



Parametric NATO (Picatinny) rail

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Summary

STANAG 4694 NATO rail for mounting firearm/paintball/airsoft accessories (scopes, lights, etc).

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STANAG 4694 NATO rail for mounting firearm/paintball/airsoft accessories (scopes, lights, etc). Backwards compatible with the older MIL-STD-1913 (Picatinny) standard.

Open the file in Fusion360 and edit "User Parameters" (Modify --> Change Parameters). Set the "rail_length" parameter to the rail length of your choice (in millimeters). Use the "Modify --> Combine" command to merge the resulting bodies into a single body.

=== Updates ===

26-Jan-2021: Generated rail now fits exact length specified.

27-Jan-2021: Fixed profile to remove excessive z-axis gaps between the lugs.

27-Jan-2021: Reposting this print because I accidentally deleted the previous one. Doh!

Model files



nato_rail_parametric.f3d

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