

STA-LOK®

Sta-Lok terminals offer a simple mechanical method of terminating wire ropes, offer a range of high-quality, high-performance wire rope fittings for 1x19, 7x7, 7x19, and Compact Strand wire ropes.

The Sta-Lok terminal works under constant loading and variable shock loading and has proven itself very reliable.

Sta-Lok produce 100% of the rated breaking load of wire rope and is approved by Lloyds Register of Shipping.

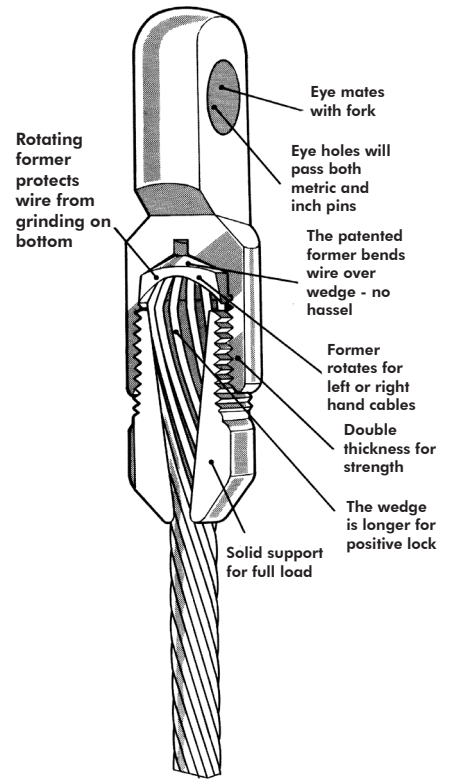
Sta-Lok parts can be fitted on site using simple hand tools. Exact length accuracy can be achieved without pre-measurement or calculation.

Manufactured from polished 316 stainless steel, all Sta-Lok terminals are reusable if originally assembled properly. (A new wedge component must be used.) Like all metal components in the marine environment, they should be inspected and cleaned on occasion. They require no servicing and provide long life and low maintenance costs.

Sta-Lok eye, fork, and stud ends have standard end fittings for wire rope and will suit most chain plates, turnbuckles, and tangs. (Common sizes are listed here. Call us if you do not see what you are looking for).

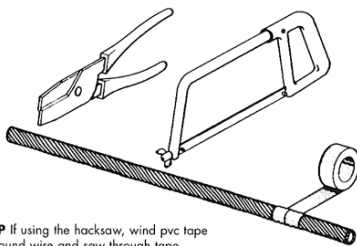
Sta-Lok connectors are a double-ended terminal and will join two pieces of wire together to repair stays and shrouds without replacing several feet of stainless steel wire rope.

The long terminals enable the replacement of damaged swage terminals without having to replace the wire rope.



STEP 1

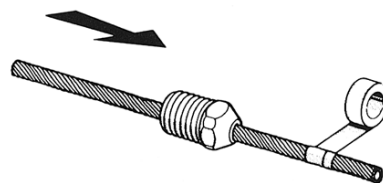
Cut Wire Rope



TIP If using the hacksaw, wind pvc tape around wire and saw through tape

STEP 2

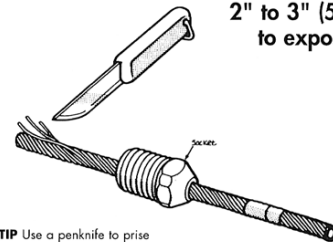
Slide socket component over wire



TIP Wind pvc tape around wire approx 12" (300mm) from end

STEP 3

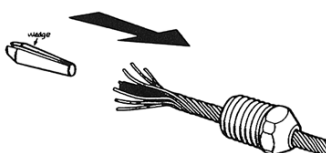
Unravel outer strands 2" to 3" (50-76mm) to expose central core



TIP Use a penknife to prise initial strands out of position

STEP 4

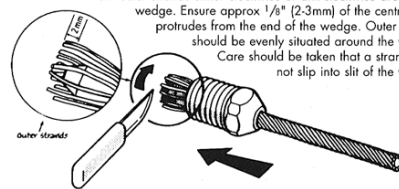
Slide wedge component over central core of wire rope



STEP 5

Reposition outer strands

Turn outer strands either clockwise or anti-clockwise around the wedge. Ensure approx 1/8" (2-3mm) of the central core protrudes from the end of the wedge. Outer strands should be evenly situated around the wedge. Core should be taken that a strand does not slip into slit of the wedge.

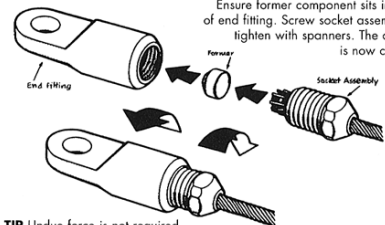


TIP Push the socket towards end of wire, while repositioning outer strands, this will help control. When wire strands are in position push socket firmly, as indicated to hold wires in position

STEP 6

Final Assembly

Ensure former component sits in bottom of end fitting. Screw socket assembly and tighten with spanners. The assembly is now complete.



TIP Undue force is not required to terminate the wire.

Loctite® or similar liquid thread locking compound should be used on the threads before initial assembly to act as a lubricant to prevent galling. Polysulfide can be used in the body of the terminal before final assembly and after visual inspection of the forming of the wire. This will keep water and salt from the interior of the terminal after final assembly. Check out our assembly tips on our web site www.sailingservices.com.