

A simple guide to ring making.

Here is a quick guide to making a ring following from your workshop, this isn't going to go into as much detail as your workshop, but if you have any questions, feel free to get in touch!

When buying your silver, you can buy in lots of different profiles and dimension wires. When starting out, we don't recommend using any wire thicker than 2mm as it can be very difficult to work with. Make sure you buy all of your silver wire as soft or annealed.

In our silver ring workshop, we use the following wire:

- Stacking rings - 1.5mm round
- Chunky rings - 5mm * 0.84mm rectangle

1. Measure the length of metal needed - the length of metal needed can be calculated using the following calculation. $(\text{Inside diameter} + \text{Metal thickness}) \times 3.14 = \text{Length to cut}$. Go down a size if texturing.
2. File the ends completely flat and ensure the ends aren't slanted.
3. Twist the ends together and make the join as flush as possible creating a D shape.
4. Use a very small amount of solder on your join and heat until the solder has flown all the way through the join. Use your pliers to drop the ring into some water. Please also be aware that the soldering block will be hot.
5. Sand, refine, and buff join if needed.
6. Shape on a mandrel using a soft nylon or rubber mallet.
7. Buff the rest of the ring.
8. Texture your ring if needed.
9. Check the size of the ring, if texturing you may need to keep hammering till it becomes the right size. Plain bands should fit.
10. Solder any additions such as bezel cups on the opposite side to the previous solder join. Hold the ring in your third hand.

11. Pickle.
12. Your choice of polish.
13. Set stone if needed.

Sizing Chart

Start by finding the tightest ring size, as rings are much easier to be made bigger than smaller. The difference between ring size inside diameters is 0.4mm, so half size is 0.2mm. Your final length should be longer than the inside circumference on the chart.

UK Size	Inside Diameter (mm)	Inside Circumference (mm)
E	13.6	42.704
F	14	43.96
G	14.4	45.216
H	14.8	46.472
I	15.2	47.728
J	15.6	48.984
K	16	50.24
L	16.4	51.496
M	16.8	52.752
N	17.2	54.008
O	17.6	55.264
P	18	56.52
Q	18.4	57.776
R	18.8	59.032
S	19.2	60.288
T	19.6	61.544
U	20	62.8
V	20.4	64.056

W	20.8	65.312
X	21.2	66.568
Y	21.6	67.824
Z	22	69.08
1	22.4	70.336
2	22.8	71.592
3	23.2	72.848
4	23.6	74.104