



Level of
design:
Intermediate



PERSONALISED PIERCED SILVER NECKLACE

By **Silvia Costantini**

What you'll need:

1mm Sterling Silver Sheet	CSA 100
14" Sterling Silver Loose Chain (e.g. Rope Chain)	WVR B00
4–5mm Sterling Silver Jump Ring	NVH H40/50
10mm Sterling Silver Trigger Clasp	NVF T10
Bench Peg Holder	999 083D
3" Deep Saw Frame	999 735
Grade 2/0 Saw Blades	972 060S
Beeswax	998 018
6" Ruler	999 576
Scriber	999 589
4" Steel Square (Engineer Square)	999 584
3" Divider	999 570
Centre Punch	999 590
Thor Rawhide Mallet with 3" Head	999 604
Freedom Pendant Motor	999 FD02
0.8mm Busch Shank Drill Bit	971 030
Safety Glasses	999 244
Vallorbe Glardon Needle Files	999 529
Tronex Chain Nose Plier	997 3022
Tronex Flat Nose Plier	997 3021
Micromesh Starter Kit	999 DDA

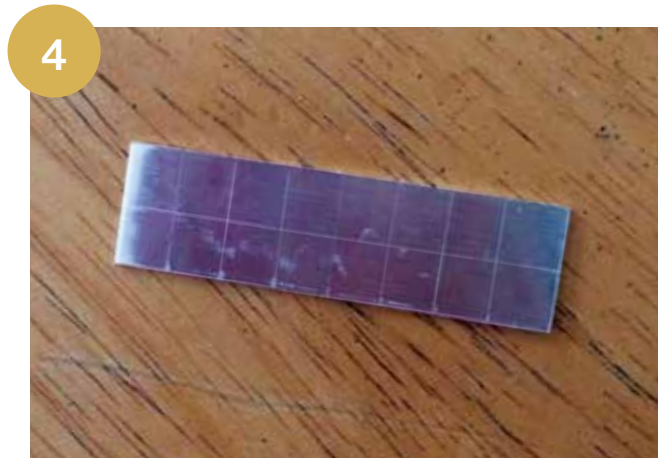
1: SKETCH

Sketch your design on your notepad.



4: MEASURE & MARK

Use the engineer square and scribe to mark out eight strips measuring 5mm each. Scribe on the other side two sections of 6mm each.



2: MEASURE & SCRIBE

Ensure your sheet is 12x40mm. Then, using your ruler, mark the sheet with a scribe or divider. Avoid making marks too deep. You will need to scribe these lines very lightly as they are only guides.



5: MARK A DIAGONAL LINE

Mark out a diagonal line where you will write the word or the name for your pendant.



3: FIND THE ANGLE

Use the engineer square to find the fair angle of the sheet.



6: MARK YOUR DESIGN

Freehand, mark out your design from the second to the seventh strip and mark two circles on the first and eighth strip.



7: MARK AGAIN & PUNCH

Using a pencil first and then the scribe, mark the metal. You can also use a fine tip marker for marking out and piercing your metal. Then, using the centre punch and mallet, mark out where you want to drill.

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**8: DRILL THE SHEET**

Run the drill slowly and do not push too hard. Remember to lubricate the drill bit with the beeswax to avoid friction heat.

HEALTH AND SAFETY

Always use the safety goggles when drilling metal.

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**9: CHECK YOUR BLADE**

Double check the tension of the saw blade, pinch it with your thumb like a violin chord. The piece being sawn needs to be secure and the teeth of the blade must point toward the saw frame's handle.

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**10: WORK INSIDE OUT**

Firstly, pierce the inside for better control of the piece and then work from the inside out.

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**11: FILE**

Use the needle files, half round, round, threesquare and square to remove burrs from the edges. The teeth on the all files point away from the handle and therefore cut on the push stroke. Lift the file or apply pressure on the return stroke. Press down on the top of the file with your index finger while filing and hold the piece stable.

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12: START TO FINISH

Use the benchpeg as support while you are filing; it will help secure your work. When you are polishing always wear goggles, an apron and dust mask to protect yourself. Before finishing the metal, make sure that all of the scratches have been removed from the surface by using the rough to fine emery paper grades. Always clean your metal before and between the grades and make sure not to move through the different grades too fast otherwise deeper scratches will remain.

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13: POLISH

Using the Micromesh set, hand polish your piece to a mirror finish. After filing and sanding the surface of the metal, you can obtain the high polish, satin or different finish desired depending on which accessories you use.

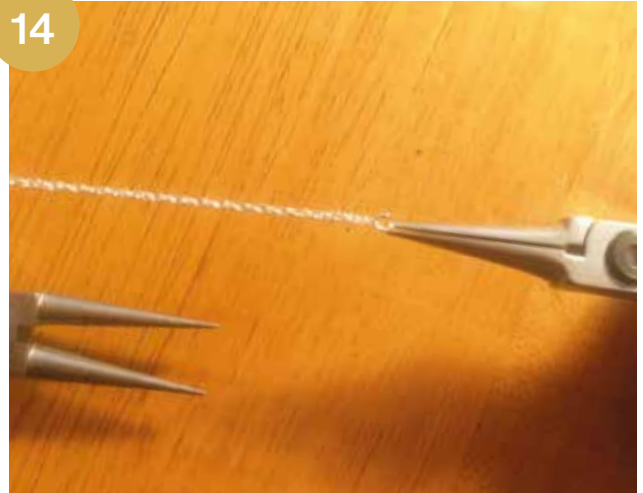
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14: PREPARE THE CHAIN

Cut the chain in to two pieces of 7" each. Use the 4mm heavyweight jump rings to connect the pendant to the chain and to a trigger clasp.

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15: ATTACH THE CHAIN

Using the chain pliers, open up the 4mm jump rings and join all of the pieces together through the jump rings. Then, use the 5mm jump ring for the end of the chain and you're finished.

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