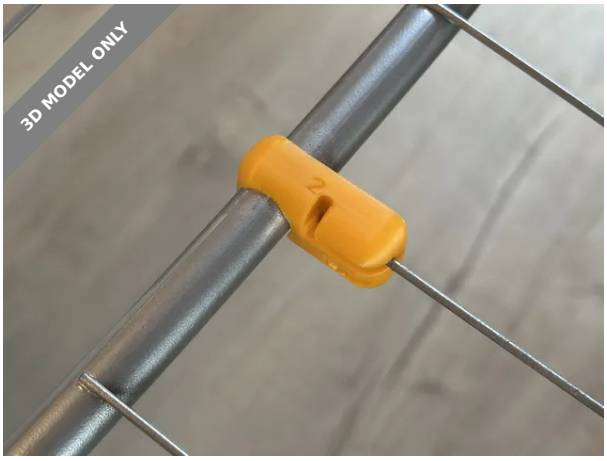


Repair Clip for Clothes Drying Rack - 190 Sizes

tljuniper

VIEW IN BROWSER

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Summary

Fix a broken drying rack with this clip. No additional hardware. Frame sizes 10-20mm and rung sizes 2-6mm (+parametric).

Household > Other House Equipment

Tags: hanger clip repair dryer fix clothesdryer laundry clotheshanger laundrydryer laundryrack clothesdryingrack

Repair Clip for Clothes Drying Rack

The metal rungs of drying racks tend to snap off after some time, leaving the metal part dangling. This clip fixes that.

You will need to bend the rung so that it securely attaches to the clip. The clip has a separate slot for this so you don't need to measure where to bend.

Sizes

The size of my dryer is 14mm for the frame and 2.5mm for the rung -- I believe this is a very common size.

The model is parametric, so you can configure any size you want. I have pre-generated the following combinations:

- Frames/Pipes/Tubes from 10.0mm, 10.5mm, 11.0mm ... up to 20.0mm
- Rungs/Rods/Lines from 2.0mm, 2.5mm, 3mm ... up to 6mm

The models include .2mm printer slack on both sides and for the rung there's an additional .3mm of wiggle room, so it's easier to slide in even when the bend isn't perfect.

Printing

What I used:

- PLA
- 0.16mm layer height
- 5 wall loops
- 25% gyroid infill
- no supports - part is in printing orientation

Installation

1. Preparation: Bend the rung using slot "1"

Stick the broken rung into slot "1" as far as it goes and then bend it to 90 degrees. Pull it back out.

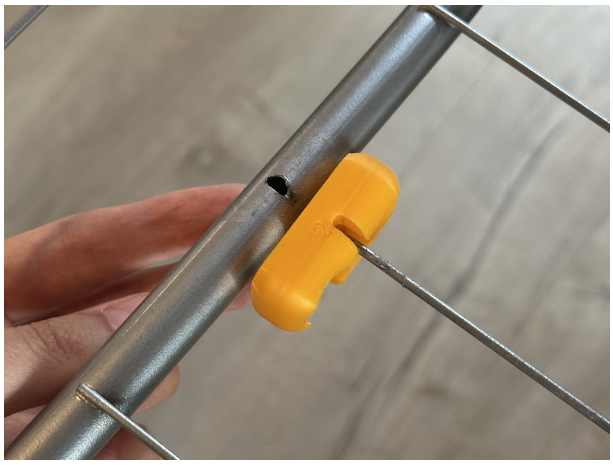
Note: There are some drying rack models out there with very strong rungs that can't be bent with this part. If that's the case for you, try giving it a go with some pliers instead.





2. Make a T using slot "2"

Stick the rung into slot "2" so that it forms the letter "T".



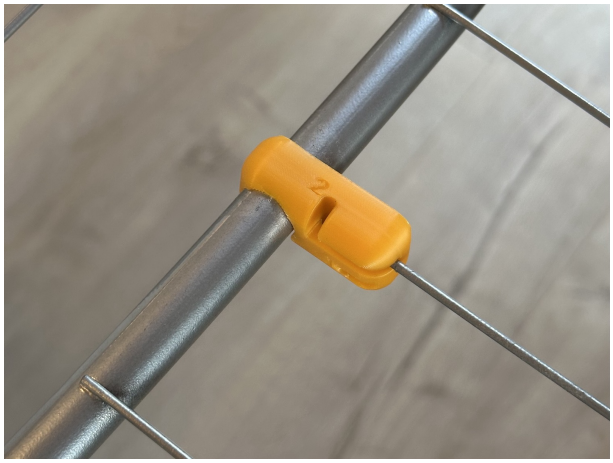
3. Turn clockwise

Turn the clip around clockwise until the clip is in line with the rung.



4. Snap onto frame

Only now snap the clip assembly onto the frame. Done!



Modifications ⚙

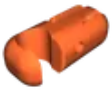
This is an OpenSCAD model, so you can play around with it and change the dimensions or shape if you like. It uses the BOSL2 library, so you'll need to install this to work with the model.

Model files

	Frame_10_0	9 files
	clothes_dryer_fix_frame_10_0_rung_2_0.3mf	



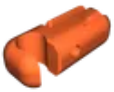
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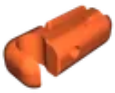
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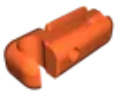
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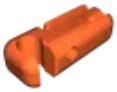
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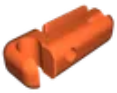
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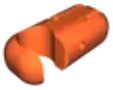
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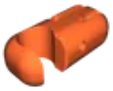
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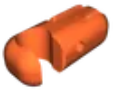
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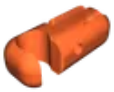
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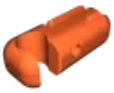
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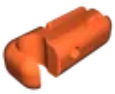
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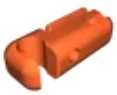
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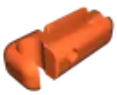
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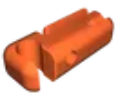
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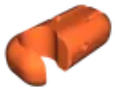


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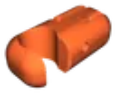


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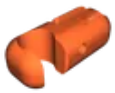
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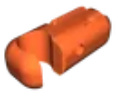
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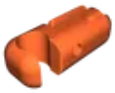
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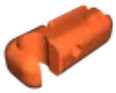
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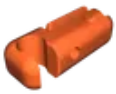
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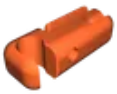
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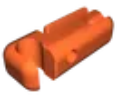
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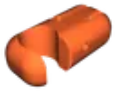


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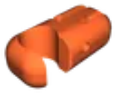


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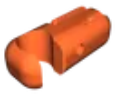
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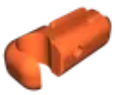
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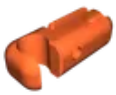
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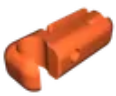
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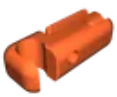
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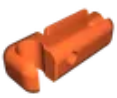
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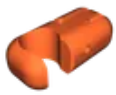


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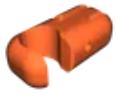


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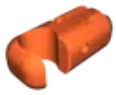
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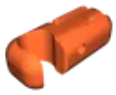
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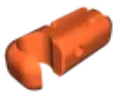
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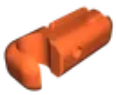
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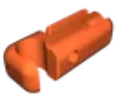
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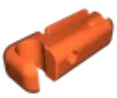
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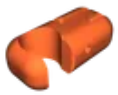


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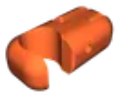


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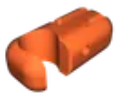
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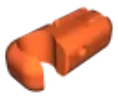
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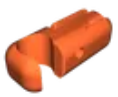
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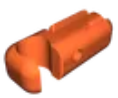
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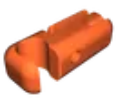
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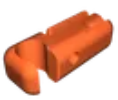
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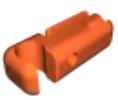
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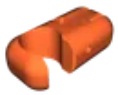


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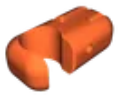


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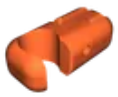
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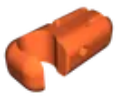
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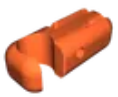
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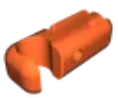
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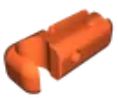
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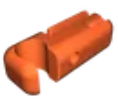
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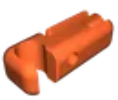
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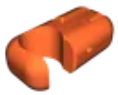


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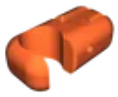


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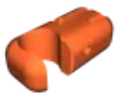
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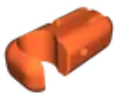
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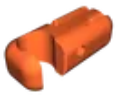
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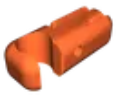
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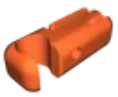
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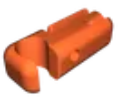
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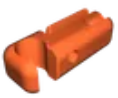
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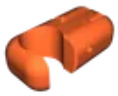


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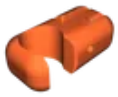


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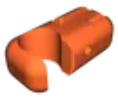
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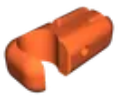
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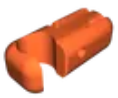
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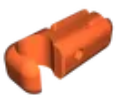
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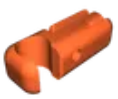
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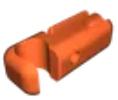
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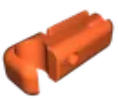
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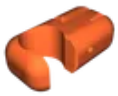


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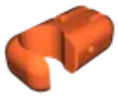


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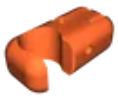
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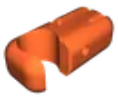
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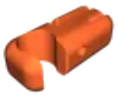
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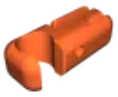
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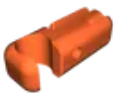
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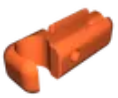
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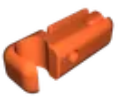
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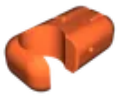


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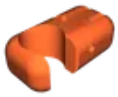


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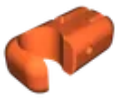
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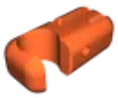
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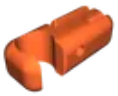
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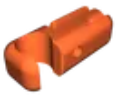
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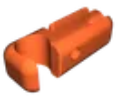
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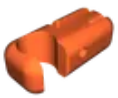
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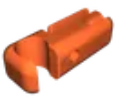
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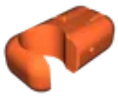


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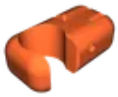


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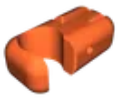
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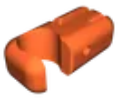
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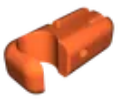
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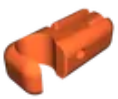
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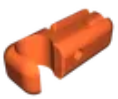
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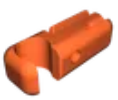
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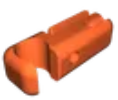
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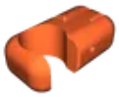


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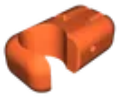


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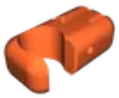
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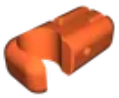
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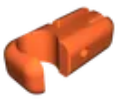
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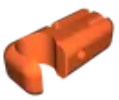
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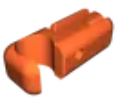
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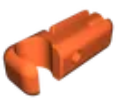
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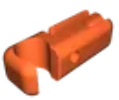
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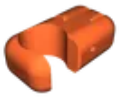


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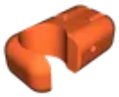


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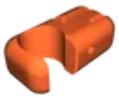
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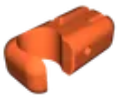
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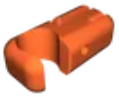
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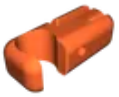
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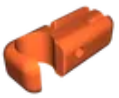
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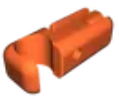
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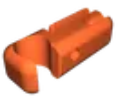
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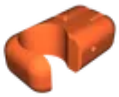


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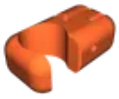


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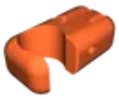
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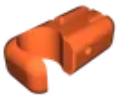
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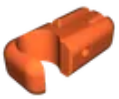
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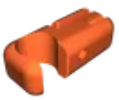
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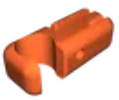
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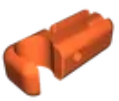
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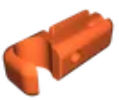
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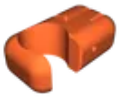


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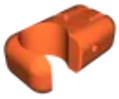


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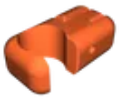
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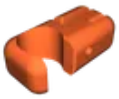
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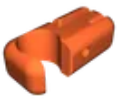
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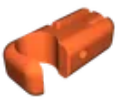
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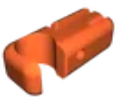
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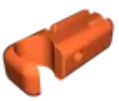
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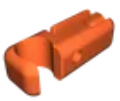
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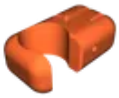


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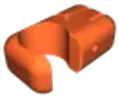


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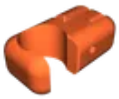
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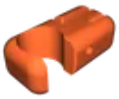
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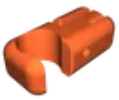
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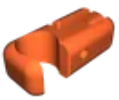
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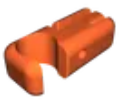
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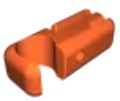
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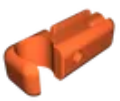
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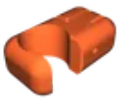


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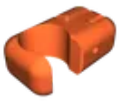


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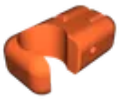
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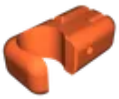
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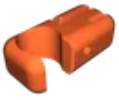
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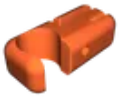
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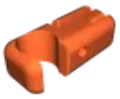
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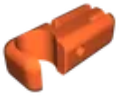
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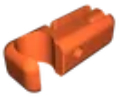
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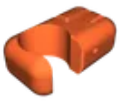


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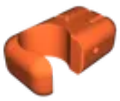


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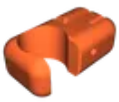
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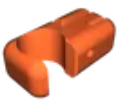
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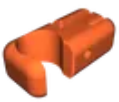
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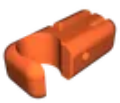
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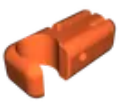
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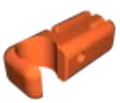
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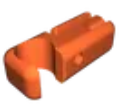
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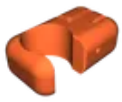


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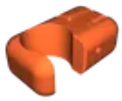


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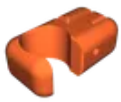
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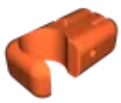
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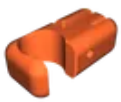
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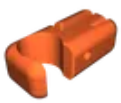
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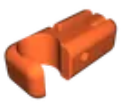
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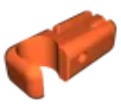
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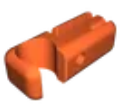
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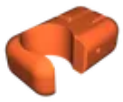


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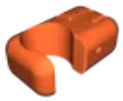


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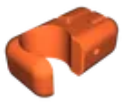
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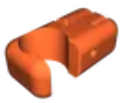
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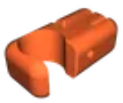
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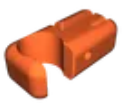
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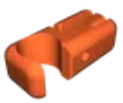
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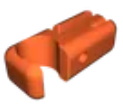
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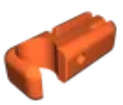
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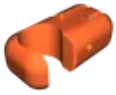
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clothes_dryer_fix_frame_14_0_rung_2_5.3mf

Common size used by my own dryer



clothes-dryer-fix.scad

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