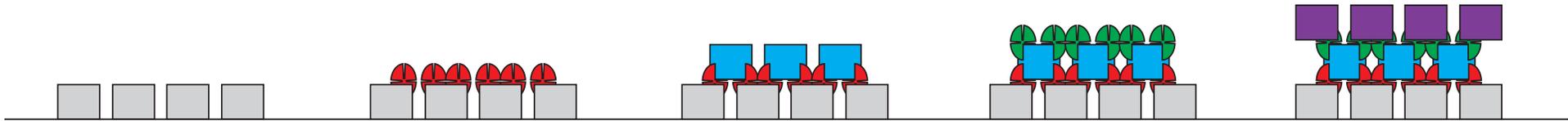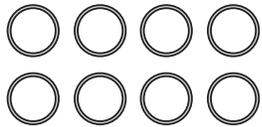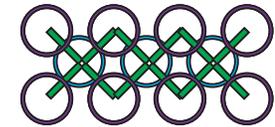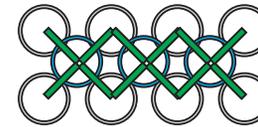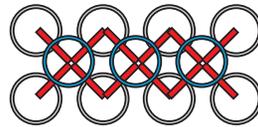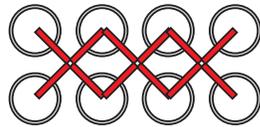# Spool Assembly Instructions

There is no right way to build with Spool, but basic construction steps for a sturdy wall structure are outlined below. It is easy to add corners, curves, etc, when you layout the footprint in step 1. More images are available online. We hope you enjoy building with Spool. If you make something cool, send us a photo we'd love to see it - shop@graindesign.com.

Side View

Top View

1. Lay out the footprint of the structure you wish to build starting with the rounds. A base two rounds deep is usually stable enough for constructions up to about five feet high.

Safety Note: Like any piece of furniture, large constructions can be knocked over and damage people and/or property. Spool is not engineered to support people or heavy loads. Grain accepts no responsibility for injury or damage.

2. Insert the first layer of connectors (shown in red) on rounds from step 1. End rounds will only require one connector, while interior rounds will need two (or more if your construction is more than two rounds deep).

At this point the rounds will still be independent from each other. Don't worry, you'll lock them together in step 3.

3. Insert the second layer of rounds in to the slots from step 2. Each round will fit into four connectors, and will lock together the base layer. See illustration above (shown in blue).

Tip: Make sure your base is still lined up straight as you go. It will be harder to change later.

4. Insert the next layer of connectors (shown in green), directly above the connectors from step 2.

5. Insert the next layer of rounds (shown in purple) directly over the first layer from step 1. Repeat steps until your desired height is reached.