Bill of Materials

1. Prototype I Bill of Materials

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| **Component/Expense**  | **Cost** |
| Onshape Subscription (Free Plan) | $0.00 |
| **Total:** | **$0.00** |

1. Prototype II Updated Bill of Materials

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| **Component/Expense**  | **Cost** | **Our Cost** |
| MDF Jig Platform & Protrusions | $4.00  | $0.00 |
| Threaded Rods x2 | $5.00  | $0.00 |
| Hex Nuts x2 | $0.70  | $0.00 |
| Rubber Nut x2 | $0.70  | $0.00 |
| Onshape Subscription (Free Plan) | $0.00  | $0.00 |
| Inkscape Software (Free) | $0.00  | $0.00 |
| Total: | $10.40  | $0.00 |
| **Total w/ 13% Tax** | **$11.75**  | **$0.00** |

1. Prototype III Bill of Materials

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| --- | --- | --- | --- |
| **Component/Expense**  | **Cost**  | **Our Cost**  | **Link**  |
| 3D Printing  | $14.47  | $0.00  |  uOttawa MakerSpace |
| Paulin 1/4-inch-20 Steel Hex Machine Screw Nut - Zinc Plated   | $0.35/each x 4  | $0.35/each x 4   | [https://www.homedepot.ca/pro duct/paulin-m8-1-25-class-8metric-hex-nut-din-934-zincplated/10001285213](https://www.homedepot.ca/product/paulin-m8-1-25-class-8-metric-hex-nut-din-934-zinc-plated/10001285213)  |
| Paulin 1/4-20 x 10 mm Knife Inserts Zinc Plated  | $1.34/each x 2  | $1.34/each x 2   | [https://www.homedepot.ca/pro duct/paulin-1-4-20-x-10-mmknife-inserts-zincplated/1000129443](https://www.homedepot.ca/product/paulin-1-4-20-x-10-mm-knife-inserts-zinc-plated/1000129443)  |
| 1/4-20 Thread Knobs  | $3.20/each x 2  | $3.20/each x 2  | [https://www.leevalley.com/enca/shop/hardware/jig-andfixture-parts/61652-1-4-20thread-](https://www.leevalley.com/en-ca/shop/hardware/jig-and-fixture-parts/61652-1-4-20-thread-knobs?item=00M5621&utm_source=free_google_shopping&utm_medium=organic&utm_campaign=shopping_feed&srsltid=AfmBOooFy2otWdcp-ylc3zZ2w3gfd3JL88mN9AvHzdJNeTsrYJzfZIgaKGU)[knobs?item=00M5621&utm\_sou rce=free\_google\_shopping&utm\_ medium=organic&utm\_campaign =shopping\_feed&srsltid=AfmBOo oFy2otWdcp-](https://www.leevalley.com/en-ca/shop/hardware/jig-and-fixture-parts/61652-1-4-20-thread-knobs?item=00M5621&utm_source=free_google_shopping&utm_medium=organic&utm_campaign=shopping_feed&srsltid=AfmBOooFy2otWdcp-ylc3zZ2w3gfd3JL88mN9AvHzdJNeTsrYJzfZIgaKGU)[ylc3zZ2w3gfd3JL88mN9AvHzdJN eTsrYJzfZIgaKGU](https://www.leevalley.com/en-ca/shop/hardware/jig-and-fixture-parts/61652-1-4-20-thread-knobs?item=00M5621&utm_source=free_google_shopping&utm_medium=organic&utm_campaign=shopping_feed&srsltid=AfmBOooFy2otWdcp-ylc3zZ2w3gfd3JL88mN9AvHzdJNeTsrYJzfZIgaKGU)  |
| 22-gauge 8" x 24" Aluminum Sheet Metal | $17.78 | $17.78 | Home Depot |
| Blind Well Nut  | $3.73/each x 4  | $3.73/each x 4  | <https://www.homedepot.ca/product/paulin-1-4-inch-speed-nut-blind-well-nut/1000127252> |
| Furniture Glider Pads x4 | $4.99 | $4.99 | Home Depot |
| Threaded Rod  | $5.98  | $5.98  | [Paulin 1/4-20 x 72-inch Fully Threaded Steel Rod - Zinc Plated - UNC | The Home Depot Canada](https://www.homedepot.ca/product/paulin-1-4-20-x-72-inch-fully-threaded-steel-rod-zinc-plated-unc/1000149688)  |
| 1/4-inch-20 Hex Coupling Nut-Fully Threaded  | $1.14/each x 2  | $1.14/each x 2  | [Paulin 1/4-inch-20 Hex Coupling Nut-Fully Threaded - Zinc Plated - UNC | The Home Depot Canada](https://www.homedepot.ca/product/paulin-1-4-inch-20-hex-coupling-nut-fully-threaded-zinc-plated-unc/1000131261)  |
| **Sub Total:**  | $70.90 | $56.43 |   |
| **Total w/ 13% Tax:**   | **$80.12** | **$63.77** |   |