



Shattered Cycle Drum Lug

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VIEW IN BROWSER

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Summary

Lug designed for snare, with gasket, and plastic washer

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I've included 3 variants of the lugs for different design aesthetics. Designed to be printed without supports, you may get some droop on overhangs. Should have minimal part cooling to allow for better strength. I recommend printing one at a time instead of batch, this will help ensure part will limit deformation from excess cooling.

Lug should be printed from PETG or similar amorphous polymer. Additives like carbon fiber (from a good supplier) have been helpful in improving rigidity. PA6 + cf has unfortunately shown to deform over time (6 months) due to moisture.

Prefer a strong setting, nozzle of .06

Lug designed to be used with Gibraltar swivel nuts e.g. <https://www.amazon.com/Gibraltar-SC-LN-Swivel-Nuts-Inch/dp/B0002H07BI>

Lugs are design to be used with heatset inserts: https://www.amazon.com/gp/product/B08T9TXS9S/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

Gasket should be printed from tpu, ideally a soft tpu like ninjaflex variants.

Model files



mini-arc-lug.3mf



mini-geo-lug.3mf



mini-alt-geo-lug.3mf



internal-washer.3mf



tension-rod-spacer.3mf

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