

## BOM Finix Extruder

This is a bill-of-materials for a direct-drive, printable, reversible-access extruder mechanism. It does not include the hot-end, the motor.

### Not included:

NEMA17 motor  
E3D hot-end with 40mm fan

### 3D-printed parts

<u>Part name</u>	<u>Qty</u>
extruder_base	1
bearing_capture	1
bearing_clasp	1
bearing_id_retainer	1
two_spring_retainer	1
retainer_lever	1
filament_lead_in	1
hotend_collar	1
mirrored_collar	1
tee_bracket	1

### Purchased parts

	<u>Qty</u>	
Mk8 filament drive	1	// filament drive
605ZZ ball bearing	1	// filament idler
6mm OD x 20mm spring	2	// 1.0mm wire, filament clenching

### Fasteners

	<u>Qty</u>	
M3 x 50 bolts	4	// Motor, spring retainer coupling
M3 x 25 "	5	// Retainer lever fulcrum; motor mounting
M3 x 12 "	2	// Bearing capture, spring adjust
M3 nut	1	// Spring adjust