

Improved Allen Wrench / Hex Key Holder

A **Alex R**

VIEW IN BROWSER

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Summary

Allen wrench holder with some improvements: Will not wear out, holds hex keys in with an o-ring, not tension in the...

Hobby & Makers > Tools

Allen wrench holder with some improvements:

1. Will not wear out, holds hex keys in with an o-ring, not tension in the plastic
2. All Allen wrenches equally accessible
3. 3D printable
4. Uses a standard o-ring available at most any hardware stores
   Why did I make this? Don't allen wrenches come with a holder?

This design resolves two main issues I have with common holders:

1. Typical holders consist of a brick of plastic with interference fit holes for the allen wrenches. Over time, the holes wear out or the plastic just cracks and the wrenches fall out.
2. Typical holders nest all of the allen wrenches one on top of the other. This makes the set lay flat at the cost of being able to quickly get to the smaller allen wrenches. I don't like this tradeoff and would rather they all just be accessible.
   I saw Tom Lipton using this style holder on his Ox Tools Youtube

channel. It looks like his uses an extension spring in a ring instead of the o-ring. This is a custom thing I believe, so I went with an o-ring instead.

Print instructions Category: Tool Holders & Boxes Post-Printing

Use a size -223 or -222 ANSI O-ring

or

Metric Equivalent is 3.5mm Width x 40mm Inner Diameter (inner diameter can also be a couple millimeters less without effecting the design)

Model files



hex_key_holder_metric.stl



hex_key_holder_metric_label.svg



hex_key_holder_imperial_label.svg



hex_key_holder_imperial.stl

Find source .stl files on Thingiverse.com

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