

Toy Angle Grinder

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Summary

Easy to print toy angle grinder

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This is an angle grinder a friend asked for his kid. It is made up to require minimum supports and be printed in different colors.

In the render you can see the color choices I made. There are bolts to join the AG-Base with AG-Middle, and the AG-Middle with AG-Head. In case you are having trouble with that you can skip it and just glue it together. I though that it was going to be stronger this way.

There's a cube to join AG-Head with AG-Motor because there was no room for something else. Again, you can just glue it together.

Finally, you can glue or just stick the AG-HandleBolt to AG-Handle, and that is meant to be removable.

The design is mean to have a disk that rotates (using the hand to make it spin)

Supports:

The only parts that require supports are AG-Head and AG-Motor

Model files



ag-shield2.stl



ag-handle.stl



ag-motor.stl



ag-handle-bolt.stl



ag-spacer1.stl



ag-spacer2.stl



ag-disc.stl

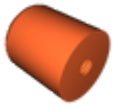


ag-unionx2.stl

☐ Print 2 of this



ag-union.stl



ag-base.stl



ag-middle.stl



ag-head.stl

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