



## [v3] DUFF: DIN Undercarriage Filament Feeder



herr\_brain

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### Summary

Improved version of my 607 ball bearing adjustable DIN Rail Spool Holder

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Tags: [dinrail](#) [filamentholder](#) [filamentspool](#) [filamentspoolholder](#) [spoolholder](#)

Meet DUFF, the DIN-mounted counterpart to [TUSH](#).

**UPDATE 2022-04-24:** add a single layer (0.3mm) “cap” to screw holes so that they can be printed without support.

This is an undercarriage-style spool holder designed to mount on a DIN rail. I've found it to be both stable and versatile, plus it allows multiple spools of different widths to be mounted side by side on a single rail.

Version 3 fixes several shortcomings of the previous versions:

- Curved “retainer” section prevents feed issues with some new spools
- No need for threaded inserts or M3 nuts; screws go directly into plastic
- Added plastic bushings that may be used in place of 607 ball bearings (I recommend using PTFE lube)

# This remix is based on



## DIN Rail Spool Holder

by herr\_brain

## Model files



### din-spool-holder-v3.3mf



### 607\_roller.3mf

📄 607-sized rollers that can be used in place of ball bearings



### din-spool-holder-v3.fcstd

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