



NEW

REVOLUTIONARY

AWARD-WINNING

PREFORM™ SIZING SYSTEM

AVAILABLE EXCLUSIVELY FROM STULLER


STULLER
The beauty of it all™

Preform™
SIZING SYSTEM

Stuller's in-house METAL EXPERTS and master jewelers have developed a state-of-the-art ring sizing system designed to SAVE TIME and money while increasing productivity.

PREFORM SIZING STOCK, produced in four different thicknesses, is pre-measured to size rings up 1/2 size to 3 1/2 sizes in 1/2 size increments. It is produced to match the curvature in a ring and is available in all popular metal qualities, including X1™ white gold.

The rounded edges of Preform sizing stock PRECISELY match the machined ring shank and provide a flush fit, locking the stock into place while you weld or solder it together. This UNIQUE locking mechanism eliminates pitting, IMPROVES THE QUALITY of the joint, and dramatically decreases preparation and finishing time.

When this Preform Ring Sizing System was implemented in our Lafayette, Louisiana manufacturing facility, the process of sizing a ring was REDUCED TO ONE THIRD THE TIME it took using standard ring sizing techniques.

PREFORM™
SIZING STOCK
WILL MORE THAN
PAY FOR ITSELF
WITH THE
TIME IT SAVES,
THE WASTE IT
ELIMINATES,
AND THE
HIGHER QUALITY
PRODUCT IT YIELDS.
CONTACT US
TODAY TO ORDER
YOUR PREFORM
SIZING STOCK
AT 800.877.7777.

BENEFITS & ADVANTAGES

- seamless fit
- less pitting
- strong joints
- hands free soldering
- saves time
- easy to use
- high-quality construction



Here's what the EXPERTS have to say about the AWARD-WINNING Preform Sizing System

A Better Mousetrap

"I've been in the jewelry industry my whole life. When I began working full-time for my parents' business in 1975, I was doing diamond setting and jewelry repair, but dovetail joints were still hit or miss. Some days they were perfect; other days they looked like they did when I was still learning.

I went to the JCK show last year and got a good look at Stuller's Preform Sizing System, and thought, "There is a better way."

I've been using the Preform Sizing System for about nine months now and, for most rings, have found it very easy to use. I really like how the joints turn out... no air gaps. The pieces fit the first time and finishing the joint after the weld is faster, with less waste.

Like any new process, I had a learning curve, but Stuller was there with great support, resolving all my problems and answering all of my questions.

I highly recommend the Stuller Preform Sizing System. And, you can add sizes as needed with minimal investment.

You have truly invented a 'better mousetrap!' "

Steven J. Bartle
Owner of Bartle Jewelers, Mukwonago, WI

A No Brainer...

"There is only one word to describe this new type of sizing technique. "A no brainer." Its simple, fast and accurate with minimal effort... It's really amazing how short the learning curve is. A person can learn to size a ring in approximately 5 minutes with this system. In my opinion this is a God-send. "

Billy Beadle
Technical Trainer
Stuller, Inc.



Congratulations

"I was very impressed with the ingenuity of the new Preform sizing system. Not only does this method increase the speed of sizing rings up, it also improves the quality of the sizing joint. You end up with a snug fitting sizing joint in much less time than filing with a four corner file for the old tongue and-groove sizing joint.

Congratulations to the development team at Stuller for presenting another innovative benefit to the jewelry industry. "

David Welch
Certified Master Jeweler
Bill Brundage Jeweler, Louisville, KY

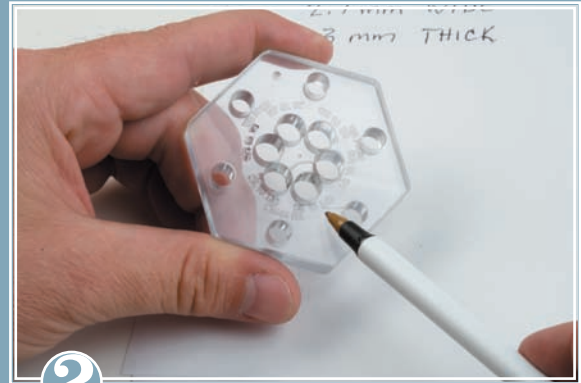
THE PREFORM SIZING METHOD

PATENT PENDING



1

Measure the width and thickness of the shank where the sizing joint will be. Notate your dimensions as well as how many sizes up you need.



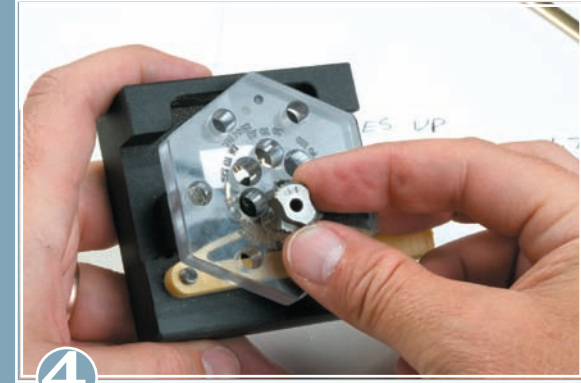
2

Refer to the clear 6-hole tops of the manual mill guide. Each hole represents the thickness range in millimeters. Find the hole with the range that best fits your shank thickness and reference the Preform stock thickness listed underneath.



3

Using the base of the manual mill guide, place the mounting on the mandrel with the shank oriented on the top towards the locking mechanism. Then snap locking mechanism into place, holding tension on the mounting shank.



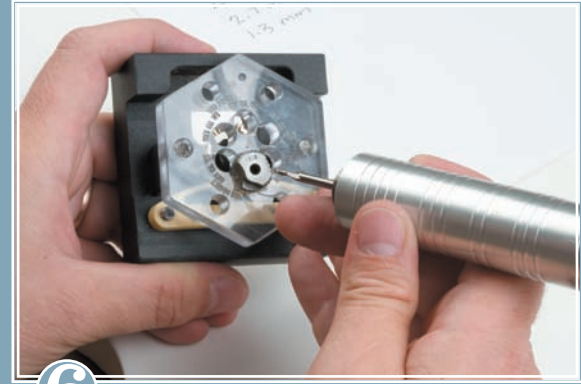
4

Find the hole that represents your range and align with the bottom of the shank towards the locking mechanism. Using guide pins, clear top should snap into place. Now, place metal drill guide into selected hole.



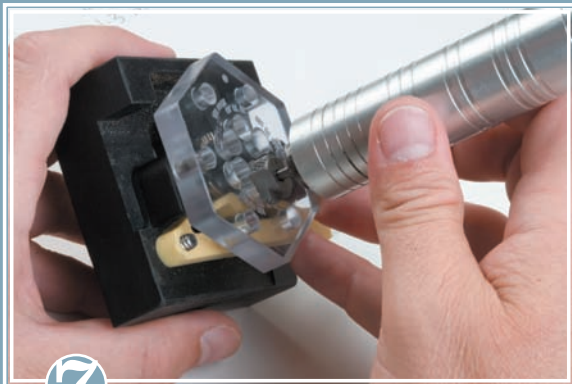
5

Choose the one of four end mill bits (1.2, 1.5, 1.75, and 2.0mm) offered by Stuller, which matches your already-determined Preform stock thickness to drill through the shank which creates the half-moon cut and matches the rounded ends of the Preform stock.



6

Using a chuck-style hand piece and flex shaft, insert end mill bit into the metal drill guide. The metal drill guide will keep the end mill perfectly straight as you drill through the shank.



7

Use caution as you are drilling by using very light pressure. Let the end mill do the cutting for you. Do not let the bit bottom out at the end of the cut, which could over-cut the half-moon piercing.



8

Remove the clear 6-hole top and unclamp the mounting from the vise. You should have pierced through the shank, creating the half-moon effect on each end which will match the ends of the Preform stock.



9

Open the mounting on your mandrel 1/4 size from size needed.



10

Snap the Preform into place. You should be able to do this without too much tension.



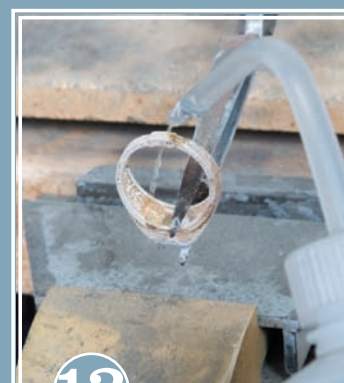
11

Set your dividers a little wider than your shank width and mark the Preform stock for cutting. Then, saw out the Preform piece needed for your sizing.



12

Snap the Preform piece into place.



13

Finally, solder together using your traditional soldering methods.



Manual Mill Guide

The manual mill guide is used to center and guide the drill bit when preparing the mounting to accept the Preform Stock. The vice includes a built-in ring clamp, a metal drill guide, and 2 clear tops with 6 selectable positions each for various shank thicknesses. Designed to work with all four sizes of mill bits.

48-1036 Preform Mill Guide – Call for pricing.

Instructional DVD is available with the purchase of a manual drill mill guide.



Preform™ Mill Bits

- 48-1043** 1.5mm stock \$14.85ea
- 48-1044** 1.75mm stock \$14.85ea
- 48-1045** 2.0mm stock \$14.85ea
- 48-1047** 1.2mm stock \$14.85ea
- 48-1046** Drill Set (4pc.) \$49.95ea



Preform Sizing Stock

Karat Gold Preform sizing stock is supplied in straight lengths with a medium hard temper unless otherwise requested. Minimum order is 1". Maximum straight length is 36". Annealing is available upon request.

Preform Sizing Stock is available in the following metal qualities: 10KY, 10KW, 14KY, 14KW, 14K X1™, 18KY and 18KW

Preform Sizing Stock

	Thickness (mm) x Width (Ring size)	Shank Thickness	10K DWT/FT	14K DWT/FT	18K DWT/FT
	1.2mm x 1/2 size	.7mm–1.08mm	5.95	6.68	7.95
	1.2mm x 1 size	.7mm–1.08mm	9.29	10.44	12.42
	1.2mm x 1.5 sizes	.7mm–1.08mm	12.62	14.18	16.88
	1.2mm x 2 sizes	.7mm–1.08mm	16.11	18.10	21.53
	1.2mm x 2.5 sizes	.7mm–1.08mm	19.45	21.85	26.00
	1.2mm x 3 sizes	.7mm–1.08mm	22.93	25.76	30.66
	1.2mm x 3.5 sizes	.7mm–1.08mm	25.97	29.18	34.73
	1.5mm x 1/2 size	1.09mm–1.36mm	8.28	9.24	11.04
	1.5mm x 1 size	1.09mm–1.36mm	12.36	13.92	16.56
	1.5mm x 1.5 sizes	1.09mm–1.36mm	16.68	18.72	22.32
	1.5mm x 2 sizes	1.09mm–1.36mm	24.00	27.00	32.16
	1.5mm x 2.5 sizes	1.09mm–1.36mm	25.68	28.80	34.32
	1.5mm x 3 sizes	1.09mm–1.36mm	29.76	33.48	39.84
	1.5mm x 3.5 sizes	1.09mm–1.36mm	34.20	38.40	45.72
	1.75mm x 1/2 size	1.37mm–1.61mm	10.15	11.40	13.57
	1.75mm x 1 size	1.37mm–1.61mm	15.00	16.80	20.04
	1.75mm x 1.5 sizes	1.37mm–1.61mm	20.52	23.04	27.36
	1.75mm x 2 sizes	1.37mm–1.61mm	24.00	27.00	32.16
	1.75mm x 2.5 sizes	1.37mm–1.61mm	31.20	35.04	41.64
	1.75mm x 3 sizes	1.37mm–1.61mm	34.44	38.64	45.96
	1.75mm x 3.5 sizes	1.37mm–1.61mm	40.80	45.84	54.60
	2.0mm x 1/2 size	1.62mm–1.86mm	12.48	14.04	16.68
	2.0mm x 1 size	1.62mm–1.86mm	18.24	20.52	24.36
	2.0mm x 1.5 sizes	1.62mm–1.86mm	24.00	27.00	32.16
	2.0mm x 2 sizes	1.62mm–1.86mm	29.88	33.60	39.96
	2.0mm x 2.5 sizes	1.62mm–1.86mm	35.52	39.96	47.52
	2.0mm x 3 sizes	1.62mm–1.86mm	42.24	47.40	56.40
	2.0mm x 3.5 sizes	1.62mm–1.86mm	47.52	53.40	63.60

Lead Times: 10KY, 14KY, 14KW and 18KY will ship same day in most cases. Back orders will ship the following day. All other shipping subject to order specifications and inventory on hand at time of order.



Precut Preform Sizing Stock

Karat Gold Precut Preform Sizing Stock is supplied in 4 thicknesses and premeasured to size rings 1/2 to 3 1/2 sizes up in 1/2 size increments in 1.5, 2, 3, and 4mm precut lengths.

Precut Preform Sizing Stock



1.5 mm DWT/EA	2 mm DWT/EA	3 mm DWT/EA	4 mm DWT/EA
.0329	.0438	.0657	.0876
.0515	.0686	.1029	.1372
.0698	.0930	.1395	.1860
.0890	.1186	.1779	.2372
.1076	.1434	.2151	.2868
.1268	.1690	.2535	.3380
.1436	.1914	.2871	.3828
.0455	.0606	.0909	.1203
.0685	.0913	.1370	.1827
.0921	.1228	.1843	.2457
.1329	.1772	.2657	.3543
.1417	.1890	.2835	.3780
.1648	.2197	.3295	.7391
.1890	.2520	.3780	.5039
.0561	.0748	.1122	.1496
.0827	.1102	.1653	.2204
.1134	.1512	.2268	.3024
.1329	.1772	.2658	.3544
.1725	.2300	.3450	.4600
.1902	.2536	.3804	.5072
.2256	.3008	.4512	.6016
.0692	.0922	.1383	.1844
.1010	.1346	.2019	.2692
.1329	.1772	.2658	.3544
.1653	.2204	.3306	.4408
.1967	.2622	.3933	.5244
.2333	.3110	.4665	.6220
.2628	.3504	.5256	.7008

All other metal qualities will ship the following day in most cases. Same day



Preform™ Precut Sizing Kit

The kits are available in 4 thickness options; 1.2, 1.5, 1.75, & 2.0 mm in 14KY, 14KW, 10KY and 10KW. Each kit contains 120 possible sizings with 2, 3, and 4mm precut pieces.

Approximately \$470 each based on \$600 gold.

Note: Charging an average of \$25 for each sizing, the kit has the potential to generate more than \$2,500 in profit for you.



Preform™ Sizing Stock Kit

The kits are available in 14KY and 14KW include 18 sizes of Preform Sizing Stock supplied in 1 inch pieces in three thickness options; 1.5, 1.75, and 2.0 mm from 1/2 size-3 sizes up in a convenient, reusable, plastic utility box.

KIT:100010:P Preform™ Kit 14KY

KIT:100020:P Preform™ Kit 14KW

Approximately \$938 each based on \$600 gold

Contact us today to order your Preform Sizing Stock at 800.877.7777 or visit us online at www.stuller.com.



Metals



Tools

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