

## Silversmithing for Jewellery Makers (New Edition)

Techniques, treatments & applications for inspirational design

Elizabeth Bone

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### Silversmithing for Jewellery Makers

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### Key Selling Points

- Covering over 20 techniques and tutorials, all the necessary tools and materials, as well as the profiles of six leading designers, this revised edition is the comprehensive guide to silver jewellery making for today's artisan
- Previous editions has sold 25,000 copies and received an excellent review in the Library Journal
- Now revised and updated to include new information, project inspiration and profiles of renowned jewellers, including Cynthia Eid, Regine Schwarzer and Ute Decker.

### Description

***Silversmithing for Jewellery Makers* is a lusciously illustrated book that offers an authoritative, inspirational insight into the art and craft of silver jewellery making for today's artisan.**

Now updated with new information, project inspiration and profiles of renowned jewellers, this remains the go-to book on silver jewellery making. Covering all the main skills, treatments and techniques, this comprehensive guide leaves nothing out. From soldering to engraving, every technique is explained with a detailed overview, followed by a carefully-illustrated step-by-step tutorial. Traditional techniques such as filigree are examined alongside contemporary designs and profiles of world-renowned jewellers, updated in this edition to also feature Cynthia Eid, Regine Schwarzer and Ute Decker.

A treasure trove of useful tips and information, the book also includes extensive sections on materials, tools and health and safety. An invaluable resource for professionals, a must-have guide for beginners and a unique source of inspiration for all levels of jewellery makers and designers, this book guarantees a strong position on the backlist.

### About the Author

Elizabeth is a professional jewellery artist, maker and educator. She has been designing and making jewellery for over 25 years, exhibiting and selling in the UK, Europe, America & Japan. Elizabeth's work has been featured in numerous jewellery publications and purchased by private collectors from all over the world. Elizabeth is passionate about sharing her knowledge. She has a wide range of teaching experience covering a broad spectrum of levels & subject areas. Visit Elizabeth's website [www.elizabethbone.co.uk](http://www.elizabethbone.co.uk) to see more of her work.

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## Reviews Anticipated in:

Bead & Jewellery Magazine  
Jewellery Focus

## Example spreads from the book

### RETICULATION TUTORIAL

*Recreating Sterling Silver Shells by Natalia Reid*

**THE PROCESS**

1. Designing a pattern of 18 gauge (2.0mm) sterling silver sheet (page 112 for information about designing patterns)
2. Use the ethanol block to help the silver retain some tempering throughout the process.
3. Use the ethanol block to heat the silver until it is bright red.
4. Play a design face over the back of the silver sheet and, once movement is possible, press the design into the silver with the ethanol block.
5. To release the silver, add fine silver spray and wire to the surface of the metal after filing the finishing process.
6. Allow the piece to cool for a few minutes in the ethanol block before opening, picking and finishing with a brush and light sand.
7. Cut up a large sheet of reticulated silver so that the same reticulated face can be used.
8. Use the reticulated silver, fabric and large silver spray (see page 112).
9. Check the finishing techniques when using reticulated silver with silver spray, because the silver spray can cause cracks.
10. Check the finishing techniques when using reticulated silver with silver spray, because the silver spray can cause cracks.
11. Check the finishing techniques when using reticulated silver with silver spray, because the silver spray can cause cracks.

**YOU WILL NEED**

- Design silver sheet (18 gauge)
- Ethanol spray
- Ethanol block
- Silver spray
- Silver spray
- Silver spray
- Silver spray
- Silver spray
- Silver spray
- Silver spray

**HINTS & TIPS**

Remove all finishing and cleaning, use with a large piece of silver sheet. Check and recheck the design on the ethanol block. The thickness of the ethanol block matters.

Allow the ethanol block to be the center of the design.

Change the angle of the work as you move the silver.

Annulation before finishing. The reticulated silver will be pushed through a filing roll.

Use the reticulated silver, fabric and large silver spray (see page 112).

Check the finishing techniques when using reticulated silver with silver spray, because the silver spray can cause cracks.

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### OXIDISING AND COLOURING

*Silver can be oxidized by the controlled use of both chemicals and heat. The oxidizing process work particularly well when the surface has recesses or areas because the colour helps to create depth and highlight detail, especially when combined with areas that have not received colour or had the colour removed from them. Reversing the colour as a particular part or using it next to another metal such as gold will create striking contrasts.*

*The oxidizing process are surface treatments, so they may not be durable enough for pieces of jewellery that receive a certain amount of wear and tear such as rings, because the silver will eventually wear away over time. Colouring normal silver and using abrasives to remove the colour from raised surface areas, leaving it in any recesses, help alleviate this problem.*

**COOPER PLATING**

Copper plating is used to give silver a warm, rich, reddish-brown color. The metal is oxidized by using a solution of copper sulfate and silver nitrate. The solution is applied to the silver and the silver is oxidized. The solution is applied to the silver and the silver is oxidized. The solution is applied to the silver and the silver is oxidized.

**HEAT COLOURING**

Heat coloring is used to give silver a warm, rich, reddish-brown color. The metal is oxidized by using a solution of copper sulfate and silver nitrate. The solution is applied to the silver and the silver is oxidized. The solution is applied to the silver and the silver is oxidized. The solution is applied to the silver and the silver is oxidized.

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### RETICULATION

*Reticulation is the marking of metal by controlled heat to produce a unique raised and recessed effect. The results are unpredictable and depend somewhat on practice and sensitivity, ensuring it is not possible to repeat exactly the same effect more than once.*

**MATERIALS FOR RETICULATION**

The thickness of the silver and the way it is heated will affect the reticulation. The silver should be heated to a bright red color. The silver should be heated to a bright red color. The silver should be heated to a bright red color.

**RETICULATION PROCESS**

The reticulation process is used to give silver a unique, raised and recessed effect. The metal is heated by using a solution of copper sulfate and silver nitrate. The solution is applied to the silver and the silver is oxidized. The solution is applied to the silver and the silver is oxidized.

## Related Titles

### COMPENDIUM OF JEWELLERY MAKING TECHNIQUES

250 tips, techniques and essential resources

### THE ART OF SOLDERING FOR JEWELLERY MAKERS: TECHNIQUES AND PROFILES

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