

Printables logo

# Anti-bird spikes (version 2.0)

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## Summary

Hroty proti ptákům (verze 2.0)



17.27 hrs



6 pcs

0.20 mm

0.40 mm

PET



170 g

Prusa MINI / MINI+

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Tags: [bird spikes](#) [hroty](#) [ptak](#)

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EN:

Another of the many anti bird gutter-guards. This version has significantly less material consumption and is extended with a few parts overlapping the gutter hooks. It is conceptually based on the older model at <https://www.printables.com/cs/model/499712-gutter-anti-bird-spikes-okapove-hroty-proti-ptakum>.

CZ:

Další z mnoha ochran okapů proti ptákům. Tato verze má výrazně menší spotřebu materiálu a je rozšířena o díly překrývajících okapové háky. Konceptně vychází z modelu zveřejněném na <https://www.printables.com/cs/model/499712-gutter-anti-bird-spikes-okapove-hroty-proti-ptakum>.

# Model files

**200-mm-middle.3mf**

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**200-mm-right.3mf**

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**170-mm-right.3mf**

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**160-mm-right.3mf**

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**140-mm-right.3mf**

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**140-mm-left.3mf**

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**200-mm-middle.stl**

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**200-mm-right.stl**

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**170-mm-right.stl**

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**160-mm-right.stl**

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**140-mm-right.stl**

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**140-mm-left.stl**

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**hroty-na-okap.blend**

## Print files

**200-mm-middle\_04n\_02mm\_petg\_mini\_3h45m.gcode**

PET  
0.40 mm  
0.20 mm  
⌚ 3.74 hrs  
⚖ 36 g  
Prusa MINI /  
MINI+  
☐ The basic modul

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**200-mm-right\_04n\_02mm\_petg\_mini\_4h3m.gcode**

PET  
0.40 mm  
0.20 mm  
⌚ 4.05 hrs  
⚖ 40 g  
Prusa MINI /  
MINI+  
☐ Extension for gutter hooks

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**170-mm-right\_04n\_02mm\_petg\_mini\_3h28m.gcode**

PET  
0.40 mm  
0.20 mm  
⌚ 3.47 hrs  
⚖ 34 g  
Prusa MINI /  
MINI+  
☐ Other extension

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## 160-mm-right\_04n\_02mm\_petg\_mini\_3h20m.gcode

PET  
0.40 mm  
0.20 mm  
🕒 3.33 hrs  
⚖️ 32 g  
Prusa MINI /  
MINI+  
☐ Other extension

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## 140-mm-right\_04n\_02mm\_petg\_mini\_2h39m.gcode

PET  
0.40 mm  
0.20 mm  
🕒 2.65 hrs  
⚖️ 25 g  
Prusa MINI /  
MINI+  
☐ Other extension

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## 140-mm-left\_04n\_02mm\_petg\_mini\_2h41m.gcode

PET  
0.40 mm  
0.20 mm  
🕒 2.68 hrs  
⚖️ 25 g  
Prusa MINI /  
MINI+  
☐ Other extension

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