



Zius BKxS Barrel Coupler (BK1S/BK2S)



GMBridge

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Summary

Tired of the stock barrel on your Zius BK1S/BK2S? don't have a 13.4mm chambered barrel? Well, this may help.

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Tired of the stock barrel on your Zius BK1S/BK2S? don't have a 13.4mm chambered barrel? Well, this may help.

If you do need this, the tolerances are pretty tight, i've shared 2 unthreaded variants below depending what tolerances you get from your printer, light sanding/polishing the dart pusher side of the coupler is recommended if you print in filament to reduce wear on the pusher's o-ring. you may also need to lightly sand the barrel side (you want the fit as tight as possible for air sealing). You also need a new barrel collet (see some options below). I'm still playing w/ the tolerances on the threaded variant, for now you'll need a M16x1 tap to clean the threads to use it.

You don't need this if your barrel is already 13.4mm chambered (easy to check, remove the stock barrel, open the jam door, and see if the chamber side of your barrel fits over the stock O-ring) you just need a new barrel collet (see links below to some options).

Barrel Collets:

<https://makerworld.com/en/models/488609#profileId-401628>

<https://makerworld.com/en/models/491399#profileId-404913>

disassembly video (not my video):

Model files



unthreadedbarrelcoupler134to161.stl



unthreadedbarrelcoupler135to162.stl



threadedbarrelcoupler134.stl

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