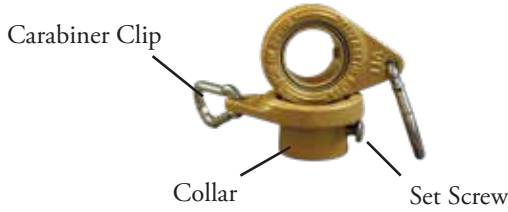


Spinning Ring Installation

Spinning Ring Set

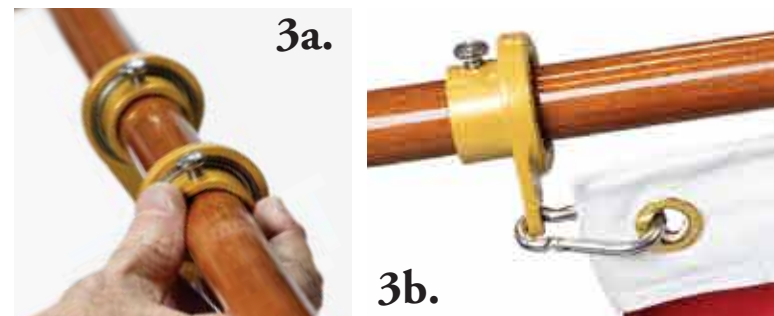


1. Remove the spinning rings from the Elizabeth Ross Logo Bag (*see figure 1.*)
2. Using a screwdriver,
 - On each ring, loosen (do not remove) the small set screw enough so the ring can slide onto the pole (*see figure 2.*)



3. Before attaching the flag,
 - Slide both rings on the pole (*see figure 3a.*)
 - Make sure the set screw is on the top side of the spinning ring
 - The carabiner clip should hang downward, and the screw should face away from where the flag will hang (*see figure 3b.*)

If installed upside down, the rings may not rotate properly



4. Position the top ring,
 - Slide the top ring near the finial
 - Attach the top grommet of the flag to the carabiner
 - Tighten the set screw until snug
 - Do not overtighten



5. Position the bottom ring,
 - Attach the bottom grommet to the lower ring's carabiner
 - Slide the ring upward until the flag hangs naturally and is lightly taut.
 - The flag should not be stretched tight.
 - Tighten the set screw until snug
 - Do no overtighten



Important: The top and bottom rings should both have their screws facing upward in the same direction, and the collar of the spinning ring facing towards the bottom of the pole

Troubleshooting

Properly installed spinning rings significantly reduce furling, but they cannot eliminate it entirely. Here are the most common setup issues:

1. Rings installed upside down

- If the collar is facing the pole's finial
- Rotation may be restricted
- The bearings can be mis-aligned

Remove and reinstall so that the collar faces the bottom of the pole



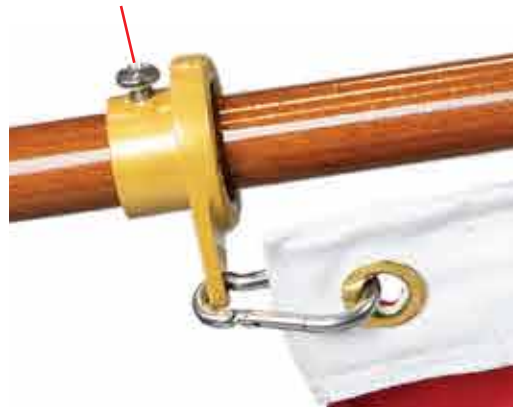
*Correct orientation:
Collar should face
away from finial*

2. Set screws facing the flag

- If the screws face toward the flag fabric
- The fabric can catch
- Rotation can be limited

Loosen and rotate the rings so the set screws face upward, away from the flag

*Correct orientation:
Screw should face
away from flag*



3. Rings too far apart (too much tension)

If the rings are spaced too far apart

- The flag becomes stretched too tightly
- Excess tension reduces the ability of the rings to spin freely
- The flag cannot pivot naturally with shifting wind

Slide the bottom ring slightly upward to reduce tension so the flag hangs naturally without being pulled tight



*Too much tension:
Rings should be closer
together*

4. Rings too close together (too much slack)

If the rings are too close together

- The flag has excessive slack
- Extra folds in the fabric increases the likelihood of wrapping around the pole
- The flag may not hang flat

Slide the bottom ring slightly downward to remove slack so the flag hangs evenly and can rotate freely



*Too much slack:
Rings should be
farther apart*

Important: If the wind hits the face of the flag rather than the edge, furling is more likely. Placement and wind conditions play a major role. In winds over 30 mph, we recommend taking the flag down to prevent stress to both the fabric and the hardware