



Steam Turbine Notch Bucket Demo

Iceman

[VIEW IN BROWSER](#)

updated 8. 12. 2023 | published 8. 12. 2023

Summary

Steam turbine notch/closure bucket demonstration model.

[Hobby & Makers](#) > [Mechanical Parts](#)

Tags: [steam](#) [engineering](#) [turbine](#) [generation](#)
[powergeneration](#)

This is a model of a steam turbine notch or closure bucket assembly. The buckets (or turbine blades) are inserted into the notch and slide into their position. This is generally referred to as a tangential entry design. The last bucket needs to be pinned to its neighbors to hold it in place.

This model uses a 3/16 pin to hold the notch bucket in place.

Model files



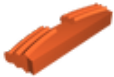
[notchbucket_bucket-v0.stl](#)



notchbucket_neighborbucketright-v1.stl



normalbucket-v1.stl



rotorwheel-v1.stl



notchbucket_neighborbucketleft-v1.stl

License ©



This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc/4.0/)

Attribution-NonCommercial

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition