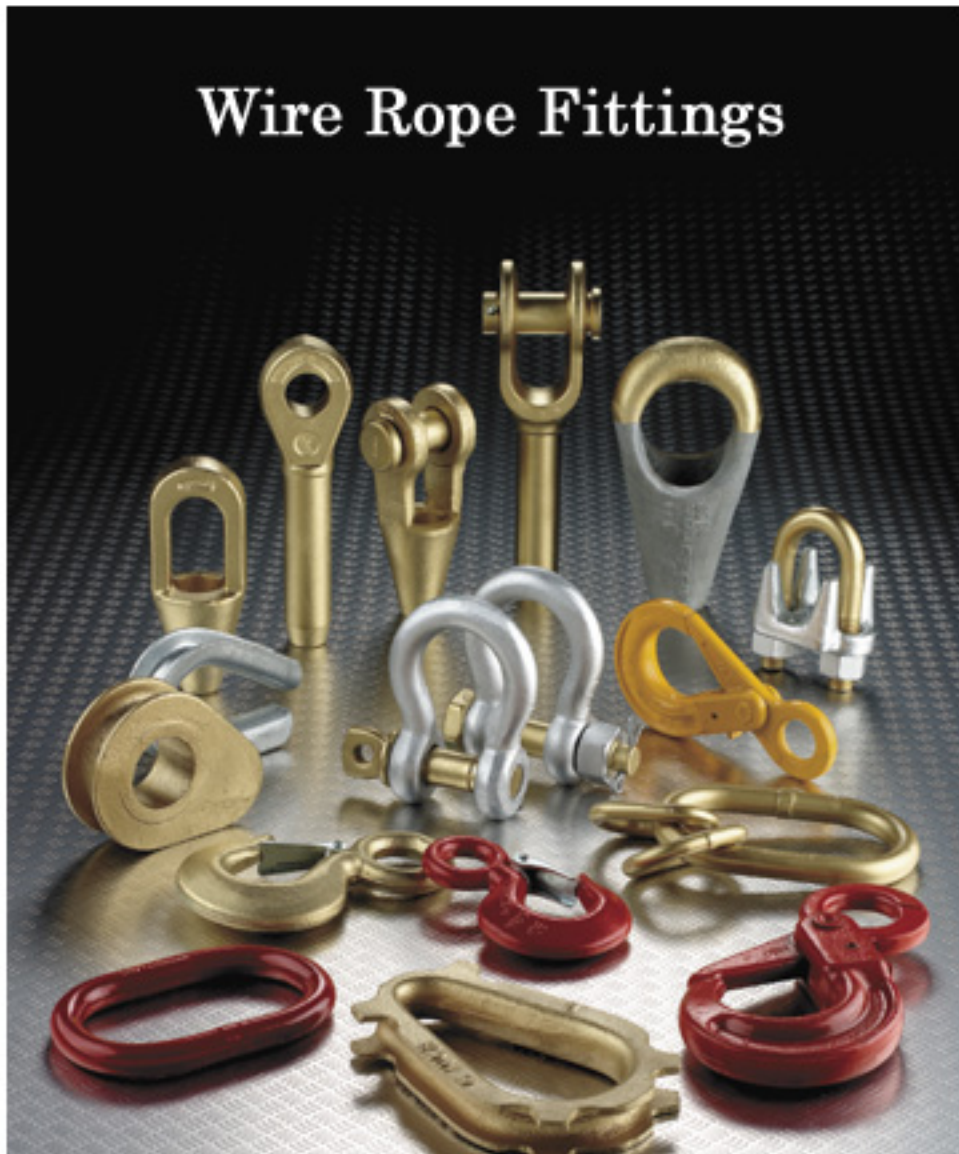




# Technical Data Manual

## Wire Rope Fittings





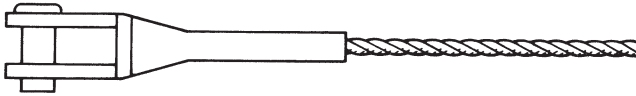
**SOUTHWEST  
WIRE ROPE, INC.**

# Fittings Attachment

End fittings, or attachments, are available in many designs, some of which were developed for particular applications. The six shown are among the most commonly used.



**WIRE ROPE SOCKET – SPELTER (ZINC) OR RESIN ATTACHMENT**



**WIRE ROPE SOCKET – SWAGED**



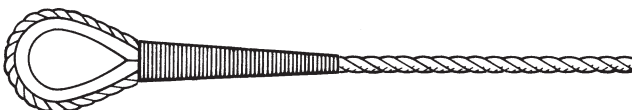
**MECHANICAL SPLICE – LOOP OR THIMBLE ATTACHMENT**



**WEDGE SOCKET**



**CLIPS – NUMBER OF CLIPS VARIES WITH ROPE SIZE**



**LOOP OR THIMBLE SPLICE – HAND TUCKED**



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WIRE ROPE, INC.**

# Recommended Method Of Applying Wire Rope Clips

## U-Bolt Clips

### RECOMMENDED METHOD OF APPLYING U-BOLT WIRE ROPE CLIPS.

1. Turn back the specified amount of rope from the thimble. Apply the first clip one base width from the dead end of the wire rope (U-bolt over dead end — live end rests in clip saddle). Tighten nuts evenly to recommended torque.
2. Apply the next clip as near the loop as possible. Turn on nuts firm but do not tighten.
3. Space additional clips if required equally between the first two. Turn on nuts — take up rope slack — tighten all nuts evenly on all clips to recommended torque.
4. **NOTICE!** Apply the initial load and retighten nuts to the recommended torque. Rope will stretch and shrink in diameter when loads are applied. Inspect periodically and retighten.

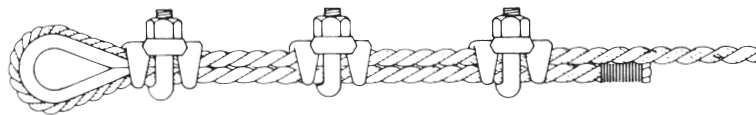
**IMPORTANT: Failure to make a termination in accordance with aforementioned instructions, or failure to periodically check and retighten to the recommended torque, will cause a reduction in aforementioned efficiency rating.**

## Twin Base Clips

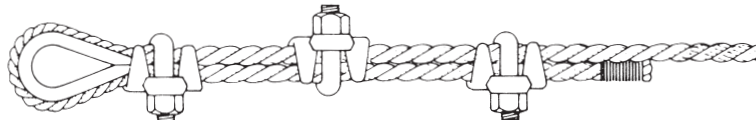
### RECOMMENDED METHOD OF APPLYING TWIN BASE WIRE ROPE CLIPS

1. Turn back the specified amount of rope from the thimble. Apply the first clip one base width from the dead end of the wire rope. Tighten nuts evenly to recommended torque.
2. Apply the next clip as near the loop as possible. Turn on nuts firm but do not tighten.
3. Space additional clips if required equally between the first two. Turn on nuts — take up rope slack — tighten all nuts evenly on all clips to recommended torque.
4. **NOTICE!** Apply the initial load and retighten nuts to the recommended torque. Rope will stretch and shrink in diameter when loads are applied. Inspect periodically and retighten.

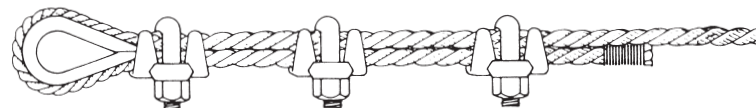
**IMPORTANT: Failure to make a termination in accordance with aforementioned instructions, or failure to periodically check and retighten to the recommended torque, will cause a reduction in aforementioned efficiency rating.**



RIGHT WAY FOR MAXIMUM ROPE STRENGTH



WRONG WAY: CLIPS STAGGERED



WRONG WAY: CLIPS REVERSED