



Grass Protection Ring for Rotary Sprinkler Head



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Summary

Grass Protection Ring for Rotary Sprinkler Head Prevents Grass from growing over your sprinkler head by doubling the...

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Grass Protection Ring for Rotary Sprinkler Head Prevents Grass from growing over your sprinkler head by doubling the ring around it. Features

- Promotes smooth operation of your rotary head.
- Extends down to the earth to prevent lifting
- Designed to fit around standard 2.75" (70mm) rotary heads. Can accommodate narrower ones but there will be a bit of a gap.
- Works with Orbit, Hunter and Rainbird.
- Ribs on side dig into soil and provide strong rigidity.
- Easy to install
- Prints easily in 1 piece.

- Small enough So More Than One Can Be Printed at A Time on Most 3d printers
- Much cheaper than cement sprinkler donuts
- Economical to print. Only about \$1.50 each in filament.
- Slightly sloped at top to promote water run off.
- Make as many as you want!
- Also available for water main heads: <https://www.printables.com/model/262535-water-main-valve-grass-protection-ring>

TIP: I like to give the sides of the rotary sprinkler a spray with silicone while it's in use. I find it makes it even smoother.

See It In Action Howto Repair A Sprinkler Head Using The Sleeve Print Settings

Printer Brand:

Prusa

Printer:

Prusa Mk2

Rafts:

No

Supports:

No

Resolution:

.20

Infill:

13%

Filament: Hatchbox PLA Green

Notes:

Printing Tips

I decided to print this with a faster nozzle size, not caring so much about the appearance.

The ring is going to get covered by dirt and grass so appearance is not that important.

Making the print speed faster makes the slight bevel on top a bit more ragged but that was not a problem for me.

ANIMATION:

HOW TO REPAIR A SPRINKLER HEAD USING THE 3D PRINTED SLEEVE

Category: Outdoor & Garden

Model files



sprinkler_ring_256225.stl



sprinkler-ring.3mf

☐ Setup to print on a I3 MK3



sprinkler-ring-3-up.3mf

☐ 3 UP setup for print on a I3 MK3

[Find source .stl files on Thingiverse.com](#)

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