# Directions for proper care and use of the

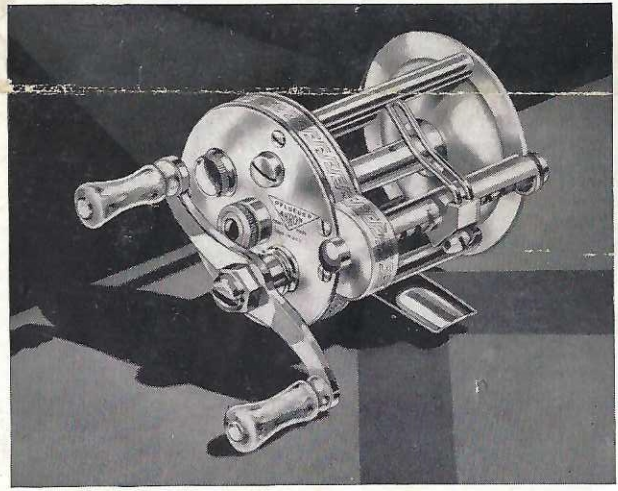
PFLUEGER
LEVEL WINDING AKRON ANTI-BACK-LASH

# FISHING REEL

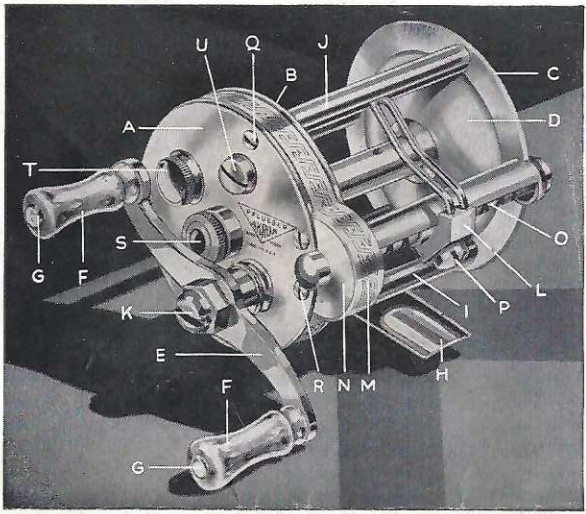
Trade Marks Reg. U. S. Pat. Office
Patent Nos. 1450738-1579076-1583764-1637437-1691622-1899908-1948333-Pat. Pending

No.

60 Yd.—1⅞ Inch Pillar—2 Inch Plate
1893 Standard Spool—Diamolite Finish.....
1893L Light Weight Aluminum Alloy Spool.....
80 Yd.—1⅞ Inch Pillar—2¼ Inch Plate
1894 Standard Spool—Diamolite Finish.....



**Correct names of the various parts are shown on Page 2, and reference made to them in the instructions contained herein.**




| Point | | Point | |
|---|---|---|---|
| A | Cap | L | Line Guide Block |
| B | Front Plate | M | Shaft Housing |
| C | Back Plate | N | Housing End Plate |
| D | Spool | O | Double Thread Shaft |
| E | Crank | P | Half Nut Retainer Screw |
| F | Handles | Q | Pillar Screws |
| G | Handle Rivets | R | Housing Screws |
| H | Cross Plate | S | Tension Oil Cup |
| I | Cross Plate Pillars | T | Anti-Back-Lash Button |
| J | Pillars | U | Receptacle Holding Extra Half Nut and Screw |
| K | Crank Nut | | |

Back View—Points not Illustrated:

AA—Tension Oil Cup

BB—Sliding Click Button

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**Line Capacity**—Based on winding reel full with Pflueger Nonpareil Line.

| Line No. | Test | Reel No. 1893 | Reel No. 1894 |
|---|---|---|---|
| 2412 | 12 | 210 Yds. | 320 Yds. |
| 2415 | 15 | 145 Yds. | 210 Yds. |
| 2418 | 18 | 110 Yds. | 145 Yds. |
| 2424 | 24 | 93 Yds. | 125 Yds. |
| 2430 | 30 | 60 Yds. | 85 Yds. |

## Give Your Reel Proper Care

It is a fine piece of mechanism, and a little attention in the way of keeping it clean and properly lubricated will be well repaid by the long and satisfactory service you will receive from it.

Notice—This reel SHOULD BE OILED BEFORE USING. While every reel is well oiled at the time it is made the best of oils will evaporate under certain conditions, so that every new reel should be oiled all around before it is used. **Pflueger Speede Reel Oil is especially compounded for best results on fishing reels.**

### Directions for Oiling

(a) Remove oil cup in front plate (Point S) and place a drop of oil on pivot. After replacing this oil cup as it was (b), remove oil cup (Point AA) in back plate and oil back pivot bearing. Replace oil cup just tight enough to allow a very slight end play in spool.

(c) Put a drop of oil through crank nut oil hole (Point K) for the cog post on which the gear revolves. It is particularly important in a new reel to see that this point is well oiled, otherwise the gear will "freeze up." (d) Turn reel over and place a few drops of oil on both ends of double thread shaft (Point O). This part should be oiled every few hours while the reel is in active use.

Oil the reel as above at least once a day. An occasional drop of oil on each handle rivet is advisable.

### Cleaning and Greasing

It should not be necessary to take this reel apart for greasing oftener than once or twice a season unless it has become full of dirt. In that event proceed as follows:

(a) Remove crank nut (Point K) and crank (Point E). (b) Remove cap of reel by taking out the four cap screws (Point Q indicates one of them). (c) Take out retainer screw (Point P) and remove half nut (be careful not to lose this small part). (d) Remove gear, spool pinion and shaft pinion, also double thread shaft, which will release the line guide block. (e) Lift off front plate (Point B) and remove spool (Point D). After cleaning all parts, preferably with benzol or gasoline, place a drop of oil in pivot bearing in back plate, a little grease on the click tongue, and assemble reel, reversing the operations as above. After the gear and pinions are in place put a small amount of grease on the gear

(do not use too much at one time—only enough to cover the gear teeth). Pflueger Runfree Gear Grease, being specially prepared for that purpose, is the best gear lubricant to use. Oil the cog post and place a drop of oil in front pivot bearing before replacing cap of reel. Oil the double thread shaft as previously instructed. Do not use gear grease on this part.

### Level Wind Mechanism

This part is vitally important in a reel of this kind, and in the Akron Reel special attention has been given to producing a combination of double thread shaft and half nut or pawl that will give long and satisfactory service. Both of these parts are made of selected steel, with the utmost accuracy, specially treated to resist wear and corrosion. For emergency use, as sometimes the pawl will become damaged by a grain of sand or some other obstruction getting into the reel, an EXTRA HALF NUT or pawl is provided, carried in a receptacle built into the reel (see Point U). This is held in place by an extra half nut screw.

Note—In replacing the half nut or pawl after removal for cleaning it is of the utmost importance THAT IT BE PROPERLY SEATED IN THE DOUBLE THREAD SHAFT BEFORE THE RETAINER SCREW IS TIGHTENED UP. You will notice a hole in the back of the half nut (there is no spring used here) but by inserting a match stick or similar object it is a simple matter to lift out the half nut, and to replace it in the same manner. Test the reel carefully until you are sure the half nut is properly seated. The retainer screw requires no adjustment—screw it down tightly when the half nut is in place.

CAUTION—EXTRA CARE MUST BE USED IN THIS OPERATION—DO NOT FORCE THE HALF NUT DOWN ON TOP OF THREAD.

### Anti-Back-Lash

This device is operated by an adjusting button (Point T). By turning this button clockwise, as indicated by the arrow on button, the desired degree of tension can be secured so as to automatically thumb the reel and prevent over-running of the spool when casting. Note—a complete turn of this button releases the tension. A little experimenting will soon indicate to you the proper degree of tension required (more or less according to weight of the lure you are using).

### Tension Oil Cups

*Do not use these oil cups as a drag* by tightening them up so as to retard the spinning of the spool. They are intended only to adjust end play and to keep the spool properly centered in the reel. It is a good idea never to remove both oil cups at the same time—leave one of them in position until the other has been readjusted, so that the spool may not get out of proper alignment. In adjusting oil cup tighten it until the spool will not turn freely—then back it off a quarter turn. By reason of the patented tension device the oil cup is held firmly just where you set it, and will not work loose or become lost.

Oil cups are inset with genuine scarlet agate jewels, furnishing an excellent end bearing for the steel pivots.

### Click

In a reel of this type the click mechanism is not intended to be used to prevent backlashes—NEVER CAST THE REEL WITH THE CLICK ON. By means of the sliding click button the click may be thrown on or off as desired—always throw off click when reeling in—it is intended only to sound a warning note when a strike occurs, or when the reel is not in use to prevent the spool turning and loosening up the line. Click spring is best tempered Phosphor Bronze—click tongue and ratchet of tempered steel, and with proper care and use should give long and satisfactory service.

### General

Throughout this reel only the best of materials are used, all parts carefully made and inspected before assembly. With our experience of over half a century in building fishing reels and applying, as we do, up-to-date modern methods and manufacturing equipment we can unhesitatingly back up this Pflueger reel with our No-Time-Limit Guarantee against defects in workmanship or materials.

A few outstanding features of this reel in mechanical excellence are as follows:

Line Guide Block—made of genuine Phosphor Bronze (not red brass commonly called bronze) traveling on a Diamalloy non-corrosive double thread shaft, affords the longest wearing combination of materials known to modern science—notice how wide this line guide is—giving a much greater bearing surface and keeping the guide steady. This is made possible by our PATENTED FEATURE of a recess at both ends which permits the line guide to travel FULL LENGTH OF THE SPOOL—which is very important.

Pivot Bearings—also of genuine Phosphor Bronze and spool pivots of Diamalloy give the same unbeatable combination for long and satisfactory wear. It is up to you to furnish the one other necessary factor for a practically wear-proof bearing, namely, OIL.

Gear and Pinions—made of materials best suited for the purpose—spiral cut teeth perfectly designed and ground to the correct fit.

Crossplate—of a pleasing design, ample strength without excessive weight, and will fit all standard rods. This crossplate is according to specifications adopted as standard by the Fishing Tackle Manufacturers Association.

### Light Spool Reel

Of special interest to the bait caster is the light spool model No. 1893L. The Spool, being made of light weight aluminum alloy, starts quickly and having little or no momentum does not have the tendency to overrun, which is a prolific source of backlashes in the ordinary heavy spool reel.

After using in salt or brackish water be sure to remove all line from spool and clean it thoroughly, drying the line before replacing it.

### Bait Casting Instructions

This subject is covered in a very complete and interesting way in the Pflueger Pocket Catalog—sent free on request.

## Repair and Replacement Parts

It is recommended that whenever possible reels needing repairs be sent back to us for that purpose. Spare parts, however, are readily obtainable and the cost is very reasonable—note the following, which are parts occasionally damaged or lost.



No. 300—Double Thread Shaft



No. 301—Half Nut or Pawl



No. 305—Crank Nut with Oiling Hole



No. 307—Spool Pinion



No. 303—Agate Jeweled Oil Cup



No. 302—Half Nut Retainer Screw



No. 310—Cap and Pillar Screw



No. 311—Housing End Plate Screw







## Oldest and Largest Tackle Makers in U. S. A.

*Made by the Third Generation of Pfluegers*
*Best by Test—Since 1864*

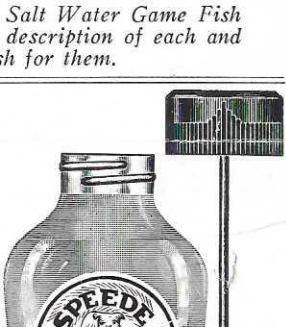
*"Pflueger Pocket Catalog. Send for Free Copy containing valuable information."*

*THE PFLUEGERS*
*Akron, Ohio*

*All of the Fresh and Salt Water Game Fish are illustrated with a description of each and instructions how to fish for them.*




Exact Size




**Specially Developed Lubricants for Reels**

Speede Reel Oil
Runfree Gear Grease
Your reel deserves the best.