Earlis – Earplug Holder Keychain | Common Foam Earplug Storage Case STL

Description

Earlis is a 3D printable keychain holder designed specifically for carrying common foam earplugs securely and conveniently.

The holder attaches easily to keys, bags, or backpacks, keeping your earplugs protected, accessible, and easy to carry when needed. Its clean cylindrical design stores the earplugs inside the case, helping protect them from dust, dirt, and loose items in your bag or pocket.

Earlis is designed for **common size foam earplugs** and holds **one pair**.

Common Earplug Size

Designed for most common disposable foam earplugs.

- **Typical earplug diameter:** approx. **12–14 mm**
- **Typical earplug length:** approx. **25–30 mm**
- Holds **one pair of foam earplugs**

Holder Dimensions

These are the **total outside dimensions** of the printed holder:

- **Outside diameter: 30 mm**
- **Total height: 90 mm**

Keyring Compatibility

The integrated loop is designed for keychain rings with wire diameter up to approximately **4 mm**.

The keyrings shown in the photos are:

- **Ring outer diameter: 25 mm**
- **Wire diameter: 4 mm**

Printing Instructions

Recommended Print Settings

- Layer height: **0.16 – 0.20 mm**
- Infill: **10–15% Gyroid**
- Wall lines: **3–4**
- Supports: **Not required**
- Brim/Raft: Not necessary

💬 Questions or Feedback?

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🧠 Join the Community:

https://discord.gg/XsUfZeGGnM