



## Hinged Heart Print-in-Place Link Bracelet



GeekMomProjects

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### Summary

The heart links in this bracelet have their own heart shaped hinges, which pop nicely in a contrasting color.



2.30 hrs



3 pcs



0.10 mm



0.40 mm



PLA



9 g



Prusa MINI /  
MINI+

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These models print in place without supports and should flex easily straight off the print bed. A little wiggling may be required to loosen the joints.

I printed mine at 0.1 mm layer height and 50% infill. You might be able to get away with lower infill, but it probably won't make much of a time difference. Change to a contrasting color filament at 3.8 mm to see the heart-shaped hinges “pop” visually. Makes a great Valentine's day accessory.

The different models have the following lengths (slightly less when the clasp is closed):

- 9 links: 182 mm/ 7.2"
- 10 links: 201 mm / 7.9"
- 11 links: 220 mm / 8.7 "
- 12 links: 239 mm / 9.4 "

I couldn't get the 12-link version to fit on the bed of my Prusa MINI+, but it will work with a bigger print bed, so the STL file is included. Enjoy, and have a wonderful Valentine's day!

## Model files

### **hinged-heart-bracelet-9-links.3mf**



📄 182 mm/ 7.2"

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### **hinged-heart-bracelet-10-links.3mf**



📄 201 mm / 7.9"

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### **hinged-heart-bracelet-11-links.3mf**



📄 220 mm / 8.7 "

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### **hinged-heart-bracelet-9-links.stl**



📄 182 mm/ 7.2"

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### **hinged-heart-bracelet-10-links.stl**



📄 201 mm / 7.9"

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### **hinged-heart-bracelet-11-links.stl**



📄 220 mm / 8.7 "

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### hinged-heart-bracelet-12-links.stl

📏 239 mm / 9.4 "

### hearthingbracelet.f3d

📄 Fusion360 model file

## Print files



### hinged-heart-bracelet-9-links\_01mm\_pla\_mini\_2h18m.gcode

🌀 PLA 📏 0.40 mm 📏 0.10 mm ⌚ 2.30 hrs ⚖️ 9 g 🖨️ Prusa MINI / MINI+

📏 182 mm / 7.2"



### hinged-heart-bracelet-10-links\_01mm\_pla\_mini\_2h32m.gcode

🌀 PLA 📏 0.40 mm 📏 0.10 mm ⌚ 2.54 hrs ⚖️ 10 g 🖨️ Prusa MINI / MINI+

📏 201 mm / 7.9"



### hinged-heart-bracelet-11-links\_01mm\_pla\_mini\_2h47m.gcode

🌀 PLA 📏 0.40 mm 📏 0.10 mm ⌚ 2.78 hrs ⚖️ 11 g 🖨️ Prusa MINI / MINI+

📏 220 mm / 8.7 "

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