



## Yet Another Right Angle IKEA Skadis Connector



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[VIEW IN BROWSER](#)

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### Summary

Connects two Skadis pegboards at right angles to each other to make them stand



1.49 hrs



3 pcs



0.20 mm



0.40 mm



PLA



9 g



Prusa  
MK3/S/S+

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I looked for a Skadis right angle connector, and while I found two, there were issues with both of them.

- The first one I found was beautifully rounded, but didn't have an easy way to hold the washer in place while tightening the bolt.
- The other one didn't join the pegboards flush to each other.
- Neither of them had insets for hex socket head caps.

The bolt is M3x16.

The washer for this model is sized to match a #17 hex socket to make tightening them very easy. The hex nut fits VERY snugly in the washer, I use pliers to seat them, they aren't really press-to-fit, but I wanted them

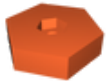
tight because I didn't want them to strip out the washer, and I didn't have square nuts, which would have been more suited for this application.

I put everything together reasonably loosely on the pegboard, and then position everything like I like and then tighten them up using the hex socket on a ratchet. I love the way they turned out.

I put one set at the top and one set at the bottom.

Source code for the model is available at <https://github.com/AnthonyZ71/yara-skadis>

## Model files



**skadis\_joiner\_washer.stl**



**skadis\_joiner.stl**



**skadis\_joiner-print.stl**

## Print files



**skadis\_joiner\_02mm\_pla\_mk3\_56m.gcode**

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 0.93 hrs ⚖️ 9 g 🖨️ Prusa MK3/S/S+

📋 One joiner and two washers



**skadis\_joiner-washer.gcode**

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 0.12 hrs ⚖️ 1 g

📋 Just a washer by itself



## skadis\_joiner-bracket.gcode

🌀 PLA 🌀 0.40 mm 🌀 0.20 mm 🕒 0.56 hrs 📊 7 g

📄 Just the bracket by itself.

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