



## STEP-BY-STEP

# Patriotic Napkin Rings

Difficulty: Medium • Glass Cutting: Simple • Firing: Kiln



### Materials:

Small Bracelet Mold/425715

Bullseye Mardi Gras Yellow, Blue, Red with Blue Streamers/B4223F

Bullseye Fusible White Opal Double Rolled #B011330

White Wasser Pre-cut Stars/424715

Bullseye 90 Red Orange Thin/B132250

Bullseye 90 True Blue/B040330

Bullseye Glastac Firing Glue #B8234

*Bring patriotic pizzazz to your Independence Day dinner party with these colorful napkin rings. This Step-by-Step was adapted from our kiln-formed bracelet tutorials. To learn more about creating kiln formed bracelets, or to locate supplies, simply use the search feature on DelphiGlass.com and type in "kiln bracelet" for a list of supplies.*

### Directions:

1. Begin by cutting four 1"x 6" strips of Bullseye Mardi Gras glass. Cut another four 1"x 6" strips of Bullseye Fusible White Opal - Double Rolled. Using the Red Orange and True Blue, cut 2 free formed squares from each of the two colors. Clean the glass well to remove any residue or fingerprints.

2. Lay the four white strips on your work surface. Apply a few drops of Bullseye Glastac Firing Glue #B8234. Lay one strip of the Bullseye Mardi Gras on top of each of the white strips. Apply a small drop of Glastac to the center of each strip stack and position the red squares on two of the strips and the blue squares to the remaining two strips. Apply a drop of Glastac to the center of the squares and position one Wasser White Star to the center of each square.

3. Set the blanks on a kiln shelf covered with a piece of shelf paper or a clean kiln shelf that has been coated with a high firing kiln wash. Fire the glass to a tack fuse (approximately 1325° – 1400° F) or until the edges of the glass are rounded and no longer sharp and the star still retains its shape. Begin checking the glass at around 1275°. Flash vent kiln to approximately 1100° F. Turn kiln off and allow the glass to cool back down to room temperature.

4. Using 1/32" Fiber Paper, cut a piece the length of the mandrel and wide enough to wrap around it. Secure with copper wire on each end.

5. Place a fused bracelet strip of the desired length on the prepared bracelet mandrel so that it is centered lengthwise and perpendicular to the mold. Turn the tabletop the kiln on high and monitor the bracelet until it has softened and the ends have drooped and are pointing straight down. Important safety note: Before manipulating the bracelet, turn off the kiln, put on the heat protective gloves and remove the lid of the kiln.

6. Wearing protective gloves, hold the bracelet tongs with both hands and starting at the top of the bracelet begin to gently glide the graphite paddles along the surface of the bracelet until you have slid down past the bracelet mandrel. It's important to note that you are maintaining constant contact with the glass and are actually gently pressing the glass into the mandrel and not pushing down on the glass. This "locks" the glass to the mandrel so that it doesn't move off center and out of position.

To push the ends of the bracelet up and under the mandrel, gently rotate to the right and continue gliding along the surface of the glass until you have reached the right end of the bracelet. The handle of the tongs should nearly be touching the collar of the kiln when you have completed this motion to ensure you have a secure wrap.

Now repeat this same motion and gently rotate the tongs to the left and push the left end of the bracelet up and under the mandrel.

Once complete, place the lid back on the kiln and check the pyrometer. It should be in the 1000-1100 deg. Fahrenheit range. If it's higher, remove the lid for a few seconds to allow the heat to dissipate and continue to do so until the pyrometer is in this temperature range. Turn the kiln on low and allow it to soak for 30 minutes to anneal the glass properly. Once complete, turn the kiln off and wait for it to cool off to room temperature before removing your completed project.

