



Open Frame Spiral & Lattice Holiday Bell Ornaments - Elegant Christmas Decor



m_collectable

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Summary

Festive openwork bells with spiral and lattice patterns. Lightweight and perfect for holiday decorating. Five Variants.

[Seasonal designs](#) > [Winter & Christmas & New Year's](#)

Tags: [decoration](#) [christmas](#) [geometric](#) [spiral](#) [minimalist](#)
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Celebrate the season with these intricately designed bell-shaped ornaments, featuring five variants of open geometric patterns in spiral, lattice, and linear styles. Each bell is optimized for 3D printing and maximum visual impact. Whether hung on a tree, in a window, or as part of a festive garland, these lightweight designs bring a modern twist to traditional holiday decor.

Printing Tips:

- No Supports or brim needed.

- Size is scalable. I was able to scale down to 75% and it printed well in PLA with 0.4mm nozzle and 0.2mm layer height.
- For an optional bulkier look, horizontal expansion (XY size compensation) of ~1mm can be added.
- You can scale the height relative to lateral dimensions to ease the overhang angles.
- The noTwist and lattice variants are easier to print.
- A small amount of stringing may result, a handheld torch is useful to deal with it.

The 3D models were created programmatically by me using OpenSCAD. I have come across similar designs that loosely inspired me. My designs were from scratch so I would classify them as original creations instead of remixes. Nonetheless, I would like to acknowledge the other designs and offer links as other available style choices for the audience:

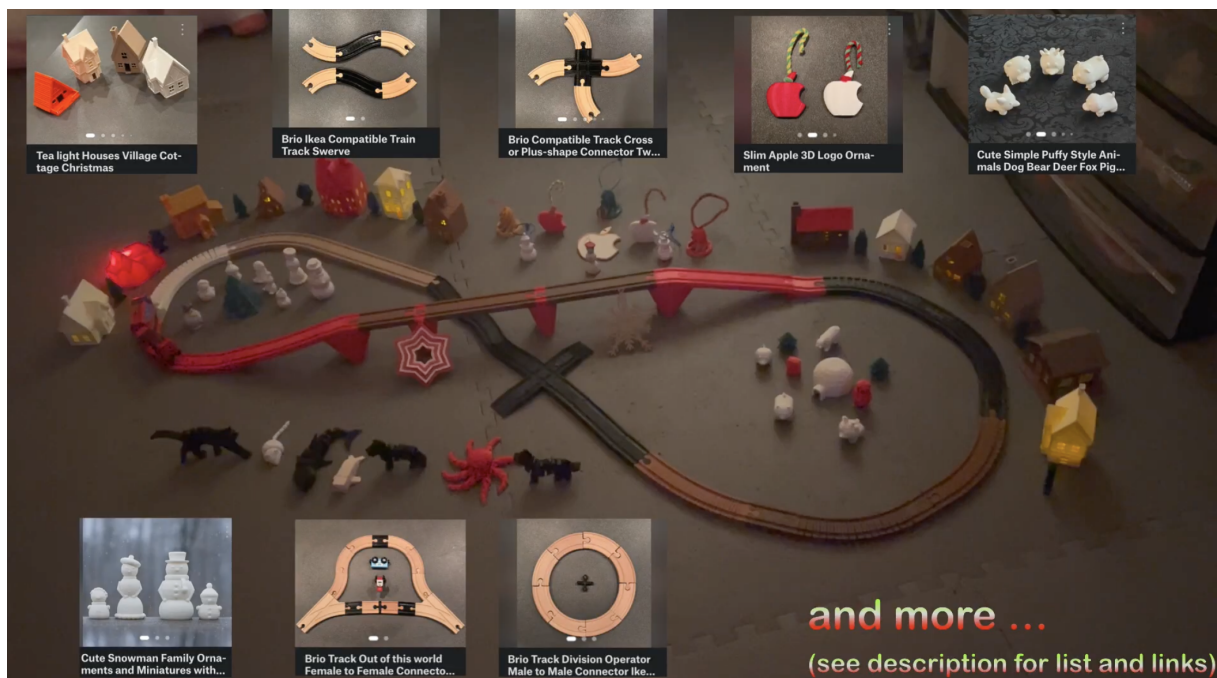
<https://www.printables.com/model/643087-3d-bell-earrings-ornaments>

<https://www.printables.com/model/341533-open-lattice-christmas-bell>

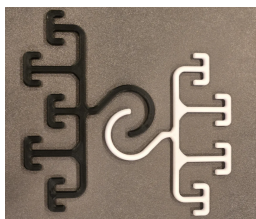
<https://www.thingiverse.com/thing:5612429>

<https://www.thingiverse.com/thing:5606663>

See some of these ornaments along with others in my Christmas Village Display:



And one last bonus, if you like the belt hanger and hook that are holding the bells (as pictured in some of my photos), they too can also be 3D-printed from my models; see my Household collection:



Model files



openframebells.stl



spiralbell_notwist.stl



spiralbell_lesstwist.stl



spiralbell_moretwist.stl



spiralbell_lattice.stl



spiralbell_lattice2.stl



allbells_orcaslicer_test.stl

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