

Product Familiarization: Before You Begin — Caution: Read Warning on back page before proceeding



Fig. 1
Unit in Package



Fig. 2
Unit Separated

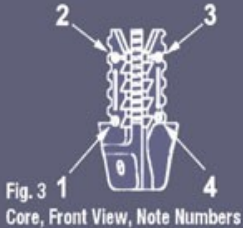


Fig. 3
Core, Front View, Note Numbers

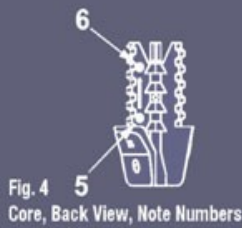
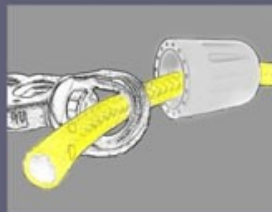


Fig. 4
Core, Back View, Note Numbers

➤ 1 Remove unit from package (fig. 1) Unscrew the nut from the core counter clockwise (fig. 2) Examine core - observe numbered channels seen in figs. 3 & 4

Parts included are:
1 Nut Figure 2
1 Core Figure 2

Step By Step Directions to Install a Splicing Nut



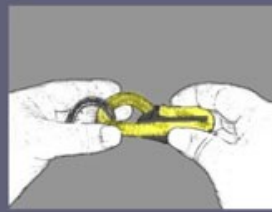
Step 1

➤ 1 Slide the nut on the line through the small hole located on the top of the nut (Step 1) . Then if you have any closed hardware to attach, slide hardware on after the nut .



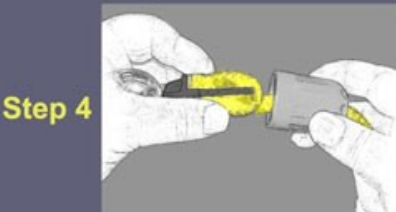
Step 2

➤ 2 Hold Core with groove 1-2, 3-4 facing towards you in one hand and in opposite hand hold the bitter end of line with the nut already attached.



Step 3

➤ 3 Find groove 1-2 and place the bitter end of the rope at the stop located next to the #1 (See Step 2)



Step 4

➤ 4 Follow the arrow up to #2 across to #3.



Finish

➤ 5 Follow arrow down to channel #4. If you attached hardware in Step 1 now slide fixed hardware onto the loop. (Step 3)

➤ 6 Now pull line across to #5. Pull on line to snug while holding onto the lines along the grooves with three fingers. Take line up to #6 (See Step 4)

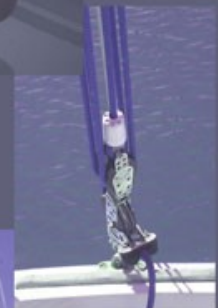
➤ 7 Place Nut on core still holding the line securely with three fingers rotate 2 times and stretch the line tight into the grooves

➤ 8 Screw together until the nut bottoms on the core, stop approximately every three turns and pull the line tight, this keeps the line from bunching together under the nut. See the done illustration, note line at inspection port.

If the nut is difficult to close, the closing motion on the nut should be, for every 1/2 turn of closure you back off a 1/4 turn and do another 1/2 turn of closure, with another 1/4 back turn and so on, (similar to a motorcycle throttle motion), until you bottom on the core! A proper line to SplicingNut sizing should have firm resistance to closing.

Disclaimer:

Recommendations are subject to environment and are dependent on the application and conditions of use, especially the potential danger to personnel. It is recommended that the user establish working loads and safety factors based on professional and experienced assessments of risks. When in doubt seek professional engineering guidance. The working load is a guideline for the use of a SplicingNut in good condition for non-critical applications and should be reduced where life, limb, or valuable property is involved, or exceptional service such as shock, sustained loading, severe vibration, etc. InoDesign is not responsible for applications not recommended or where gross negligence is applied.



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Warning: Instructions must be followed exactly, please read the following cautions carefully.

SplicingNut is intended for use with braided line. It is not recommended for use in high tensile applications where the ultimate breaking strength of the line expected. A point of reference, the use of the knots reduces breaking strength of line to approximately 60-70 % of the listed break strength, 50% being the rule of thumb. Cordage institute standards call for lines to be tested in an eye to eye splicing arrangement, most lines are not used in this fashion. See recommendations chart for further information. Manufacturers intending to use this part as an OEM should contact our engineering dept. for full range of options and load applications. Lines with heavy and tightly covered outer sleeves such as climbing ropes and marine lines such as Samson's warp speed are not recommended, this product should not be used with this type of line. Line with a soft hand that takes a turn easily work best with our product. This version of our product is not intended for use with high tensile lines such as Sampson's Amstel unless the line's tensile bearing capabilities are being used strictly for its elongation properties and the actual loads are comparable to what would be expected for high quality braided polyester lines. This product should not be used for unattended dock lines, anchor lines or other applications where storm surge may bring the line to loads close to the breaking strength. When using aloft or with overhead loads Always check inspection port for presence of the bitter end of the line. Man aloft or overhead loads, Do not exceed the working load of the line. We give the working load of a line as a 5:1, this safety factor is a standard in engineering practice for ground applications.

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