



Reuleaux tetrahedron with constant diameter



Aryser

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Summary

Reuleaux tetrahedron 30mm diameter

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Geometrically interesting object with one constant diameter like a sphere.

https://en.wikipedia.org/wiki/Reuleaux_tetrahedron

As all surfaces are curved, object has to be printed on a support. Until now, I did not get a proper printed bottom (at least on side is support touched).

Does anybody has any hints?

Outcome:

- printing pointed side down gives better print result!

Print with support. More infill gives a heavier and more valuable feeling.

Do you wish a different size: scale on your slicer!

Model files



tetraederroller-solid-30mm-20210505.stl



kubusroller-solid-30mm-20220119.stl

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