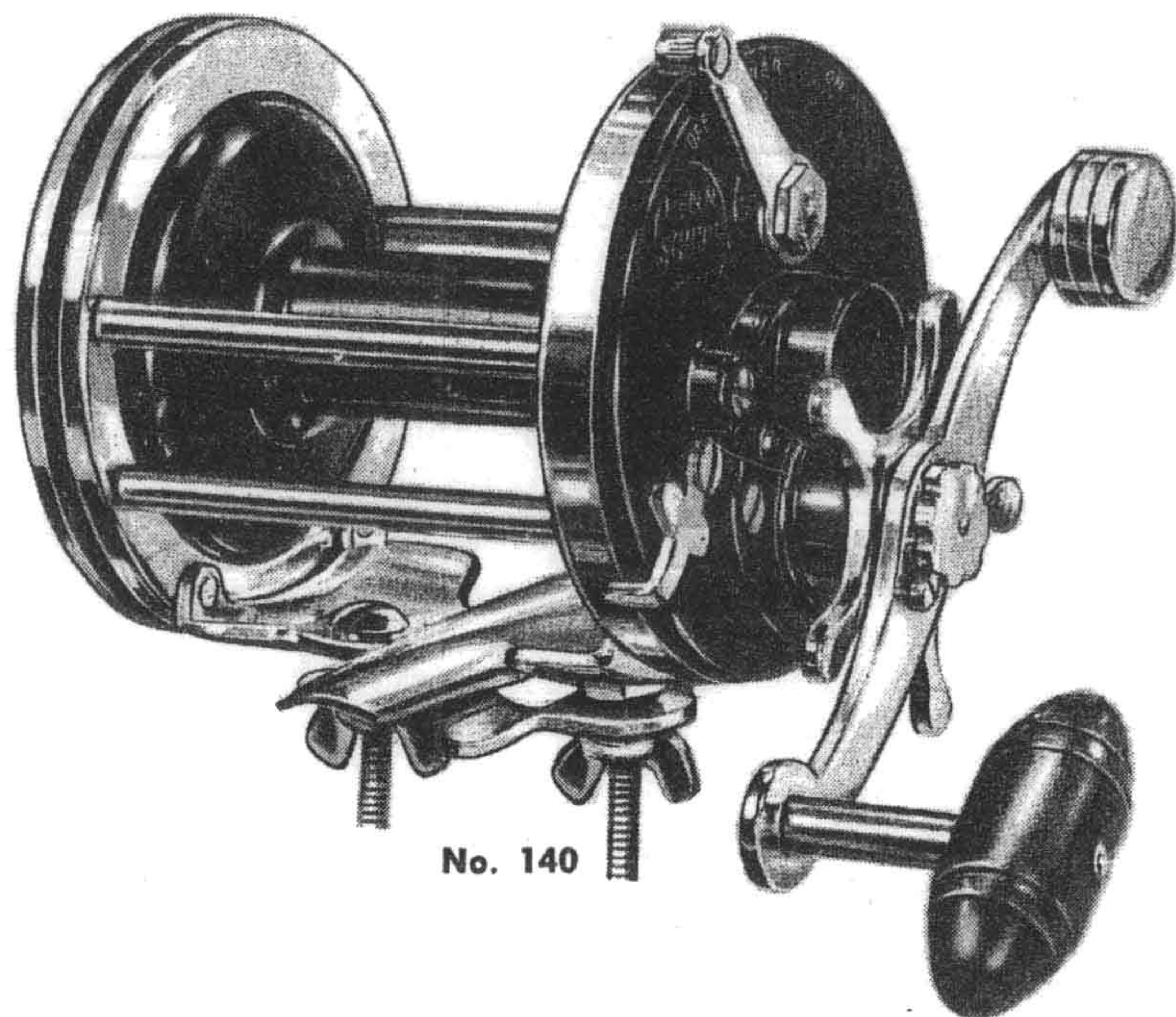
No. 149M As above, with Chromium Plated, 275 yd.

Metal Spool 17.00

Left hand models extra \$ 1.50

PENN SQUIDDER

BALL BEARINGS — AIR BRAKE — CONVERTIBLE DRAG



No. 140

The Penn Squidder has the casting ability of a tournament reel, yet is built to take the punishment of hard fishing. All external metal parts are heavily chrome plated.

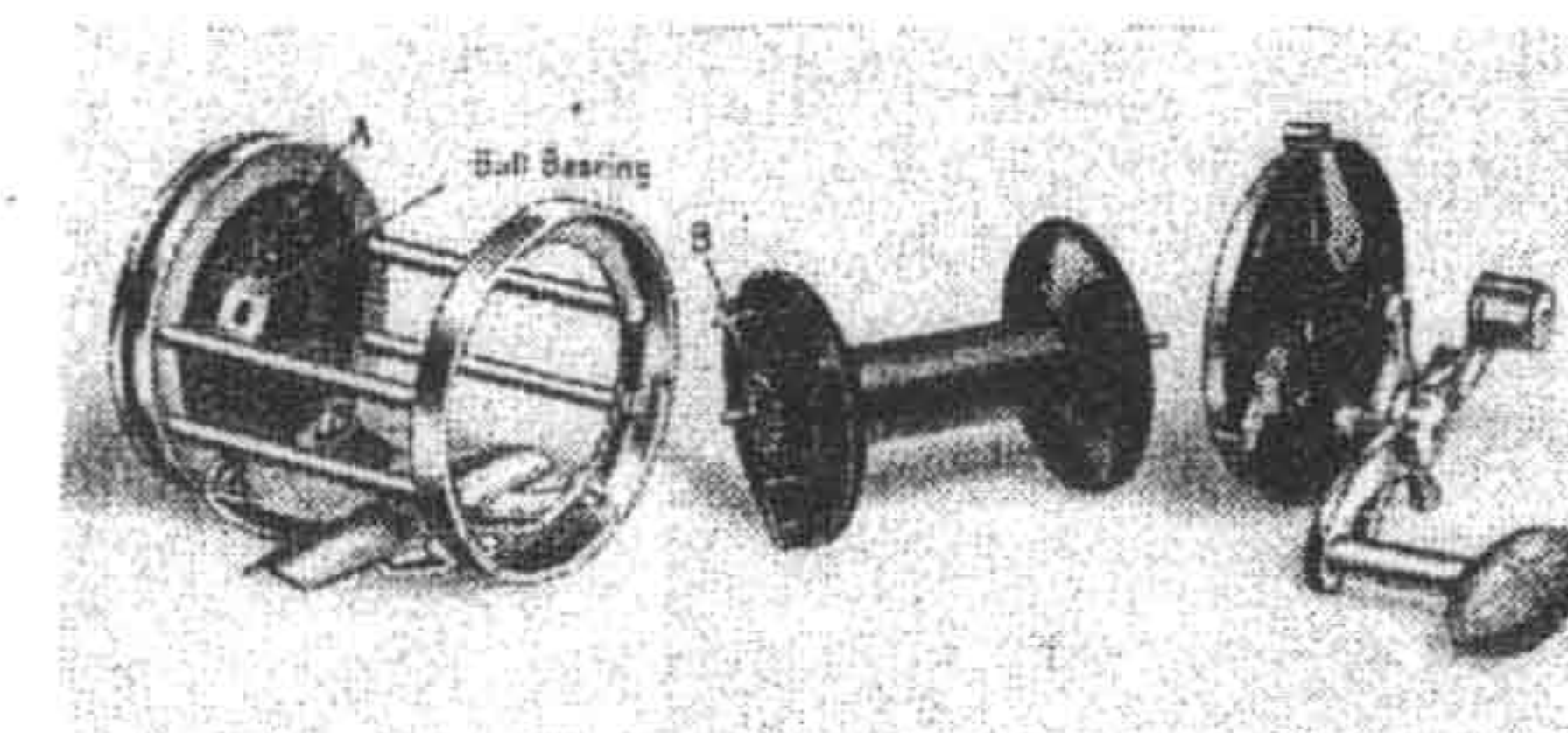
Light weight, rugged frame is $2\frac{3}{4}$ " in diameter. Spools for models 140 and 140M are $2\frac{7}{16}$ " wide; for models 145 and 145M spools are $2\frac{1}{8}$ " wide.

SPECIFICATIONS

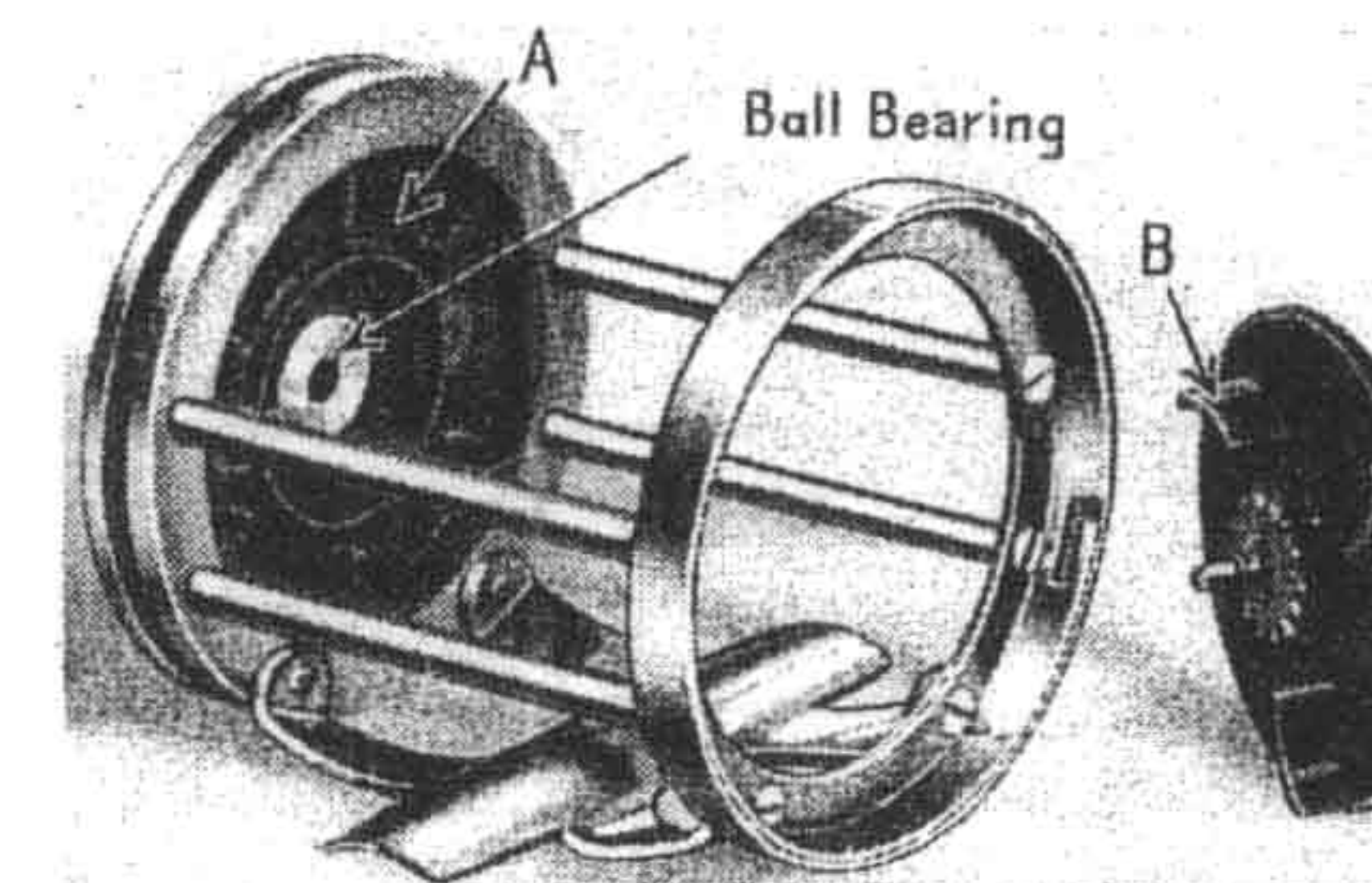
Model	Capacity		Wt.	Plate Diam.	Spool Width	Gear Ratio
	27 lb. Linen	36 lb. Dacron				
140	200 yds.	200 yds.	17½ oz.	2¾"	2⅞"	3⅓ to 1
145	150 yds.	150 yds.	16½ oz.	2¾"	2⅞"	3⅓ to 1
140M	250 yds.	250 yds.	18 oz.	2¾"	2⅞"	3⅓ to 1
145M	200 yds.	200 yds.	16 oz.	2¾"	2⅞"	3⅓ to 1

		List Price
No. 140	2 Plastic Spools, Capacity 200 yd., 27 lb. Linen	\$25.00
No. 145	2 Plastic Spools, Capacity 150 yd., 27 lb. Linen	24.00
No. 140M	1 Metal Spool, Capacity 250 yd., 27 lb. Linen	25.00
No. 145M	1 Metal Spool, Capacity 200 yd., 27 lb. Linen	24.00
Left hand models extra		2.00

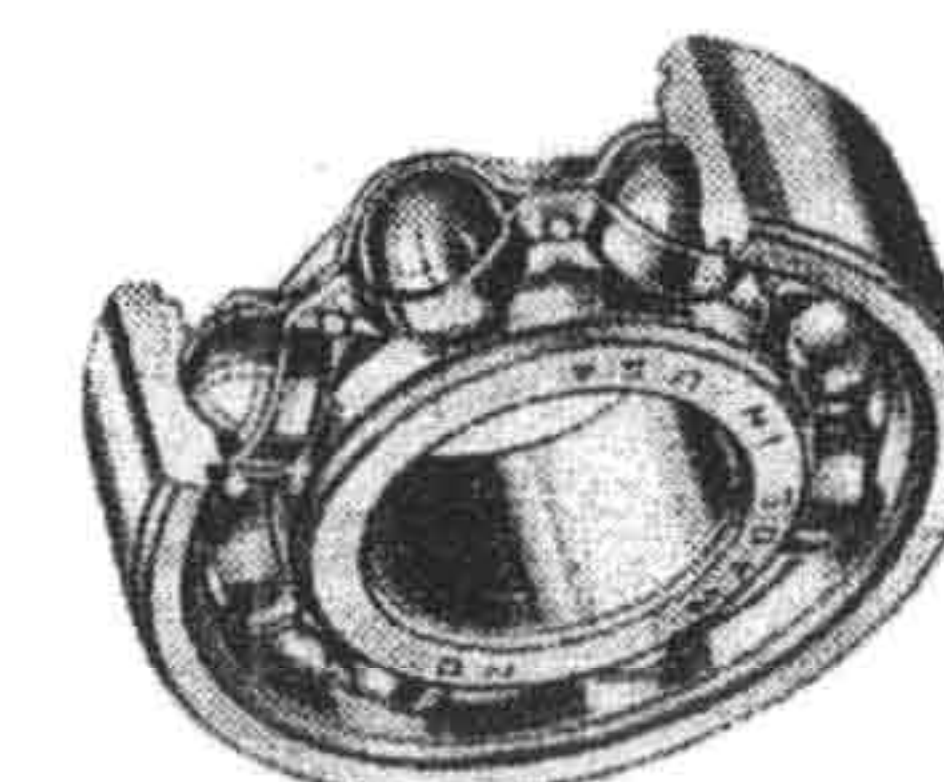
All Penn Squidder models feature:



One-Screw Take-Apart



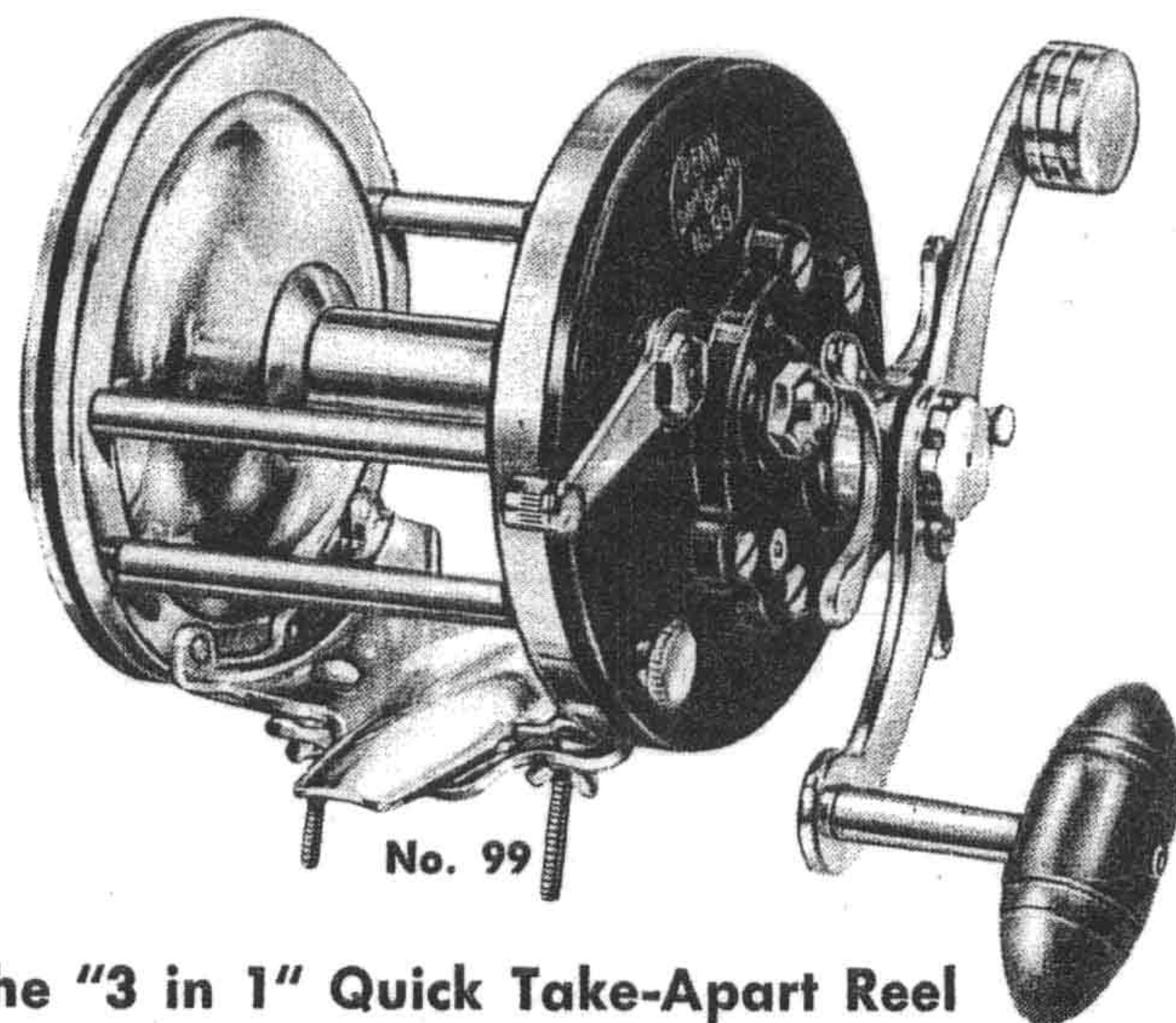
Air Brake Fin Spools



Ball Bearings
3⅓ to 1 Gear Ratio
Wide Frame
Convertible Star Drag

PENN SILVER BEACH

For Surf Casting, Squidding, Pier and Bridge Fishing



No. 99

The "3 in 1" Quick Take-Apart Reel 1 PLASTIC — 1 METAL SPOOL

Combination surf, boat and trolling reel, equipped with one plastic and one metal spool. Penn Model 99 is an ideal all-around reel for casting, trolling and deep-sea fishing.

Casting Spool, Plastic, Cap. 200 yd. No. 9

Trolling Spool, Chromed Brass, Cap. 250 yd. No. 9

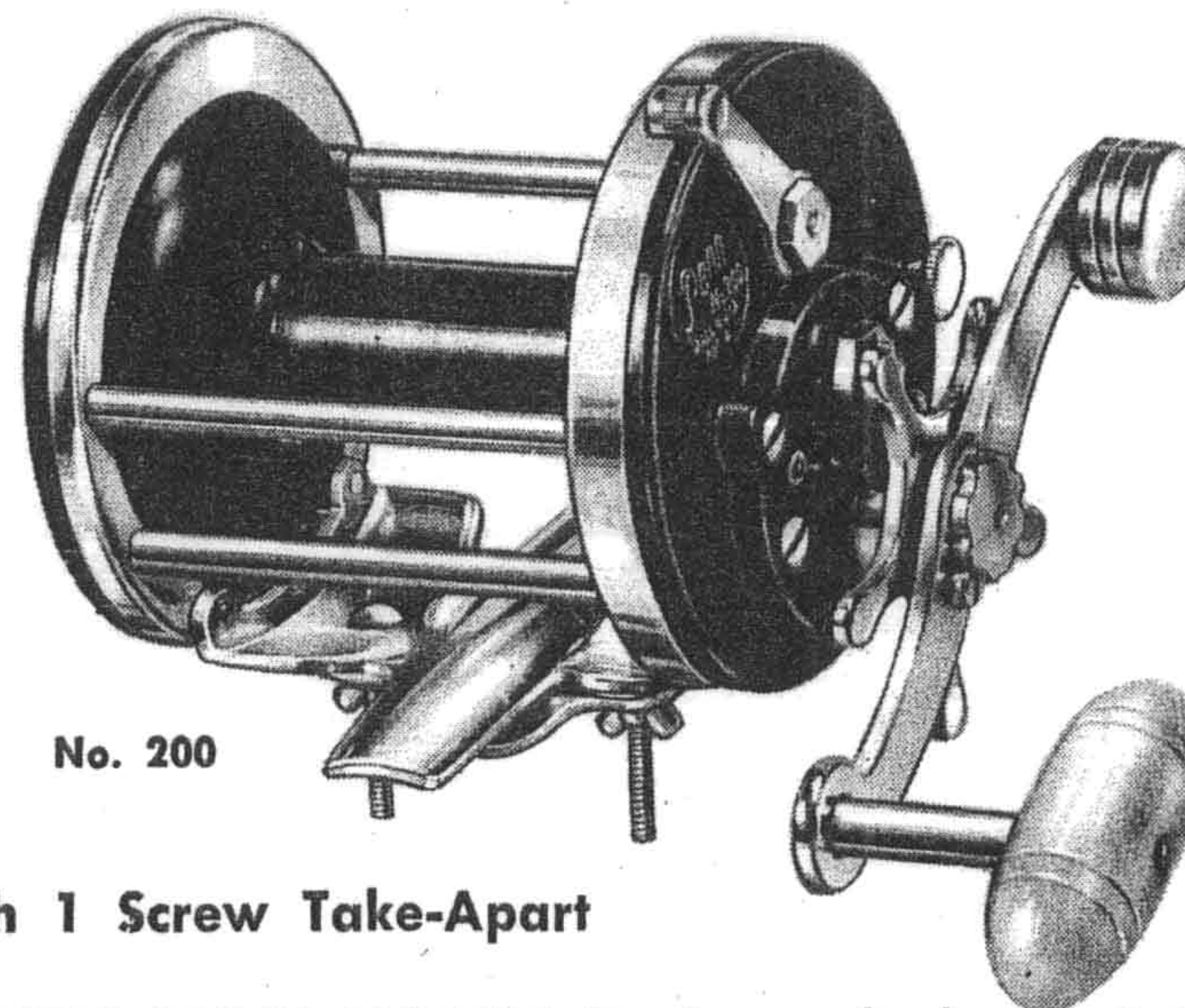
Weight of Reel — 22½ oz.

Gear Ratio 3 to 1, Plate diameter 3⅛", Spool width 2⅛".

List Price

No. 99 with 2 Spools\$18.00
Left hand models extra.....\$ 1.50

PENN SURFMASTER



No. 200

with 1 Screw Take-Apart

REINFORCED PLASTIC SPOOL MODELS (Each supplied with 2 Spools)

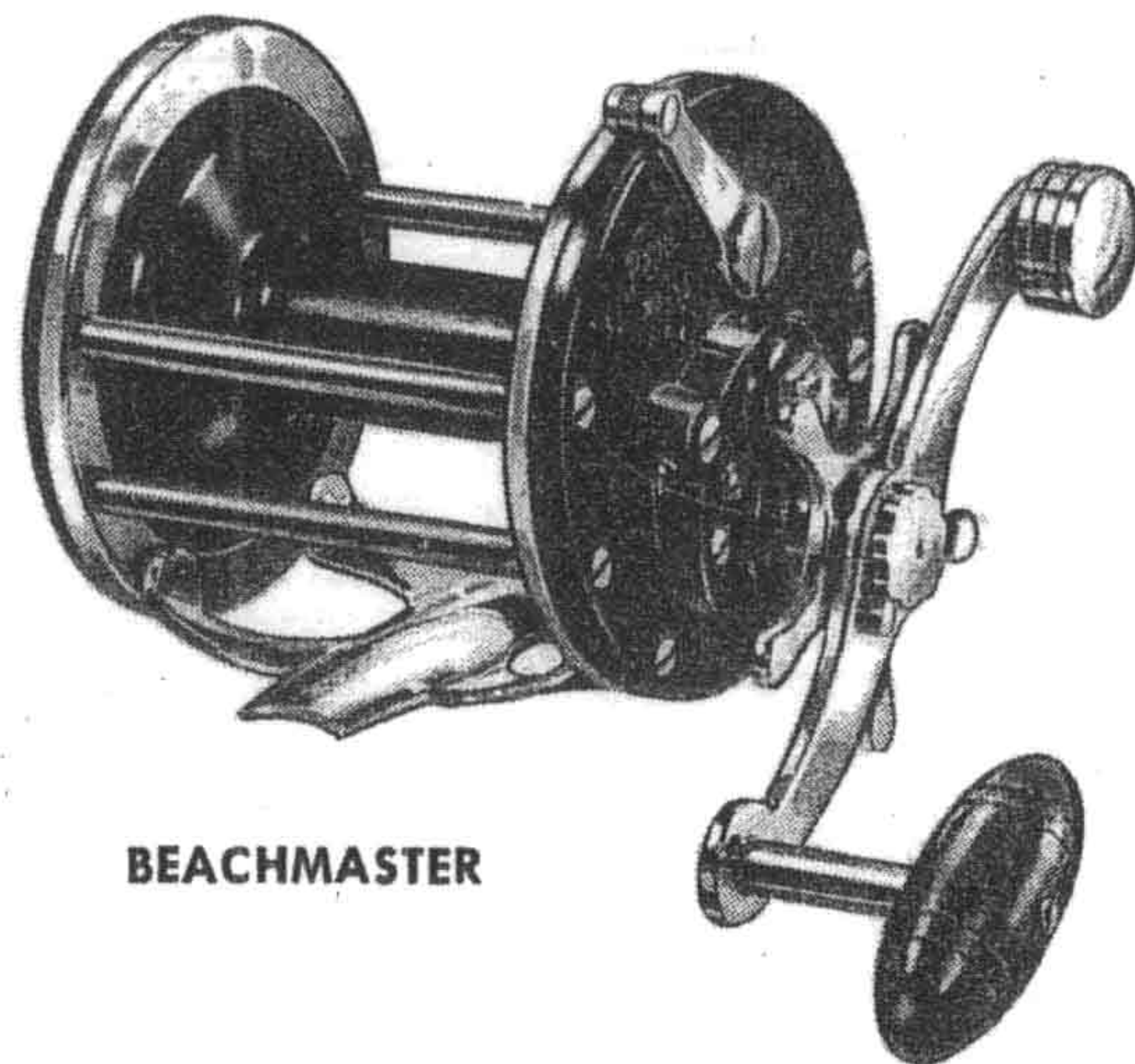
Model	Capacity	Wt. of Reel	Plate Diam.	Spool Width	List Price
No. 100	100 yd. No. 9	16 oz.	2¾"	1⅝"	\$13.00
No. 150	150 yd. No. 9	17½ oz.	2¾"	2⅛"	14.00
No. 200	200 yd. No. 9	18 oz.	2¾"	2⅞"	15.00
No. 250	250 yd. No. 9	20 oz.	3⅛"	2⅞"	16.00
Left hand models extra.....					\$ 1.50

METAL SPOOL MODELS (Each supplied with 1 Spool)

Model	Capacity	Wt. of Reel	Plate Diam.	Spool Width	List Price
No. 100M	150 yd. No. 9	17 oz.	2¾"	1⅝"	\$12.75
No. 150M	200 yd. No. 9	18 oz.	2¾"	2⅛"	13.75
No. 200M	250 yd. No. 9	19½ oz.	2¾"	2⅞"	15.00
No. 250M	300 yd. No. 9	22½ oz.	3⅛"	2⅞"	16.00
Left hand models extra.....					\$ 1.50

PENN BEACHMASTER

Light Weight — Triple Multiplying



BEACHMASTER

The Penn Beachmaster is small, light in weight and extremely popular for surf, top and bay fishing. Streamlined end plates are metal bound and beautifully engraved. Plate diameter $2\frac{3}{4}$ ". Spool width $2\frac{7}{16}$ ".

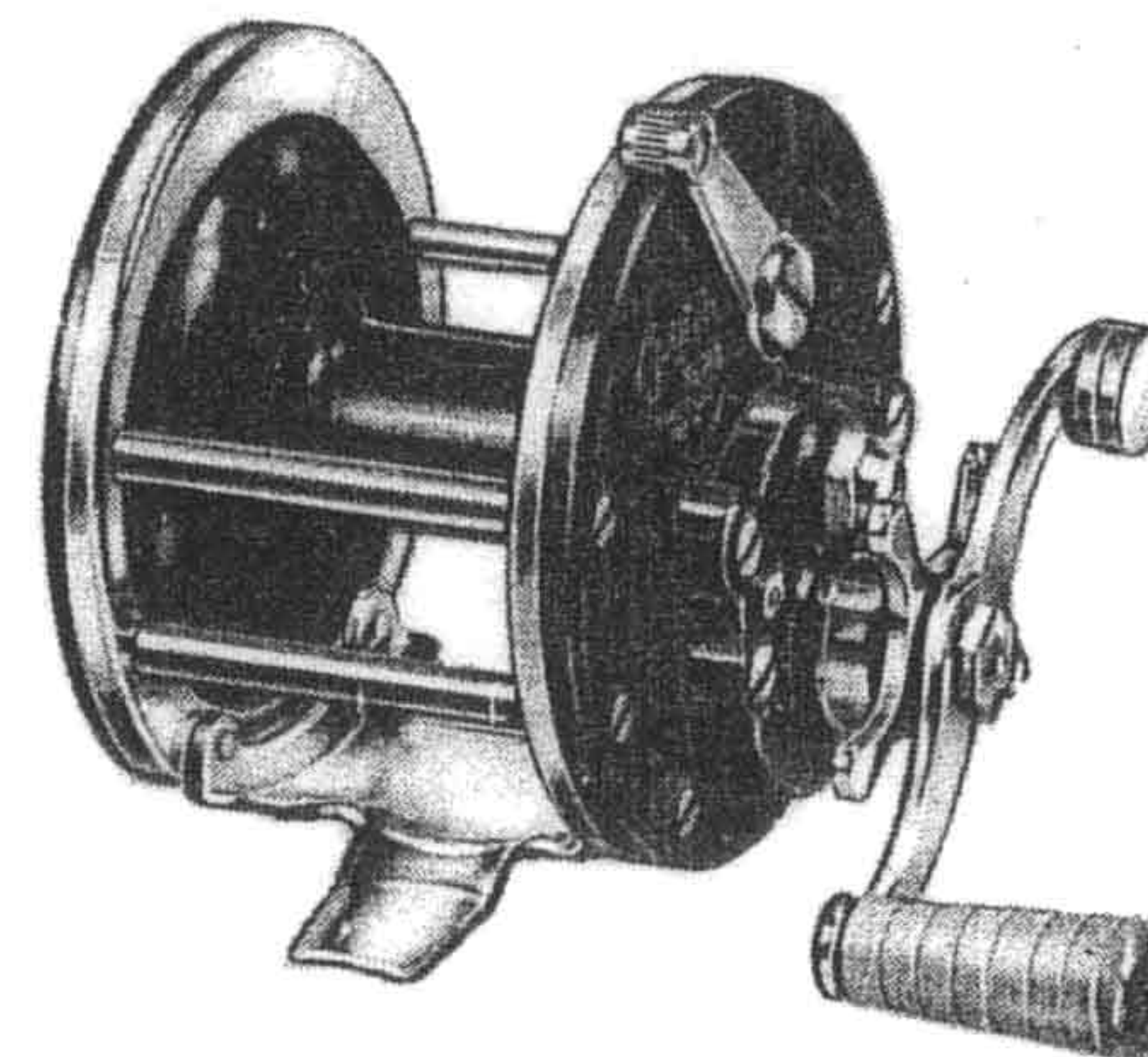
REINFORCED PLASTIC SPOOL MODELS

		Weight	List Price
No. 155	Star Drag, Lightweight Spool, 200 yd. No. 9....	14 oz.	\$10.50
No. 160	Star Drag, Lightweight Spool, 150 yd. No. 9....	13 oz.	9.50
No. 165	Free Spool, Lightweight Spool, 150 yd. No. 9....	$12\frac{1}{2}$ oz.	7.50
Left hand models extra.....			\$ 1.50

METAL SPOOL MODELS

No. 155M	Star Drag, Metal Spool, 250 yd. No. 9.....	16 oz.	\$11.50
No. 160M	Star Drag, Metal Spool, 200 yd. No. 9.....	$14\frac{1}{2}$ oz.	10.50
No. 165M	Free Spool, Metal Spool, 200 yd. No. 9.....	14 oz.	8.50
Left hand models extra.....			\$ 1.50

PENN BAYMASTER



BAYMASTER

These lightweight reels are ideally suited for light tackle fishing. All reels in this series are equipped with free spool action, sliding click and one-shot lubrication system. Metal bound and handsomely engraved end plates. All models have $2\frac{3}{4}$ " plate diameter and spools $1\frac{5}{8}$ " in width.

100 YD. PLASTIC SPOOL MODELS

		List Price
No. 180F	Star Drag, $2\frac{3}{8}$ " Reel Stand, Wt. 12 oz.	\$ 7.95
No. 180S	Star Drag, $2\frac{11}{16}$ " Reel Stand, Wt. 12 oz.	7.95
No. 185F	Free Spool Action, $2\frac{3}{8}$ " Reel Stand, Wt. $11\frac{1}{2}$ oz.	6.50
No. 185S	Free Spool Action, $2\frac{11}{16}$ " Reel Stand, Wt. $11\frac{1}{2}$ oz.	6.50

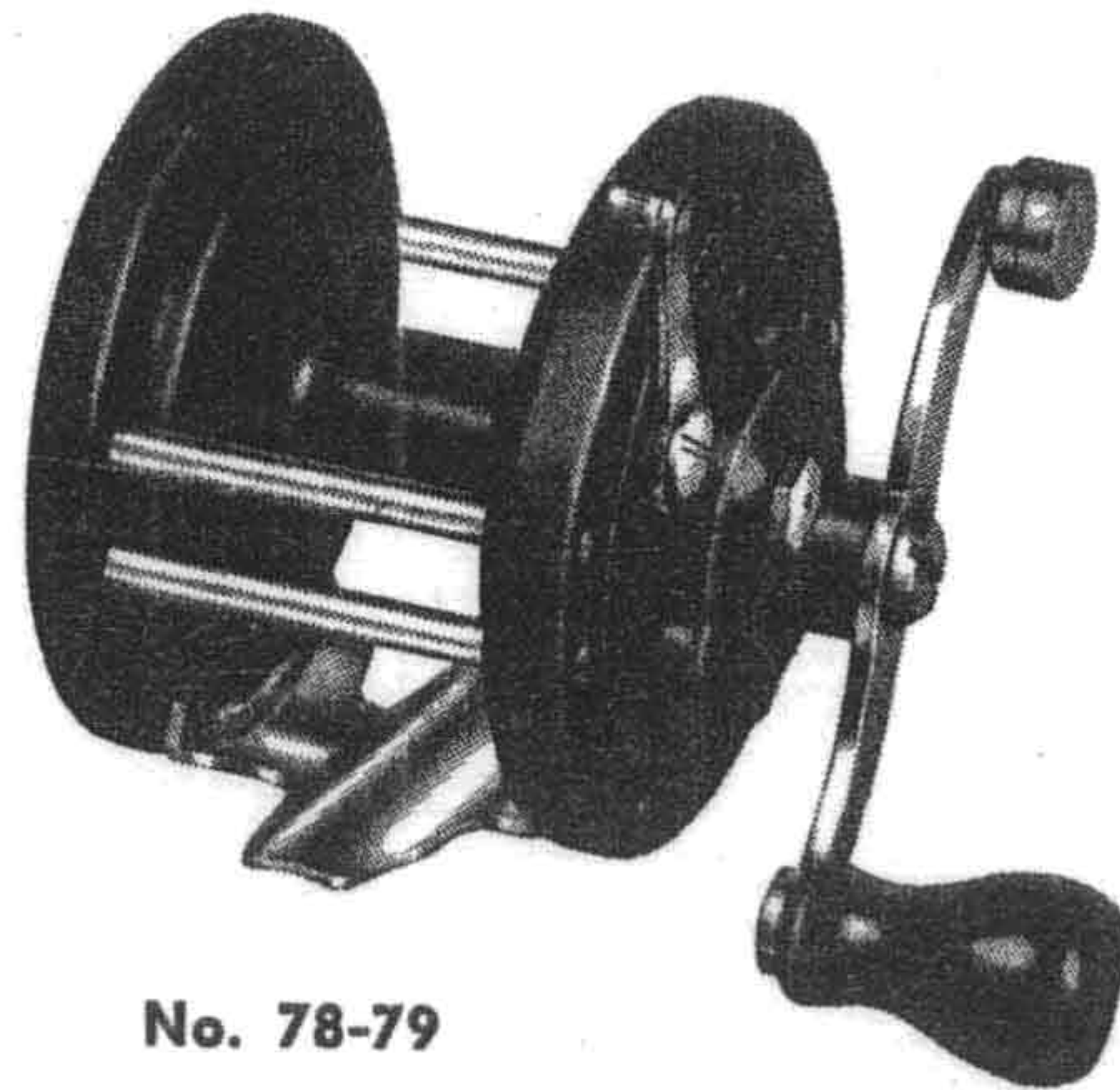
150 YD. METAL SPOOL MODELS

No. 180MF	Metal Spool, Star Drag, $2\frac{3}{8}$ " Reel Stand, Wt. $12\frac{1}{2}$ oz. ...	\$ 8.95
No. 180MS	Metal Spool, Star Drag, $2\frac{11}{16}$ " Reel Stand, Wt. $12\frac{1}{2}$ oz. ...	8.95
No. 185MF	Metal Spool, Free Spool, $2\frac{3}{8}$ " Reel Stand, Wt. 12 oz.	7.50
No. 185MS	Metal Spool, Free Spool, $2\frac{11}{16}$ " Reel Stand, Wt. 12 oz. ...	7.50
Left hand models extra.....		\$ 1.00

FOR GENERAL ALL-AROUND FISHING

Penn universal reels provide desirable features at moderate prices. All are suitable for light trolling, pier, surf, deep-sea and bay fishing. Strong gears, smooth free-spool action. Penn one-shot lubrication system. All models have star drag, except Nos. 78 and 79.

PENN SEA-MATE, SEA-SCAMP



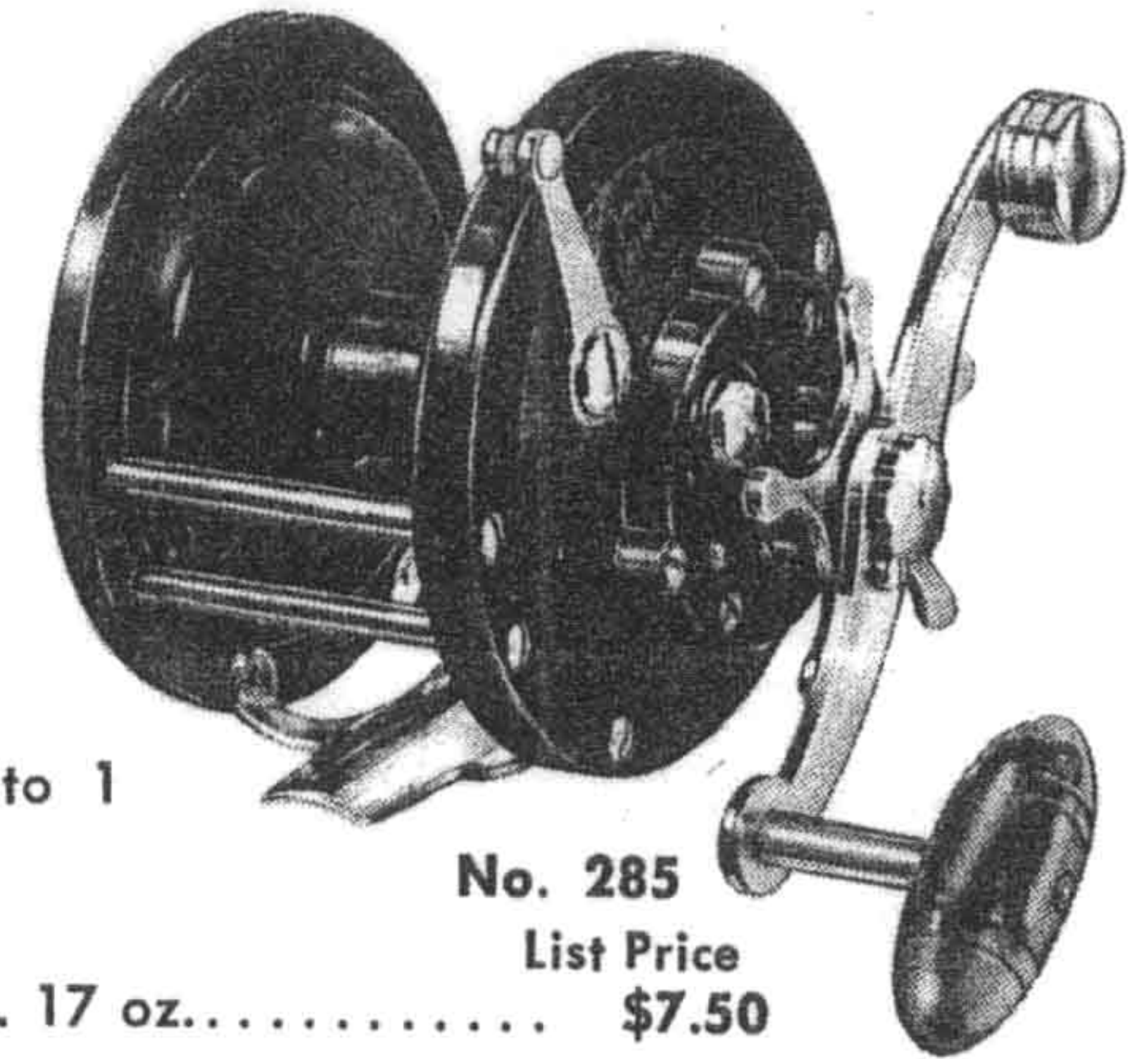
No. 78-79

	List Price
No. 78 Sea-Scamp, 150 yd., Free Spool Action	
Weight 10 oz.	\$4.00
No. 79 Sea-Mate, 200 yd., Free Spool Action	
Weight 11 oz.	4.50

PENN DELMAR

200 and 250 yards
Universal Star Drag Reel
Ideal for fresh-water trolling
and stillfishing.

Plate Diameter $3\frac{1}{4}"$
Spool Width $1\frac{13}{16}"$ • Gear Ratio 2.3 to 1



No. 285

No. 285 200 yd. No. 9, Wt. 17 oz. List Price \$7.50

No. 285M Metal Spool—250 yd. No. 9,
Wt. 18 oz. 8.50

Metal parts are chrome plated and hand polished.

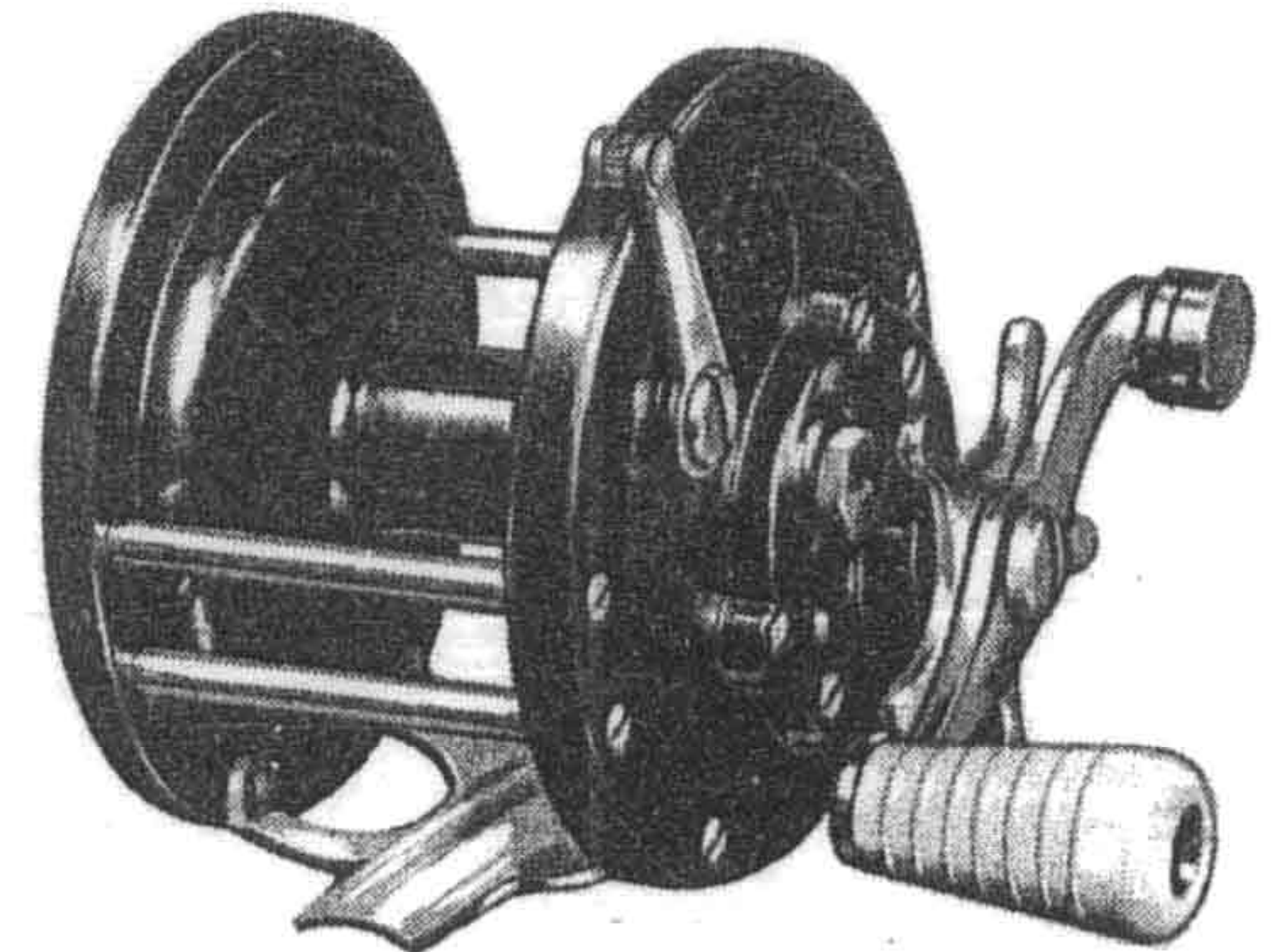
Left hand models extra. \$1.00

PENN SEA-BOY

200 yards
Popular Star Drag Reel
Ideal for fresh-water trolling and
stillfishing.

Plate Diameter $3\frac{1}{4}"$
Spool Width $1\frac{13}{16}"$
Gear Ratio 2.3 to 1

	List Price
No. 85 200 yd. No. 9, free spool action	\$5.95
No. 85M Metal Spool—190 yds. No. 12	6.95
Left hand models extra.	\$1.00

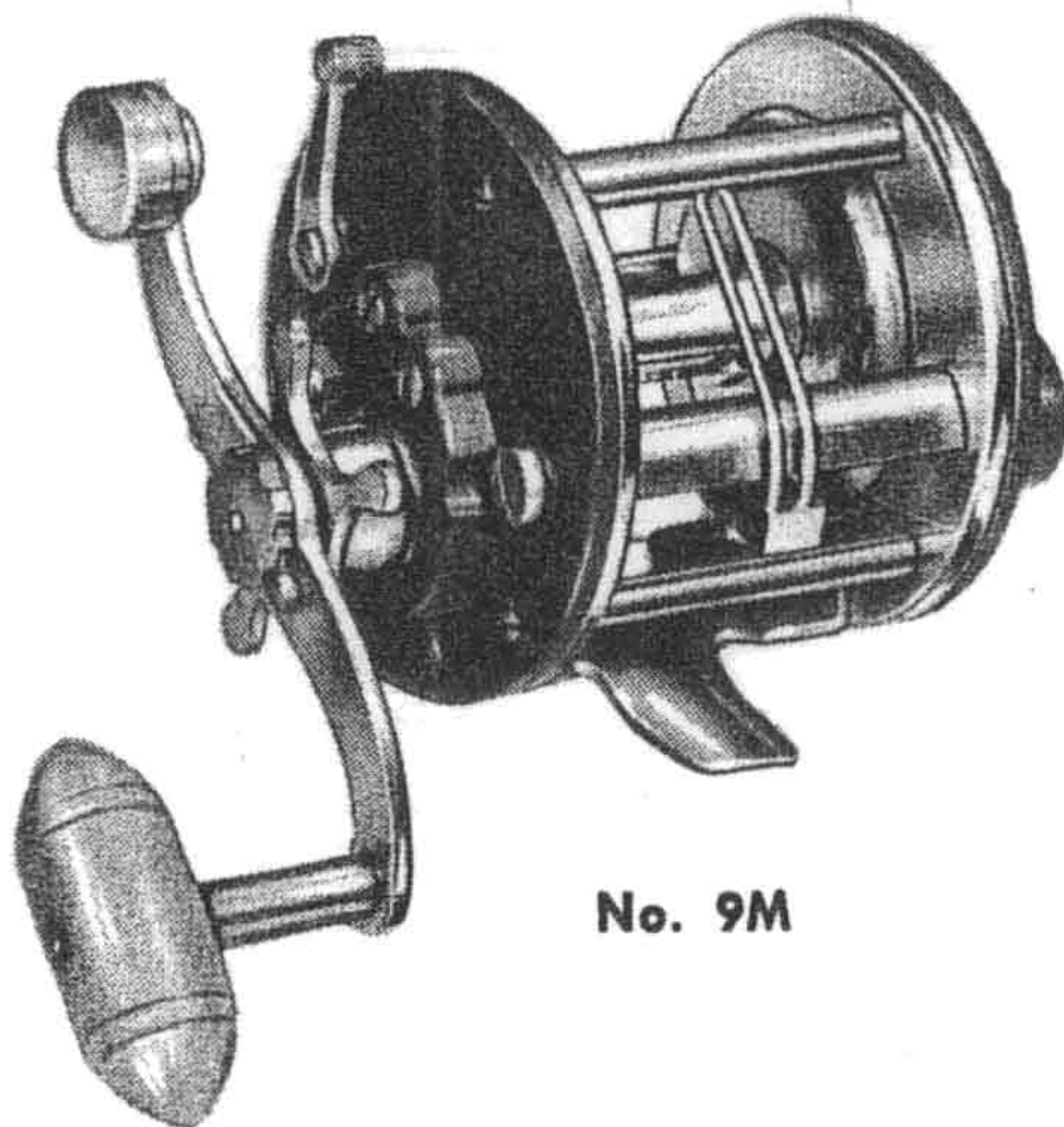


No. 85

Monofil[®]

LEVEL-WIND REELS

All three models are available with either lightweight plastic spools or metal spools of chromed brass. All spools are precision-fitted for trouble-free use with monofilament line, as well as all other types of lines.

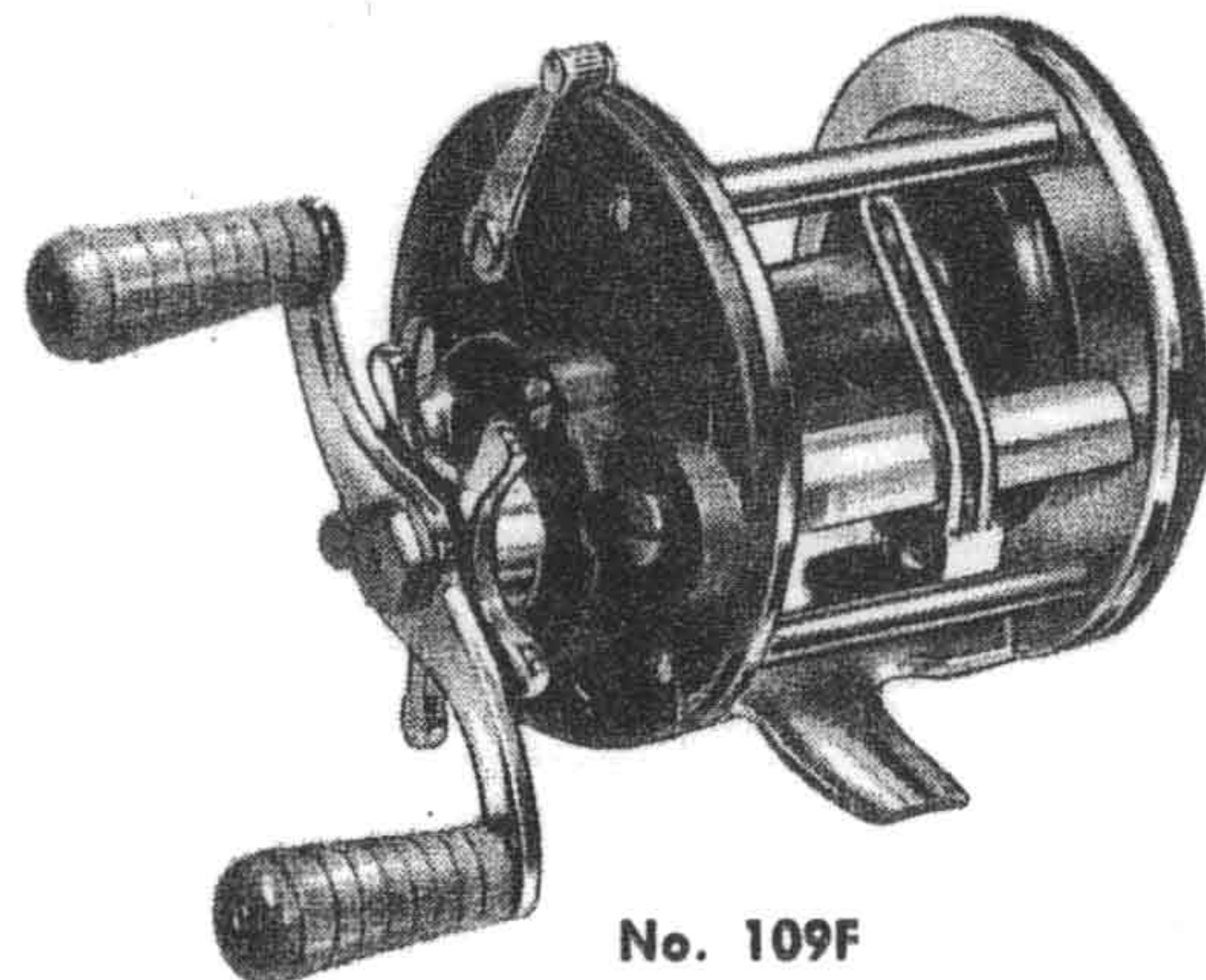


No. 9M

PEERLESS MONOFIL Level-Wind Reels

Gear Ratio 3 to 1, Star Drag, Free Spool Action, Spare Pawl, Precision-Fitted Spools, Positive Level-wind Mechanism.

No. 9F	2 $\frac{3}{8}$ " Reel Stand, Plastic Spool, 300 yd. cap. Wt. 11 oz.	\$13.50
No. 9S	As above, with 2 $\frac{1}{16}$ " Reel Stand for Saltwater Rods	13.50
No. 9MF	2 $\frac{3}{8}$ " Reel Stand, Metal Spool, 350 yd. cap. Wt. 12 oz.	14.50
No. 9MS	As above, with 2 $\frac{1}{16}$ " Reel Stand for Saltwater Rods	14.50
	Left hand models extra.....	\$ 4.00

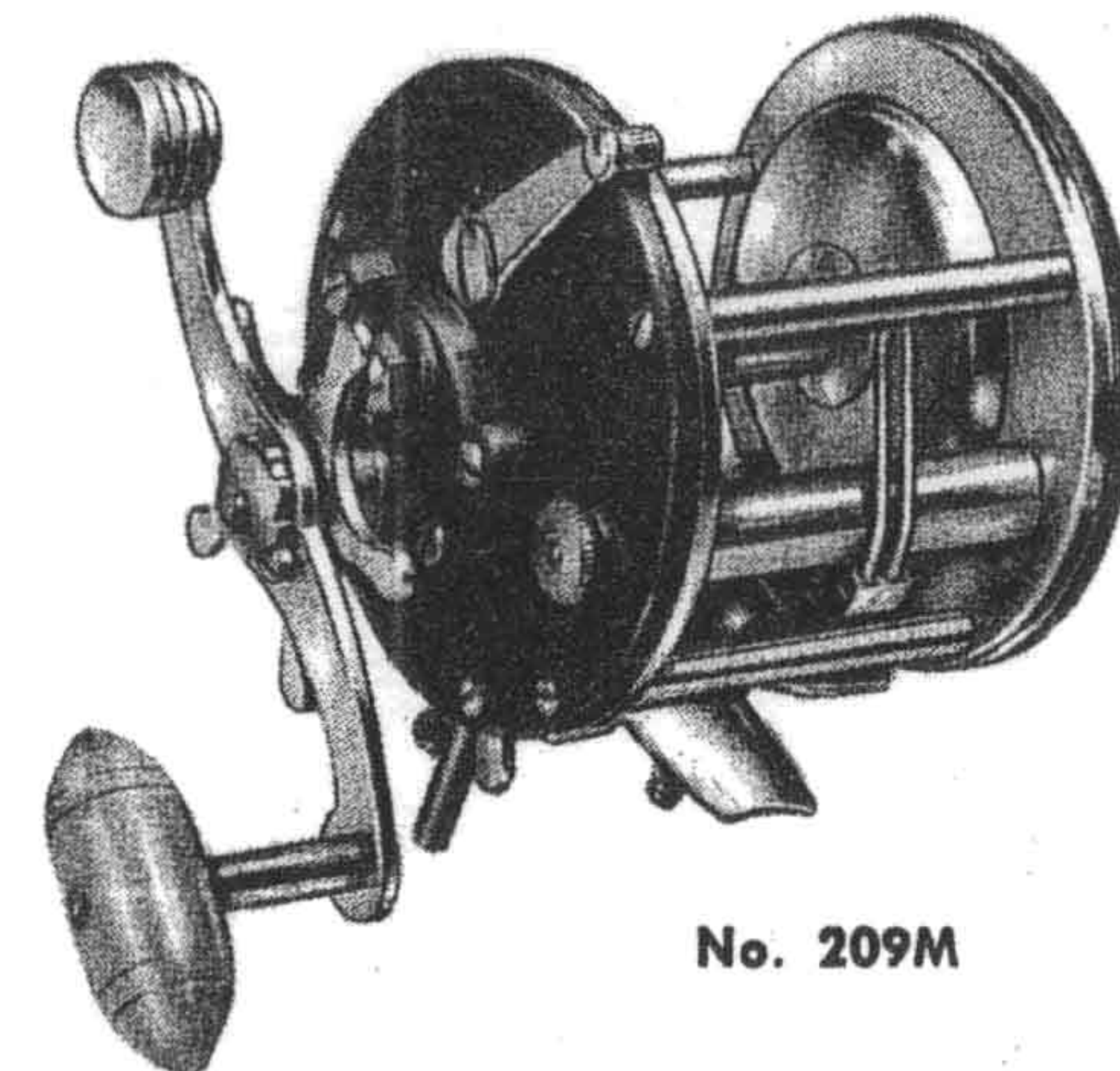


No. 109F

PEER MONOFIL Level-Wind Reels

Gear Ratio 3 $\frac{3}{4}$ to 1, Star Drag, Spare Pawl, Precision-Fitted Spools, Positive Level-wind Mechanism.

	List Price
No. 109F 2 $\frac{3}{8}$ " Reel Stand, Plastic Spool, 300 yd. cap. Wt. 11 oz.	\$12.00
No. 109S As above, with 2 $\frac{1}{16}$ " Reel Stand for Saltwater Rods	12.00
No. 109MF 2 $\frac{3}{8}$ " Reel Stand, Metal Spool, 350 yd. cap. Wt. 12 oz.	12.95
No. 109MS As above, with 2 $\frac{1}{16}$ " Reel Stand for Saltwater Rods	12.95
Left hand models extra.....	\$ 4.00



No. 209M

PEER MONOFIL SR. Level-Wind Reels

Gear Ratio 3 to 1, Star Drag, Free Spool Action, Spare Pawl, Precision-Fitted Spool, Positive Level-wind Mechanism.

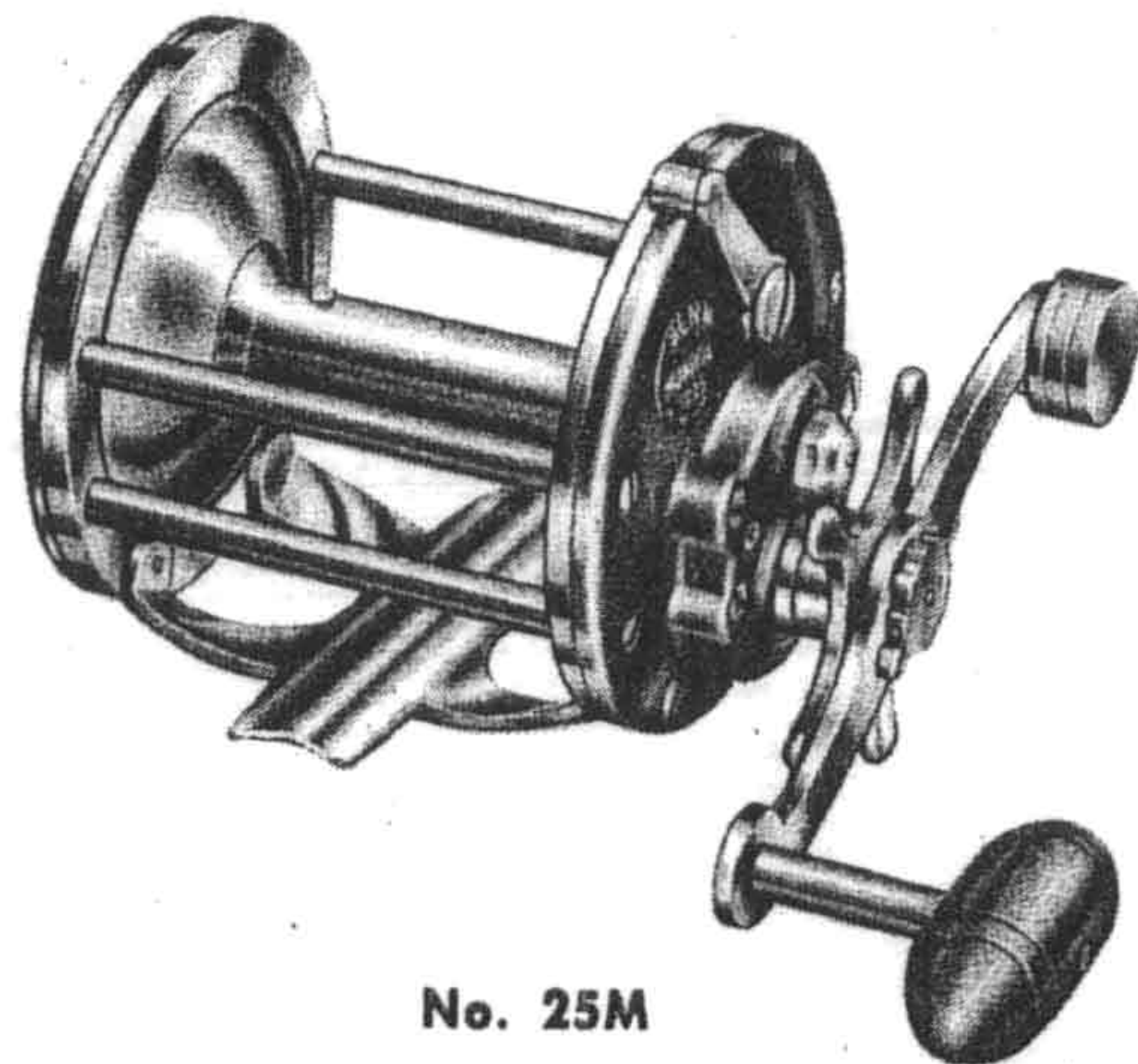
No. 209	Plastic Spool, 500 yd. cap., Wt. 18 $\frac{1}{2}$ oz.	List Price \$14.95
No. 209M	Metal Spool, 600 yd. cap., Wt. 19 $\frac{1}{2}$ oz.	15.95
	Left hand models extra.....	\$ 4.00

®The name "Monofil" is registered in U. S. Patent Office.

ALL CAPACITIES SHOWN ARE APPROXIMATE AND BASED ON 15 LB. MONOFILAMENT

Monofil.® CONVENTIONAL REELS

Penn Monofil Reels provide the advantages and thrills of fishing with light lines, lures and tackle—plus the **LANDING POWER** of conventional star drag reels, to bring in fighting fish.



No. 25M

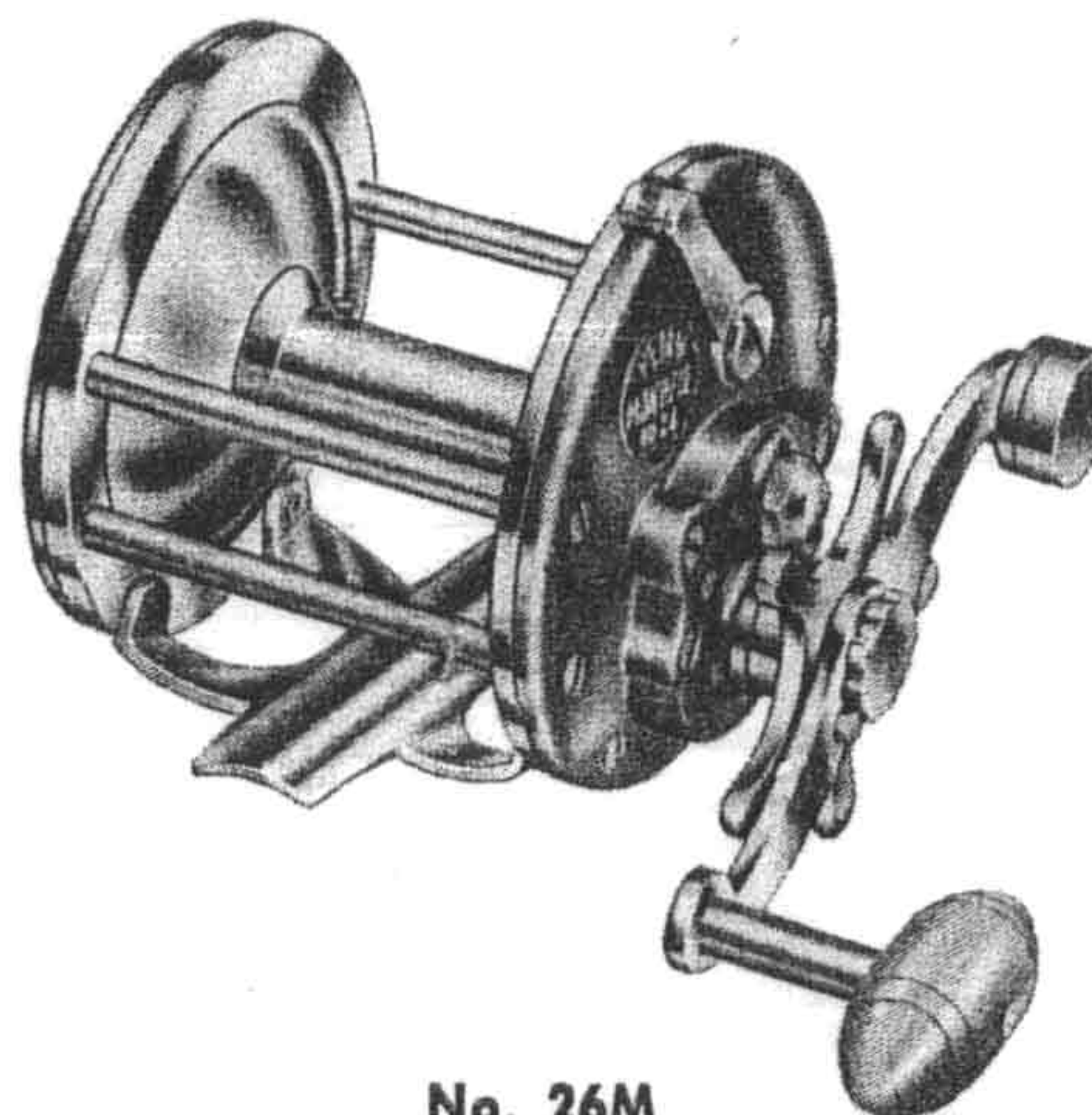
MONOFIL MODEL #25

Gear Ratio 3 to 1, Star Drag, Free Spool Action, Chrome Plated, Precision - Fitted Spool.

List Price

No. 25	Plastic Spool, 550 yd. cap.,	
	Wt. 15 oz.	\$11.50
No. 25M	Metal Spool, 650 yd. cap.,	
	Wt. 16 oz.	12.50

Left hand models extra..... \$ 1.50



No. 26M

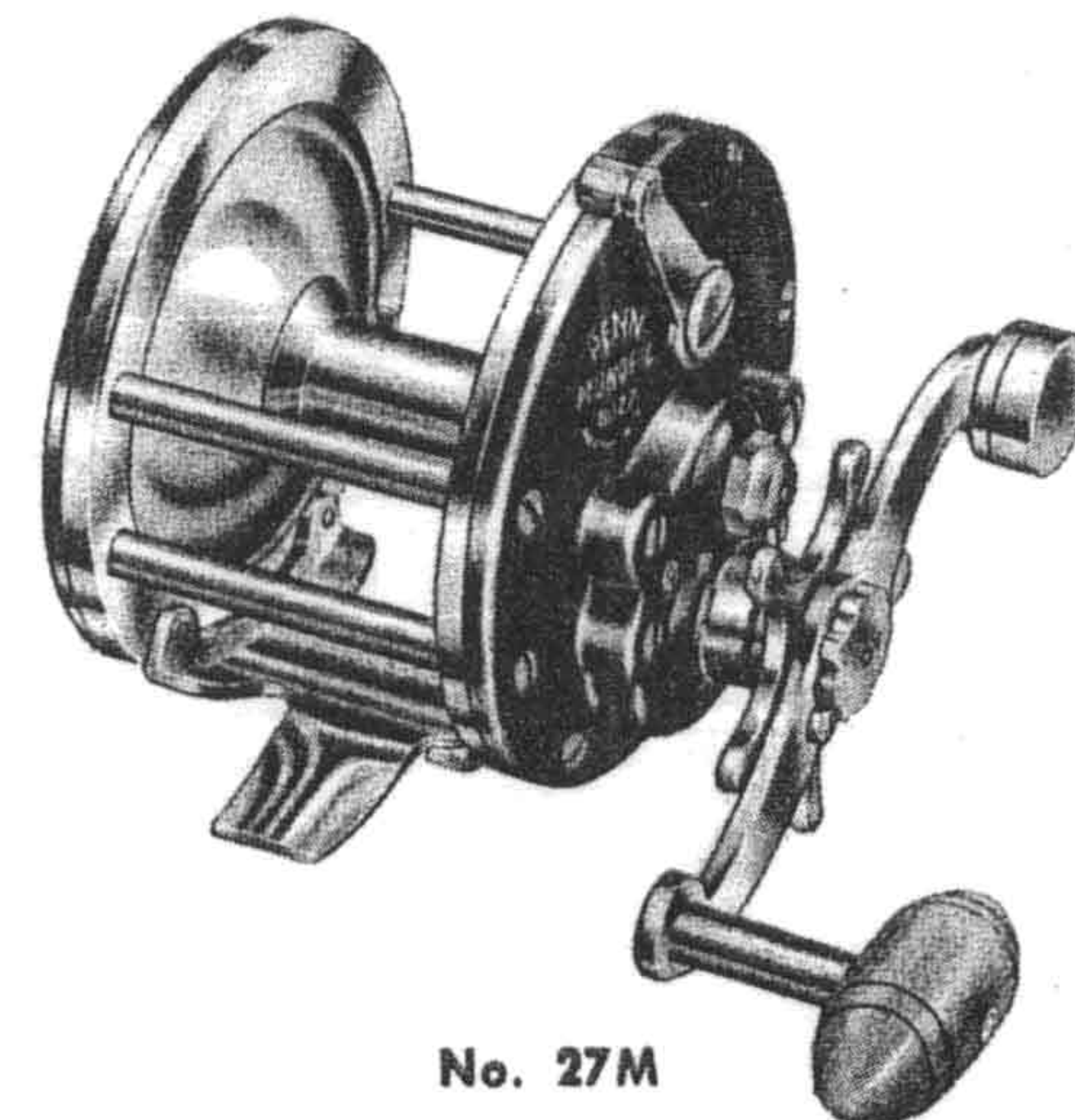
MONOFIL MODEL #26

Gear Ratio 3 to 1, Star Drag, Free Spool Action, Chrome Plated, Precision - Fitted Spool.

List Price

No. 26	Plastic Spool, 500 yd. cap.,	
	Wt. 13½ oz.	\$10.50
No. 26M	Metal Spool, 600 yd. cap.,	
	Wt. 15 oz.	11.50

Left hand models extra..... \$ 1.50



No. 27M

MONOFIL MODEL #27

Gear Ratio 3 to 1, Star Drag, Free Spool Action, Chrome Plated, Precision - Fitted Spool.

List Price

No. 27F	2⅜" Reel Stand, Plastic Spool,	
	200 yd. cap. Wt. 12½ oz.	\$ 9.50
No. 27S	As above, with 2⅞" Reel Stand	
	for Saltwater Rods	9.50
No. 27MF	2⅜" Reel Stand, Metal Spool,	
	300 yd. cap. Wt. 13½ oz.	10.50
No. 27MS	As above, with 2⅞" Reel	
	Stand for Saltwater Rods	10.50
	Left hand models extra.....	\$ 1.50

We recommend using #9 linen line as backing on these reels, to help cushion the pressure developed by monofilament line retrieved under tension.

PENN ACCESSORIES



PENN REEL LUBE

These handy tubes contain a lubricant which is equally effective for gears, shafts, and ball bearings. Penn Reels are equipped with self-sealing lubricating nipples, to insure thorough lubrication.

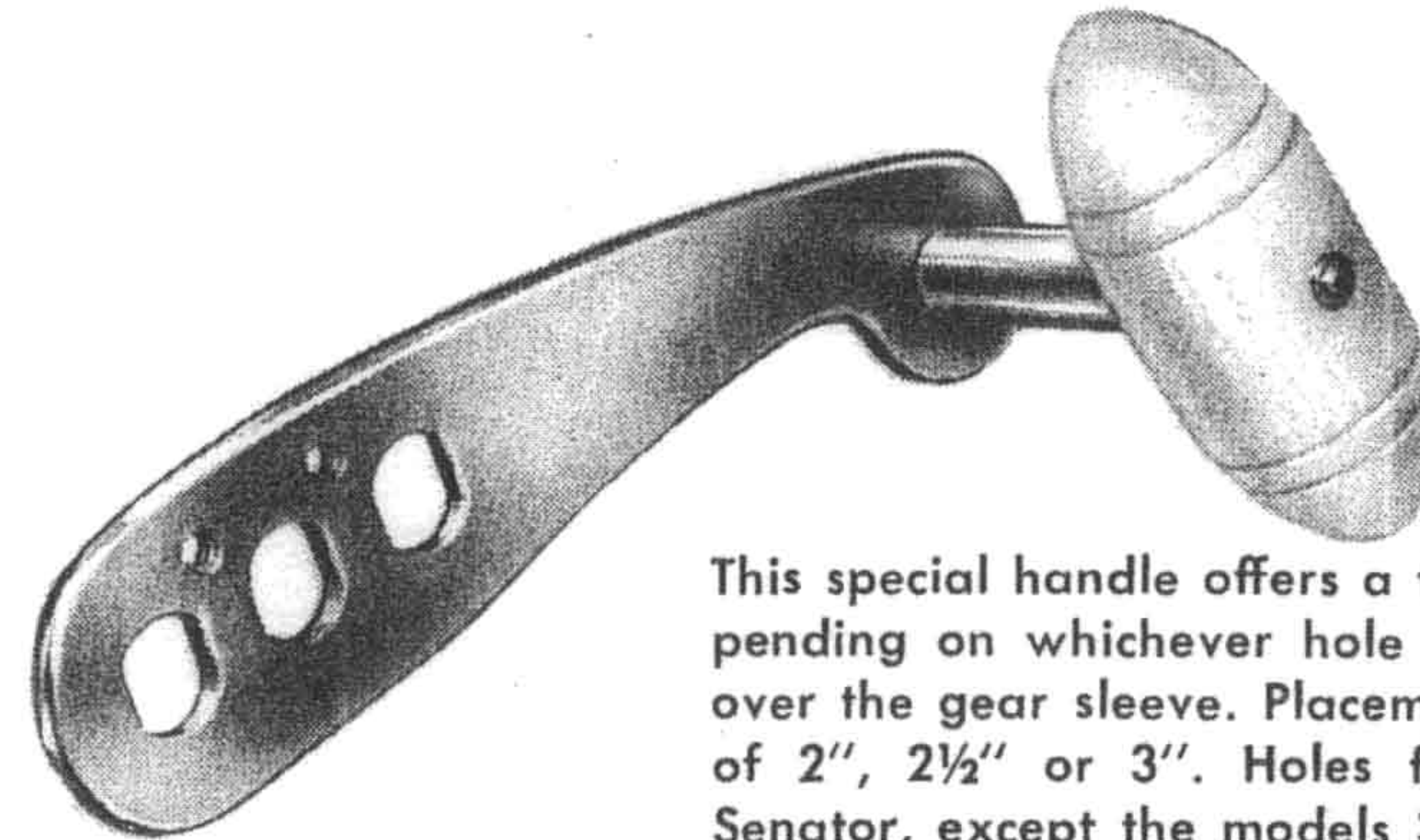
No. 24 Standard Size Price 15¢ each

No. 224 Large Size Price 25¢ each

NEW! — PENN TROPICAL LUBE

Particularly well suited for hot weather. Will not run or leak. Adheres to gears.

No. 223 Large Size Price 25¢ each



PENN CONVERTIBLE 3-IN-1 HANDLE

This special handle offers a fisherman a choice of leverage, depending on whichever hole of the handle is used and placed over the gear sleeve. Placement of holes allows for a leverage of 2", 2½" or 3". Holes fit all PENN reels up to the 4/0 Senator, except the models 349 and 349H.

On reels suitable for 1⅞" torpedo knob use Handle 24-55 Price each \$2.00

On reels suitable for "big-fisted" 2½" torpedo knob use Handle 24-56 Price each \$2.25

Overall dimensions of both handles are identical. The size of knobs, only, is different.

No. 24-57 2 hole handle for #114 and #115 Price each \$3.00

PENN REEL PARTS KITS

Ideal for dealers and reel repairmen.

PARTS KIT NO. 6 Compartmented plastic box contains an assortment of small parts for all Penn Reels, except Senator reels sizes 6/0 to 16/0. Each \$20.00

PARTS KIT NO. 4 For Penn Level-Wind models. Compartmented plastic box contains a special assortment of parts for Penn models No. 9, 109 and 209 reels

Each \$20.00

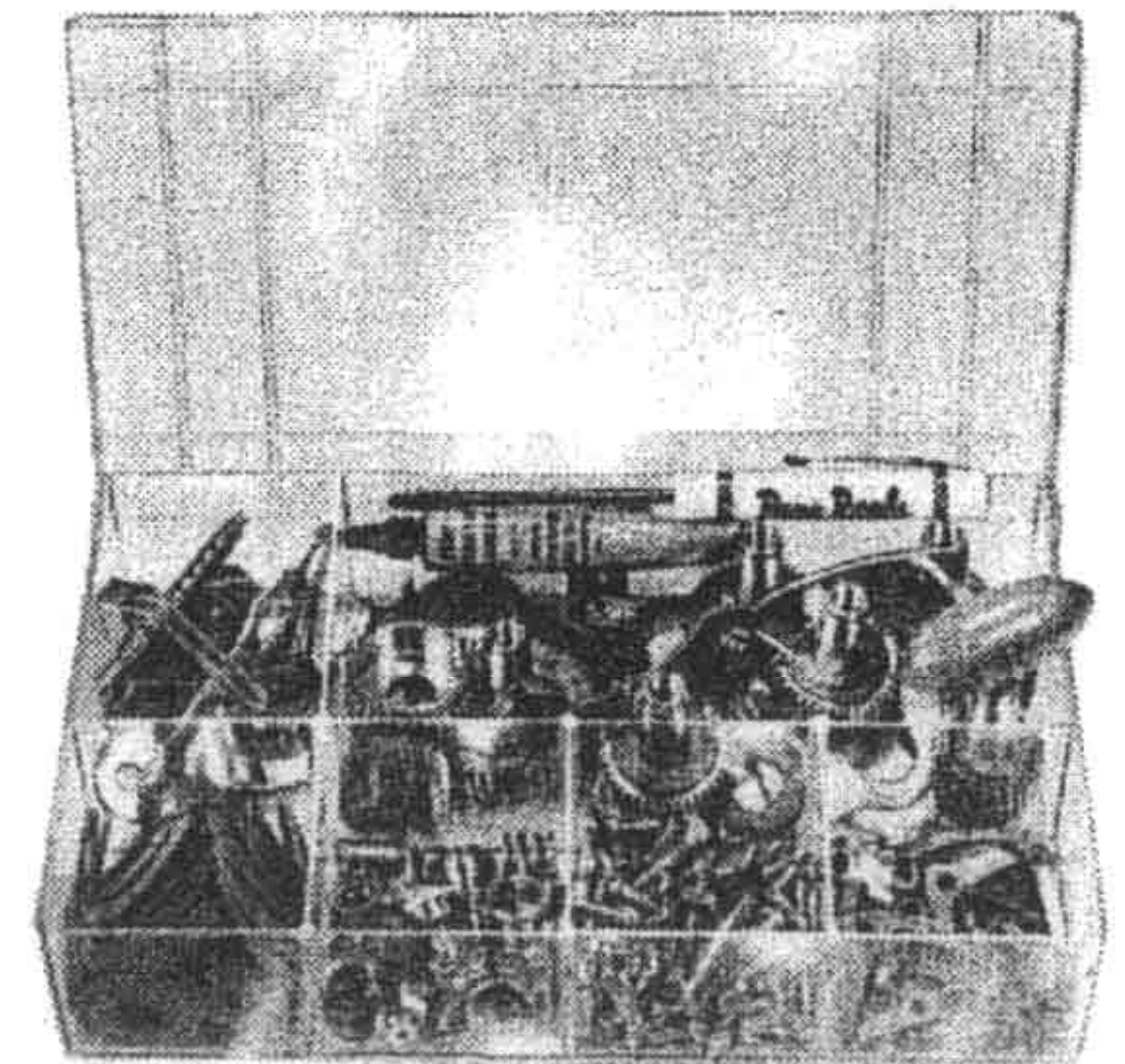
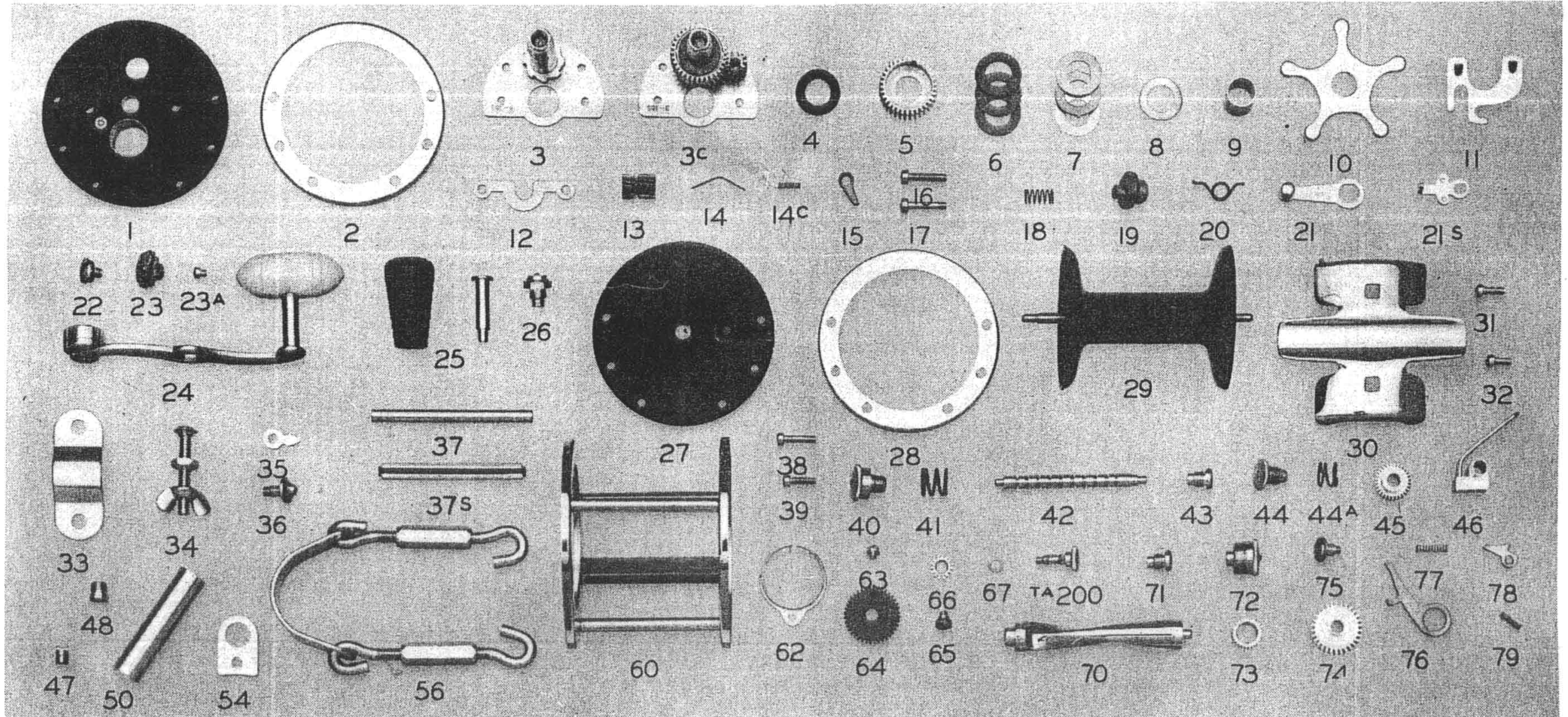


ILLUSTRATION OF PARTS FOR PENN REELS

COMPLETE LIST ON PAGES 20 TO 28. SEE INSTRUCTIONS "HOW TO ORDER PARTS" ON PAGE 29



PENN REEL PARTS No. 1 TO No. 4

SEE FOOTNOTES ON PAGE 29

Reel No.	No. 1 Right Side Plate		No. 2 Right Side Ring		No. 3 Gear Bridge with Sleeve		No. 3C Bridge Comp. with Pinion		No. 4 Red Fibre Washer	
	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each
9	1-9	.90	2-109	.50	3-9	1.00	3C-9	2.40	4-155	.03
25	1-25	1.00	2-155	.50	3-155	1.00	3C-155	2.40	4-155	.03
26	1-26	1.00	2-155	.50	3-155	1.00	3C-155	2.40	4-155	.03
27	1-27	1.00	2-155	.50	3-155	1.00	3C-155	2.40	4-155	.03
49	1-149	1.25	2-49★	1.00	3-49	1.25	3C-49	3.55	4-60	.03
60	1-60	.75	2-60	.60	3-60	1.00	3C-60	2.50	4-60	.03
65	1-65	.75	2-60	.60	3-60	1.00	3C-60	2.50	4-60	.03
66	1-66	.90	2-66	.75	3-66	1.25	3C-66	3.15	4-60	.03
67	1-67	1.00	2-66	.75	3-66	1.25	3C-66	3.15	4-60	.03
68	1-68	1.00	2-66	.75	3-66	1.25	3C-66	3.15	4-60	.03
77	1-77	.50	.....	..	.....	...	.....	...	.....	..
78	1-78	.75	.....	..	3-78	.50	.....	...	.....	..
79	1-79	.75	.....	..	3-78	.50	.....	...	.....	..
85	1-85	.75	.....	..	3-85	1.00	3C-85	2.50	4-155	.03
99	1-99	1.50	2-99	1.25	3-99	1.25	3C-99	3.00	4-60	.03
100	1-100	1.50	2-200	1.25	3-200	1.25	3C-200	3.00	4-60	.03
109	1-109	.90	2-109	.50	3-109	.80	3C-109	2.20	4-155	.03
110	1-110	.75	2-110★	.60	3-99	1.25	3C-99	3.00	4-60	.03
111	1-111	.75	2-111★	.60	3-66	1.25	3C-66	3.15	4-60	.03
112	1-112	1.00	2-111★	.60	3-66	1.25	3C-66	3.15	4-60	.03
113	1-113	1.25	2-113★	1.00	3-113	1.50	3C-113	3.83	4-60	.03
114	1-114	1.50	2-114★	1.25	3-114	2.25	3C-114	5.42	4-114	.10
115	1-115	2.50	2-115★	1.50	3-115	2.50	3C-115	6.06	4-115	.10
116A	1-116A	3.50	2-116★	2.00	3-116	3.00	3C-116	8.76	4-116	.10
116	1-116	3.50	2-116★	2.00	3-116	3.00	3C-116	8.76	4-116	.10
117	1-117	5.00	2-117★	2.40	3-117	5.00	3C-117	11.71	4-117	.10
118	1-118	5.00	2-117★	2.40	3-117	5.00	3C-117	11.71	4-117	.10
130	1-130	1.25	2-130	1.00	3-130	1.25	3C-130	3.62	4-130	.05
140	1-140	1.50	2-200	1.25	3-200	1.25	3C-140	3.00	4-155	.03
145	1-145	1.50	2-200	1.25	3-200	1.25	3C-140	3.00	4-155	.03
149	1-149	1.25	2-49	1.00	3-149	1.25	3C-149	2.90	4-60	.03
150	1-150	1.50	2-200	1.25	3-200	1.25	3C-200	3.00	4-155	.03
155	1-155	.75	2-155	.50	3-155	1.00	3C-155	2.40	4-155	.03
160	1-160	.75	2-155	.50	3-155	1.00	3C-155	2.40	4-155	.03
165	1-165	.75	2-155	.50	3-165	.75	3C-165	1.80	...	..
180	1-180	.75	2-155	.50	3-155	1.00	3C-155	2.40	4-155	.03
185	1-185	.75	2-155	.50	3-165	.75	3C-165	1.80	...	..
200	1-200	1.50	2-200	1.25	3-200	1.25	3C-200	3.00	4-155	.03
209	1-209	1.00	2-209	.60	3-155	1.00	3C-155	2.40	4-155	.03
250	1-250	1.50	2-250	1.25	3-99	1.25	3C-99	3.00	4-60	.03
259	1-259	.75	2-110★	.60	3-99	1.25	3C-99	3.00	4-60	.03
285	1-285	.75	.....	..	3-60	1.00	3C-60	2.50	4-60	.03
350	1-350	1.25	2-350	.75	3-155	1.00	3C-155	2.40	4-155	.03
349	1-349#	1.50	2-349★	1.00	3-349	2.25	3C-349	5.41	4-349	.05
349H	1-349H#1.50		2-349★	1.00	3-349	2.25	3C-349H	5.66	4-349	.05
500	1-500	1.50	2-250	1.25	3-500	1.75	3C-500	3.50	4-250	.03

PENN REEL PARTS No. 5 TO No. 10

SEE FOOTNOTES ON PAGE 29

Reel No.	No. 5 Main Gear		No. 6 Drag Washer		No. 7 Metal Disk Set		No. 8 Tension Spring		No. 9 Spacing Sleeve		No. 10 Drag Star	
	Part No.	Price Each	Part No.	Price Each	Part No.	Price Per Set	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each
9	5-109	.50	6-155	.03	7-155	.18	8-60	.10	9-60	.15	10-180	.50
25	5-155	.50	6-155	.03	7-155	.18	8-60	.10	9-60	.15	10-60	.50
26	5-155	.50	6-155	.03	7-155	.18	8-60	.10	9-60	.15	10-60	.50
27	5-155	.50	6-155	.03	7-155	.18	8-60	.10	9-60	.15	10-60	.50
49	5-49	1.00	6-49	.04	7-49	.30	8-60	.10	9-60	.15	10-49	.75
60	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
65	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
66	5-66	.75	6-60	.03	7-66	.30	8-60	.10	9-66	.20	10-66	.75
67	5-66	.75	6-60	.03	7-66	.30	8-60	.10	9-66	.20	10-66	.75
68	5-66	.75	6-60	.03	7-66	.30	8-60	.10	9-66	.20	10-66	.75
77	5-77	.50	....	..	....	..	....	..	....	..	....	..
78	5-78	.50	....	..	....	..	....	..	....	..	....	..
79	5-78	.50	....	..	....	..	....	..	....	..	....	..
85	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
99	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
100	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
109	5-109	.50	6-155	.03	7-155	.18	8-60	.10	9-60	.15	10-180	.50
110	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
111	5-66	.75	6-60	.03	7-66	.30	8-60	.10	9-66	.20	10-60	.50
112	5-66	.75	6-60	.03	7-66	.30	8-60	.10	9-66	.20	10-60	.50
113	5-66	.75	6-113	.12	7-60	.18	8-60	.10	9-66	.20	10-66	.75
114	5-114	1.25	6-114	.14	7-114	.30	8-114	.20	9-114	.40	10-114	1.00
115	5-115	1.50	6-115	.16	7-115	.40	8-114	.20	9-115	.40	10-114	1.00
116A	5-116	2.50	6-116	.18	7-116	.60	8-116	.20	....	..	10-116	1.50
116	5-116	2.50	6-116	.18	7-116	.60	8-116	.20	....	..	10-116	1.50
117	5-117	3.00	6-117	.20	7-117	.90	8-117	.25	....	..	10-117	1.50
118	5-117	3.00	6-117	.20	7-117	.90	8-117	.25	....	..	10-117	1.50
130	5-130	1.00	6-130	.04	7-130	.30	8-130	.10	9-130	.25	10-130	.75
140	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
145	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
149	5-149	.75	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-49	.75
150	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
155	5-155	.50	6-155	.03	7-155	.18	8-60	.10	9-60	.15	10-60	.50
160	5-155	.50	6-155	.03	7-155	.18	8-60	.10	9-60	.15	10-60	.50
165	5-165	.80	....	..	....	..	....	..	....	..	....	..
180	5-155	.50	6-155	.03	7-155	.18	8-60	.10	9-60	.15	10-180	.50
185	5-165	.80	....	..	....	..	....	..	....	..	....	..
200	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
209	5-155	.50	6-155	.03	7-155	.18	8-60	.10	9-60	.15	10-60	.50
250	5-60	.50	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
259	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
285	5-60	.60	6-60	.03	7-60	.18	8-60	.10	9-60	.15	10-60	.50
350	5-155	.50	6-155	.03	7-155	.18	8-60	.10	9-60	.15	10-60	.50
349	5-349	1.25	6-349	.15	7-349	.50	8-349	.15	9-349	.50	10-349	1.00
349H	5-349H	1.50	6-349H	.15	7-349H	.50	8-349	.15	9-349	.50	10-349	1.00
500	5-500	.75	6-500	.03	7-500	.18	8-60	.10	9-60	.15	10-60	.50

PENN REEL PARTS No. 11 TO No. 15

SEE FOOTNOTES ON PAGE 29

Reel No.	No. 11 Eccentric Jack		No. 12 Pinion Yoke		No. 13 Pinion Gear		No. 14◇ Dog Spring		No. 15 Dog	
	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each
9	11-9	.20	12-9	.16	13-9	.50	14-9	.03	15-9	.15
25	11-155	.20	12-155	.16	13-155	.50	14-155	.03	15-155	.15
26	11-155	.20	12-155	.16	13-155	.50	14-155	.03	15-155	.15
27	11-155	.20	12-155	.16	13-155	.50	14-155	.03	15-155	.15
49	11-49	.20	12-60	.16	13-49	.75	14-60	.03	15-49	.20
60	11-60	.20	12-60	.16	13-60	.50	14-99	.03	15-99	.15
65	11-60	.20	12-60	.16	13-60	.50	14-99	.03	15-99	.15
66	11-66	.20	12-60	.16	13-66	.75	14-99	.03	15-99	.15
67	11-66	.20	12-60	.16	13-66	.75	14-99	.03	15-99	.15
68	11-66	.20	12-60	.16	13-66	.75	14-99	.03	15-99	.15
77	.....	..	.....	..	13-77	.30	.....	..	.....	..
78	11-78	.20	12-60	.16	13-60	.50	.....	..	.....	..
79	11-60	.20	12-60	.16	13-60	.50	.....	..	.....	..
85	11-60	.20	12-60	.16	13-60	.50	14-60	.03	15-85	.15
99	11-99	.20	12-99	.16	13-99	.75	14-99	.03	15-99	.15
100	11-200	.20	12-155	.16	13-200	.60	14-155	.03	15-200	.15
109	.....	..	.....	..	13-109	.50	14-109	.03	15-109	.15
110	11-110	.20	12-110	.16	13-99	.75	14-60	.03	15-60	.15
111	11-60	.20	12-60	.16	13-66	.75	14-99	.03	15-99	.15
112	11-60	.20	12-60	.16	13-66	.75	14-99	.03	15-99	.15
113	11-130□	.20	12-113	.20	13-113	.75	14-99	.03	15-99	.15
114	11-114	.60	12-114	.30	13-114	.90	14-114	.04	15-114	.20
115	11-115	.60	12-114	.30	13-115	.90	14-116	.04	15-115	.25
116A	11-116	.80	12-116	.50	13-116	1.50	14-116	.04	15-116	.30
116	11-116	.80	12-116	.50	13-116	1.50	14-116	.04	15-116	.30
117	11-116	.80	12-116	.50	13-117	1.50	14-117	.05	15-117	.35
118	11-116	.80	12-116	.50	13-117	1.50	14-117	.05	15-117	.35
130	11-130	.20	12-60	.16	13-130	.75	14-130	.03	15-130	.15
140	11-200	.20	12-155	.16	13-140	.75	14-140	.03	15-140	.20
145	11-200	.20	12-155	.16	13-140	.75	14-140	.03	15-140	.20
149	11-49	.20	12-113	.16	13-149	.75	14-60	.03	15-149	.15
150	11-200	.20	12-155	.16	13-200	.75	14-155	.03	15-200	.15
155	11-155	.20	12-155	.16	13-155	.50	14-155	.03	15-155	.15
160	11-155	.20	12-155	.16	13-155	.50	14-155	.03	15-155	.15
165	11-155	.20	12-155	.16	13-155	.50	.....	..	.....	..
180	11-155	.20	12-155	.16	13-155	.50	14-155	.03	15-155	.15
185	11-155	.20	12-155	.16	13-155	.50	.....	..	.....	..
200	11-200	.20	12-155	.16	13-200	.75	14-155	.03	15-200	.15
209	11-155	.20	12-155	.16	13-155	.50	14-99	.03	15-209	.15
250	11-99	.20	12-99	.16	13-99	.75	14-60	.03	15-60	.15
259	11-110	.20	12-110	.16	13-99	.75	14-60	.03	15-60	.15
285	11-60	.20	12-60	.16	13-60	.50	14-60	.03	15-60	.15
350	11-155	.20	12-155	.16	13-200	.75	14-99	.03	15-209	.15
349	11-349	.25	12-349	.25	13-349	.90	14-349	.15	15-349	.35
349H	11-349	.25	12-349H	.25	13-349H	.90	14-349	.15	15-349	.35
500	11-99	.20	12-99	.16	13-500	.60	14-130	.03	15-500	.15

PENN REEL PARTS No. 16 TO No. 21

SEE FOOTNOTES ON PAGE 29

Reel No.	No. 16 Bridge Screw Lower			No. 17 Bridge Screw Upper			No. 18 Clutch Spring			No. 19 Eccentric Spring			No. 20 Eccentric Spring			No. 21 Eccentric Lever		
	Part No.	Price Each		Part No.	Price Each		Part No.	Price Each		Part No.	Price Each		Part No.	Price Each		Part No.	Price Each	
9	16-9	.04		17-9	.04		18-9	.03		19-9	.30		20-109	.03		21-109	.20	
25	16-60	.04		17-60	.04		18-60	.03		19-155	.25		20-155	.03		21-155	.20	
26	16-60	.04		17-60	.04		18-60	.03		19-155	.25		20-155	.03		21-155	.20	
27	16-60	.04		17-60	.04		18-60	.03		19-155	.25		20-155	.03		21-155	.20	
49	16-60	.04		17-60	.04		18-60	.03		19-60*	.30		20-60	.03		21-49	.30	
60	16-60	.04		17-60	.04		18-60	.03		19-60	.30		20-60	.03		21-285	.20	
65	16-60	.04		17-60	.04		18-60	.03		19-60	.30		20-60	.03		21-285	.20	
66	16-60	.04		17-60	.04		18-60	.03		19-60	.30		20-60	.03		21-66	.20	
67	16-60	.04		17-60	.04		18-60	.03		19-60	.30		20-60	.03		21-66	.20	
68	16-60	.04		17-60	.04		18-60	.03		19-60	.30		20-60	.03		21-66	.20	
77	.....	..		.....	..		.....	..		.....	..		.....	..		.....	..	
78	16-78	.04		.....	..		18-60	.03		19-60	.30		20-60	.03		21-66	.20	
79	16-78	.04		.....	..		18-60	.03		19-60	.30		20-60	.03		21-285	.20	
85	16-60	.04		17-60	.04		18-60	.03		19-60	.30		20-60	.03		21-285	.20	
99	16-60	.04		17-60	.04		18-60	.03		19-110	.30		20-60	.03		21-66	.20	
100	16-60	.04		17-60	.04		18-60	.03		19-200	.30		20-155	.03		21-200	.20	
109	16-60	.04		.....	..		.....	..		19-109	.20		20-109	.03		21-109	.20	
110	16-60	.04		17-60	.04		18-60	.03		19-110	.30		20-60	.03		21-66	.20	
111	16-60	.04		17-60	.04		18-60	.03		19-110	.30		20-60	.03		21-66	.20	
112	16-60	.04		17-60	.04		18-60	.03		19-110	.30		20-60	.03		21-66	.20	
113	16-60	.04		17-60	.04		18-60	.03		19-113	.40		20-155	.03		21-66	.20	
114	16-114	.06		17-114	.06		18-114	.06		19-114	.45		20-114	.15		21-114	.40	
115	16-114	.06		17-114	.06		18-114	.06		19-115	.50		20-114	.15		21-114	.40	
116A	16-114	.06		17-114	.06		18-114	.06		19-115	.50		20-114	.15		21-114	.40	
116	16-114	.06		17-114	.06		18-114	.06		19-115	.50		20-114	.15		21-114	.40	
117	16-114	.06		17-114	.06		18-114	.06		19-115	.50		20-114	.15		21-117	.50	
118	16-114	.06		17-114	.06		18-114	.06		19-115	.50		20-114	.15		21-117	.50	
130	16-60	.04		17-60	.04		18-349	.03		19-130	.30		20-155	.03		21-130	.30	
140	16-60	.04		17-60	.04		18-60	.03		19-200*	.30		20-155	.03		21-200†	.20	
145	16-60	.04		17-60	.04		18-60	.03		19-200*	.30		20-155	.03		21-200†	.20	
149	16-60	.04		17-60	.04		18-60	.03		19-60	.30		20-60	.03		21-49	.30	
150	16-60	.04		17-60	.04		18-60	.03		19-200	.30		20-155	.03		21-200	.20	
155	16-60	.04		17-60	.04		18-60	.03		19-155	.25		20-155	.03		21-155	.20	
160	16-60	.04		17-60	.04		18-60	.03		19-155	.25		20-155	.03		21-155	.20	
165	16-60	.04		17-60	.04		18-60	.03		19-155	.25		20-155	.03		21-155	.20	
180	16-60	.04		17-60	.04		18-60	.03		19-155	.25		20-155	.03		21-155	.20	
185	16-60	.04		17-60	.04		18-60	.03		19-155	.25		20-155	.03		21-155	.20	
200	16-60	.04		17-60	.04		18-60	.03		19-200	.30		20-155	.03		21-200	.20	
209	16-60	.04		17-60	.04		18-60	.03		19-209	.30		20-155	.03		21-209	.20	
250	16-60	.04		17-60	.04		18-60	.03		19-110	.30		20-60	.03		21-66	.20	
259	16-60	.04		17-60	.04		18-60	.03		19-110	.30		20-60	.03		21-66	.20	
285	16-60	.04		17-60	.04		18-60	.03		19-60	.30		20-60	.03		21-285	.20	
350	16-60	.04		17-60	.04		18-60	.03		19-350	.30		20-155	.03		21-285	.20	
349	16-60	.04		17-60	.04		18-349	.03		19-60*	.30		20-60	.03		21-49	.30	
349H	16-60	.04		17-60	.04		18-349	.03		19-60*	.30		20-60	.03		21-49	.30	
500	16-60	.04		17-60	.03		18-60	.03		19-110	.30		20-60	.03		21-66	.20	

PENN REEL PARTS No. 22 TO No. 25

SEE FOOTNOTES ON PAGE 29

Reel No.	No. 22 Eccentric Screw		No. 23 Handle Screw		No. 23A Handle Lock Screw		No. 24 Handle Complete		No. 25 Knob, Rivet and Oiler	
	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Per Set
9	22-109	.05	23-60	.25	23A-60	.03	24-160	1.20	25-160	.60
25	22-60	.05	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
26	22-60	.05	23-60	.25	23A-60	.03	24-160	1.20	25-160	.60
27	22-60	.05	23-60	.25	23A-60	.03	24-160	1.20	25-160	.60
49	22-60	.05	23-60	.25	23A-60	.03	24-49	1.50	25-49	.75
60	22-60	.05	23-60	.25	23A-60	.03	24-66	1.20	25-66	.60
65	22-60	.05	23-60	.25	23A-60	.03	24-66	1.20	25-66	.60
66	22-60	.05	23-60	.25	23A-60	.03	24-66	1.20	25-66	.60
67	22-60	.05	23-60	.25	23A-60	.03	24-66	1.20	25-66	.60
68	22-60	.05	23-60	.25	23A-60	.03	24-66	1.20	25-66	.60
77	.....	..	23-85	.15	.....	..	24-77	.80	.....	..
78	22-60	.05	23-85	.15	.....	..	24-85	.80	25-85	.25
79	22-60	.05	23-85	.15	.....	..	24-85	.80	25-85	.25
85	22-60	.05	23-85	.15	.....	..	24-85	.80	25-85	.25
99	22-99	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
100	22-99	.20	23-60	.25	23A-60	.03	24-160	1.20	25-160	.60
109	22-109	.05	23-180	.25	.....	..	24-109	1.00	25-109	.50
110	22-99	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
111	22-99	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
112	22-99	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
113	22-99	.20	23-60	.25	23A-60	.03	24-66	1.20	25-66	.60
114	23-60	.25	23-116	.45	23A-60	.03	24-114	2.20	25-114	1.30
115	23-60	.25	23-116	.45	23A-60	.03	24-115	2.75	25-115	1.80
116A	23-60	.25	23-116	.45	23A-60	.03	24-116	3.00	25-116	1.80
116	23-60	.25	23-116	.45	23A-60	.03	24-116	3.00	25-116	1.80
117	23-60	.25	23-116	.45	23A-60	.03	24-117	4.00	25-117	2.50
118	23-60	.25	23-116	.45	23A-60	.03	24-117	4.00	25-117	2.50
130	22-60	.05	23-60	.25	23A-60	.03	24-49	1.50	25-49	.75
140	22-99△	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
145	22-99△	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
149	22-60	.05	23-60	.25	23A-60	.03	24-49	1.50	25-49	.75
150	22-99	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
155	22-60	.05	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
160	22-60	.05	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
165	22-60	.05	23-60	.25	23A-60	.03	24-160	1.20	25-160	.60
180	22-60	.05	23-180	.25	.....	..	24-180	1.00	25-180	.25
185	22-60	.05	23-180	.25	.....	..	24-180	1.00	25-180	.25
200	22-99	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
209	22-60	.05	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
250	22-99	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
259	22-99	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
285	22-60	.05	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
350	22-99	.20	23-60	.25	23A-60	.03	24-155	1.20	25-155	.60
349	22-60	.05	23-114	.45	23A-60	.03	24-349	2.00	25-49	.75
349H	22-60	.05	23-114	.45	23A-60	.03	24-349H	2.25	25-114	1.30
500	22-99	.20	23-60	.25	23A-60	.03	24-66	1.20	25-66	.60

PENN REEL PARTS No. 26 TO No. 30

SEE FOOTNOTES ON PAGE 29

Reel No.	No. 26 Right Side Bearing		No. 27 Left Side Plate		No. 28 Left Side Ring		No. 29 Plastic Spool		No. 29M Metal Spool		No. 30 Reel Stand	
	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each
9	26-9	.30	27-9	1.15	28-109	.50	29-9	1.60	29M-9	2.40	30-109†	1.20
25	26-155	.30	27-25	1.00	2-155	.50	29-25	1.50	29M-25	2.25	30-155	1.20
26	26-155	.30	27-26	1.00	2-155	.50	29-26	1.50	29M-26	2.20	30-65	1.20
27	26-155	.30	27-27	1.00	2-155	.50	29-27	1.50	29M-27	2.20	30-180†	1.20
49	26-60	.30	27-49	1.25	28-49★	1.00	29-49	1.50	29M-49	3.25	30-49	2.20
60	26-60	.30	27-60	.75	28-60	.60	.....	...	29M-60	2.20	30-60	1.20
65	26-60	.30	27-65	.75	28-60	.60	.....	...	29M-65	2.40	30-65	1.20
66	26-60	.30	27-66	1.00	2-66	.75	.....	...	29M-66	2.50	30-66	2.20
67	26-60	.30	27-66	1.00	2-66	.75	.....	...	29M-67	2.75	30-200	2.20
68	26-60	.30	27-66	1.00	2-66	.75	.....	...	29M-68	3.00	30-68	2.20
77	....	..	27-77	.50	.....	..	29-77	1.00	.....	...	30-77	.80
78	26-60	.30	27-78	.75	.....	..	29-78	1.20	.....	...	30-78	1.00
79	26-60	.30	27-85	.75	.....	..	29-85	1.20	.....	...	30-85	1.00
85	26-60	.30	27-85	.75	.....	..	29-85	1.20	29M-85	2.00	30-85	1.00
99	26-155	.30	27-99	.90	28-99★	.60	29-99	1.20	29M-99	2.30	30-99	2.20
100	26-155	.30	27-200	.90	2-155	.50	29-100	1.20	29M-100	2.20	30-49	2.20
109	26-109	.30	27-109	.75	28-109	.50	29-109	1.20	29M-109	2.20	30-109†	1.20
110	26-155	.30	27-110	.75	28-110★	.60	.....	...	29M-110	2.20	30-49	2.20
111	26-60	.30	27-111	1.00	2-111★	.60	.....	...	29M-60	2.20	30-111	2.50
112	26-60	.30	27-111	1.00	2-111★	.60	.....	...	29M-112	2.50	30-112	2.50
113	26-60	.30	27-113	1.25	2-113★	1.00	.....	...	29M-113S	6.00	30-113	2.50
114	26-114	.50	27-114	1.50	2-114★	1.25	.....	...	29M-114S	8.50	30-114	3.50
115	26-114	.50	27-115	2.50	28-115★	1.50	.....	...	29M-115S	14.00	30-115	3.50
116A	26-116†	3.00	27-116	3.00	28-116★	2.00	.....	...	29M-116AS	18.00	30-116A	4.50
116	26-116†	3.00	27-116	3.00	28-116★	2.00	.....	...	29M-116S	20.00	30-116	4.50
117	26-117	3.50	27-117	4.00	2-117★	2.40	.....	...	29M-117	50.00	30-117	5.50
118	26-117	3.50	27-117	4.00	2-117★	2.40	.....	...	29M-118	60.00	30-118	5.50
130	26-60	.30	27-130	1.25	2-130	1.00	.....	...	29M-130S	5.50	30-130	2.50
140	26-140	2.50	27-140	1.00	28-140★	.50	29-140	1.50	29M-140	3.00	30-200	2.20
145	26-140	2.50	27-140	1.00	28-140★	.50	29-145	1.50	29M-145	2.50	30-66	2.20
149	26-60	.30	27-149	1.25	2-49	1.00	29-49	1.50	29M-49	3.25	30-149	1.20
150	26-155	.30	27-200	.90	2-155	.50	29-150	1.20	29M-150	2.20	30-66	2.20
155	26-155	.30	27-155	.75	2-155	.50	29-200	1.20	29M-200	2.25	30-155	1.20
160	26-155	.30	27-155	.75	2-155	.50	29-150	1.20	29M-150	2.20	30-65	1.20
165	26-155	.30	27-155	.75	2-155	.50	29-150	1.20	29M-150	2.20	30-65	1.20
180	26-155	.30	27-155	.75	2-155	.50	29-100	1.20	29M-100	2.20	30-180†	1.20
185	26-155	.30	27-155	.75	2-155	.50	29-100	1.20	29M-100	2.20	30-180†	1.20
200	26-155	.30	27-200	.90	2-155	.50	29-200	1.20	29M-200	2.25	30-200	2.20
209	26-155	.30	27-209	1.25	28-209	.60	29-209	1.80	29M-209	2.50	30-66	2.20
250	26-155	.30	27-250	1.00	28-250	.60	29-250	1.20	29M-250	2.40	30-200	2.20
259	26-155	.30	27-259	1.00	28-110★	.60	29-250	1.20	29M-250	2.40	30-200	2.20
285	26-60	.30	27-285	.75	.....	..	29-85	1.20	29M-60	2.20	30-60	1.20
350	26-155	.30	27-350	1.25	28-350	.75	29-350	1.50	29M-350	2.25	30-200	2.20
349	26-349	.30	27-349	1.50	28-349★	1.00	.....	...	29M-349	7.00	30-349	3.00
349H	26-349	.30	27-349	1.50	28-349★	1.00	.....	...	29M-349	7.00	30-349	3.00
500	26-155	.30	27-500	1.00	28-250	.60	29-500	1.50	29M-250	2.40	30-200	2.20

PENN REEL PARTS No. 31 TO No. 34

SEE FOOTNOTES ON PAGE 29

Reel No.	No. 31 R. S. Stand Screw		No. 32 L. S. Stand Screw		No. 33 Rod Clamp		No. 34 Clamp Screw with Nuts	
	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each
9	31-109	.03	31-109	.03	.....	..	.....	..
25	31-155	.03	32-155	.03	.....	..	.....	..
26	31-155	.03	32-155	.03	.....	..	.....	..
27	31-155	.03	32-155	.03	.....	..	.....	..
49	31-110	.03	31-110	.03	33-49	.30	34-49	.20
60	31-60	.03	31-155	.03	.....	..	.....	..
65	31-60	.03	31-155	.03	.....	..	.....	..
66	31-60	.03	31-155	.03	33-200	.30	34-200	.20
67	31-60	.03	31-155	.03	33-200	.30	34-200	.20
68	31-60	.03	31-155	.03	33-200	.30	34-200	.20
77	31-77	.03	31-77	.03	.....	..	.....	..
78	31-149	.03	31-285	.03	.....	..	.....	..
79	31-285	.03	32-155	.03	.....	..	.....	..
85	31-285	.03	32-155	.03	.....	..	.....	..
99	31-200	.03	32-110	.03	33-200	.30	34-200	.20
100	31-200	.03	31-285	.03	33-49	.30	34-49	.20
109	31-109	.03	31-109	.03	.....	..	.....	..
110	31-110	.03	32-110	.03	33-49	.30	34-49	.20
111	31-110♣	.03	32-110♣	.03	33-200	.30	34-49	.20
112	31-110♣	.03	32-110♣	.03	33-200	.30	34-200	.20
113	31-110	.03	32-110	.03	33-200	.30	34-200	.20
114	31-114	.06	32-114	.06	33-114	.60	34-200	.20
115	31-115	.06	32-115	.06	33-114	.60	34-200	.20
116A	31-115	.06	32-115	.06	33-116	.80	34-116	.40
116	31-115	.06	32-115	.06	33-116	.80	34-116	.40
117	31-115	.06	31-115	.06	33-117	1.00	34-116	.40
118	31-115	.06	31-115	.06	33-117	1.00	34-116	.40
130	31-155	.03	31-285	.03	33-200	.30	34-49	.20
140	31-200	.03	31-110	.03	33-200	.30	34-200	.20
145	31-200	.03	31-110	.03	33-200	.30	34-200	.20
149	31-149	.03	31-149	.03	.....	..	.....	..
150	31-200	.03	31-285	.03	33-200	.30	34-200	.20
155	31-155	.03	32-155	.03	.....	..	.....	..
160	31-155	.03	32-155	.03	.....	..	.....	..
165	31-155	.03	32-155	.03	.....	..	.....	..
180	31-285	.03	32-155	.03	.....	..	.....	..
185	31-285	.03	32-155	.03	.....	..	.....	..
190	31-285	.03	32-155	.03	.....	..	.....	..
200	31-200	.03	31-285	.03	33-200	.30	34-200	.20
209	31-285	.03	31-155	.03	33-200	.30	34-200	.20
249	31-149	.03	31-149	.03	.....	..	.....	..
250	31-200	.03	31-285	.03	33-200	.30	34-200	.20
259	31-110	.03	32-110	.03	33-200	.30	34-200	.20
285	31-285	.03	32-155	.03	.....	..	.....	..
350	31-285	.03	32-155	.03	33-200	.30	34-200	.20
349	31-349	.03	31-349	.03	33-49	.30	34-49	.20
349H	31-349	.03	31-349	.03	33-49	.30	34-49	.20
500	31-200	.03	31-285	.03	33-200	.30	34-200	.20

PENN REEL PARTS No. 37 TO No. 41

SEE FOOTNOTES ON PAGE 29

Reel No.	No. 37 Frame Post		No. 38 R. S. Post Screw		No. 39 L. S. Post Screw		No. 40 Left Side Bearing		No. 41 Bearing Spring	
	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each	Part No.	Price Each
9	37-109	.20	38-109	.03	38-109	.03	40-109	.40	41-109	.10
25	37-155	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
26	37-160	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
27	37-180	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
49	37-49	.20	38-49	.03	38-49	.03	40-60	.40	41-60	.10
60	37-60	.20	38-60	.03	31-60	.03	40-60	.40	41-60	.10
65	37-65	.20	38-60	.03	31-60	.03	40-60	.40	41-60	.10
66	37-65	.20	38-60	.03	31-60	.03	40-60	.40	41-60	.10
67	37-67	.20	38-60	.03	31-60	.03	40-60	.40	41-60	.10
68	37-68	.20	38-60	.03	31-60	.03	40-60	.40	41-60	.10
77	37-77	.15	31-77	.03	31-77	.03	....	..	....	..
78	37-180	.20	31-60	.03	31-60	.03	40-60	.40	41-60	.10
79	37-60	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
85	37-60	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
99	37-65	.20	38-200	.03	31-110	.03	40-60	.40	41-60	.10
100	37-180	.20	38-200	.03	31-60	.03	40-60	.40	41-60	.10
109	37-109	.20	38-109	.03	38-109	.03	40-109	.40	41-109	.10
110	37-180	.20	38-110	.03	31-110	.03	40-60	.40	41-60	.10
111	37-60	.20	38-110	.03	31-110	.03	40-60	.40	41-60	.10
112	37-67	.20	38-110	.03	31-110	.03	40-60	.40	41-60	.10
113	37-67	.20	38-110	.03	31-110	.03	40-60	.40	41-60	.10
114	37-114	.30	38-114	.06	31-115	.06	40-114	.60	41-114	.16
115	37-115	.40	38-114	.06	31-115	.06	40-114	.60	41-114	.16
116A	37-116A	.40	38-114	.06	38-114	.06	26-116	2.50	41-114	.16
116	37-116	.50	38-114	.06	38-114	.06	26-116	2.50	41-114	.16
117	37-116	.50	38-114	.06	38-114	.06	26-117	3.00	....	..
118	37-118	.60	38-114	.06	38-114	.06	26-117	3.00	....	..
130	37-130	.20	31-60	.03	31-60	.03	40-60	.40	41-60	.10
140	37-155	.20	38-200	.03	38-110	.03	40-140	3.00	....	..
145	37-160	.20	38-200	.03	38-110	.03	40-140	3.00	....	..
149	37-49	.20	38-60	.03	38-60	.03	40-60	.40	41-60	.10
150	37-160	.20	38-200	.03	31-60	.03	40-60	.40	41-60	.10
155	37-155	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
160	37-160	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
165	37-160	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
180	37-180	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
185	37-180	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
190	37-180	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
200	37-155	.20	38-200	.03	31-60	.03	40-60	.40	41-60	.10
209	37-209	.20	31-60	.03	31-60	.03	40-60	.40	41-60	.10
249	37-49	.20	38-60	.03	38-60	.03	40-60	.40	41-60	.10
250	37-155	.20	38-200	.03	31-60	.03	40-60	.40	41-60	.10
259	37-155	.20	38-110	.03	31-110	.03	40-60	.40	41-60	.10
285	37-60	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
350	37-155	.20	31-60	.03	31-155	.03	40-60	.40	41-60	.10
349	35-114	.16	38-49	.03	38-49	.03	40-349	.40	41-60	.10
349H	35-114	.16	38-49	.03	38-49	.03	40-349	.40	41-60	.10
500	37-155	.20	38-200	.03	31-60	.03	40-60	.40	41-60	.10

ILLUSTRATION OF PARTS ON PAGE 19.

Reel No.	No. 42 Worm		No. 43 R. S. Worm Bearing		No. 44 L. S. Worm Bearing		No. 44A L. S. Worm Bearing Spring		No. 45 Worm Gear	
	Part No.	Price	Part No.	Price	Part No.	Price	Part No.	Price	Part No.	Price
9	42-109	.40	43-9	.30	43-109	.30	44A-109	.10	45-9	.30
109	42-109	.40	43-109	.30	44-109	.30	44A-109	.10	45-109	.30
209	42-209	.50	44-109	.30	43-109	.30	44A-109	.10	45-209	.30

No. 46 Line Guide	No. 46C Level-wind Complete		No. 47 Pawl		No. 48 Pawl Cover Screw		No. 50 Worm Shield		No. 37S Slotted Line Guide Post	
	Part No.	Price	Part No.	Price	Part No.	Price	Part No.	Price	Part No.	Price
46-9	46C-9	1.10	47-109	.10	48-109	.10	50-109	.30	37S-109	.30
46-109	46C-109	1.10	47-109	.10	48-109	.10	50-109	.30	37S-109	.30
46-209	46C-209	1.20	47-109	.10	48-109	.10	50-209	.40	37S-209	.40

Reel No.	No. 61 Complete Frame		No. 62 Click Spring		No. 63 Click Spring Screw with Lock Washer		No. 64 Fibre Idler Gear		No. 65 Idler Gear Screw	
	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price
9	.....	..	62-209	.20	63-209	.05	64-9	.40	65-209	.10
209	61-209	2.50	62-209	.20	63-209	.05	64-209	.40	65-209	.10

349	62-349	.50	63-209	.05
349H	62-349	.50	63-209	.05

No. 66 Level-wind Drive Gear (Spool)	No. 67 Level-wind Drive Gear Lock Spring		TA200 Take Apart Thumb Screw		Reel		Harness Lug		Brace Lug		Rod Brace	
	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price
66-9	67-9	.02	116A	.30	113	.30	54-113	.30	54-114	.30	56-115	2.50
66-209	67-209	.02	116	.30	114	.30	54-114	.30	54-114	.30	56-116	2.50
			117	.50	115	.30	54-117	.50	54-117	.50	56-116	2.50
			.25 each		116A	.30	54-117	.50	54-117	.50	56-117	2.50
					118	.30	54-113	.30	.....	..	.....	..
					130	.40	54-349	.40				
					349							

PARTS below for 350 Leveline reel ONLY.

Reel No.	No. 70 Spiral Bar		No. 71 RS Spiral Bearing		No. 72 LS Spiral Bearing		No. 73 Spiral Gear		No. 74 Cam Gear	
	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price
350	70-350	2.75	71-350	.30	72-350	.50	73-350	.50	74-350	.60

No. 75 Cam Gear Screw	No. 76 Spiral Drive Dog		No. 77 Spiral Drive Dog Spring		No. 78 Spiral Gear Dog		No. 79 Spiral Gear Dog Spring	
	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price	Part No.	Each Price
75-350	76-350	.30	14-109	.03	78-350	.10	14-99	.03

EXPLANATORY FOOTNOTES FOR PARTS LIST PGS. 20 TO 28

- # For convertible drag reel, add letter C to part number.
- Right side ring for all Take-Apart reels are only sold as one unit, due to construction.
- ♠ Spacing Sleeve Assembly consisting of Spacing Sleeve, Cover Plate, and Felt Washer.
- ♡ Specify whether you need leather or fibre washers.
- ⊞ For old style reels, specify Spacing Sleeve, Cover Plate and Felt Washers. Details on construction of Penn Reels on Pages 30 and 31.
- ◇ If you need a flat spring, please specify.
- Old style reels contained Part No. 11-66.
- † For Convertible Lever, order Part No. 21S.
- For Convertible Lever Eccentric, mark letter (C) after part number.
- ‡ For Convertible Lever Eccentric Spring, order Part No. 20-155.
- △ NOTE: For convertible eccentric lever screw, use Part No. 22-109.
- ★ For double rings, add letter O or I to part number, for outside or inside rings, respectively.
- ☐ Prices shown are for cast spools. For spun spool prices, inquire from factory.
- ‡ For reel stands, to fit Baitcasting rods with offset reel seat, order by part number listed in column No. 30. For long reel stands, to fit salt or fresh water rods with straight reel seat, add letter (S) after part number listed in column No. 30.
- ♣ NOTE: On Reels Nos. 111-2/0 and 112-3/0 for "covered right and left side screws," use letter (C) after part number.
- Left Hand reels require left hand parts. When ordering parts for these reels, mark letters (LH) after part number.
- ✱ Prices shown are for ball-bearings. For old-style friction bearings, add letter C.
- For drag washer with large hole, add letter "A" after part number.

PENN REEL HANDLES

PENN REEL HANDLES are interchangeable. For OVERSIZE handle (longer than standard size) use the next larger size.

Length of handles:

Handle	#24-109	—	length	2 $\frac{7}{8}$ "
"	#24-180	—	"	3"
"	#24-160	—	"	3 $\frac{1}{2}$ "
"	#24-155	—	"	4"
"	#24-66	—	"	4 $\frac{5}{8}$ "
"	#24-49	—	"	5"

When replacing handle screw, be sure to TIGHTEN handle screw before inserting small lock screw. See page 23 for 3-in-1 handles.

HOW TO ORDER PARTS

1. Order by part number only.
2. Advise us of reel model number for which parts are intended.
3. Remit check, money order or stamps, to cover parts cost and postage charges.
4. If shipment is to be sent C. O. D., please indicate: "Ship C. O. D."
5. Because of cost of handling an order, minimum charge of parts order is 50 cents.
6. Print your name and address clearly, to avoid delay.

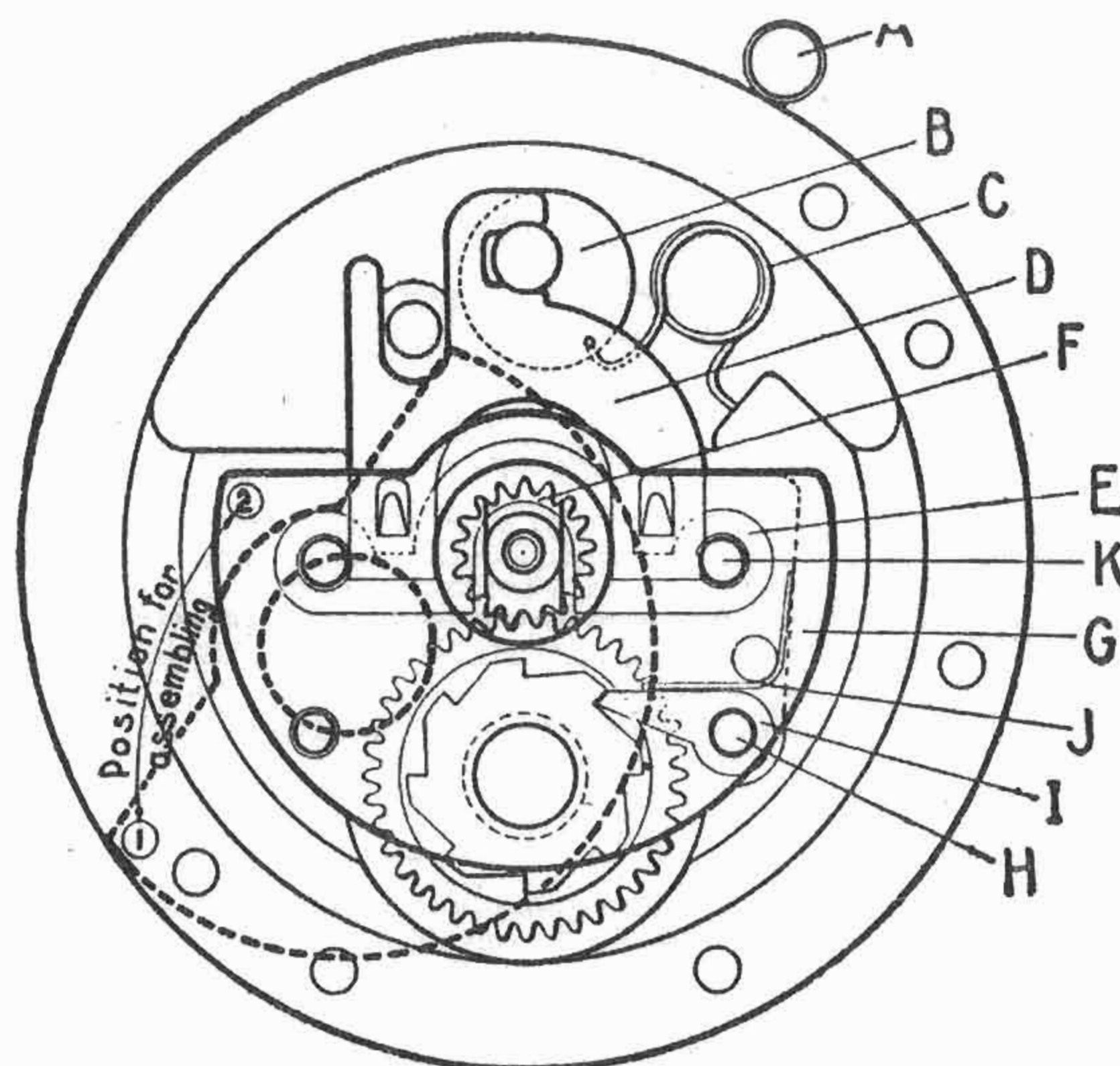
PENN FISHING TACKLE MFG. CO.
3028 W. HUNTING PARK AVE.
PHILADELPHIA 32, PA.

CONSTRUCTION OF PENN FISHING REELS

OPERATION OF FREE-SPOOL CLUTCH

The Free-Spool Clutch is employed to either engage, or disengage gears. The free-spool snap lever is conveniently located on right plate rim and enables the angler to throw the reel into free spool, or engagement, at will. Setting the clutch in operation can always be done without danger of stripping gears, as these are always in mesh.

Operation: 1. Free spool lever (A) operates jack (D) through eccentric (B)
2. Eccentric jack (D) actuates yoke (E)
3. Yoke (E) engages or disengages pinion gear with spool



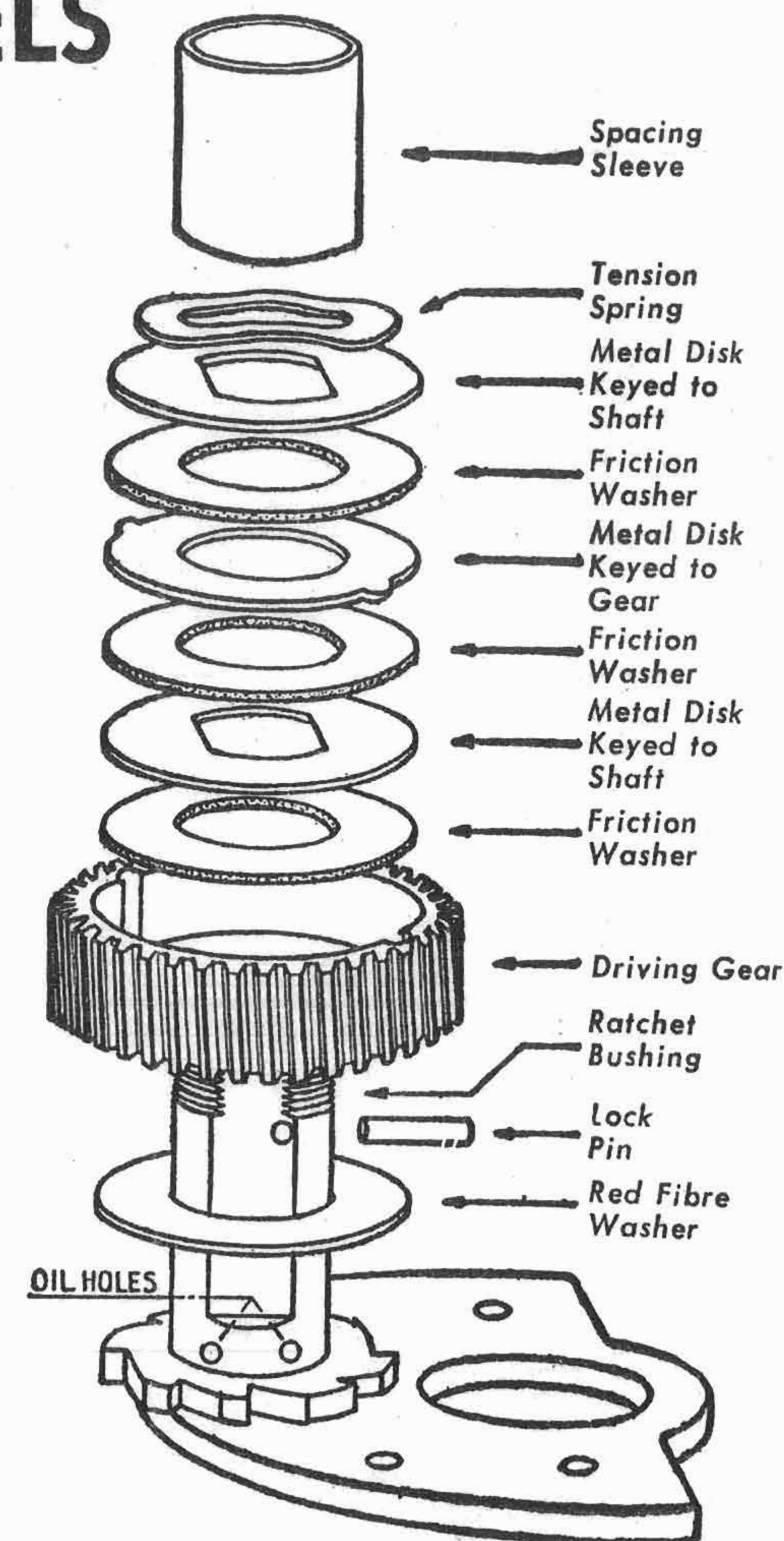
CONVERTIBLE STAR-DRAG (On Penn models 140, 145, 49 and 349C)

The convertible drag lever allows letting out and retrieving line while the reel is still in gear, also full handle control for hooking fish. But the foremost reason for its existence is the control a fisherman has when playing a lunker directly through the handle. Every tug, every flip of the tail of the fish is transmitted to the thumb and index finger of the angler, and it's really give and take at both ends until the contest is decided. Should it thereafter be desired to use the reel as an ordinary star-drag the change can be effected by simply flipping the convertible drag lever downward. For the angler who likes to have his reel in gear at all times and enjoys fighting his fish all the way directly through the reel handle, the convertible drag feature is highly recommended.

ASSEMBLING CLUTCH

(All Penn Models except 130 and 349 series)

1. After assembling star-drag mechanism, place gear bridge (G) in position (1). Insert long threaded screw from front to hold dog (I).
2. Replace dog (I) and dog spring (J). To do this, grip end plate with your left hand, and with left thumb press gear bridge (G) against plate, having gear bridge turned toward the left (position 1) far enough to allow the dog and spring to be placed into position. After inserting the dog and spring, rotate (without releasing thumb pressure) the gear bridge to the right (position 2) so that the remaining gear bridge screw (H Long Threaded) may be screwed into gear bridge, followed by the two clutch yoke guide screws (K Short Threaded).



TYPICAL PENN
DRAG ASSEMBLY

DRAG COMPONENTS ARE LISTED IN SEQUENCE IN WHICH THEY ARE PLACED ON GEAR SLEEVE, #1 BEING AT BOTTOM, NEAREST THE MAIN GEAR

Models: 9-25-26-27

60-65-85-99-100-109

110-140-145-149-150 Models:

155-160-180-200-209 111-112

250-259-285-350-500 66-67-68

Model:
130

Model:
113

Models:
114-115

Model:
49

Model:
349

Models:
116A-116
117-118

13		Spring*						
12		Spacer*						
11		Spring						
10		Met. Slot	Met. Slot		Spring		Spring*	Spring
9		Fibre	Fibre		Spacer*		Spring*	Met. Slot
8	Spacer*	Met. Lip	Met. Lip		Chrome Disc*		Spacing	Brk. Lng.
7				Spring			Sleeve*	Met. Lip
6	Spring	Fibre	Fibre	Spring	Felt*	Spring	Chrome Disc*	Brk. Lng.
5	Met. Slot	Met. Slot	Met. Slot	Met. Slot	Met. Slot	Met. Slot	Met. Slot	Met. Slot
4	Leather	Leather	Leather	Fibre	Brk. Lng.	Heavy	Brk. Lng.	Brk. Lng.
3	Met. Lip	Met. Lip	Met. Lip	Met. Lip	Met. Lip	Fibre	Met. Lip	Met. Lip
2	Leather	Fibre	Fibre	Brk. Lng.	Brk. Lng.	Leather	Brk. Lng.	Brk. Lng.
1	Met. Slot	Met. Slot	Met. Slot	Met. Slot	Met. Slot	Met. Slot	Met. Slot	Met. Slot
	Leather	Leather	Leather	Brk. Lng.	Brk. Lng.	Leather	Brk. Lng.	Brk. Lng.

Met. Slot = Metal Slotted Washer

Met. Lip = Metal Lipped Washer

NOTE: Components with * are inserted from outside of plate.

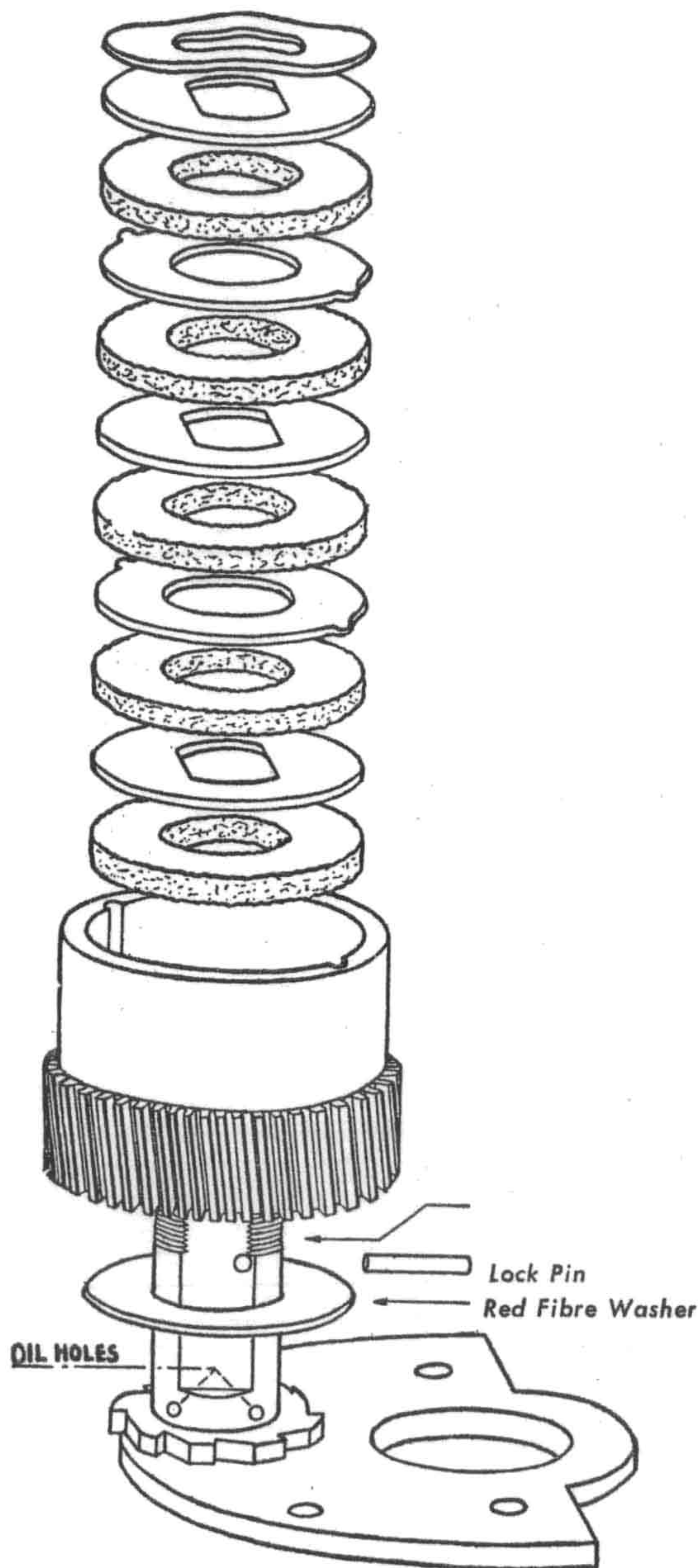
Brk. Lng. = Brake Lining Washer

Spring = Spring Washer

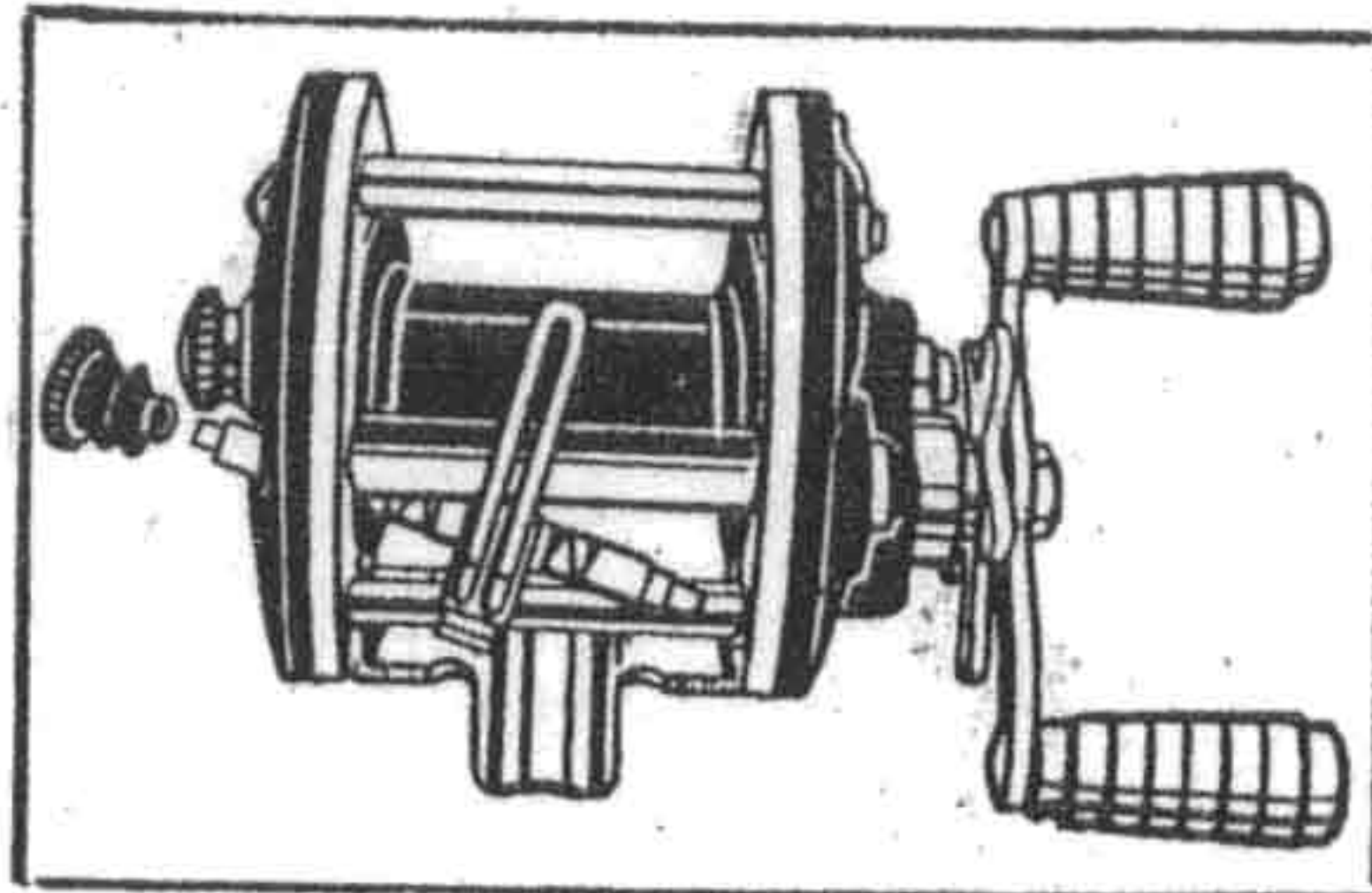
OPERATION OF STAR-DRAG

The star-drag is a braking mechanism, which controls the rotation of the reel spool. It is controlled by a star wheel, which increases or decreases the pressure between the drag washers. This puts varying degrees of tension, depending on the setting of the star wheel, on the fisherman's line. With little pressure between the drag washers, and therefore light tension, a fish can pull the fisherman's line from the reel with little effort. Increasing the tension applies greater braking action on the spool and makes it increasingly harder for a fish to take out line. Care should be exercised not to put more drag on the reel than the line or rod can safely withstand. The drag tension should be set so as to tire out a fighting fish and slowly wear him down, rather than to stop his run entirely. To check the amount of drag you have on your reel, put it in gear and test drag tension by pulling line from the spool. Adjustment of the drag is effected by turning the star wheel clockwise to tighten, anti-clockwise to loosen.

Caution: When putting reels away during the "off season" period, always back off the drag star completely, releasing all tension on the friction washers. With the spool in mesh, pull on the line (as if you were testing line tension) to make sure that the drag assembly is really free. Putting a reel away in damp atmospheres, with the drag star tightened, may result in all the friction washers sticking to the metal discs.



Care of your reel



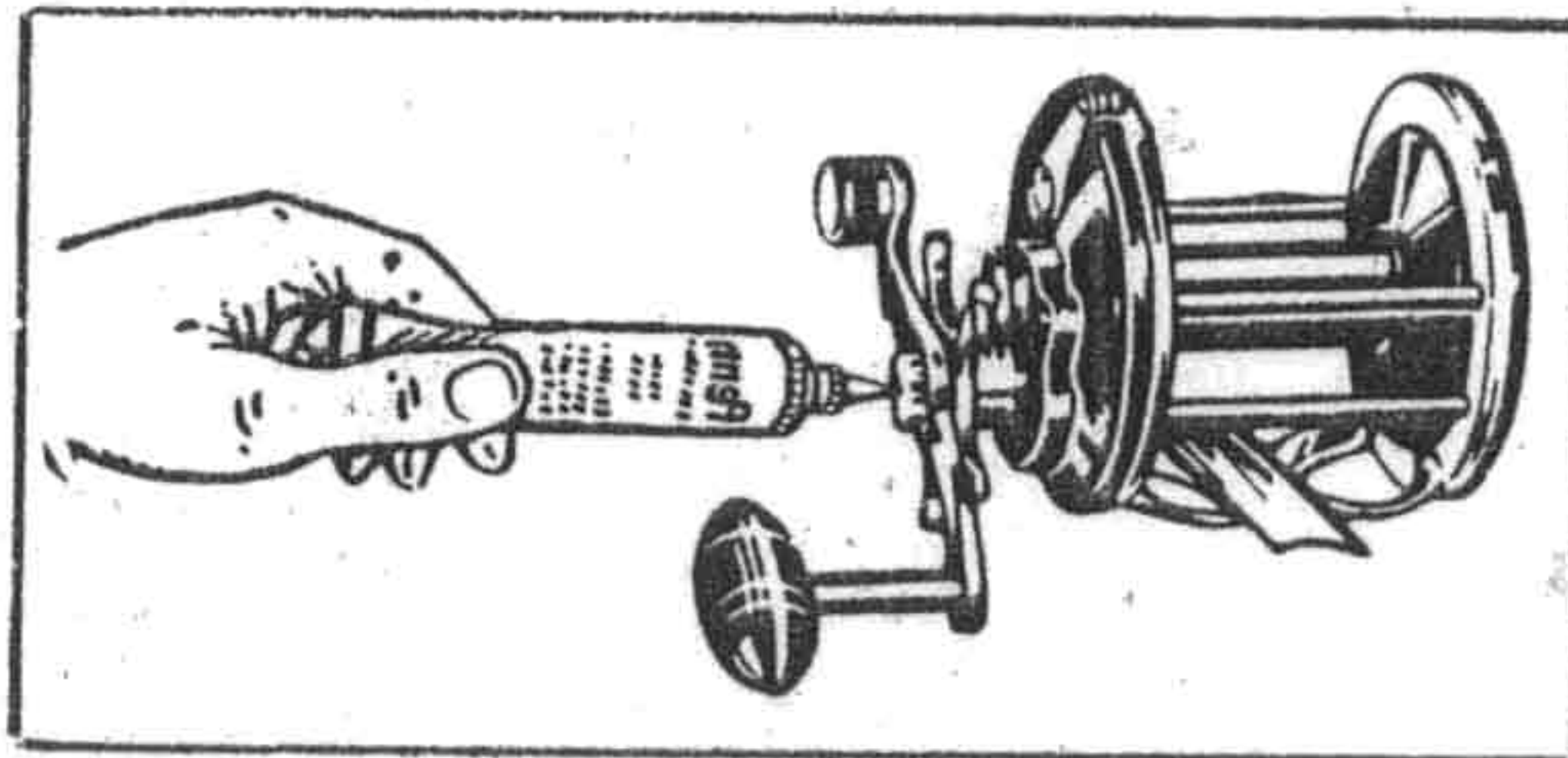
HOW TO REPLACE LEVEL-WIND WORM AND PAWL

1. On model 109 reel, unscrew worm bearing from left side plate and remove level-wind assembly as shown in illustration. Replace worm with flat end going into right side plate (handle side).

2. On models 9 and 209 reels, remove worm bearing from right side plate and follow same procedure as above. Replace worm with flat end going into left side plate.

3. To replace pawl in models 9, 109 and 209 reels, unscrew pawl retainer screw in line guide carriage. Remove old pawl and drop in new, knife edge down. Be sure knife edge fits into groove of worm. Back of pawl should be flush with line guide carriage. Replace pawl retainer screw.

Put a drop of Penn Lube in each worm bearing. Replace level-wind assembly as shown. Replace bearing. Lubricate worm freely.



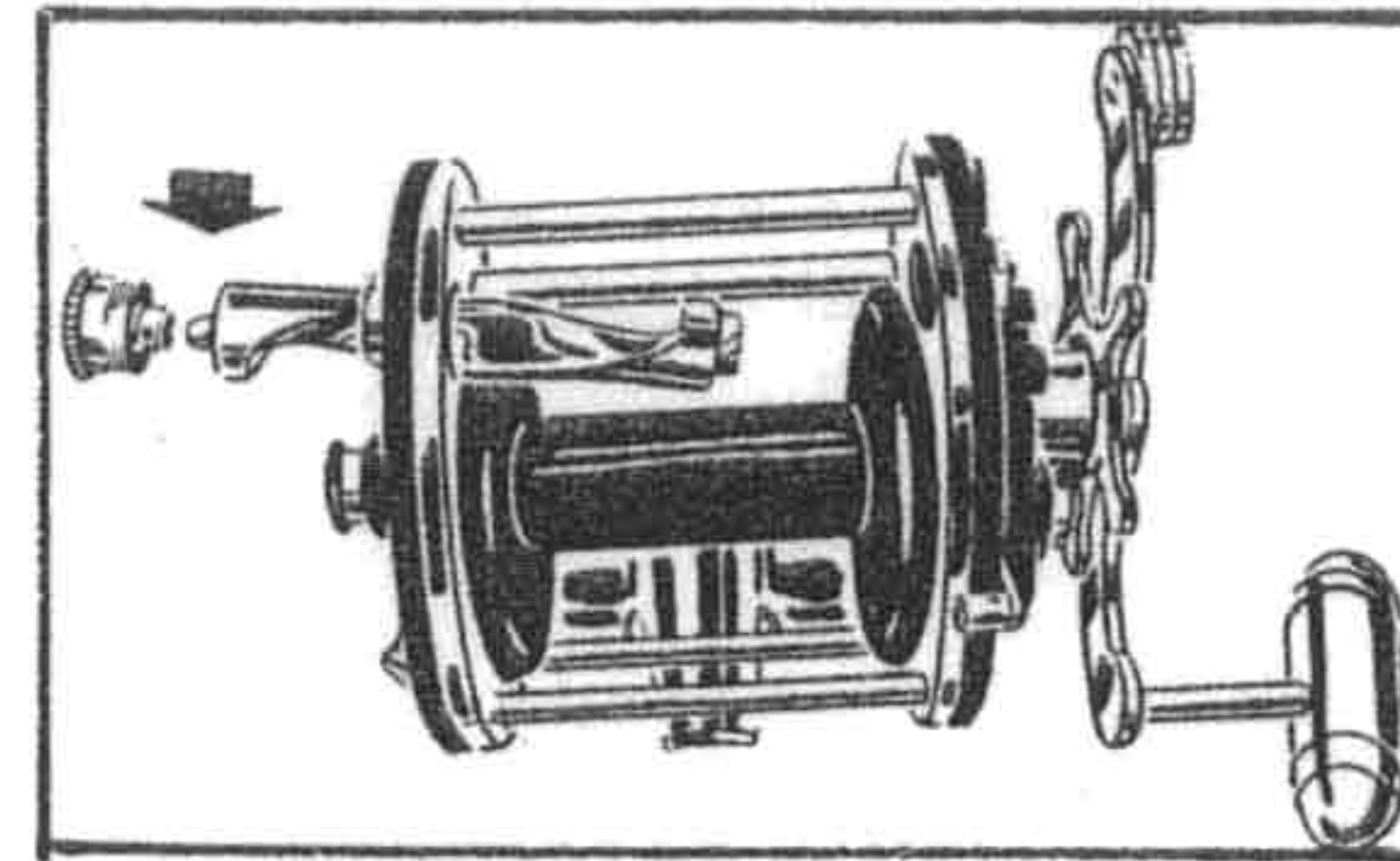
LUBRICATING PENN REELS

Oil spool bearings, handle nut, free spool lever, handle knob and base of sleeve, click button, driving gears through nipple (marked Grease) on front plate. Keep your reel well oiled

to prevent the inroads of salt water—and remember—one drop of oil in the right place is worth more than two alongside.

CLEANING THE REEL

Should sand get into your reel, or should you wish to clean the reel, take it apart, and wash the parts with a mixture of $\frac{2}{3}$ kerosene and $\frac{1}{3}$ light lubricating oil; or one of the commercial solvents on the market for cleaning purposes. Our "Take-Apart" reels can easily be taken apart. On all other models remove the plate screws, and the reel will come apart. For reassembling, see instructions on page 30.



HOW TO REPLACE LEVELINE SPIRAL BAR

1. Back off knurled spiral bar bearing on left side plate.

2. Push the spiral bar through opening in left side plate. The spiral gear may come out of right side plate with spiral bar, but may not go through the opening in left

side plate. Remove gear from spiral bar and bar from reel.

3. Push new spiral bar through hole in left side plate and place spiral gear onto flattened end of bar. When installed correctly, gear fits flush with flattened end of spiral bar.

4. Holding spiral bar lightly between thumb and index finger, rotate it anti-clockwise and at the same time turn reel handle slowly, in order for the gear to engage the two spiral dogs. Do not use force. Turn handle to test action.

5. Replace knurled spiral bar bearing. Bar should have slight sideplay and move freely when handle is turned.

WHEN REELS NEED SERVICE

Your Penn Reel is a fine piece of mechanism and will benefit by expert service when such is required. Many Penn Reel dealers maintain repair departments. However, if local repair service is not available, please return your Penn Reel to our factory, at the address given below. Send your Penn Reels via Parcel Post, insured, with a letter attached to your package, stating what repairs you consider necessary, or the work you wish to have done. We will then make the necessary repairs at nominal cost. Your reel will be completely taken down, cleaned, oiled and adjusted. All worn parts will be replaced as required.

When the repairs have been completed, you will be notified of the cost. You can then remit the amount or request the return of your reel via Parcel Post, C.O.D.

NOTE: Best time to send your reel to the factory for overhauling is during Fall and Winter months.

Print your name and address clearly on your package to avoid loss.

PENN FISHING TACKLE MFG. CO., Philadelphia 32, Pa.