



KLEIN TOOLS®
For Professionals... Since 1857™

Instructions for the Proper Use and Care of Klein-Flex® Fish Tapes and Winder Reels

These instructions apply to Klein-Flex fish tapes in 25' and 50' lengths encased in winder reels.

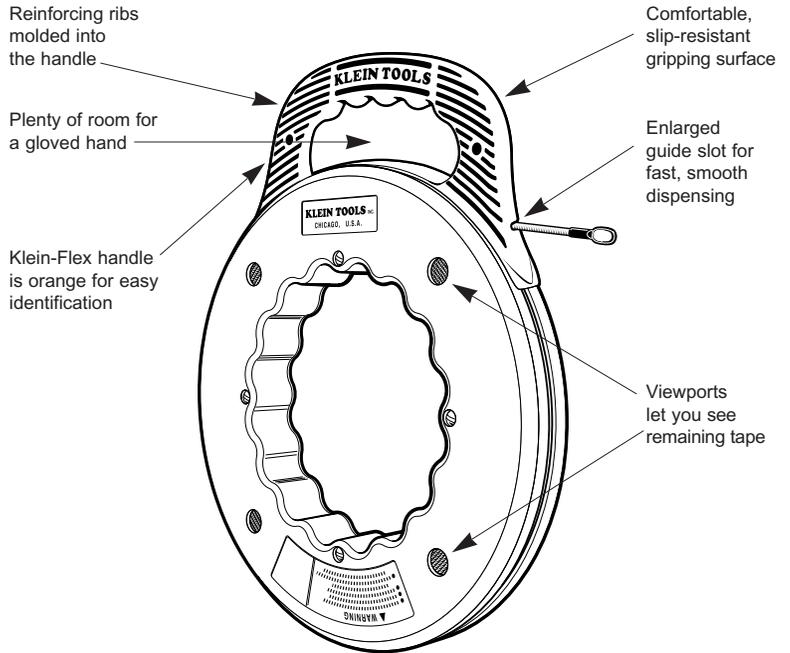
▲WARNING: Save these instructions. Fish tapes and winder reels must not be used without first reading, understanding and following instructions for the proper use, inspection and maintenance procedures. Failure to read, understand and follow all instructions may result in injury or death.

▲WARNING: Use approved eye protection when feeding, pulling or rewinding fish tape.

▲WARNING: Do NOT use any fish tape on or near live circuits. Use extreme caution when working near any electrical equipment.

▲WARNING: Use a safe work position to avoid loss of balance when using fish tape.

▲WARNING: Never remove screws while fish tape is coiled inside reel.

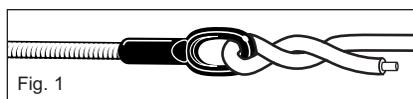


Cat. No. 50151
(50125 not shown)

How to Use a Klein-Flex Fish Tape

1. Read all warning labels and instructional materials provided with Klein-Flex fish tapes. They provide important information on care and use. Keep all labels and instructional material for future reference.
2. When pulling through conduit which contains any other wires, be certain that power to those wires has been turned off or disconnected.
3. To feed a conduit run, hold the winder handle with one hand, pulling the tape from the reel with the other hand. We recommend using a wire-pulling lubricant to reduce friction on the wire, especially in long or multiple bend runs. We suggest Klein Wire-Pulling Lubricant.
4. Be sure the fish tape being fed into the conduit is free of kinks or bends.

5. When your fish tape has been pushed out to the pulling point, your wire or pull line should be securely fastened to the fish tape as shown in Fig. 1. The connection can then be wrapped with plastic tape, if you wish, to help prevent it from kinking or pulling open.



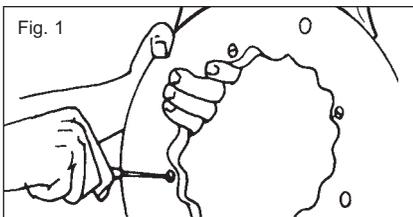
6. Before pulling wire through, protect yourself and others by clearing away hazardous obstructions in case something lets loose and upsets your balance while you are pulling. Stand in a safe area while pulling. Do not force a pull that has become hung up. It is best to remove the wire, clear any kinks or obstructions and, if necessary, use additional lubricant.

7. To pull cable or wire through the conduit, use your hands (with proper protection). **Do not pull fish tape with powered pulling equipment which could damage or break the tape or cause injury to yourself or others.** Also, do not pull the tape with pliers or other metal tools that may damage the tape.

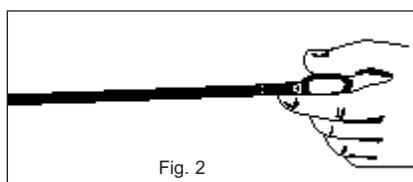
8. Rewind the tape by holding the handle firmly with one hand while rotating the reel. Always store your fish tape in its reel when not in use. This not only protects the tape, but decreases the chances of it being tripped over or accidentally coming in contact with live electrical circuits.

Inspection and Maintenance Procedures

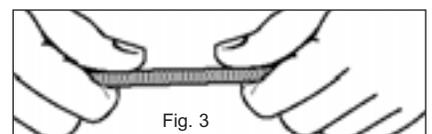
1. Before each use, examine reel: (a) to be sure the four assembly screws are securely in place, (b) that handle is not cracked or broken, and (c) that the reel rotates smoothly under the handle and functions properly.



2. Check the fish-tape leader (if used) for excessive wear, distortion, cracks or nicks that could result in breakage under pulling forces. Check attachment point of leader to fish tape to ensure connection is completely firm and strong. Inspect eyelet of tapes without leader in the same manner.

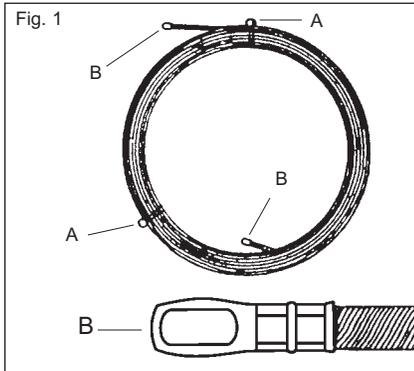


3. Periodically check the fish tape for nicks, corrosion or other damage that could cause breakage under pulling forces. If the tape or reel becomes dirty or accumulates wire-pulling lubricant, clean with mild detergent and warm water. Avoid harsh chemical agents such as degreasing compounds, turpentine, paint thinner, gasoline and other solvents. Wipe tape dry before storing to avoid rust buildup.



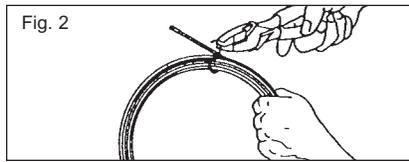
How to Replace Klein-Flex Fish Tape in Klein Winder Reel

1 **WARNING:** Before disassembling your Klein Winder Reel, pull all of the old Klein-Flex Fish Tape out of the reel as far as it will go. Only when virtually all of the spiral-wound fish tape has been pulled out and is no longer under tension should you begin to replace it. **NEVER REMOVE SCREWS WHILE FISH TAPE IS COILED IN THE REEL. RAPID UNCOILING MAY CAUSE INJURY.**

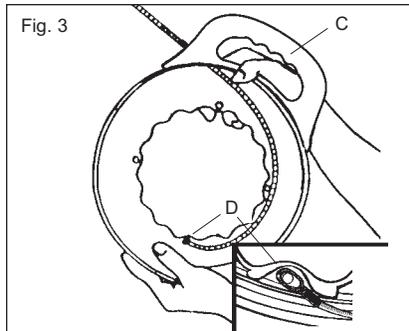


2 After all fish tape has been pulled out, remove the four screws and nuts on the face of the reel case, and open the reel halves. To remove old fish tape from winder handle (C in Fig. 3), simply slide tape out of open slot in handle.

3 **WARNING:** Remove the wire ties from the replacement fish tape as shown in Fig. 2 and uncoil fish tape completely. **USE CARE IN UNCOILING SPIRAL-WOUND FISH TAPE. ONCE TIES ARE REMOVED, COIL UNDER TENSION MUST BE CONTROLLED UNTIL FULLY UNWOUND.**



4 To get pulling loop (B in Fig. 1) of the new fish tape through the handle (C in Fig. 3) place edge of fish tape in open slot in handle.

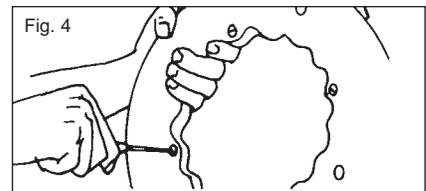


5 Locate the special anchor screw hole (D in Fig. 3) which is located on the end of the case where the warnings are imprinted. Insert a screw through this hole with anchoring eye (B in Fig. 1) fitting over the screw as shown in Fig. 3 (see enlarged inset view).

NOTE: Make sure the handle (C in Fig. 3) is PROPERLY ALIGNED IN THE GROOVE at the outside edge of the reel. Klein Cinch® Dark Blue™ Silicone Lubricant can be placed in groove area of case to reduce friction during use.

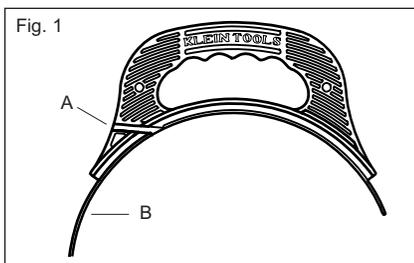
6 Reassemble the reel halves, making sure the imprinted Klein Tools names and the imprinted warnings on each half of the case are aligned. Then replace and tighten all four screws and nuts as shown in Fig. 4.

7 Holding handle firmly, reel in all uncoiled fish tape by turning case with free hand. **Do not wind pulling eye up to handle. Leave at least one foot of Klein-Flex fish tape out of reel for easy access.**



How to Replace a Klein Fish Tape Handle

1 **WARNING:** Before disassembling your Klein Winder Reel, pull all fish tape out of the reel as far as it will go. **NEVER REMOVE SCREWS WHILE FISH TAPE IS COILED IN THE REEL. RAPID UNCOILING MAY CAUSE INJURY.**



2 After tape is pulled out as far as it will go, remove all screws and nuts except for the anchor screw, which is located on the end of the case where the warnings are imprinted.

(Leaving one end of the fish tape on the anchor screw will simplify reassembly.) Then open the reel halves and remove the old handle.

3 Align the new handle in the groove at the outside edge of the reel. **Make sure the inner strap or web (B in Fig. 1) is PROPERLY ALIGNED IN THE GROOVE.**

4 Apply lubricant in the groove area of the case. We suggest Klein Cinch® Dark Blue™ Silicone Lubricant (silicone lubricant is long-lasting, and it helps preserve the plastic parts).

5 Make sure fish tape is looped over the anchor screw. If not, place fish tape anchoring loop over the anchor screw before reassembling the case (the hole for the anchor screw is located on the end of the case where the warnings are imprinted). Make sure the fish tape sits in the exit slot in the handle (A in Fig. 1).

6 Reassemble the reel halves, making sure the imprinted Klein Tools names and the imprinted warnings on each half are properly aligned. Replace and tighten all four screws and nuts.

7 Holding the handle firmly, reel in all uncoiled fish tape with free hand. If handle is hard to move, first ensure that fish tape is assembled properly. If action is stiff after checking for proper assembly, additional lubricant may be added to reduce friction.

To order replacement fish-tape handles, see the Klein Replacement Parts Price List or call Customer Service at 1-800-553-4676.

Cautions

The use of fish tapes and fish-tape reels without the proper instructional materials and training could result in serious injury or death.

Klein Tools will supply additional copies of instructional material and warning tags, or will answer questions on any piece of Klein equipment, free of charge.

- **Read, understand and follow** all instructions and cautions attached to and/or packed with each fish tape before use.

- **Employer** instruct employee as to proper use and warnings before use of equipment.

- **Only** use a fish tape reel for the specific purpose for which it was intended.

Klein-Flex Fish Tapes with Reel

Cat. No.	Tape Length	Reel Diameter
50125 *	25' (7.6m)	8-1/2" (216 mm)
50151	50' (15.2m)	12" (305 mm)

Klein-Flex Fish Tape Uncased Coils, including replacement tape for winder reel

Cat. No.	Tape Length
50025	25' (7.6m) †
50050	50' (15.2m) †
50100	100' (30.5m)

* 50125 has easy-grip handle (not shown)

† Only 25' and 50' lengths can be used as replacements in winder reels



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