**Simple Bypass Ring**

**Using PMC+ or PMC 3**

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**The purpose of this project**

- to make a simple ring
- to learn to size in ranges

PMC+ and PMC 3 are used for this project because of their strength after firing.

1. Roll out a sheet of PMC that is 5 cards thick. Cut a strip ¼” to 3/8” wide, and long enough to wrap around the finger with some left over. Here are some suggested lengths:

   - Ring sizes 7, 8, and 9 3 3/8” long
   - Ring sizes 5, 6, and 7 3 1/8” long
   - Ring sizes 3, 4, and 5 2 7/8” long

2. Texture it, or leave it plain. Let it dry. Sand the rough edges.

3. Fire the ring at 1650°F (900°C) for two hours. This achieves the maximum strength of the PMC.

4. After firing, carefully shape and size the ring around a mandrel or dowel. Position the mid-point of the ring on the mandrel and place it at a slight angle. Bend the ring ¼” at a time until you’ve worked all the way around. Offset the ends into a bypass design.

5. Tumble to a high shine. This also work hardens the PMC for additional strength. Oxidize, or leave as is.