



Plasma Torch Magnetic Mount



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Summary

A simple magnetic mount for a plasma table torch.

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I designed this torch holder for our CNC plasma cutter so that it would allow us to park the torch in the used position and the unused position when we are using our bridge mill. It is designed to use some rectangular magnets that I have hundreds of in the shop as they are used for shipping some of our unassembled products to us after which they are no longer required. I used 6 magnets in the clamp and an additional 6 in the base which provides a lot of holding power but still allows for the torch to break away and stops the machine in the event that it catches on something.

Model files



magnetic-backing-plate-v3.stl



magnetic-clamp-v3.stl

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