

INSTRUCTION No. 74 FOR 6-VC1 WIRE ROPE CUTTER DIE

Nicopress Cutting Dies

Nicopress' 6-VC1 Cutting Dies are insertable dies specifically designed for operation with Nicopress 5606 Battery-Hydraulic compression tools. Use the tool only as described in this instruction manual.

PRECAUTIONS

1. Select only the appropriate material to be cut. Cutting materials other than those specified will result in severe tool damage and may cause personal injury. Consult factory if you have any questions about cutting capacities.
2. Always cut the material at a 90 degree angle to the blades.
3. Always point the tool away from people when cutting.
4. Keep the dies free of debris. Solvents can be used to clean the cutters, but should not be used on the plastic body.
5. Always wear eye protection when operating or servicing the dies. Failure to wear eye protection could result in serious eye injury from flying debris.
6. Inspect tool and blades before use. Replace any worn or damaged parts. A damaged or improperly assembled tool can break and strike nearby personnel.
7. Do not twist work piece or tool during cutting operation. Blade failure could result.
8. Oiling improves performance of cutters.

SPECIFICATIONS

CUTTING CAPACITY

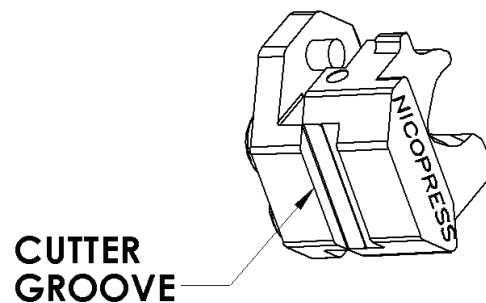
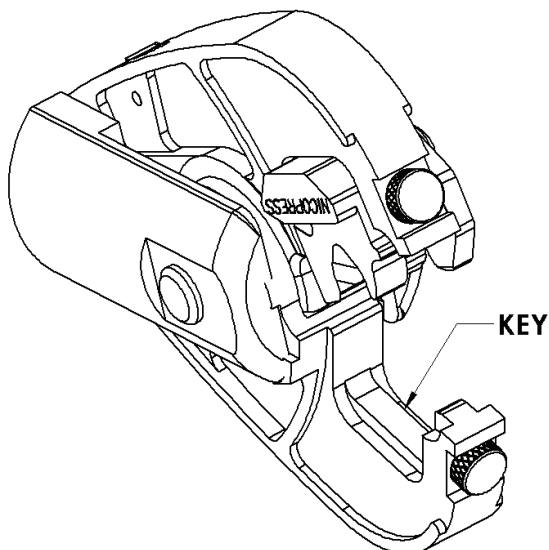
Galvanized Steel Cable (7x7; 7x19)
Stainless Steel Wire Rope (7x7; 7x19)
Synthetic Rope
Ground Rod
Electrical Cable (copper and aluminum)

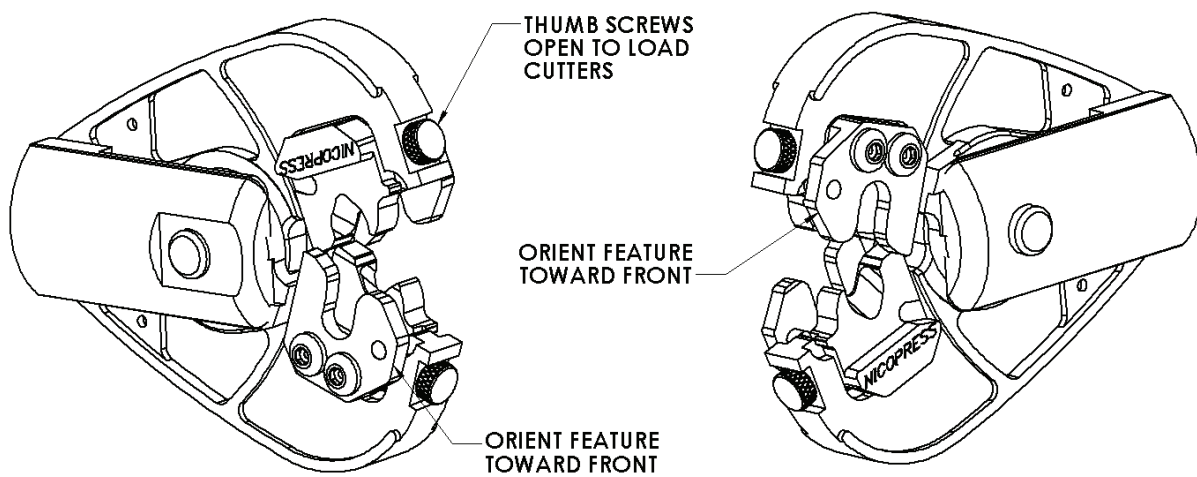
3/8" (9mm)
3/8" (9mm)
3/8" (9mm)
3/8" (9mm)
1/0 AWG (9mm)

OPERATION

1. Load cutters into battery tool

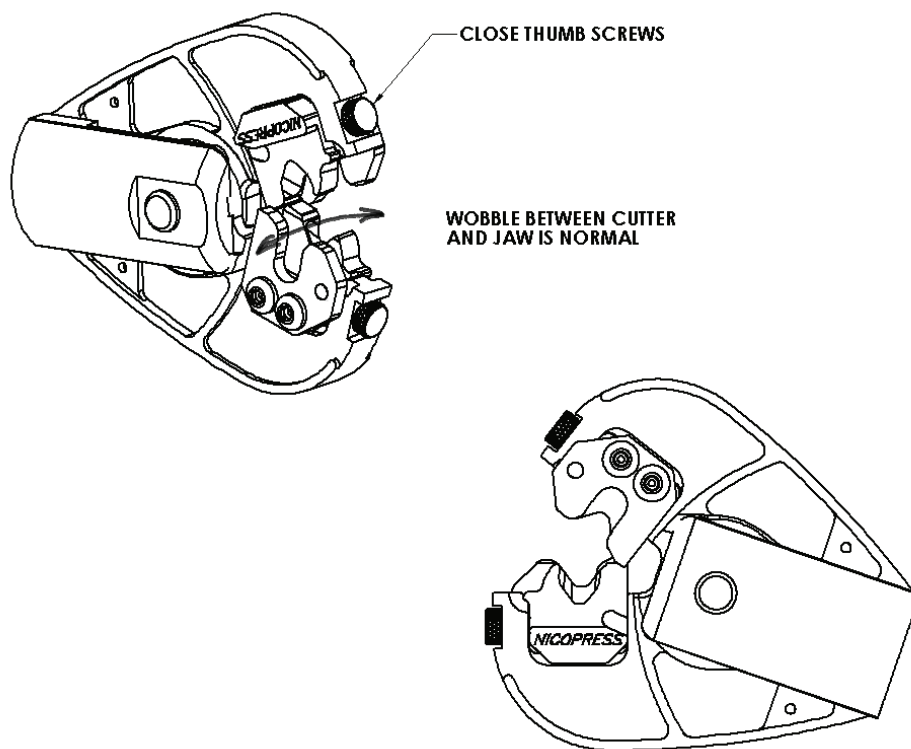
Ensure thumb screws are open to allow cutters to be inserted into die groove. Load cutters in sequence as shown in the figures below. Note that final orientation must be as shown in the figures below with the pin feature pointing toward jaw opening. Groove in cutters should be seated in key of battery tool jaw.





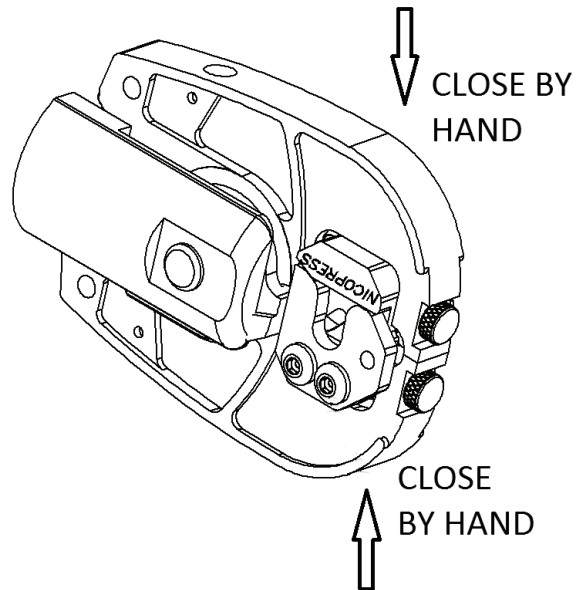
2. Tighten Screws

Tighten thumb screws to secure the cutting dies in battery tool jaws. Wobble between cutting dies and jaw is normal. Cutter dies should not be rigid within the battery tool jaws.



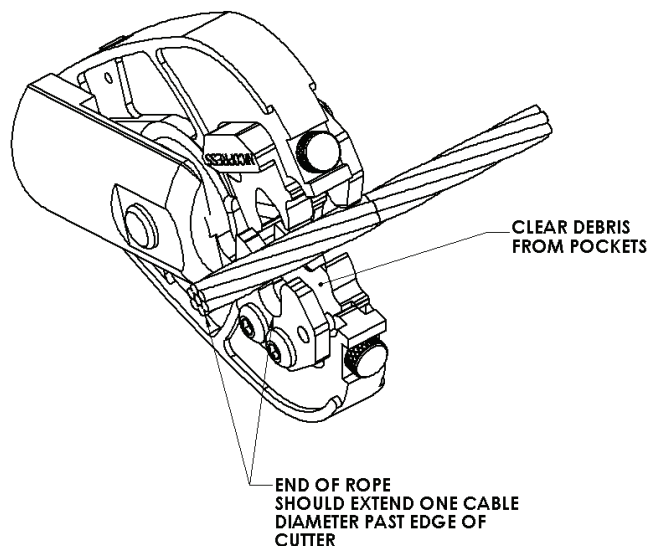
3. Verify Cutter Alignment

IMPORTANT!!! Close jaws by hand until fully closed. Jaws should close and release freely. Cutters align to a precision fit as battery tool jaws close. **If any sticking between cutters occurs, do not use tool.** Check proper seating of cutters in battery tool jaws (Step 1).



4. Cutting Wire Rope

- Open jaws completely by pressing release button on tool.
- Ensure material to be cut is within specified cutting capacity of tool.
- Insert cable to be cut into cutting die groove.
- Check material for proper alignment to cutting blades. It should be at a 90 degree angle to die.
- Ensure end of wire rope/cable extends at least one cable diameter past outer edge of cutting die.
- Pull trigger to make the cut.
- Advance the jaws until material is cut. It is not necessary to fully close the battery tool die as the wire rope will be completely cut just before full seating of the battery tool jaws. If you hear the battery tool rapidly clicking, then the tool is fully closed and overworking. Avoid cutting very dirty wire rope as heavy dirt and grit acts as an abrasive and severely dulls the cutting blades.



MAINTENANCE AND INSPECTION

BEFORE USE

1. Inspect die for wear or damage such as cracks, gouges or chips.
2. Inspect tool for damage or leaks.
3. Inspect rotation of the head fully open and close jaws manually as directed above. If damage is detected, return to factory for inspection.

AFTER USE

1. Use damp cloth and mild detergent to clean housing. Allow housing to dry.
2. Fully open jaws. Place tool in cool, dry place.
3. Clean cutter blade area of all debris and oil cutter die blades.

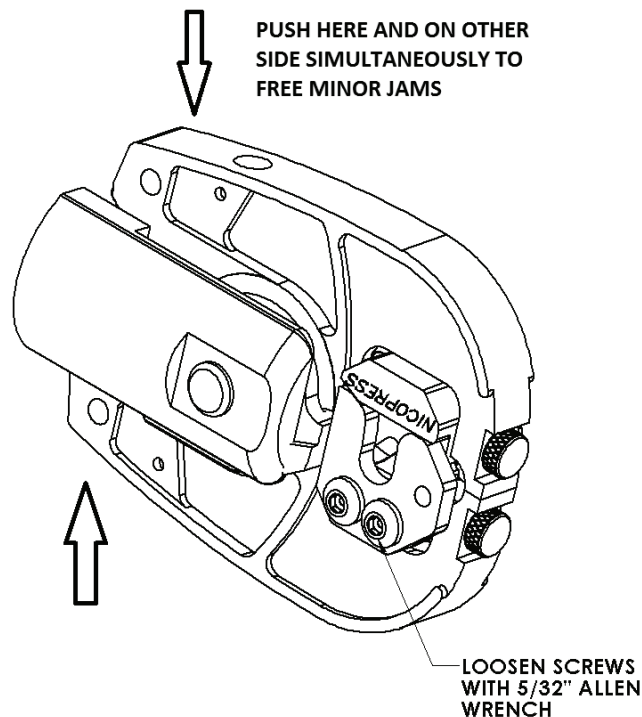
TROUBLESHOOTING

Minor Jams

Minor Jams may occur as dirt or debris from wire rope collects in cutter die pockets. Free minor jams by pushing down on back end of jaws by hand. Make certain battery tool release has been actuated. Clean cutter blade area and pockets of all debris. Oiling can only help.

Severe Jams

Loosen button head screws on sides of each cutter half using 5/32" allen wrench; clean debris from cutter and tighten screws. NEVER PRY BATTERY TOOL JAWS OPEN. If severe jam continues to occur after cleaning and reassembling tool, cutting die should be returned to factory for evaluation.



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