



# The Durability Difference: Stuller Machined Bands

Stuller's team of expert manufacturers strive to provide you with the resources you need to delight your customers. Modern consumers want wedding bands that will last a lifetime, and you can help by providing high-quality, well-made pieces.

In our bustling manufacturing facility down in Lafayette, Louisiana, we create machined bands: precisely made, durable rings that are worthy of being a family heirloom. You, the jeweler, will be at the very beginning of that everlasting love story.

## How Are Machined Bands Made?

To create machined bands at Stuller, our team uses a process called cold drawing.

First, we take pipe that has been continuously cast and pass it through a series of dies that haven't been preheated. Then we draw it down onto rods that help us maintain an approximate

(but not exact) finger size.

In this die-reduction process, the operator starts with a larger die and slowly works it down, using multiple dies until they reach the near-finished finger size. Finally, the pipe is loaded into a CNC lathe, where it will be machined to the exact shape and finger size your customer needs.

The result? Heirloom-quality bands that are ready for finishing.

[To learn more about our manufacturing process, head to our website!](#)

## **Why Choose Machined Bands?**

Since Stuller's machined bands are cold drawn from pipe, they have a very different internal structure from cast bands, but it's this different structure that makes them incredibly dense.

Cast pieces have a crystalline structure. When cold working to create machined bands, the material has a fibrous structure. This takes out internal defects, such as porosity, and makes it strong.

Most people, if they don't have experience with making bands, won't recognize the difference – but the difference is there. For instance, every cast piece of jewelry is prone to

porosity. That's never an issue with machined bands since they're not cast to begin with.

## **Our Promise: Quality, Consistency, Durability**

Consistency, durability, and precision are crucial when it comes to wedding bands. When you need a supplier who can get you high-quality bands made from SCS-certified 100% recycled metals, choose Stuller.

From beginning to end – from melting the first gold bar to applying the final polish and sending the ring off for next-day delivery – our experts monitor each step of the process to ensure each wedding band you sell is worthy of the lifetime commitment it represents.

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Learn more about wedding bands and different ways to position these products by checking out some of our other blogs.

[Wedding Bands: Don't Forget the Guys](#)

[Shop Unique Men's Wedding Bands for the Groom](#)

[Contemporary Metal Bands: Trending and Here to Stay](#)