



Magnetic Exhaust Pipe Mockup System



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Summary

Parts snap together with magnets for mocking up exhaust pipe or tube designs, also just a fun toy!

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This is a simple system of pieces that use 6mm x 3mm magnets to snap together for mocking up and routing exhaust or other pipe routing. This base design is set up to represent 1.5" outside diameter pipe, approximately 38mm. The splitter in the picture goes from 1.5" to 2.25" which is approximately the same area and useful in motorcycle style exhaust design.

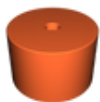
In the pictures I have a 1" long straight, 3" long straight, and 30deg sweeps with a radius of 4", 3", 2", and 1.5". There is also the one 1.5" to 2.25" union. Feel free to reach out if you would like another version of a different diameter or special "Y" or "T" fittings. I am happy to make new versions of whatever you need!

They are also a very fun toy because they have a very satisfying click and stay together well enough to hold and move around. They even work well as fridge magnets!

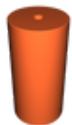
By request, here is a 1.75" version for 18mm x 3mm magnets: <https://www.printables.com/model/663383-175-magnetic-exhaust-pipe-mockup-system>

By request, here is a 2" version for 8mm x 3mm magnets: <https://www.printables.com/model/678161-2-magnetic-exhaust-pipe-mockup-system>

Model files



pipe-mockup-15-straight-1in-long.stl



pipe-mockup-15-straight-3in-long.stl



pipe-mockup-15-r15-30deg-sweep.stl



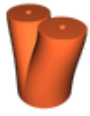
pipe-mockup-15-r2-30deg-sweep.stl



pipe-mockup-15-r4-30deg-sweep.stl



pipe-mockup-15-r3-30deg-sweep.stl



pipe-mockup-15-225-to-15-union.stl

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