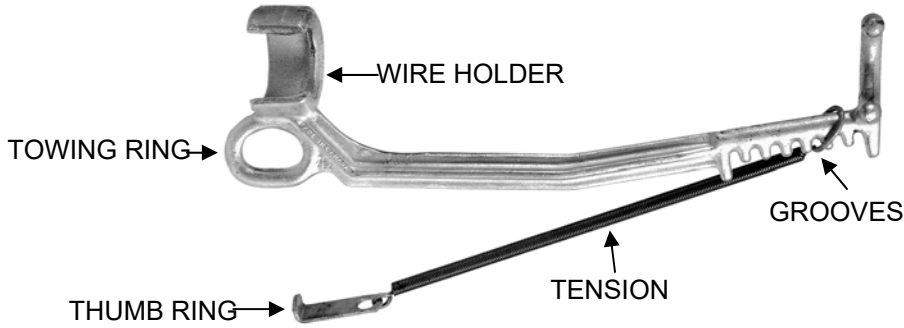


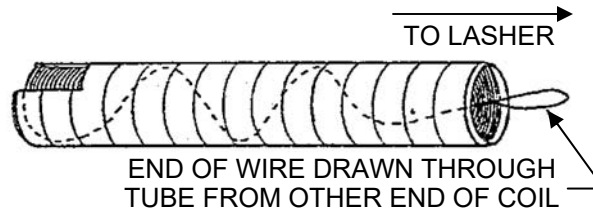


Z B Cable Lasher Instructions



The Z B Cable Lasher, is used to lash aerial cables up to 1 1/4" in diameter to strand or support wires. The Z B lasher may be used on horizontal or vertical runs for lashing cable to supporting strand attached to building brackets, slack spans and short aerial cable extensions.

The Z B Cable Lasher consists of a cast aluminum body with an integral towing ring, a cup that holds the coil of lashing wire and an adjustable tensioning spring. The tension spring is wrapped around the cable and strand and provides the tension in the lashing wire.



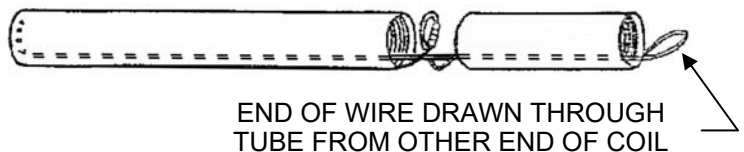
The Z B steel lashing wire coil, consists of 150 ft. of .045 stainless steel lashing wire in a 2" x 13" waxed cylinder. Coils can be cut to fit any special span length. Partly used coils can be joined and used to prevent waste. The length of lashing wire required varies with the size of cable and type of support wire or strand as indicated in the following table 1 and 2.

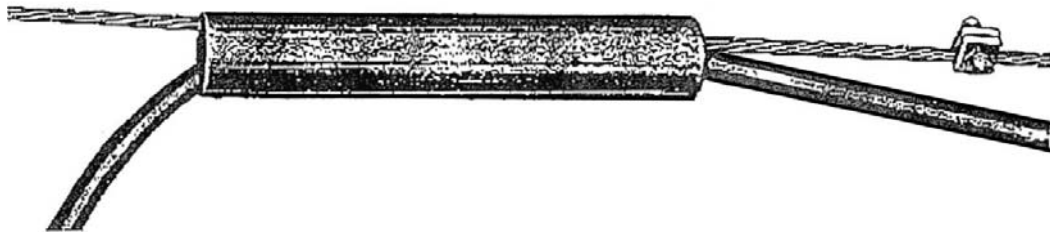
TABLE 1 Length of lashing wire required when 109 mil steel line wire is used as messenger					
Span Length in Feet					
Cable Size (in.)	10	25	60	75	100
1 1/4	12	30	60	90	120
1	11	28	56	83	111
3/4	11	27	54	80	107
1/2	11	26	52	78	104

TABLE 2 Length of lashing wire required when 5/16" (6M) strand is used as messenger					
Span Length in Feet					
Cable Size (in.)	10	25	60	75	100
1 1/4	13	33	65	98	130
1	12	30	59	88	117
3/4	12	28	56	84	111
1/2	11	27	54	81	107

If more than 150 ft. of lashing wire is required for a span, additional coils or parts of coils may be joined together as follows:

1. Wire from forward end of Coil 2 is cut and spliced to wire from rear end of Coil 1 using a tightly drawn reef or square knot.
2. Wire from the forward end of Coil 1, which is drawn through the coil to the rear is threaded on through Coil 2.
3. The coils are taped together with 2 inch friction tape.
4. More than 2 coils may be joined together using the method mentioned in 1 and 2 above. If less than 150 ft. is required the coil may be cut to the desired length

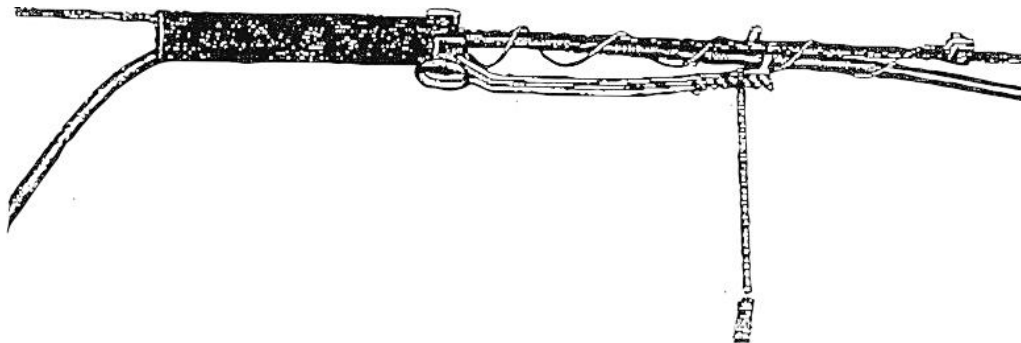




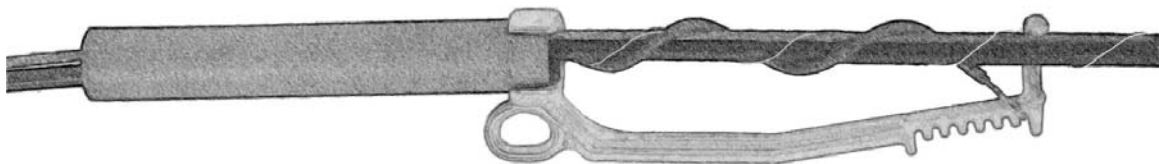
1. Slide Lashing Wire coil over the end of the strand and cable before they are tensioned, making sure that the arrows on the coil point in the direction of lashing.



2. Feed the lashing wire from the front, thru the tube, to the rear of the coil and attach to messenger strand or support wire in usual manner. Pull coil about 18" in direction of lashing to make room for cable lasher.



3. Place the Z B lasher on support wire or messenger strand with Towing Ring down and slide it along until the rear end of the lashing wire coil enters the holder on the lasher. Adjust lasher so Towing Ring is below the stand and cable.



4. For a small diameter cable, insert tensioning spring in the last groove at the right end of the Z B lasher and apply a moderate tension on the cable by passing the tensioning spring clockwise around the strand and cable for one or two complete wraps. The thumb ring on the spring is then attached to the hood on the holder of the Z B lasher. For a 1 1/4" diameter cable place the tensioning spring on the nearest groove and proceed as above. The purpose of the grooves is to allow lineman to vary tension as required.

5. Attach the towing line and pull the lasher along the cable. The tensioning spring should be tight enough to lash the cable and strand closely but not so tight that the lasher does not pull smoothly.

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