



SMALL GRABBER

OPERATION & SAFETY MANUAL

**Non
Current
Model**



! WARNING

These instructions are for your personal safety. Always ensure that you have read and understood these instructions before using the equipment.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

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SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

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To watch practical demonstration videos, take a course, or to download an electronic copy of these Instructions, please visit www.picoteinstitute.com.
Please note that videos and courses are not intended as a replacement or alternative to this operating and safety manual, but only as an additional learning tool.

WARNING

This section contains important safety information.
Failure to comply could result in serious injury or death.

Personal Protective Equipment (PPE)



Suitable eye protection to protect against injuries and chemicals from irritating eyes.



Suitable protective gloves. Do not use gloves which can become entangled.

1. **Always wear eye protection as well as heat and cut-resistant gloves.**

Other personal protective equipment, such as dust mask, gloves and overalls should be worn when necessary. Dust produced when working can be dangerous to your health, inflammable or explosive.

Always wear appropriate personal protective equipment.

2. **Before each use** inspect the Grabber and jaws carefully for any potential break or damage.

Change damaged parts immediately.

3. Only use this tool with the accessories and spare parts offered by the Picote Solutions. Accessories and spare parts should only be used in the manner intended and as described by Picote Solutions.

STORAGE

It is recommended that the Small Grabber is stored indoors to protect it from rain and sunlight. It is recommended that the 5m (16ft) long Small Grabber is stored in a coil with two turns and the 10m (32ft) long Small Grabber coiled in four turns.

DISPOSAL

The jaw set, wire and handle can be recycled in metal waste collection points. The plastic outer casing of the shaft can be disposed of as plastic waste.

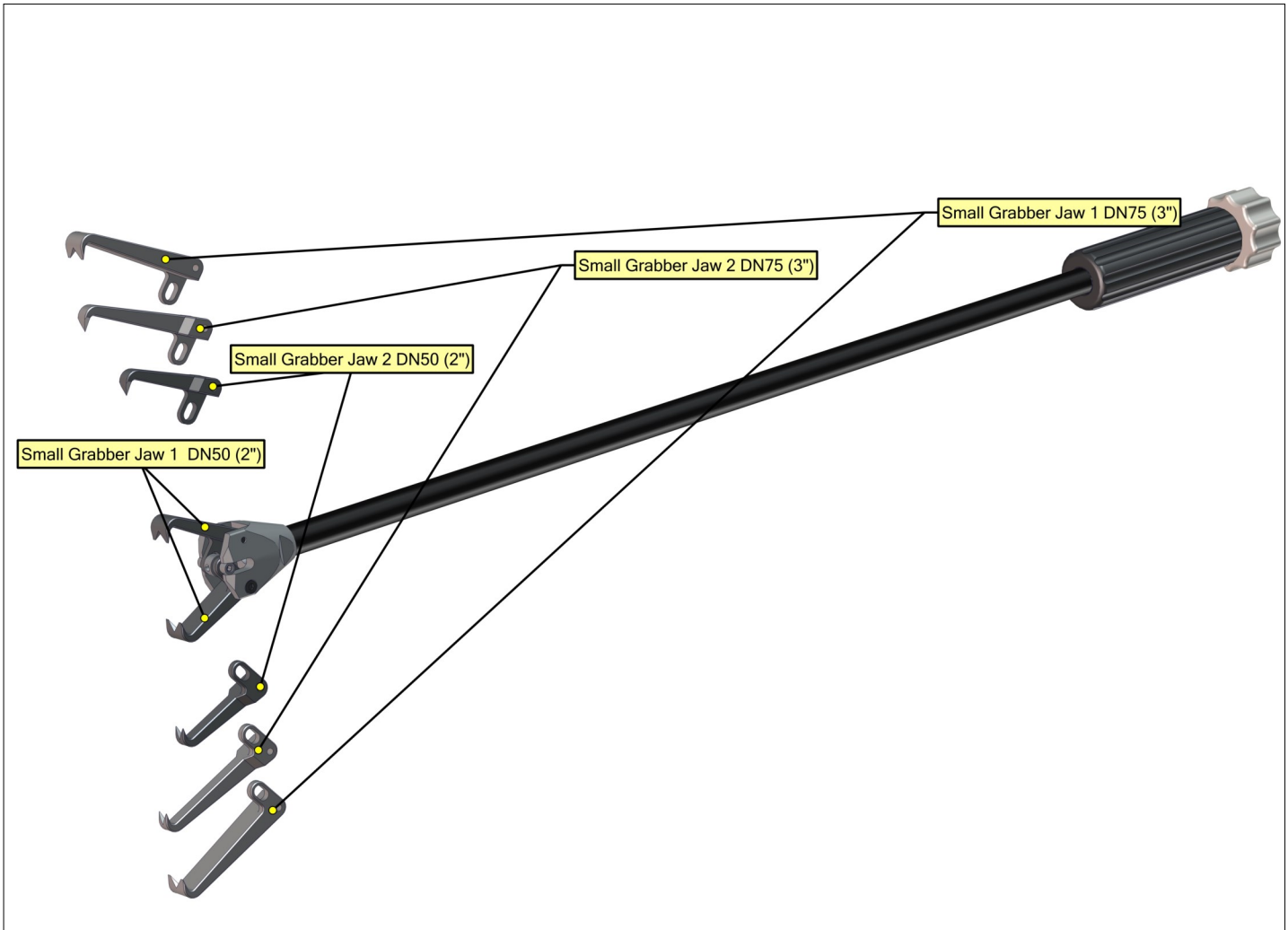
Always follow the local waste handling rules and regulations.

GENERAL INFORMATION & INTENDED USE

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SMALL GRABBER

2370000020	Small Grabber DN50-75 (2-3") 5m (16ft) (1 Jaw Type)
2370000021	Small Grabber DN50-75 (2-3") 10m (32ft) (1 Jaw Type)
2370000022	Small Grabber Extra DN50-75 (2-3") 5m (16ft) with 2 Jaw Types
2370000023	Small Grabber Extra DN50-75 (2-3") 10m (32ft) with 2 Jaw Types



INTENDED USE

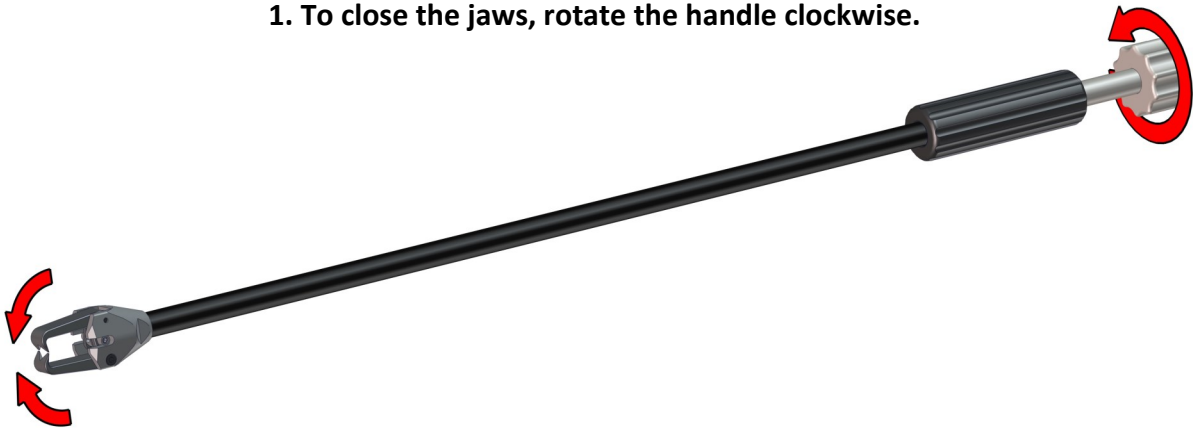
1. Retrieving lost items or foreign objects.

OPERATING INSTRUCTIONS

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**NOTE! The Small Grabber should only be used in an uncoiled position.
To avoid breakage, do not use excessive force.**

1. To close the jaws, rotate the handle clockwise.



2. To open the jaws, rotate the handle counter clockwise.

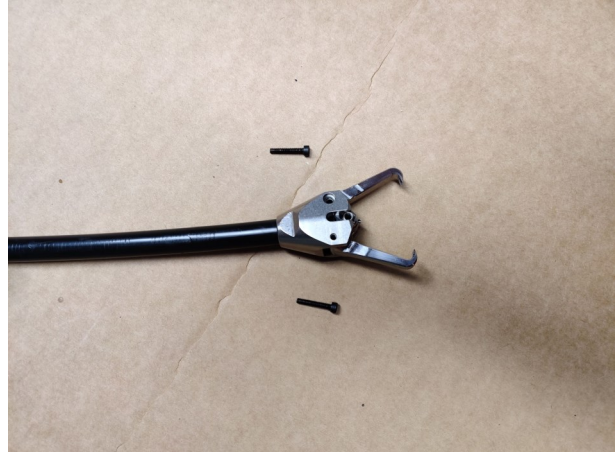


OPERATING INSTRUCTIONS

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CHANGING THE JAWS

1. Use 2.5mm hex key to unscrew both screws **on the jaw head.**



2. Take out the jaws and assemble in reversed order
Remove the jaws, replace with jaw selection, and re-assemble in reverse order.



MAINTENANCE

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Clean any dirt from the screw handle and lubricate the threads with vaseline after each use.

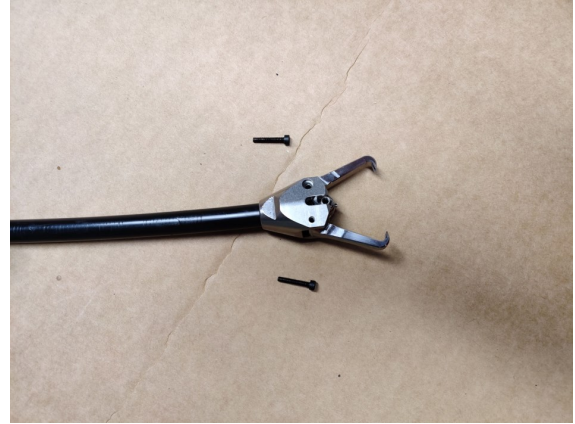


Clean dirt from the jaw mechanism and lubricate the mechanism with oil after each use.

REPAIRING DAMAGED CABLE - JAW END

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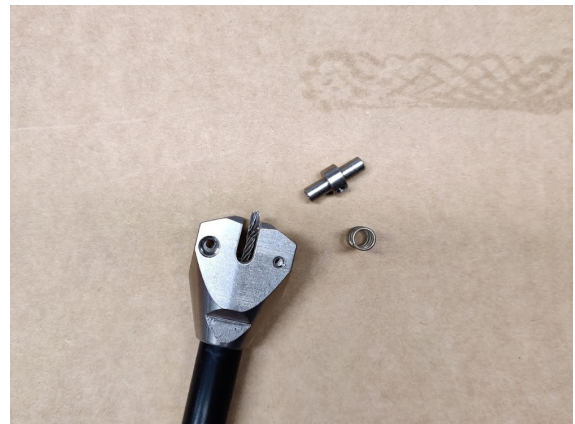
1. Use 2.5mm hex key to unscrew both screws **on the jaw head.**



2. **Remove the jaws.**



3. Use 2 & 3mm hex keys to unscrew the set screw to remove the wire holder and spring.



REPAIRING DAMAGED CABLE - JAW END

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4. Use a wrench to remove the jaw head.



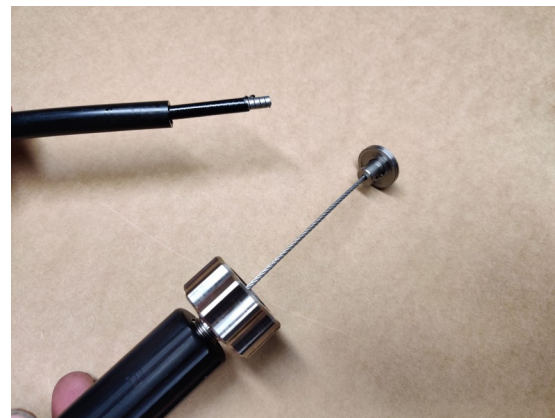
5. Carefully cut the outer casing. Avoid cutting the wire inside. **Remove** at least 25mm (1") of outer casing, or until you have exposed a small section of undamaged cable.



6. Trim the wire.



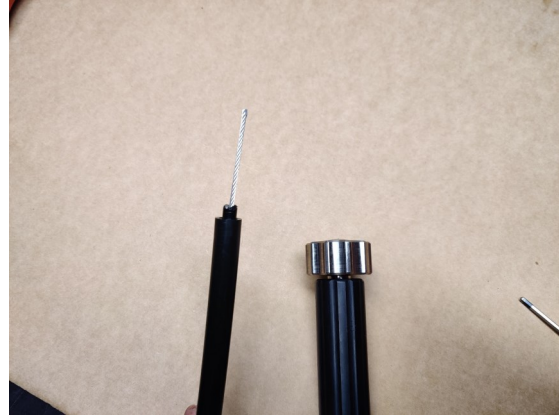
7. Pull the wire inside it's casing, at least the same length, as the trimmed outer casing.



REPAIRING DAMAGED CABLE - JAW END

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8. Trim the inner casing to the same length as the outer casing. Approximately 5mm (0.2") of the inner casing should be showing. Push the wire back inside and screw the handle all the way in.



9. Screw Jaw Head back on to the outer casing.



10. **Replace** the spring and the wire holder. Don't tighten the wire holder yet.



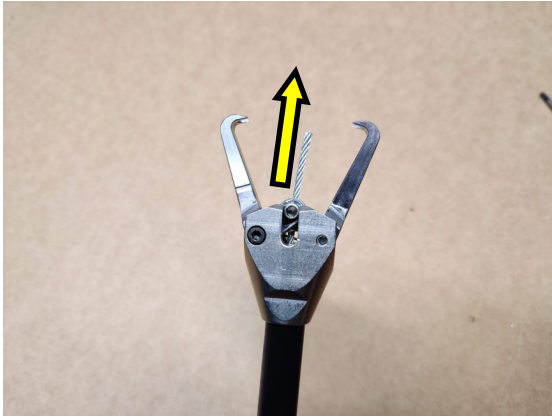
11. **Replace jaws and** tighten jaw screws.



REPAIRING DAMAGED CABLE - JAW END

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12. Pull the wire to **remove any wire slack**. Tighten the set screw.



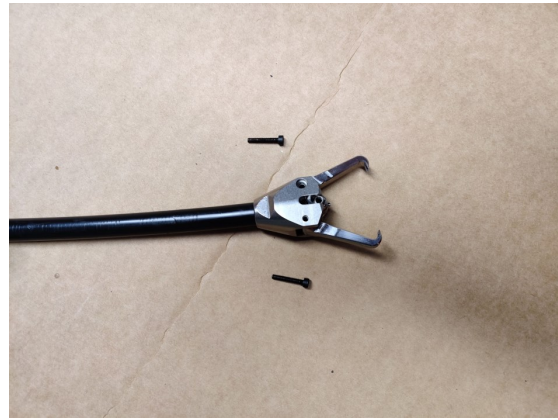
13. **Test to ensure the grabber is functioning properly and then trim** the excess wire.



REPAIRING A DAMAGED CABLE - HANDLE END

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1. Use 2.5mm hex key to unscrew both screws on the jaw head.



2. Remove the jaws.



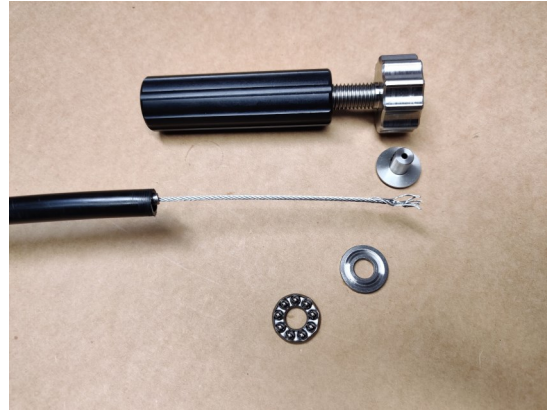
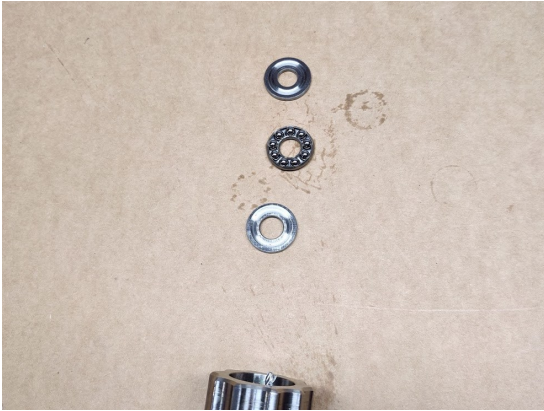
3. Use 1.5mm hex key to unscrew both set screws from the handle end cap.



REPAIRING DAMAGED CABLE - HANDLE END

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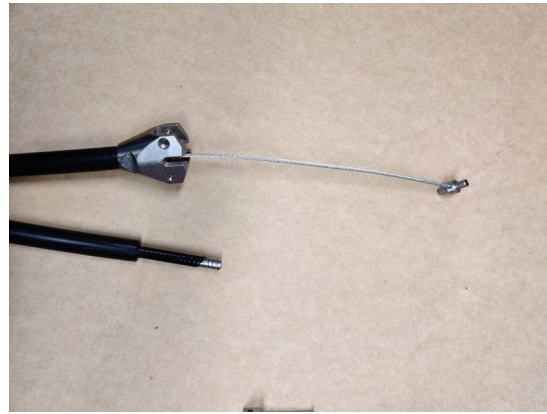
4. **Remove** the bearing and unscrew the handle off the outer casing



5. Carefully cut the outer casing. Avoid cutting the wire inside. Cut at least 25mm (1") or until you no damaged wire left. **(see notes above)**



6. Pull the wire at the jaw end and trim the inner casing the same length as the outer casing. Approximately 5mm (0.2") of the inner casing should be showing. **(see notes above)**



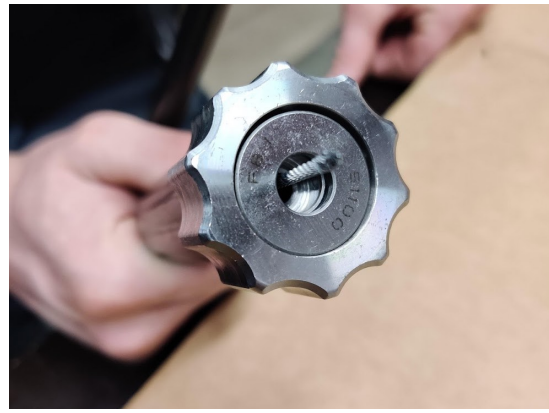
7. Push the wire back in and screw the handle back **onto** the outer casing.



REPAIRING DAMAGED CABLE - HANDLE END

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8. **Re-assemble** the handle in **reverse** order.



9. Put the end cap back, but don't push the wire completely through the end cap to avoid sharp edges. **Tighten the end cap set screw.**



REPAIRING DAMAGED CABLE - HANDLE END

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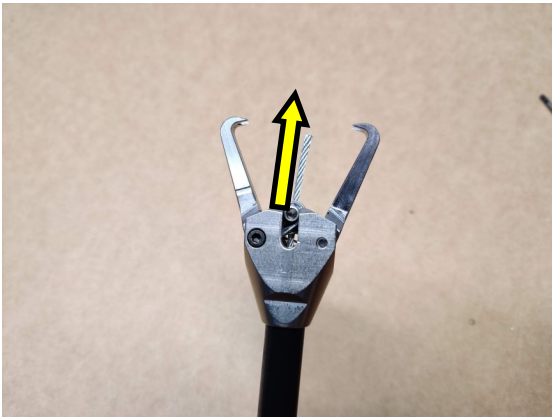
10. Loosen set screw **on the wire holder**



11. Put jaws back & tighten jaw screws.



12. Pull the wire to remove any **slack in the wire** at the handle end. Tighten the set screw.



13. **Test to ensure the Grabber is functioning and then trim the excess wire.**



If there is problem that you cannot resolve with this manual, please consult your Picote Reseller or Picote Solutions.

ACCESSORIES & SPARE PARTS

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WARNING

**This section contains important safety information.
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You must use only the Picote Solutions accessories and attachments with the machine described in this operations manual. The use of other accessories or attachments could present a risk of injury or death. The accessories or attachments should only be used in the proper and intended manner, and always follow Picote Solutions instructions.

SPARE PARTS

2370000024	Small Grabber Jaw Set 1 for DN50 (2")
2370000025	Small Grabber Jaw Set 2 for DN50 (2")
2370000026	Small Grabber Jaw Set 1 for DN75 (3")
2370000027	Small Grabber Jaw Set 2 for DN75 (3")

WARRANTY POLICY & PROCEDURE

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Limited Warranty:

Picote warrants to the original End User that the Product purchased by such End User will operate in accordance with, and substantially conform to their published specifications when shipped or otherwise delivered to the End User and for a period of one (1) year, except electric motors for which the warranty period shall be six (6) months, provided, however, that Picote does not warrant any claim or damage under this Warranty if such claim or damage results from:

1. Consumable parts or normal wear and tear resulting from use of the Products,
2. Misuse, neglect, or improper installation or maintenance of the Products, or use of Products not for their intended purpose,
3. Products that have been altered, modified, repaired, opened or tampered with by anyone other than Picote or an authorized Picote Service Centre, or unsuitable or unauthorized spare parts, accessories or third party products when using the Products or;
4. the use of the Products not in compliance with their respective Documentation, user manuals, safety and maintenance instructions, and any usage restrictions contained therein, or
5. accident, fire or other hazard.

Otherwise, the Products are sold AS IS. End User is responsible for using the Products within their specifications and instructions as contained in the Documentation.

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