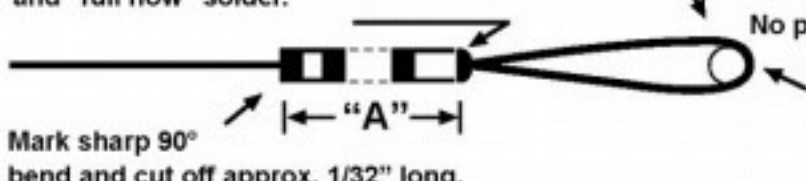


Figure 1. Single Line and Alternate Two Line Construction. (Aircraft End.)

| | |
|--------------------------------------|---------------------------------|
| Wire Dia. Up to .015 Over .015 | Min. Button Dia. B D .125 |
|--------------------------------------|---------------------------------|

Tight wrap with soft wire (copper, etc.) and "full flow" solder.

Make bend around rod.
Do not use pliers.
No plier marks allowed.

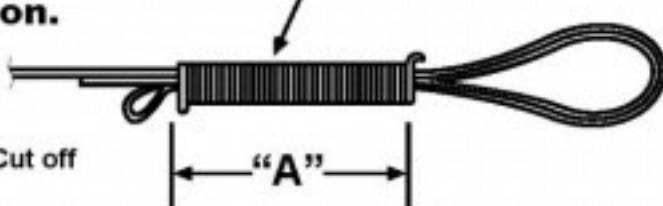


Mark sharp 90° bend and cut off approx. 1/32" long.

Figure 1A. Two Line Construction For Us With Button-Type Bellcranks. "Double Loop" Termination.

Form two concentric loops.
Do not use pliers.

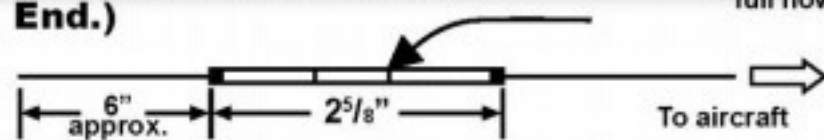
Tight wrap with soft wire and "full flow" solder.



Make sharp 90° bend. Cut off all ends approx. 1/32"

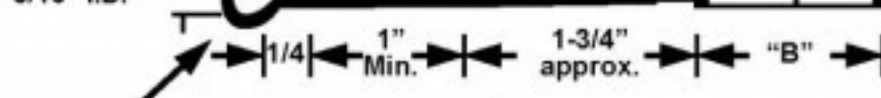
Figure 2. Single Line Construction. (Handle End.)

Step No. 1 Tight wrap with soft wire and "full flow" solder.



Step No. 2 Plan View
Approx. 5/16" I.D.

Tight wrap with soft wire and "full flow" solder.



After wrapping in step No. 1, from loop to approx. 5/16" I.D., starting 1/4" from end. Bend loop down approx. 45° from horizontal

| Class | Dim. "A" | Dim. "B" |
|---------|----------|----------|
| 1/2A | 1/2" | 1" |
| A | 1" | 1-1/2" |
| B | 1-1/4" | 2" |
| C | 1-1/4" | 2" |
| D & Jet | 1-1/2" | 3" |

Step No. 3 (Installation at handle end.)

Note: sweat solder all joints. No rust or corroded (black) spots allowed. Neutralize acid with baking soda.

Wrap 8 to 10 turns with soft wire. Hold doubles section of line in slot. Tie loose ends.

Figure 2A. (Alternate.)

Music wire wrap or tubing— "full flow" solder.

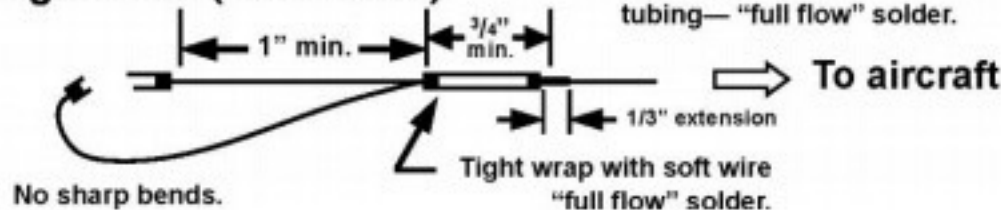
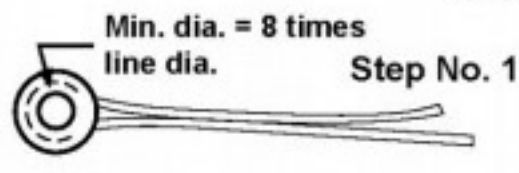
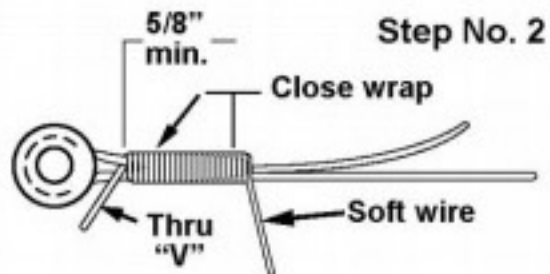


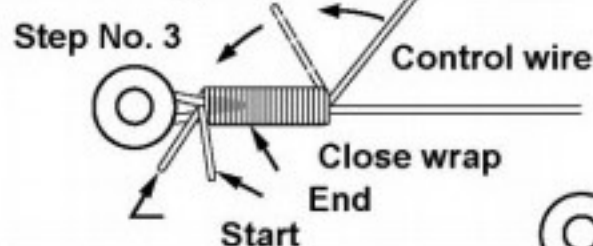
Figure 3. Two Line Construction



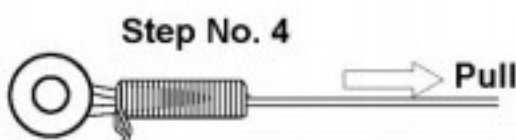
Wrap control wire twice around eyelet and lay end back against control line. Leave approx. 2" for handling.



Start with approx. 8" of fine serving wire. Tuck one end thru "V" and wrap control wires together for min. 5/8".



Fold control wire back along wrapped section and tuck end through "V." Wrap serving wire back toward start.



Twist serving wires together to lock wrapping. Pull control line to fully seat joint.

Coat wrapping with epoxy or solder to secure.

Figure 4. Alternate Construction Multi-Strand Lines Only.

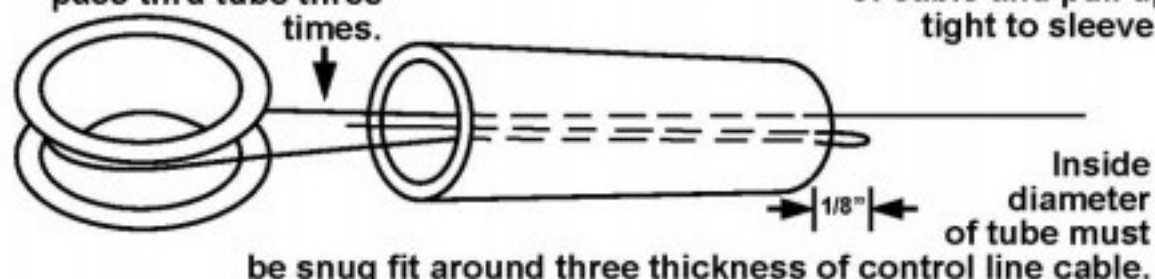
Step No. 1. Thread cable through sleeve and bend 1/2" as shown.



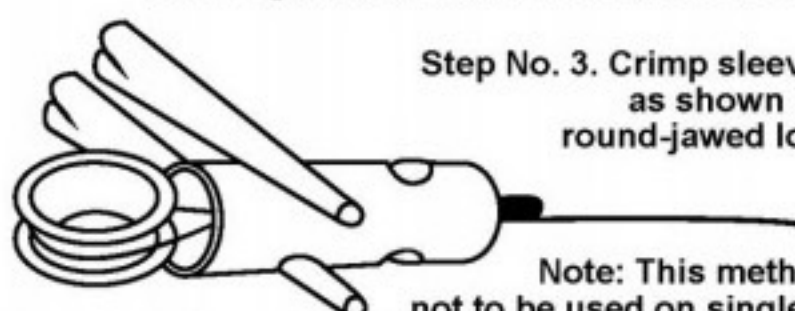
Copper or soft brass thick-walled tube.

Completed crimped fitting must have control line cable pass thru tube three times.

Step No. 2. Thread cable back through sleeve until 3/8" of cable is completely within sleeve and remaining 1/8" is showing as per drawing. Place brass thimble in loop of cable and pull up tight to sleeve.



be snug fit around three thickness of control line cable.



Step No. 3. Crimp sleeve in two places as shown in drawing. Use round-jawed long nose pliers.

Note: This method of assembly not to be used on single-strand control line. Use of brass thimbles to reduce line wear is recommended.