

GRAFIK

Small Proof Press — Review Drawing Set

Generated 2026-10-20 · 43 sheets

REVIEW AIDS, NOT SHOP DRAWINGS: nominal dimensions only — no GD&T, no tolerance stack-up, no FEA. Values are pulled live from parameters.scad. Curved edges are faceted (rendered from the mesh).

DRAWING INDEX

SHEET	PART	QTY	SHEET	PART	QTY
5	captures the adjuster screw head	4	42	ink distributor roller	1
6	aluminum bed plate	1	43	printed carrier for the vibrator bearing	2
7	side plates, wheels, cross members	—	44	3D-printed end insert for the vibrator	2
8	3D-printed coupler: vibrator journal -> hex bar	1	45	the vibrator's lift stop	2
9	3D-printable offset crank	1	46	3D-printed single-flange track wheel	2
10	inking-crank drivetrain	—	47	GRAFIK — full press assembly	—
11	impression-cylinder bearer disk	2			
12	printed carrier for the R12 bearing	2			
13	registration clamp bar	2			
14	impression-cylinder inboard thrust collar	2			
15	impression-cylinder tube plug	2			
16	end cap + pressed steel journal shaft	—			
17	3D-printed drive pinion	1			
18	impression-cylinder body tube	1			
19	3D-printed hand crank for the rack & pinion drive	1			
20	3D-printed drive rack	5			
21	travel end-stop bumper	4			
22	printed carrier for a form-roller bearing	4			
23	rubber-covered form roller	2			
24	impression cylinder ASSEMBLY	—			
25	packing-lead retainer strip	1			
26	paper-guard cross member	1			
27	steel guide rail	2			
28	THE TRIP. Robert's drop-in rail shim.	2			
29	PRINT/EXPORT FILE: the trip shim's HEEL half	2			
30	PRINT/EXPORT FILE: the trip shim's TOE half	2			
31	roller demo / aggregator	—			
32	PRINTED clamp collar	6			
33	PRINT/EXPORT FILE: form-roller collar	4			
34	PRINT/EXPORT FILE: vibrator collar	2			
35	sprung-finger sheet quick clamp	—			
36	sheet-gripper pivot block	2			
37	sheet-gripper finger comb	1			
38	carriage side plate	2			
39	PRINT/EXPORT FILE: the side plate, A hand	1			
40	PRINT/EXPORT FILE: the side plate, B hand	1			
41	rear carriage tie rod	2			

FASTENER SCHEDULE

Standard hardware — bought, not fabricated, so it carries no drawing sheet. Specifications are nominal; confirm lengths against the built stack before ordering.

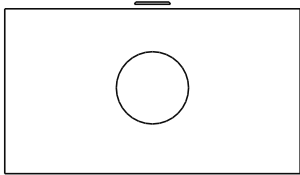
ITEM	SPECIFICATION	LEN / THK	QTY	WHERE USED
Rail bolt <i>Flat head seats flush in the rail-top countersink — a proud head would catch a wheel tread. Length runs from the HEAD TOP, since the head sinks in: grip is rail 0.878" + bed 0.500" = 1.378", leaving 0.372" below the bed — enough for the 0.219" nut plus 3 threads proud. 1-1/2" would leave 0.122", less than one nut thickness, so it is not the cheaper option it looks like</i>	1/4-20 UNC flat-head socket cap, 82°, hex drive	1-3/4"	8	Rail to bed, through-bolted, nut below the bed
Rail-bolt nut <i>Thickness is the ordering dimension, so it takes the LEN / THK column</i>	1/4-20 UNC hex nut, full height	0.219" thk	8	Under the bed, one per rail bolt
Track-wheel axle screw <i>ONE screw, TWO diameters. Head to tip: hex-socket head, then a smooth ground Ø5/16" x 1" shank, then a short 1/4-20 threaded end. The shank IS the axle — the wheel bearing turns directly on it. The threaded end screws into the side plate, which is TAPPED, so there is no nut. The listed 1" is the shank, not the overall length</i>	Shoulder screw — Ø5/16" x 1" ground shank, 1/4-20 x 7/16" end	1" shank	2	Rear track-wheel axles, 1 per wheel; threads into the tapped side plate
Rack mounting screw <i>Same thread as the registration gap screws — one pack covers both. Was #8-32; the smaller head column notches less rack tooth (root left 0.233" vs 0.211" of a 0.314" nominal), and strength was never the constraint: the binding link is PETG bearing under the head at ~163 lb against ~10 lb of load</i>	#6-32 socket head, 7/64" hex key	1"	~14	Drive rack into the tapped bed (~10) AND the four form-roller adjusters
Set screw <i>Buy spares — cup points gall. #10-24 not #10-32 so it shares the cap-screw tap, and the coarse pitch holds better in a printed hub</i>	#10-24 cup point, hex socket	0.375"	2	Drive pinion hub; drive crank hub (1 each)
Registration gap screw <i>Catalog part not yet selected. Head must countersink flush — a proud head strikes the form at the nip</i>	#6-32 82° flat-head socket cap	0.312"	~7	Clamp bar (~5); sheet-gripper pivot blocks (2)
Packing-lead retainer screw <i>#4 rather than #6 so the head sits flush in the narrow strip. FORCED, not a preference: the strip is 0.260" wide and a #6 82° head is 0.262" — it does not fit, and the strip cannot grow (the gap wall bounds it outboard, the gripper hub inboard)</i>	#4-40 82° flat-head	0.250"	2	Retainer strip into the gap floor
Shaft collar — form roller <i>BORE CHANGED 1/2" -> 8mm with the 608 switch [2026-09-28]. The Climax 36WZ57 in parts/A14 is a 1/2" bore and no longer fits; re-pick, or print models/shaft_collar_form.scad which follows the journal parameter</i>	8mm bore, two-piece clamping	0.375" wide	4	Form-roller journals, bearing axial retention
Shaft collar — vibrator <i>BORE CHANGED 3/8" -> 8mm with the 608 switch. Climax 36WZ53 no longer fits; re-pick or print models/shaft_collar_vib.scad</i>	8mm bore, two-piece clamping	0.313" wide	2	Vibrator journals
Crank clamp thumb screw <i>Provisional size — catalog part not yet selected</i>	1/4-20 knurled thumb screw	3/4"	2	Crank coupler on the vibrator journal
Adjuster wave washer <i>NOT optional and easy to miss. The insert's head cavity is cut 0.025" taller than the head so the screw can turn; without something in that gap the head has 0.025" of FREE PLAY, and on a joint with 0.200" of travel and a squeeze in thousandths that play is impression error — the roller rides high under the form and drops back off it. The washer preloads the head onto the cavity floor instead. It is a positioning preload, NOT impression compliance: it goes solid at single-digit pounds</i>	#6 wave (crinkle) washer, steel — ~0.30" OD, free height ~0.035"	0.035" free	4	Between the adjuster screw's head and the roof of its keeper insert
Rear-tie nut <i>Thickness is the ordering dimension, so it takes the LEN / THK column. The joint is TIGHT: this nut clears the track wheel's spacer sleeve by 0.022", which is why the tie sits at the back of its window and 0.090" lower than first drawn. Do not recentre the tie or raise it — parameters.scad asserts this clearance and will fail loudly. A washer does NOT fit (a 3/8" washer is ~0.81" OD against a 0.575" budget)</i>	3/8-16 UNC hex nut, full height	0.328" thk	2	Rear-bottom carriage tie, one at each plate, outboard

BEARING SCHEDULE

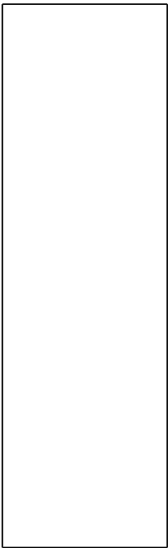
Every rolling element on the press. Bore, OD and width are read live from the model — the journals are sized FROM the bearing, so these cannot drift from the parts they go in.

ITEM	SPECIFICATION	BORE	OD	WIDTH	QTY	WHERE USED
Track wheel bearing <i>On hand. Turns on the 1/4-20 shoulder screw's ground shank; the 5/16" shoulder slips into the 8mm bore</i>	608 skate bearing, 8 x 22 x 7 mm	0.315"	0.866"	0.276"	2	Rear track wheels, pressed into the printed hub
Form roller bearing <i>On hand. The roller cores are turned to an 8mm journal to suit — the bearing sets the journal, not the other way round</i>	608 skate bearing, 8 x 22 x 7 mm	0.315"	0.866"	0.276"	4	Form-roller journals, 2 per roller, in the side-plate slots
Vibrator bearing <i>On hand. The vibrator slides axially for ink distribution; which member slides (bearing in its slot, or journal through the bearing) depends on the carrier scheme — see concepts/form-bearing-carrier.md</i>	608 skate bearing, 8 x 22 x 7 mm	0.315"	0.866"	0.276"	2	Vibrator journals, one per side plate
Impression cylinder bearing <i>THE ONLY BOUGHT BEARING, ~\$8.99 ea. Bore is 3/4" and that is set by the drive end: the pinion bores 3/4" and clamps on the journal extension, as do the crank, the bearer and the collar. A 608 there would mean an 8mm drive shaft</i>	R12 deep-groove, 60355K185	0.750"	1.625"	0.313"	2	Impression-cylinder journals, one per side plate

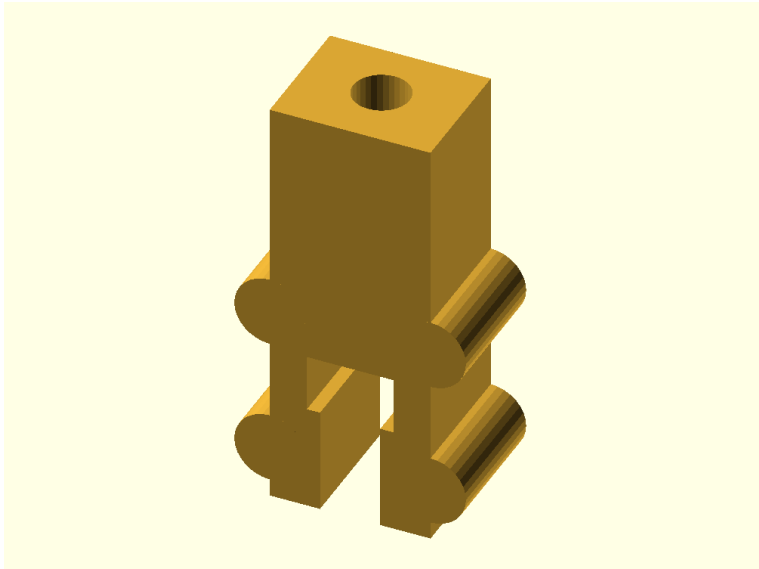
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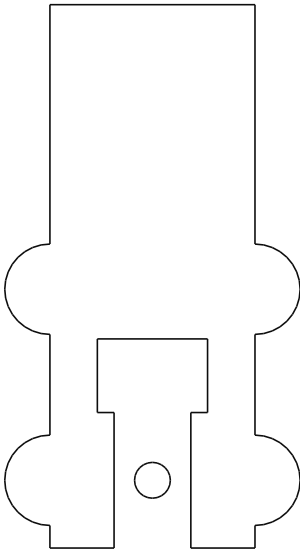
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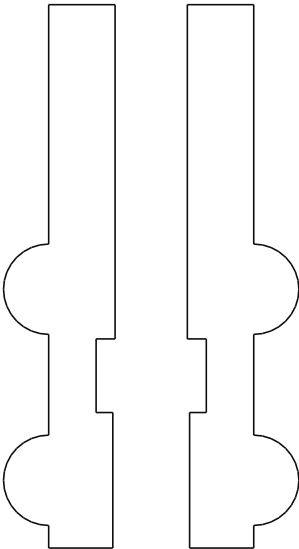
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)

OVERALL ENVELOPE

Overall X	0.654"
Overall Y	0.380"
Overall Z	1.203"

PART

captures the adjuster screw head

PART ID

adjuster_keeper_insert

MATERIAL

3D print (PETG/nylon)

QTY

4

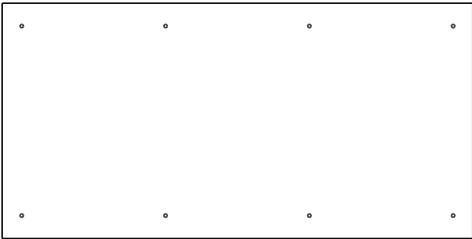
CATEGORY

3D-print

SCALE

2.35:1

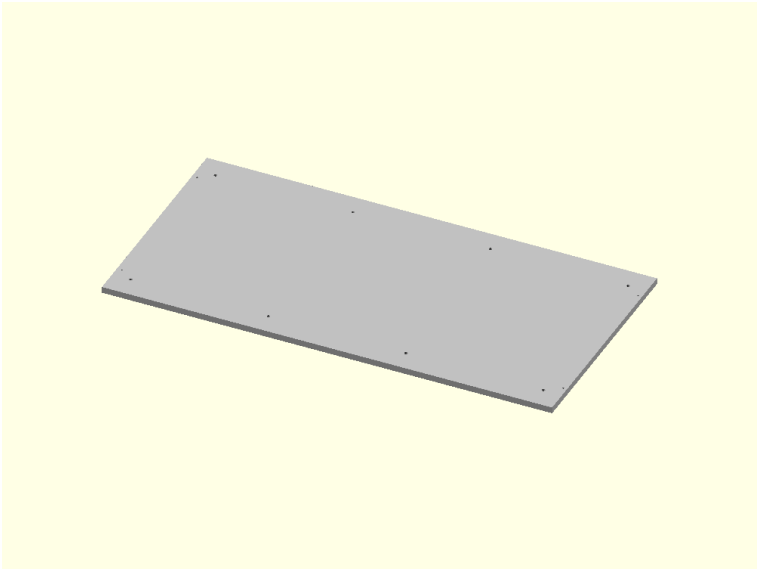
TOP



RIGHT



ISO



FRONT



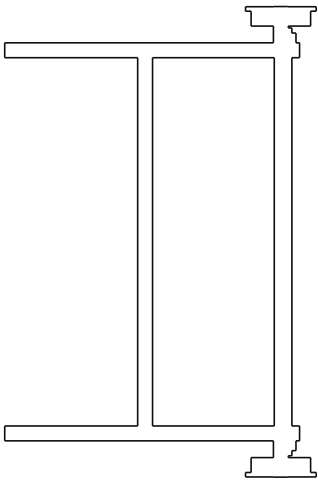
SECTION A-A



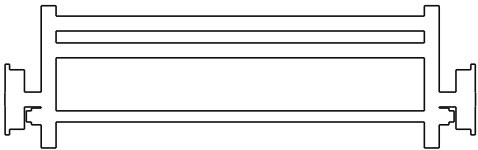
KEY DIMENSIONS (in)		
OVERALL ENVELOPE		
Overall X		36.000"
Overall Y		18.000"
Overall Z		0.500"
KEY FEATURES		
Bed length (X)		36.000"
Bed width (Y)		18.000"
Plate thickness		0.500"

PART	PART ID	MATERIAL	QTY	CATEGORY	SCALE
aluminum bed plate	bed	1/2" 6061-T651 aluminum plate	1	Fabricate	1:14.69
GRAFIK — small proof press		REVIEW ONLY — NOT FOR FABRICATION		2026-10-20	

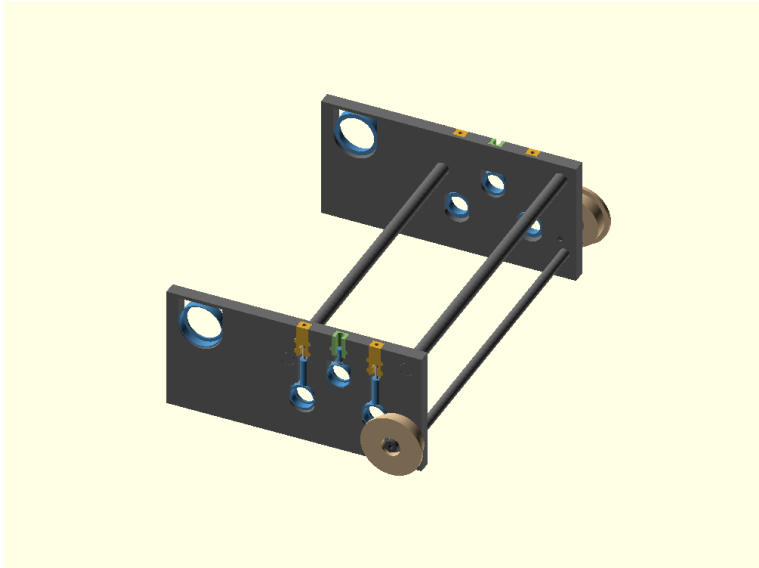
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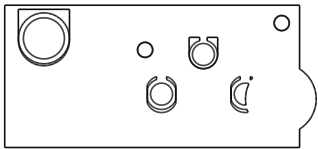
RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	10.467"
Overall Y	15.813"
Overall Z	4.781"

PART
side plates, wheels, cross members

PART ID
carriage

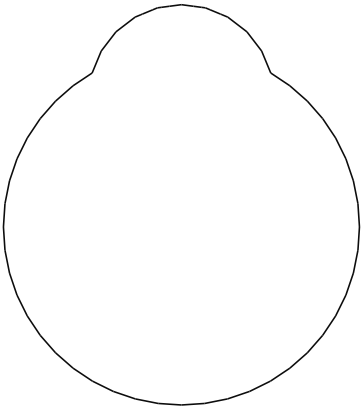
MATERIAL
—

QTY
—

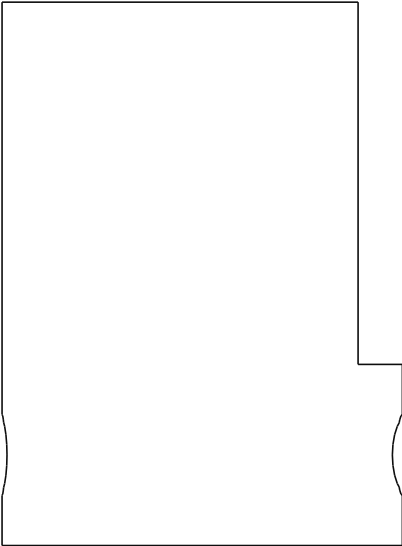
CATEGORY
Assembly

SCALE
1:6.45

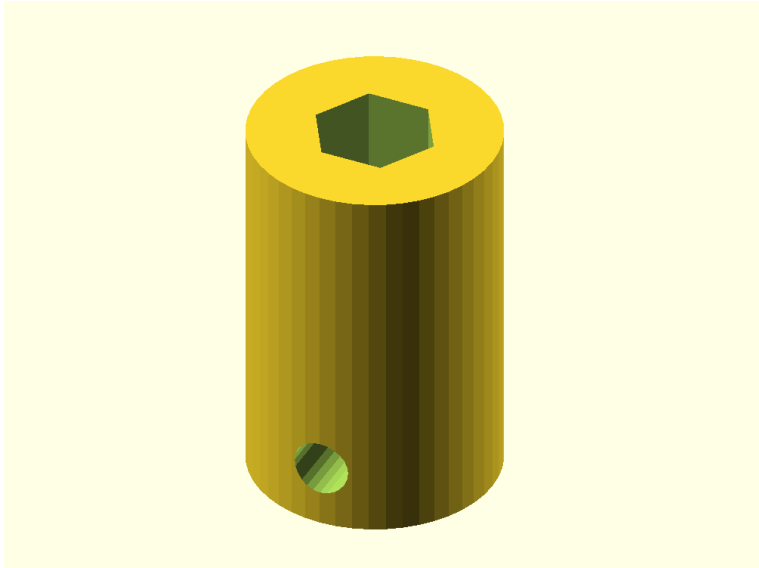
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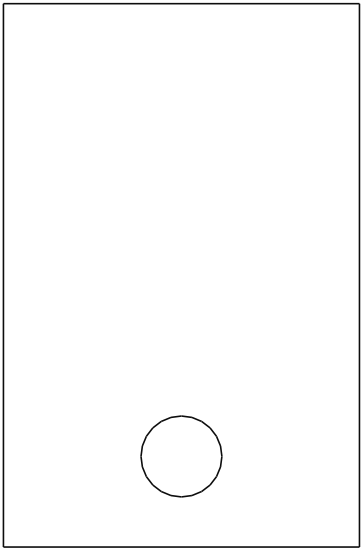
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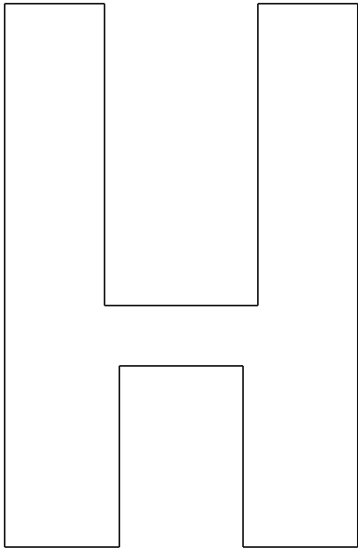
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	0.885"
Overall Y	0.995"
Overall Z	1.350"

PART
3D-printed coupler: vibrator journal -> hex bar

PART ID
crank_adapter

MATERIAL
3D print (PETG)

QTY
1

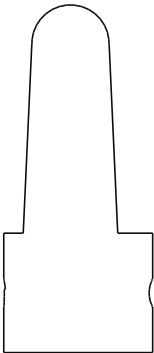
CATEGORY
3D-print

SCALE
2.10:1

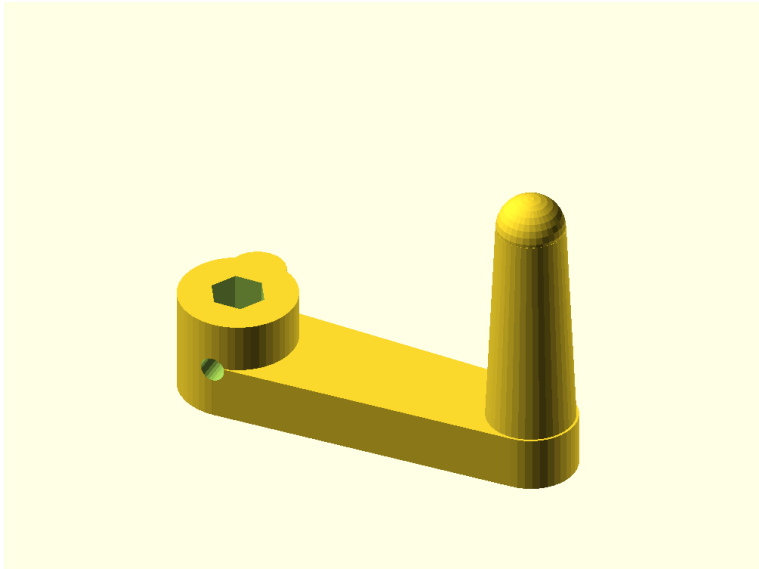
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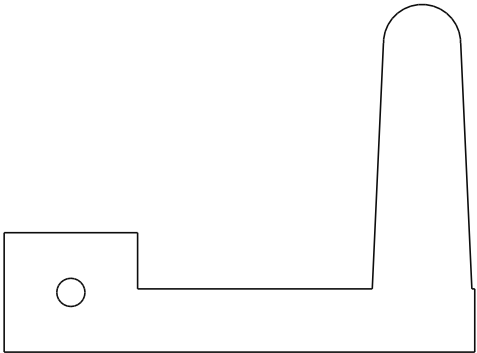
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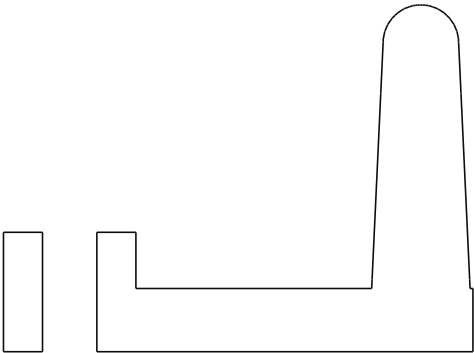
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	3.350"
Overall Y	1.060"
Overall Z	2.474"

PART
3D-printable offset crank

PART ID
crank_handle

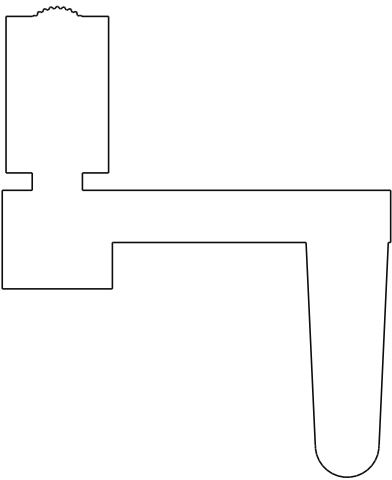
MATERIAL
3D print (PETG)

QTY
1

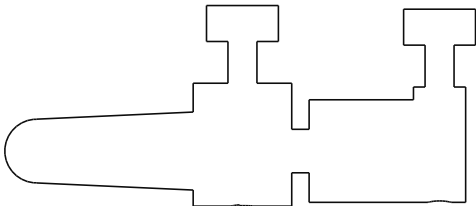
CATEGORY
3D-print

SCALE
1:1.37

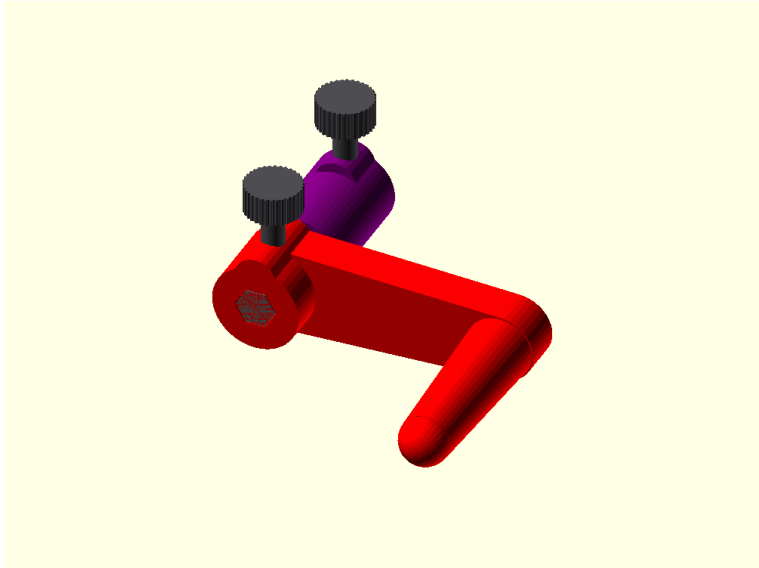
TOP



RIGHT



ISO



FRONT



SECTION A-A

— section n/a for assemblies —

KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	3.350"
Overall Y	4.059"
Overall Z	1.730"

PART
inking-crank drivetrain

PART ID
crank_on_vibrator

MATERIAL
—

QTY
—

CATEGORY
Assembly

SCALE
1:1.66

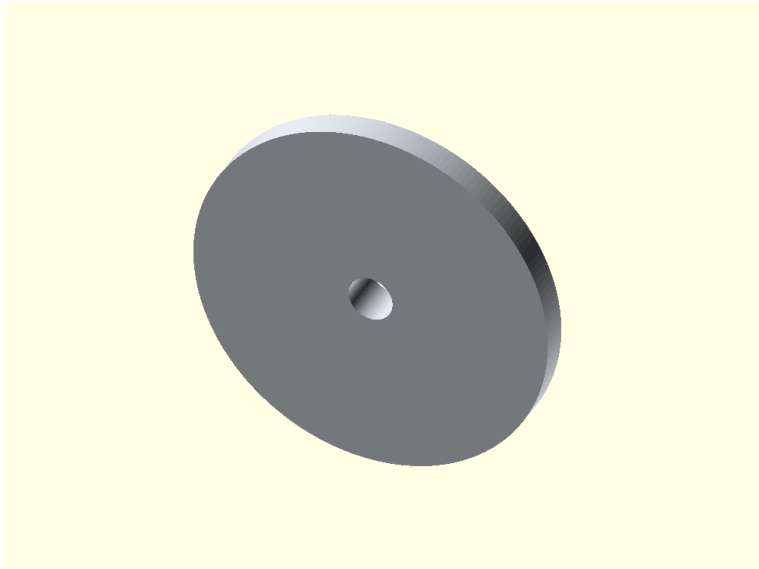
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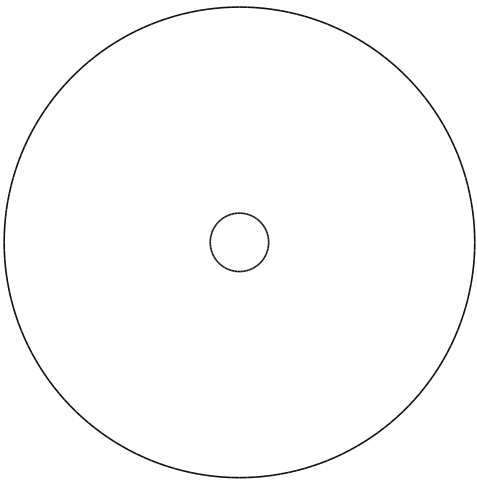
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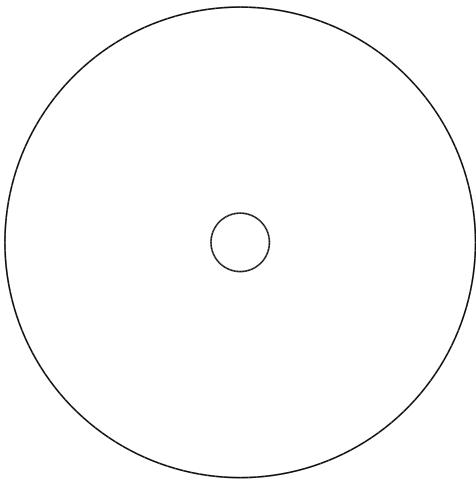
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)

OVERALL ENVELOPE

Overall X	6.080"
Overall Y	0.803"
Overall Z	6.080"

PART

impression-cylinder bearer disk

PART ID

cylinder_bearer

MATERIAL

6061 aluminum (flange hard-anodized)

QTY

2

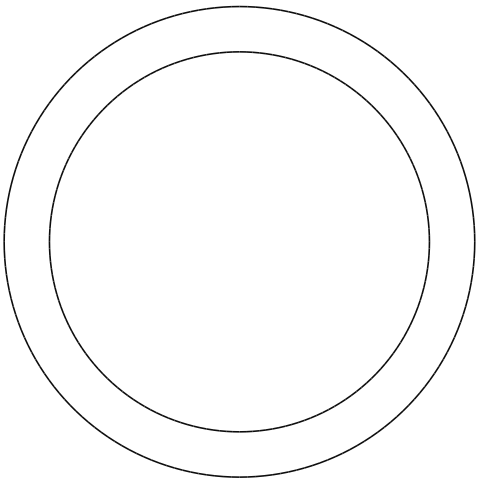
CATEGORY

Fabricate

SCALE

1:2.48

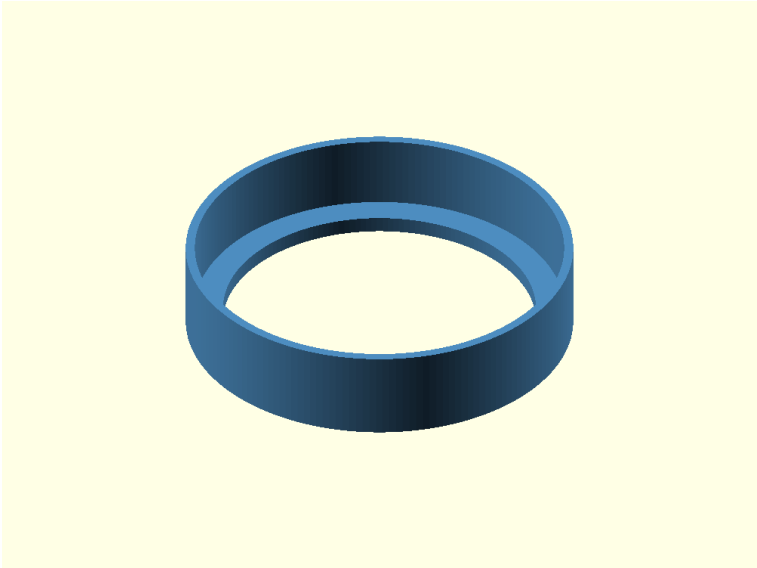
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	1.709"
Overall Y	1.709"
Overall Z	0.393"

PART	PART ID	MATERIAL	QTY	CATEGORY	SCALE
printed carrier for the R12 bearing	cylinder_bearing_carrier	3D print (PETG/nylon)	2	3D-print	1.43:1
GRAFIK — small proof press		REVIEW ONLY — NOT FOR FABRICATION		2026-10-20	

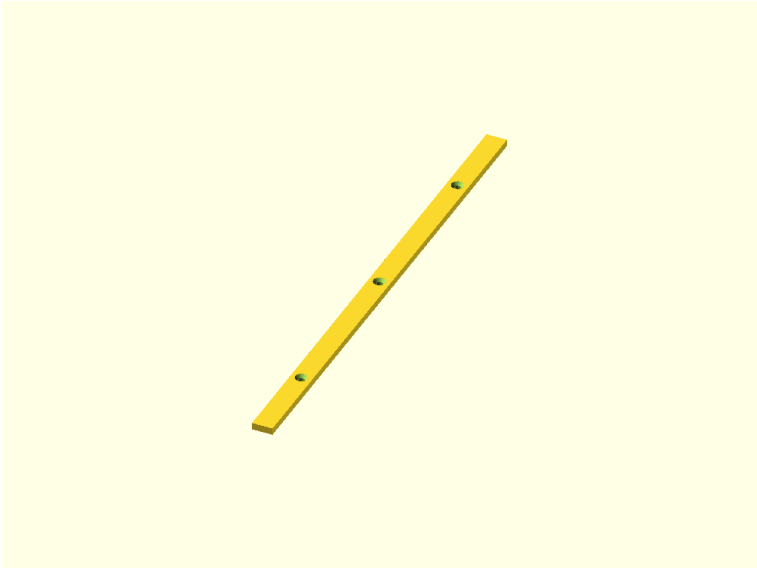
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)		
OVERALL ENVELOPE		
Overall X		0.450"
Overall Y		11.000"
Overall Z		0.150"

PART
registration clamp bar

PART ID
cylinder_clamp_bar

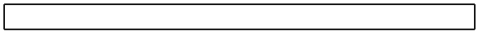
MATERIAL
aluminum

QTY
2

CATEGORY
Fabricate

SCALE
1:4.49

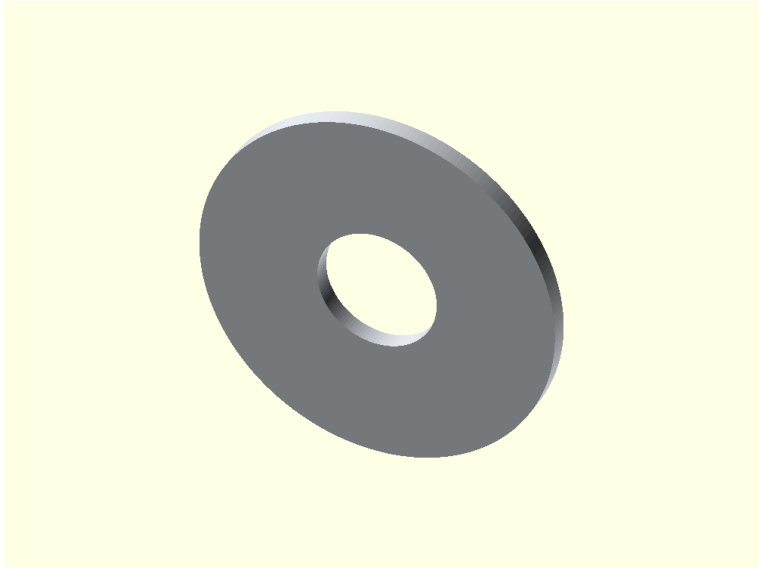
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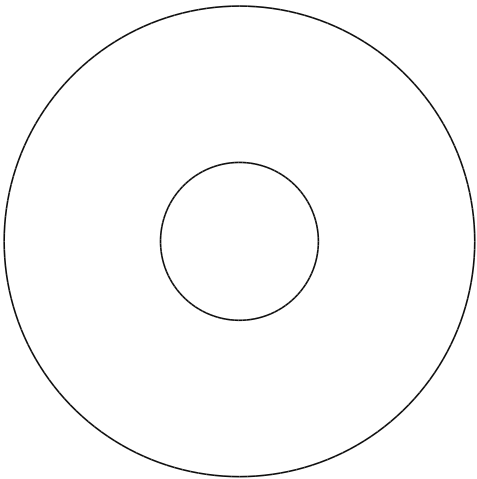
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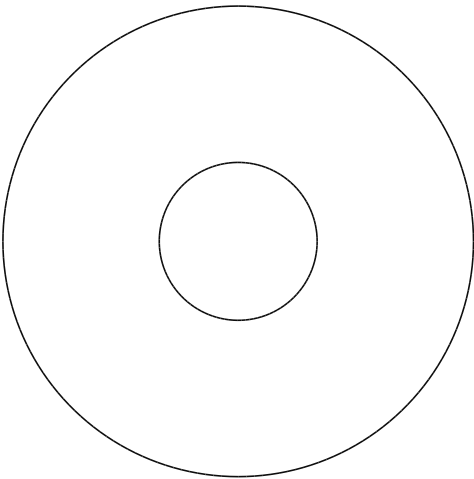
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)

OVERALL ENVELOPE	
Overall X	2.250"
Overall Y	0.120"
Overall Z	2.250"

PART
impression-cylinder inboard thrust collar

PART ID
cylinder_collar

MATERIAL
6061 aluminum

QTY
2

CATEGORY
Fabricate

SCALE
1.09:1

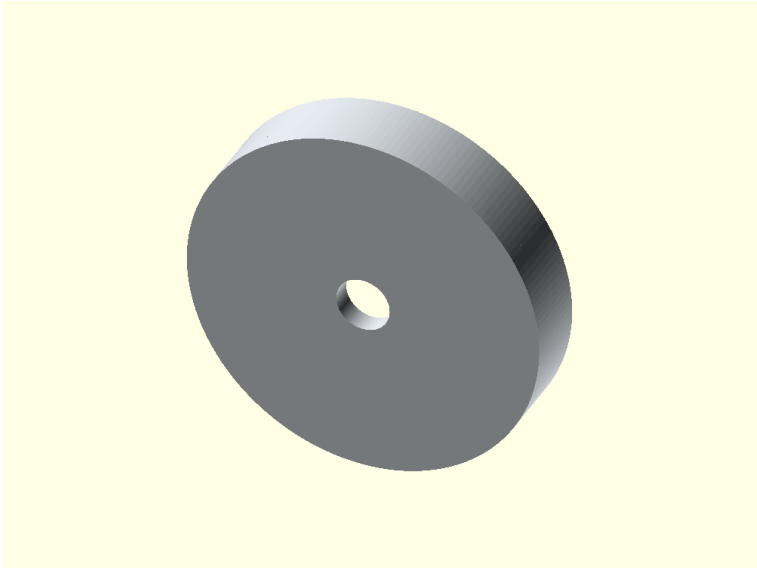
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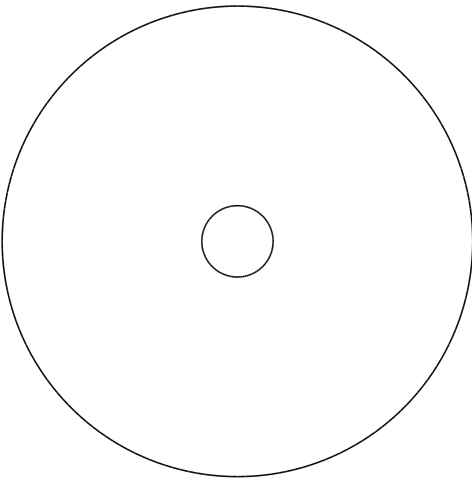
RIGHT



ISO



FRONT



SECTION A-A

— section n/a for assemblies —

KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	4.980"
Overall Y	1.000"
Overall Z	4.980"

PART
impression-cylinder tube plug

PART ID
cylinder_endcap

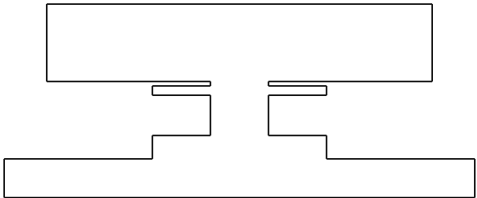
MATERIAL
6061 aluminum

QTY
2

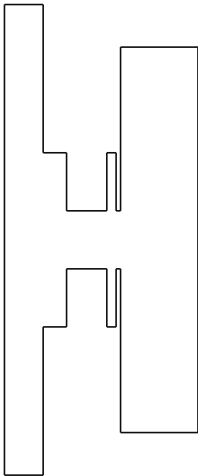
CATEGORY
Fabricate

SCALE
1:2.03

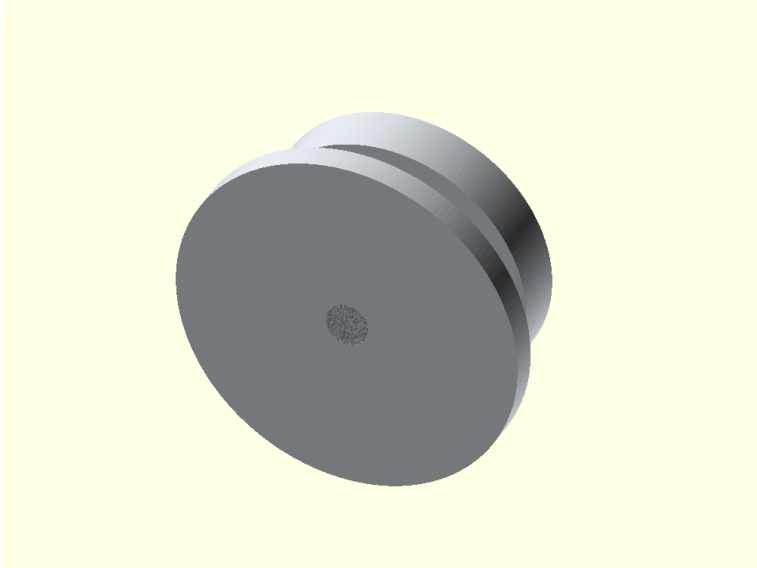
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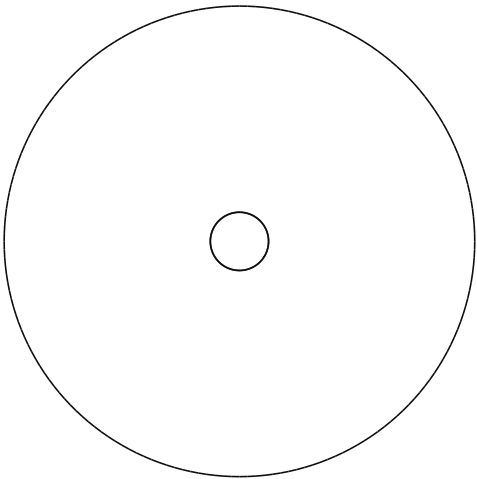
RIGHT



ISO



FRONT



SECTION A-A

— section n/a for assemblies —

KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	6.080"
Overall Y	2.500"
Overall Z	6.080"

PART
end cap + pressed steel journal shaft

PART ID
cylinder_endcap_assy

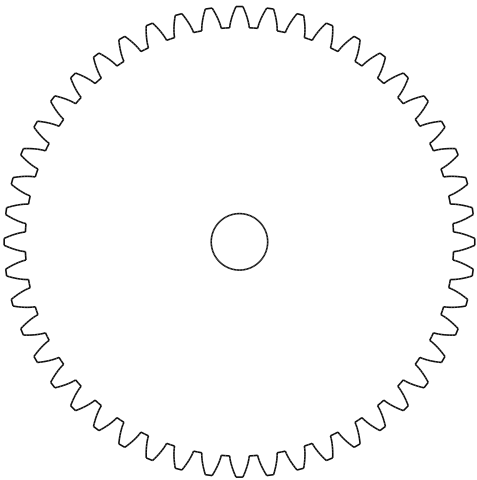
MATERIAL
—

QTY
—

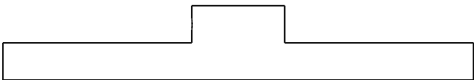
CATEGORY
Assembly

SCALE
1:2.48

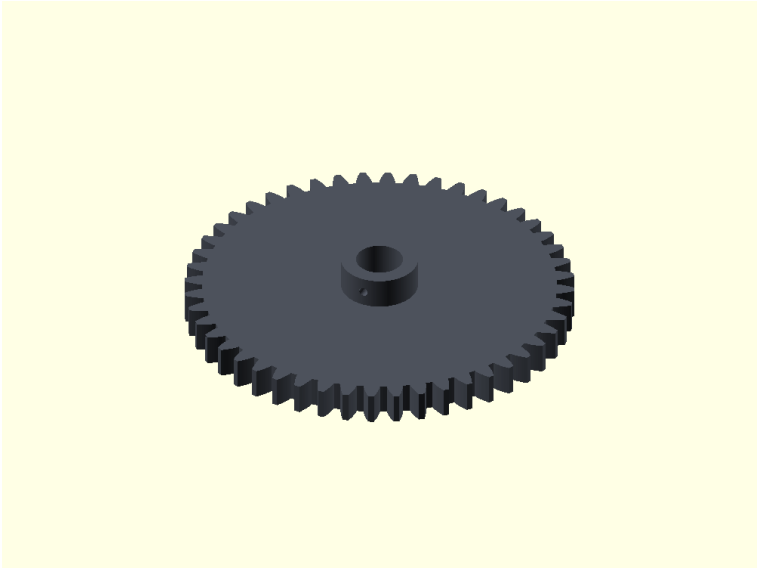
TOP



RIGHT



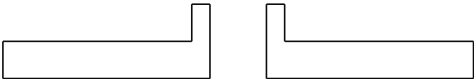
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	6.333"
Overall Y	6.333"
Overall Z	1.000"
KEY FEATURES	
Tooth count	48.000"
Gear module	0.127"

PART
3D-printed drive pinion

PART ID
cylinder_pinion

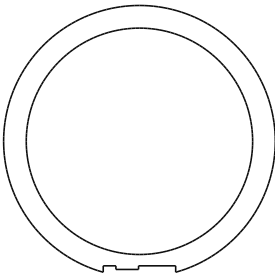
MATERIAL
3D print (PETG/nylon)

QTY
1

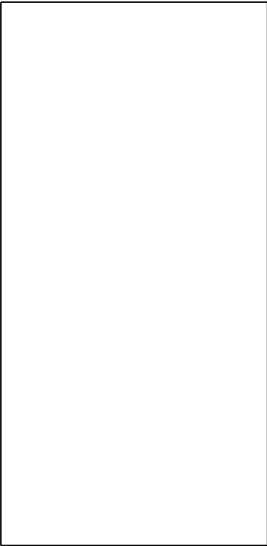
CATEGORY
3D-print

SCALE
1:2.58

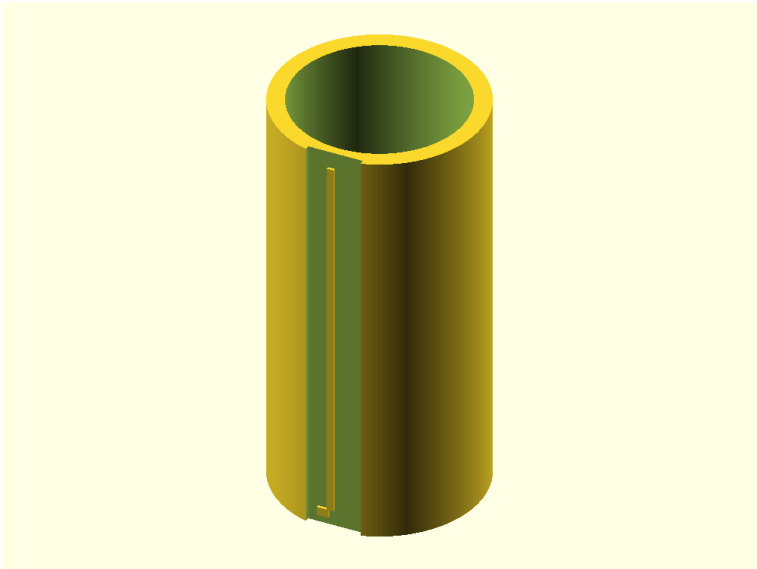
TOP



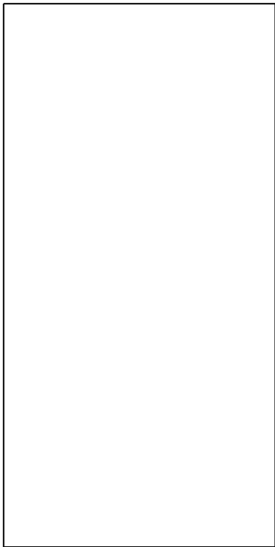
RIGHT



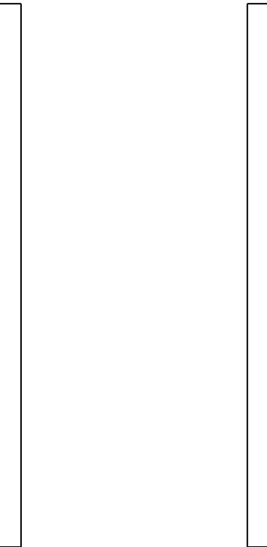
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	6.000"
Overall Y	5.891"
Overall Z	12.000"
KEY FEATURES	
Cylinder OD	6.000"
Wall thickness	0.500"
Face width	12.000"
Journal dia	0.750"
Journal length	1.500"
Reg. gap depth	0.250"
Reg. gap width	1.600"

PART
impression-cylinder body tube

PART ID
cylinder_tube

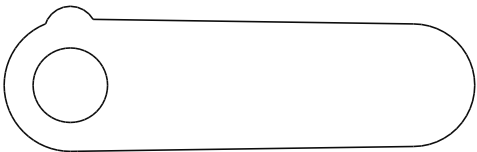
MATERIAL
6" OD x 1/2" wall 6061-T6 tube

QTY
1

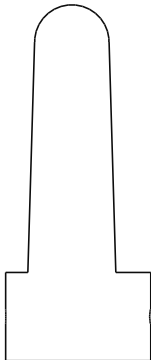
CATEGORY
Fabricate

SCALE
1:4.24

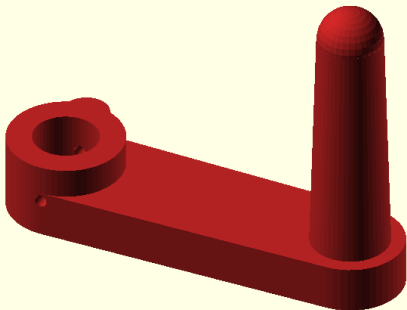
TOP



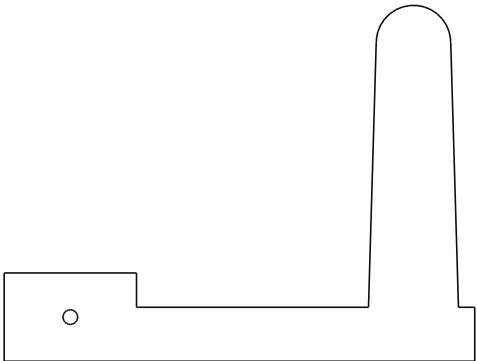
RIGHT



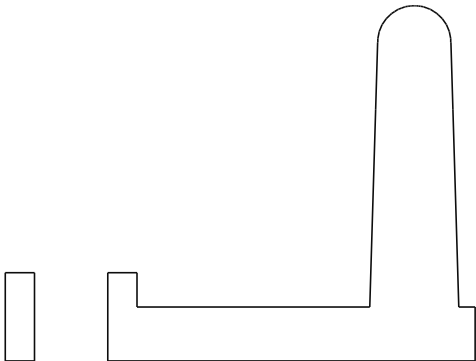
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)

OVERALL ENVELOPE	
Overall X	4.800"
Overall Y	1.480"
Overall Z	3.628"

PART
3D-printed hand crank for the rack & pinion drive

PART ID
drive_crank

MATERIAL
3D print (PETG/nylon)

QTY
1

CATEGORY
3D-print

SCALE
1:1.96

TOP



RIGHT



ISO



FRONT



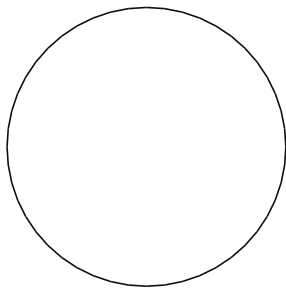
SECTION A-A



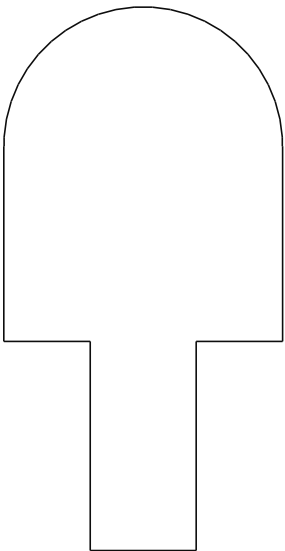
KEY DIMENSIONS (in)		
OVERALL ENVELOPE		
Overall X		5.969"
Overall Y		0.500"
Overall Z		1.005"
KEY FEATURES		
Gear module		0.127"
Mesh pinion teeth		48.000"

PART	PART ID	MATERIAL	QTY	CATEGORY	SCALE
3D-printed drive rack	drive_rack	3D print (PETG/nylon)	5	3D-print	1:2.44
GRAFIK — small proof press		REVIEW ONLY — NOT FOR FABRICATION		2026-10-20	

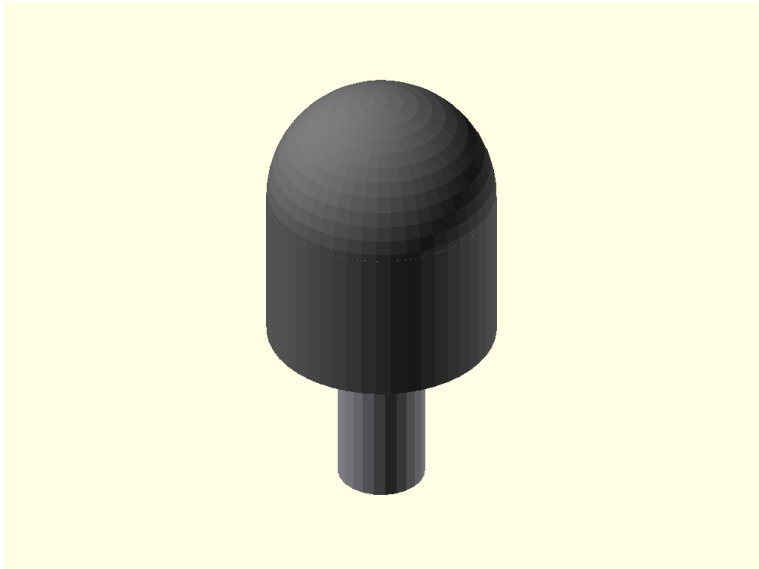
TOP



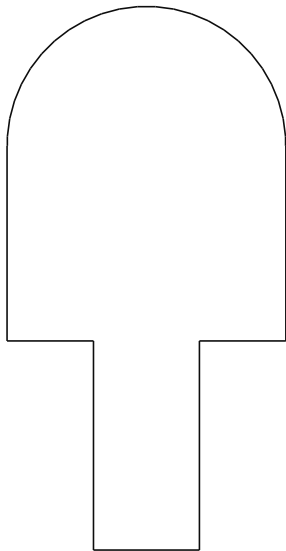
RIGHT



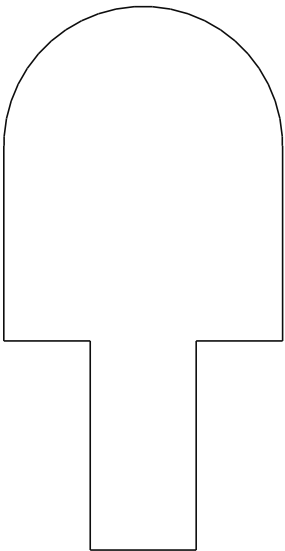
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	0.500"
Overall Y	0.500"
Overall Z	0.974"

PART
travel end-stop bumper

PART ID
end_bumper

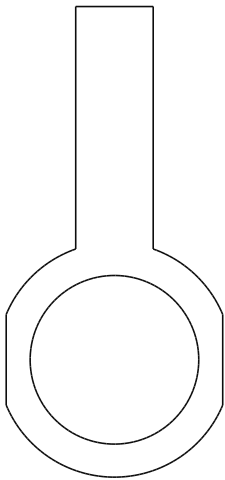
MATERIAL
rubber stud bumper

QTY
4

CATEGORY
Buy

SCALE
2.90:1

TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	0.950"
Overall Y	2.065"
Overall Z	0.380"

PART	PART ID	MATERIAL	QTY	CATEGORY	SCALE
printed carrier for a form-roller bearing	form_bearing_carrier	3D print (PETG/nylon)	4	3D-print	1.19:1
GRAFIK — small proof press		REVIEW ONLY — NOT FOR FABRICATION		2026-10-20	

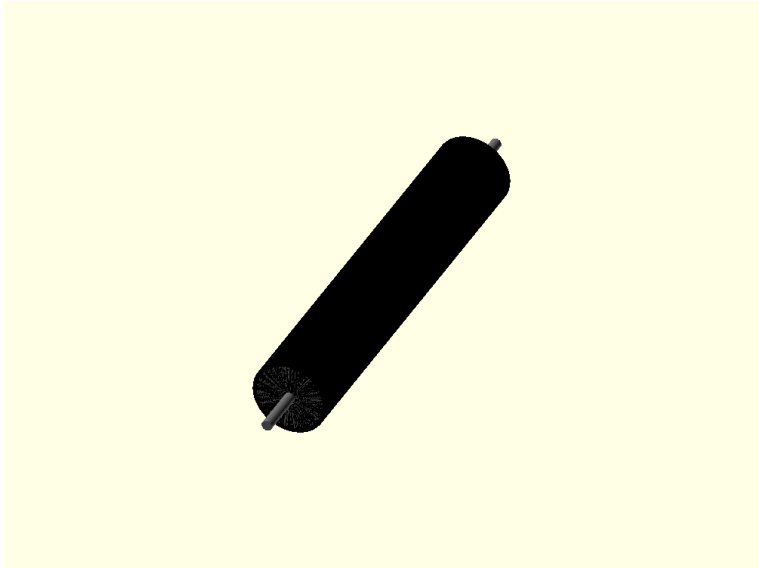
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	2.250"
Overall Y	15.000"
Overall Z	2.250"
KEY FEATURES	
Finished OD	2.250"
Roller spacing (X)	2.812"

PART
rubber-covered form roller

PART ID
form_roller

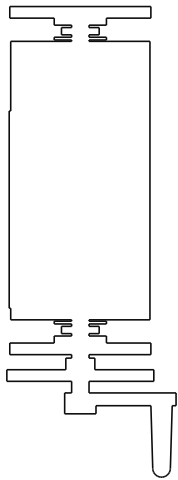
MATERIAL
rubber over steel core

QTY
2

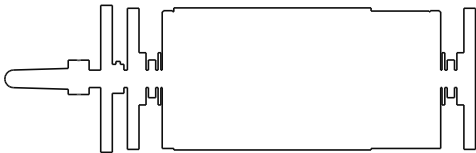
CATEGORY
Fabricate

SCALE
1:6.12

TOP



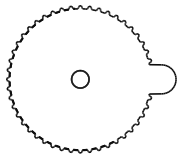
RIGHT



ISO



FRONT



SECTION A-A

— section n/a for assemblies —

KEY DIMENSIONS (in)		
OVERALL ENVELOPE		
Overall X		7.291"
Overall Y		20.278"
Overall Z		6.333"
KEY FEATURES		
Cylinder OD		6.000"
Face width		12.000"
Reg. gap depth		0.250"
Lead clamp X		0.475"

PART
impression cylinder ASSEMBLY

PART ID
impression_cylinder

MATERIAL
—

QTY
—

CATEGORY
Assembly

SCALE
1:8.27

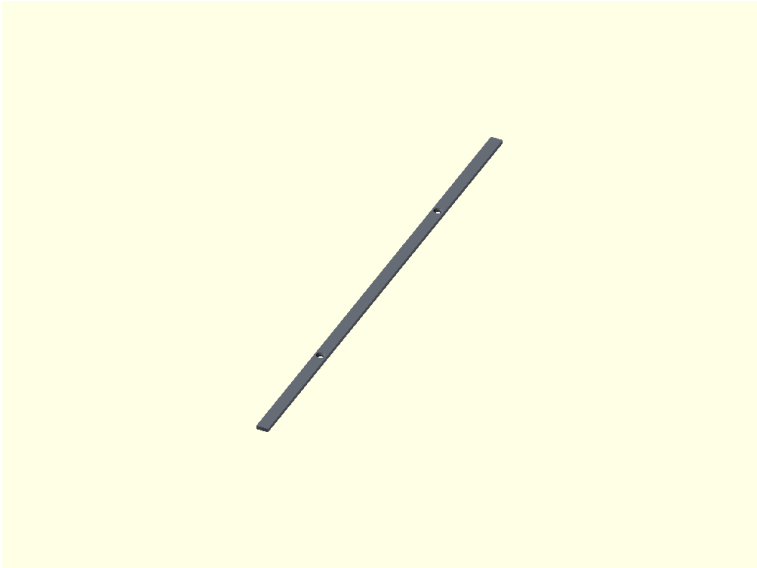
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)		
OVERALL ENVELOPE		
Overall X		0.260"
Overall Y		11.000"
Overall Z		0.080"

PART
packing-lead retainer strip

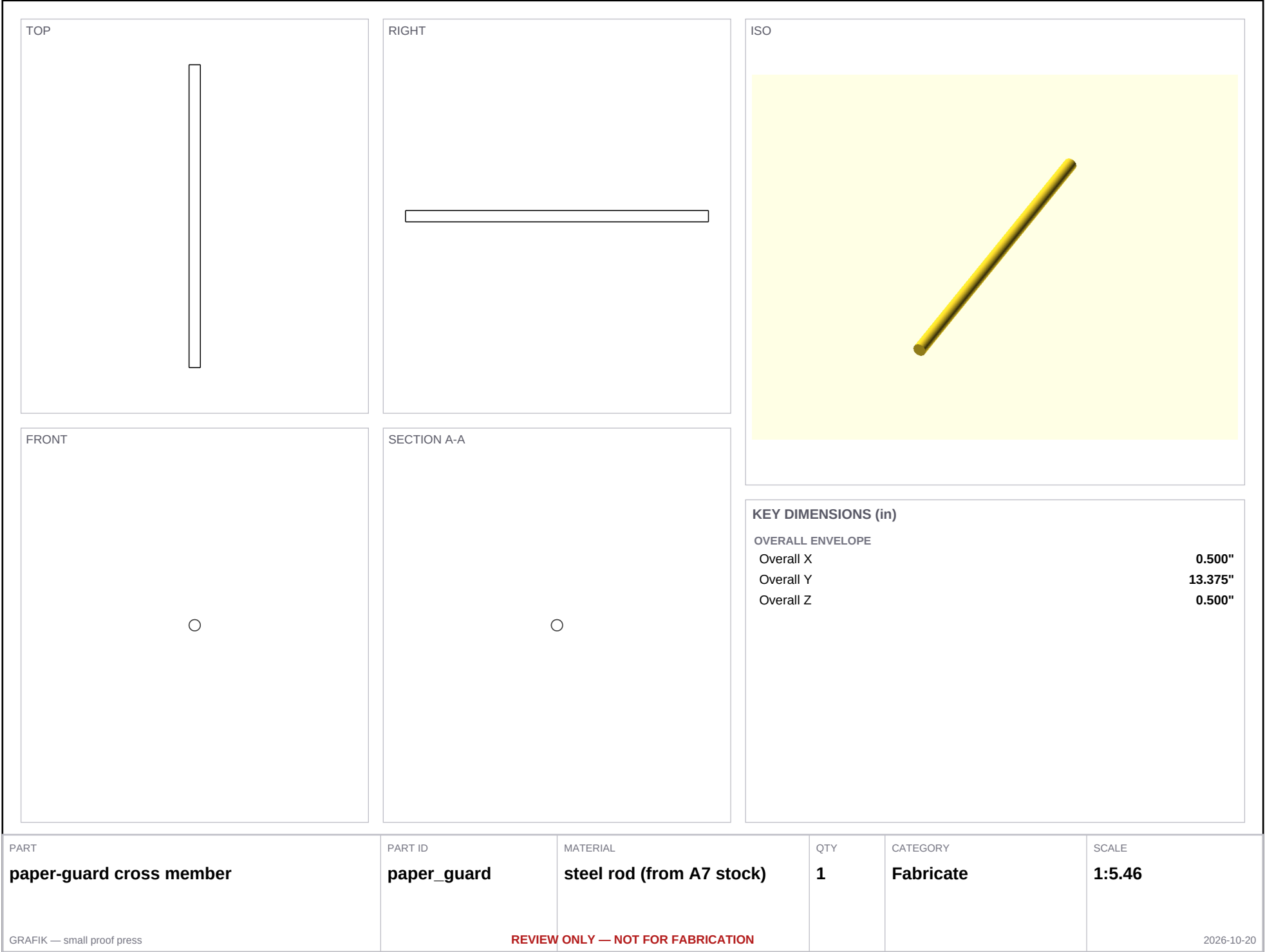
PART ID
packing_lead_retainer

MATERIAL
aluminum strip

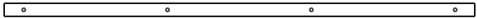
QTY
1

CATEGORY
Fabricate

SCALE
1:4.49



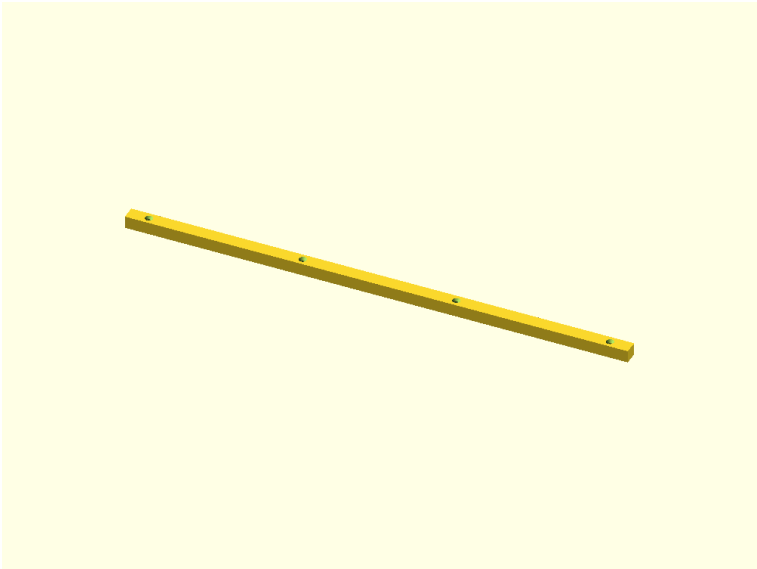
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	36.000"
Overall Y	1.000"
Overall Z	0.878"
KEY FEATURES	
Rail length	36.000"
Rail width	1.000"

PART
steel guide rail

PART ID
rail

MATERIAL
7/8" x 1" cold-finished steel bar

QTY
2

CATEGORY
Fabricate

SCALE
1:14.69



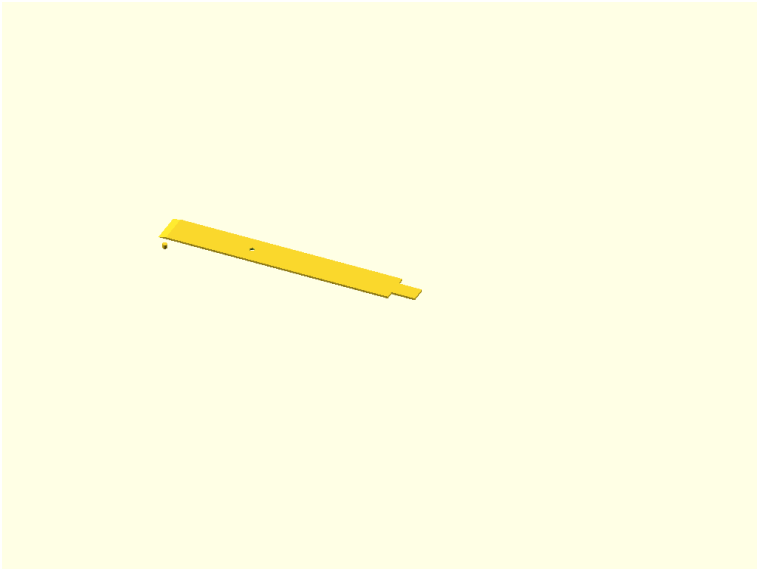
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)		
OVERALL ENVELOPE		
Overall X		8.125"
Overall Y		1.475"
Overall Z		0.132"

PART	PART ID	MATERIAL	QTY	CATEGORY	SCALE
PRINT/EXPORT FILE: the trip shim's HEEL half	rail_shim_heel	1/16" x 1" aluminum bar	2	Fabricate	1:3.31
GRAFIK — small proof press		REVIEW ONLY — NOT FOR FABRICATION		2026-10-20	

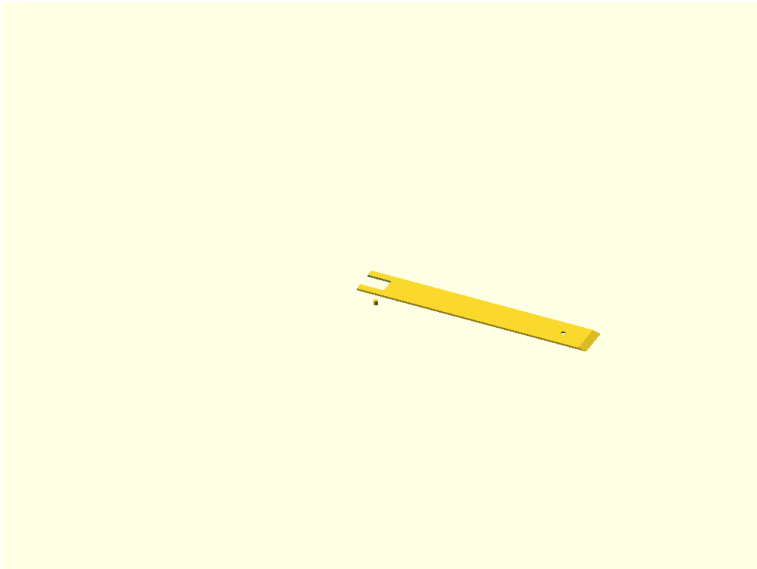
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	7.375"
Overall Y	1.475"
Overall Z	0.132"

PART
PRINT/EXPORT FILE: the trip shim's TOE half

PART ID
rail_shim_toe

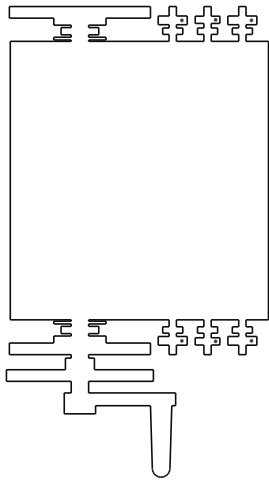
MATERIAL
1/16" x 1" aluminum bar

QTY
2

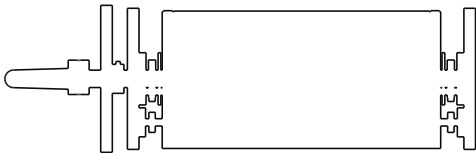
CATEGORY
Fabricate

SCALE
1:3.01

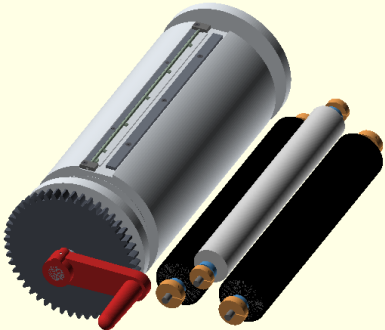
TOP



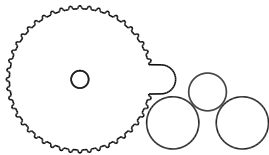
RIGHT



ISO



FRONT



SECTION A-A

— section n/a for assemblies —

KEY DIMENSIONS (in)

OVERALL ENVELOPE

Overall X	11.291"
Overall Y	20.278"
Overall Z	6.333"

PART
roller demo / aggregator

PART ID
rollers

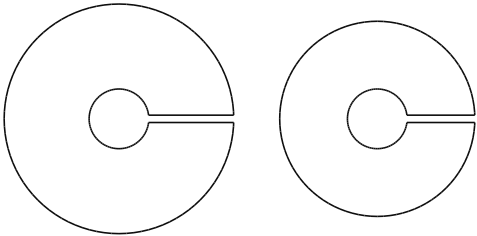
MATERIAL
—

QTY
—

CATEGORY
Assembly

SCALE
1:8.27

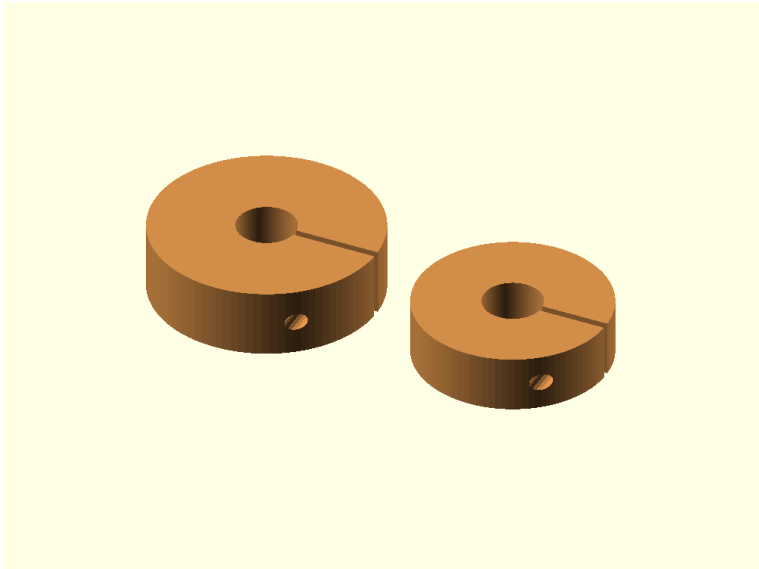
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)

OVERALL ENVELOPE	
Overall X	2.562"
Overall Y	1.250"
Overall Z	0.375"

PART
PRINTED clamp collar

PART ID
shaft_collar

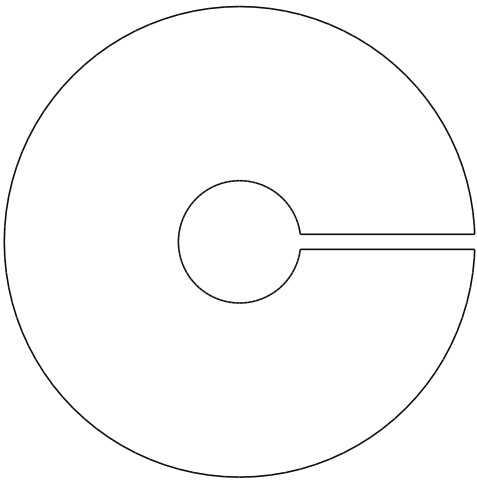
MATERIAL
3D print (PETG/nylon)

QTY
6

CATEGORY
3D-print

SCALE
1:1.05

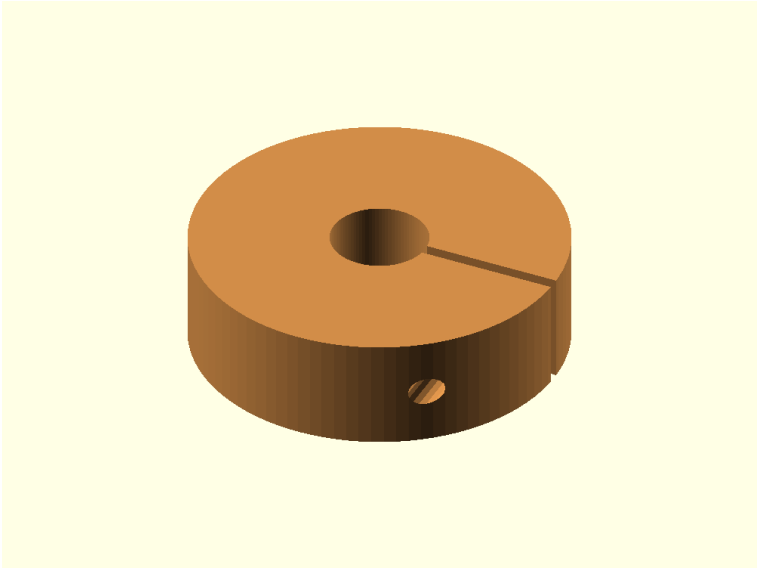
TOP



RIGHT



ISO



FRONT



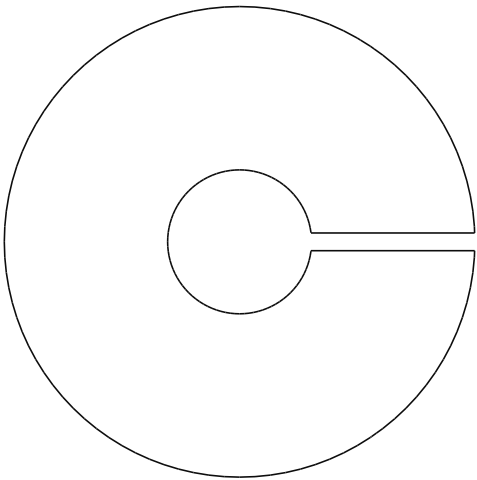
SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	1.249"
Overall Y	1.250"
Overall Z	0.375"

PART	PART ID	MATERIAL	QTY	CATEGORY	SCALE
PRINT/EXPORT FILE: form-roller collar	shaft_collar_form	3D print (PETG/nylon)	4	3D-print	1.96:1
GRAFIK — small proof press		REVIEW ONLY — NOT FOR FABRICATION		2026-10-20	

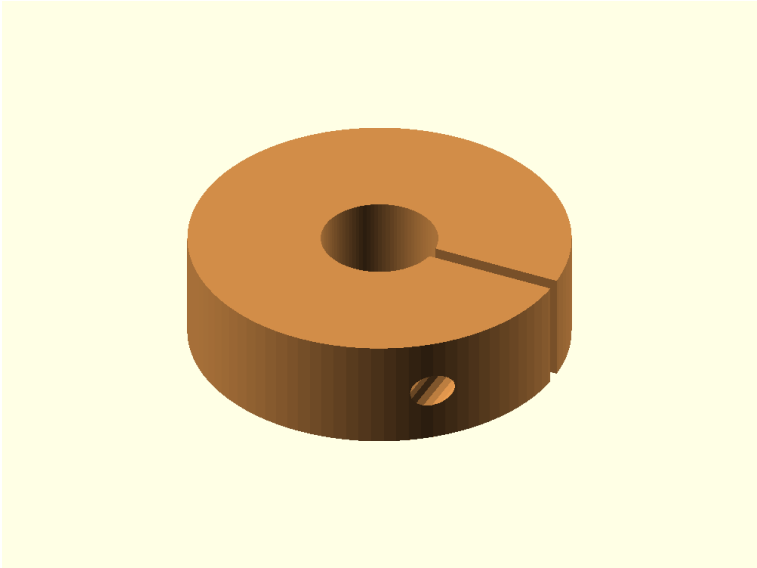
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	1.062"
Overall Y	1.062"
Overall Z	0.312"

PART	PART ID	MATERIAL	QTY	CATEGORY	SCALE
PRINT/EXPORT FILE: vibrator collar	shaft_collar_vib	3D print (PETG/nylon)	2	3D-print	2.31:1
GRAFIK — small proof press		REVIEW ONLY — NOT FOR FABRICATION		2026-10-20	

TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)		
OVERALL ENVELOPE		
Overall X		1.600"
Overall Y		11.900"
Overall Z		0.247"

PART
sprung-finger sheet quick clamp

PART ID
sheet_gripper

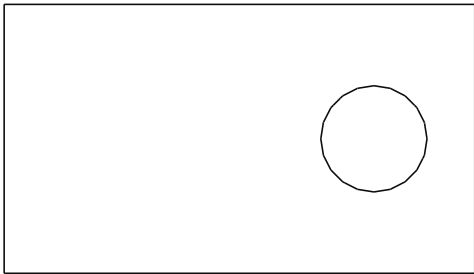
MATERIAL
—

QTY
—

CATEGORY
Assembly

SCALE
1:4.86

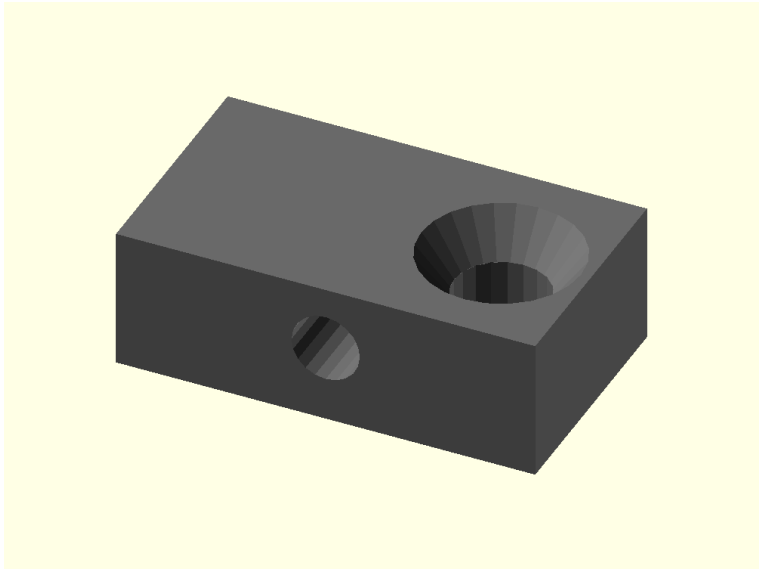
TOP



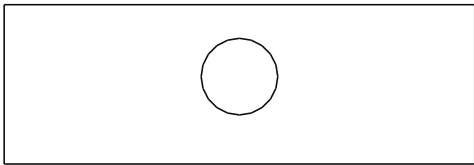
RIGHT



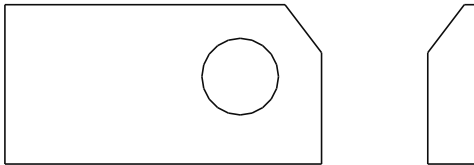
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)

OVERALL ENVELOPE	
Overall X	0.700"
Overall Y	0.400"
Overall Z	0.237"

PART
sheet-gripper pivot block

PART ID
sheet_gripper_block

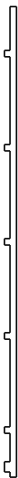
MATERIAL
3D print (PETG)

QTY
2

CATEGORY
3D-print

SCALE
3.50:1

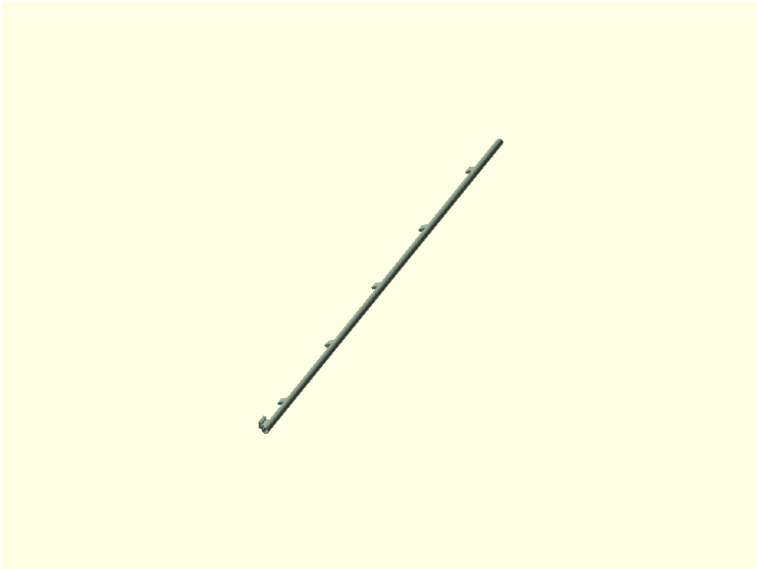
TOP



RIGHT



ISO



FRONT



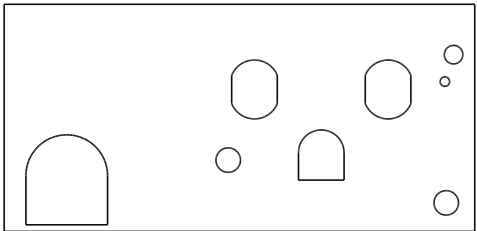
SECTION A-A



KEY DIMENSIONS (in)		
OVERALL ENVELOPE		
Overall X		0.280"
Overall Y		11.000"
Overall Z		0.153"
KEY FEATURES		
Finger count		5.000"
Shaft dia		0.094"
Form clearance		0.095"
Stack height		0.155"

PART	PART ID	MATERIAL	QTY	CATEGORY	SCALE
sheet-gripper finger comb	sheet_gripper_comb	3D print (PETG)	1	3D-print	1:4.49
GRAFIK — small proof press		REVIEW ONLY — NOT FOR FABRICATION		2026-10-20	

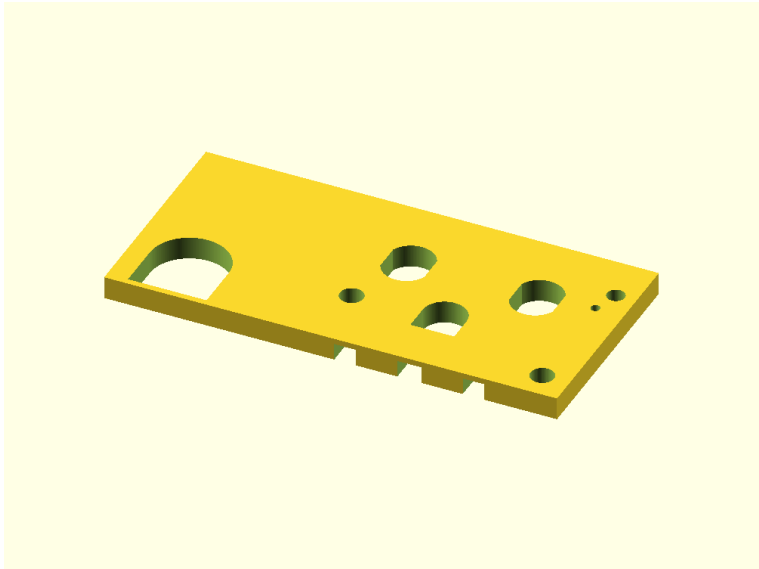
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)

OVERALL ENVELOPE

Overall X	9.908"
Overall Y	4.781"
Overall Z	0.500"

KEY FEATURES

Plate thickness	0.500"
-----------------	--------

PART

carriage side plate

PART ID

side_plate

MATERIAL

1/2" 6061 aluminum

QTY

2

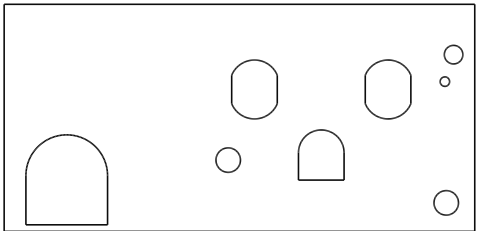
CATEGORY

Fabricate

SCALE

1:4.04

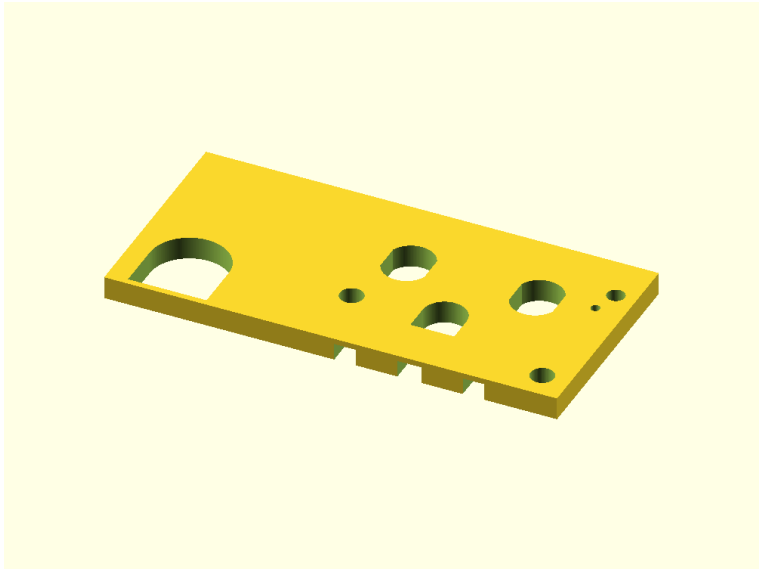
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	9.908"
Overall Y	4.781"
Overall Z	0.500"

PART
PRINT/EXPORT FILE: the side plate, A hand

PART ID
side_plate_a

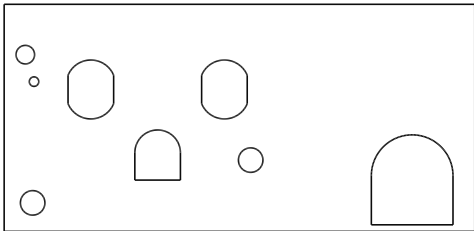
MATERIAL
1/2" 6061 aluminum

QTY
1

CATEGORY
Fabricate

SCALE
1:4.04

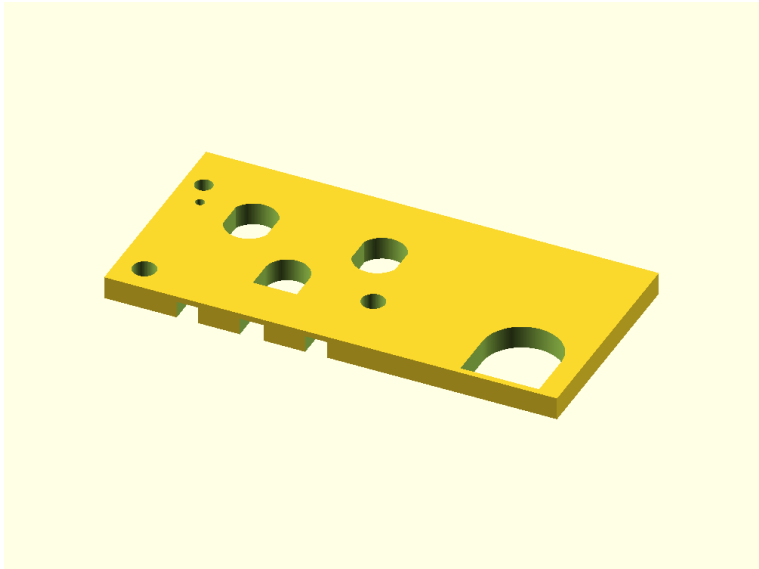
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)

OVERALL ENVELOPE

Overall X	9.908"
Overall Y	4.781"
Overall Z	0.500"

PART

PRINT/EXPORT FILE: the side plate, B hand

PART ID

side_plate_b

MATERIAL

1/2" 6061 aluminum

QTY

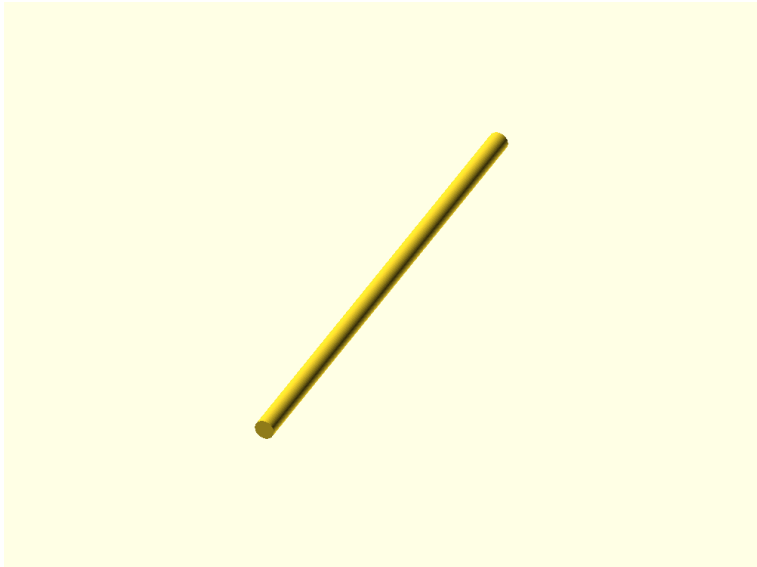
1

CATEGORY

Fabricate

SCALE

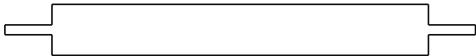
1:4.04

TOP 		RIGHT 		ISO 													
FRONT 		SECTION A-A 		KEY DIMENSIONS (in) <table><tr><td colspan="2">OVERALL ENVELOPE</td></tr><tr><td>Overall X</td><td>0.500"</td></tr><tr><td>Overall Y</td><td>13.375"</td></tr><tr><td>Overall Z</td><td>0.500"</td></tr><tr><td colspan="2">KEY FEATURES</td></tr><tr><td>Rod dia</td><td>0.500"</td></tr></table>		OVERALL ENVELOPE		Overall X	0.500"	Overall Y	13.375"	Overall Z	0.500"	KEY FEATURES		Rod dia	0.500"
OVERALL ENVELOPE																	
Overall X	0.500"																
Overall Y	13.375"																
Overall Z	0.500"																
KEY FEATURES																	
Rod dia	0.500"																
PART rear carriage tie rod		PART ID tie_rod	MATERIAL steel threaded rod		QTY 2	CATEGORY Buy	SCALE 1:5.46										
GRAFIK — small proof press		REVIEW ONLY — NOT FOR FABRICATION				2026-10-20											

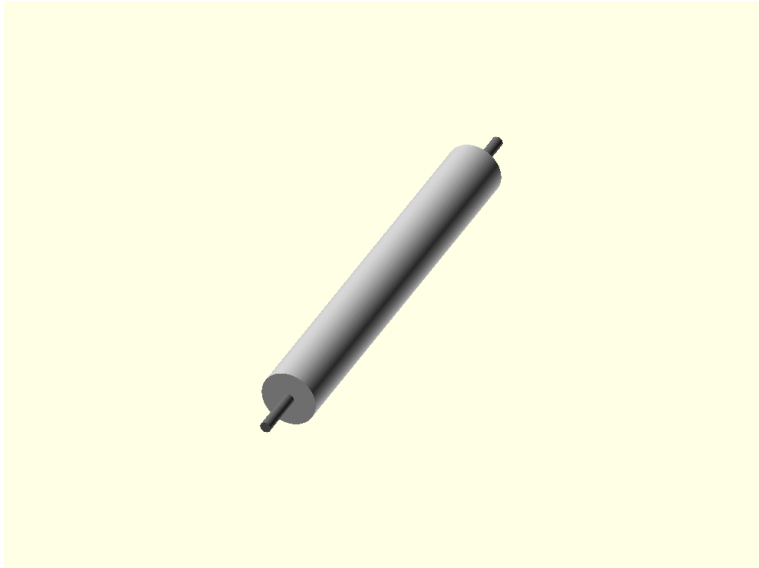
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)		
OVERALL ENVELOPE		
Overall X		1.625"
Overall Y		15.000"
Overall Z		1.625"
KEY FEATURES		
Vibrator OD		1.625"
Face width		12.000"

PART
ink distributor roller

PART ID
vibrator

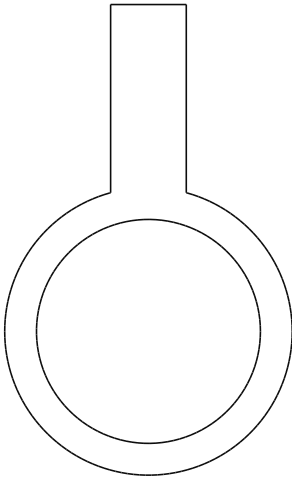
MATERIAL
1.625" OD steel tube

QTY
1

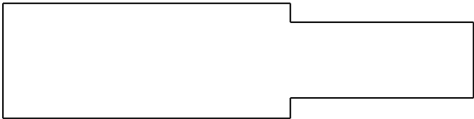
CATEGORY
Fabricate

SCALE
1:6.12

TOP



RIGHT



ISO



FRONT



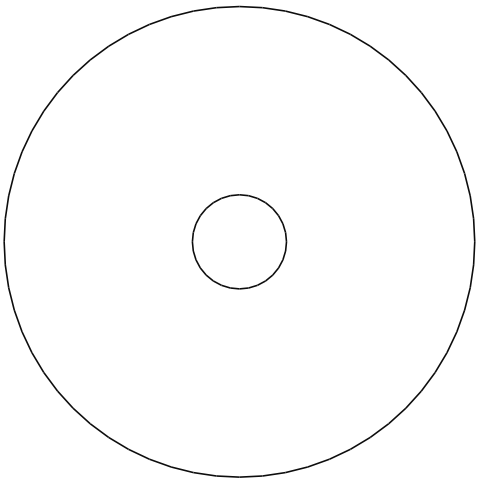
SECTION A-A



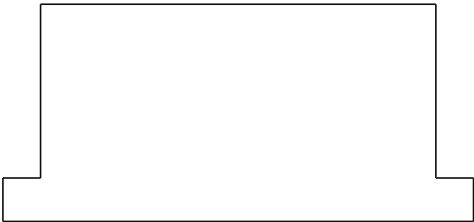
KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	0.950"
Overall Y	1.555"
Overall Z	0.380"

PART	PART ID	MATERIAL	QTY	CATEGORY	SCALE
printed carrier for the vibrator bearing	vibrator_bearing_carrier	3D print (PETG/nylon)	2	3D-print	1.58:1
GRAFIK — small proof press		REVIEW ONLY — NOT FOR FABRICATION		2026-10-20	

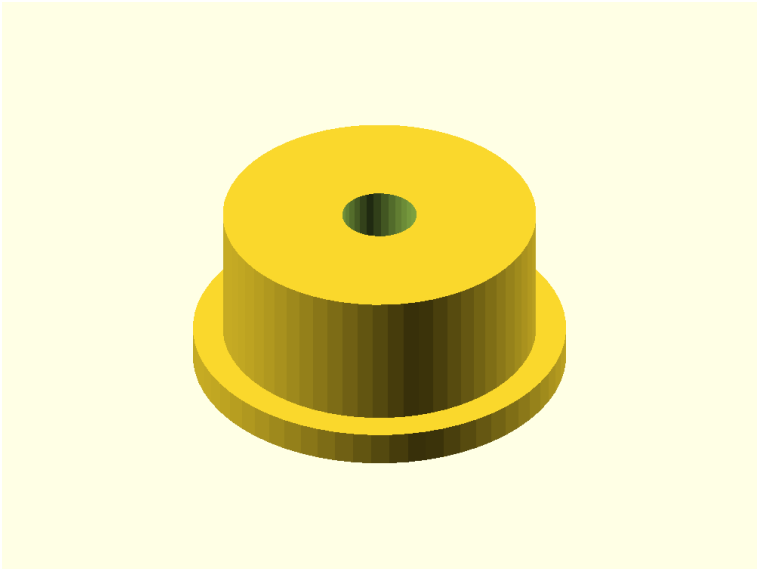
TOP



RIGHT



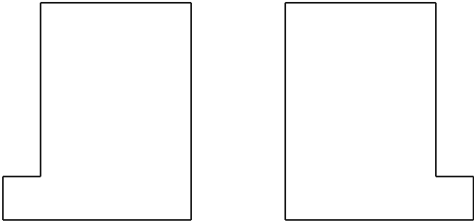
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	1.625"
Overall Y	1.625"
Overall Z	0.750"

PART
3D-printed end insert for the vibrator

PART ID
vibrator_insert

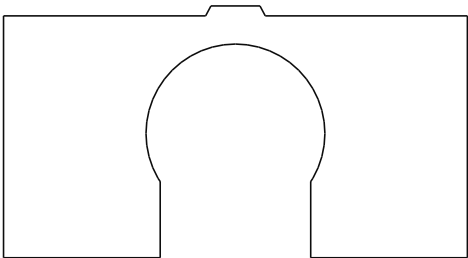
MATERIAL
3D print (PETG)

QTY
2

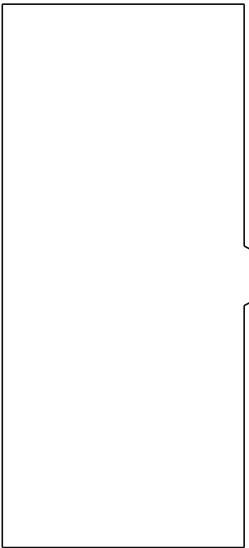
CATEGORY
3D-print

SCALE
1.51:1

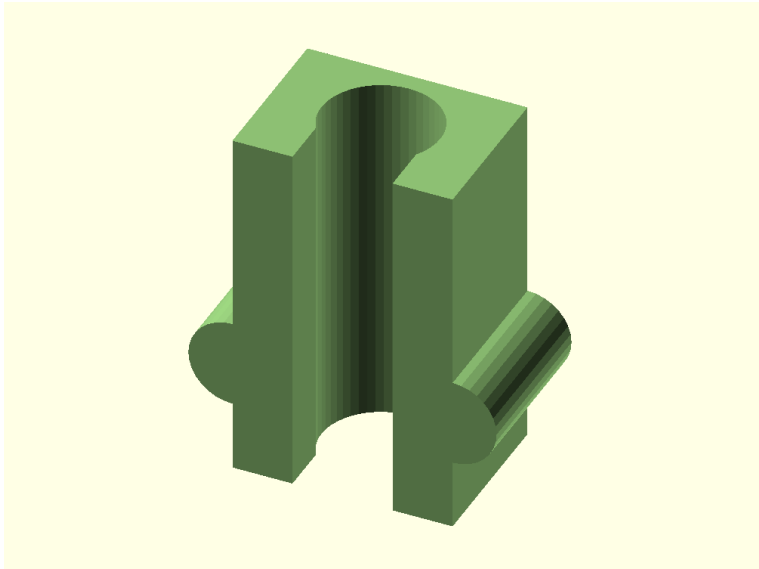
TOP



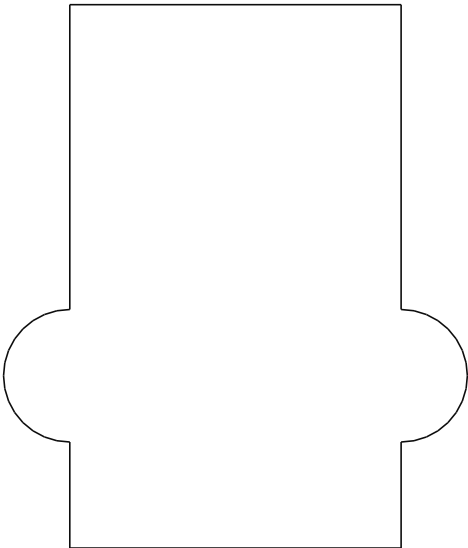
RIGHT



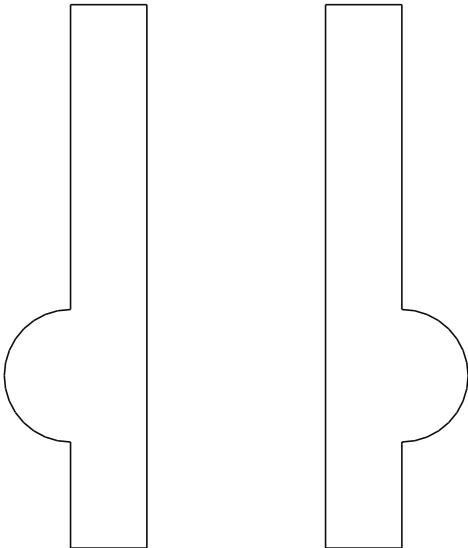
ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)

OVERALL ENVELOPE	
Overall X	0.700"
Overall Y	0.380"
Overall Z	0.820"

PART
the vibrator's lift stop

PART ID
vibrator_stop_insert

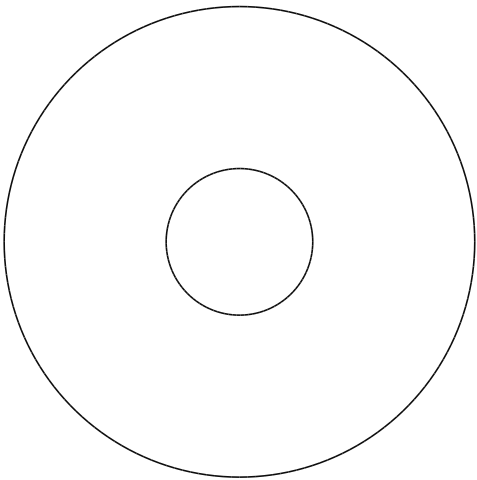
MATERIAL
3D print (PETG/nylon)

QTY
2

CATEGORY
3D-print

SCALE
3.45:1

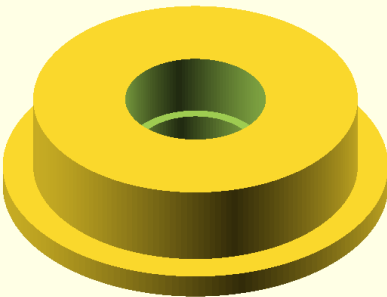
TOP



RIGHT



ISO



FRONT



SECTION A-A



KEY DIMENSIONS (in)	
OVERALL ENVELOPE	
Overall X	2.375"
Overall Y	2.375"
Overall Z	0.650"

PART
3D-printed single-flange track wheel

PART ID
wheel

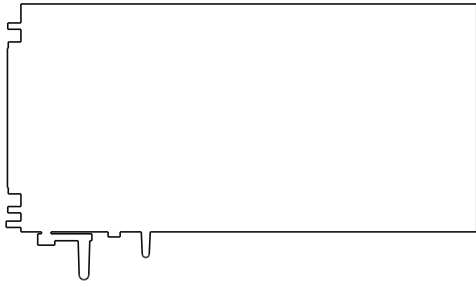
MATERIAL
3D print (PETG/PLA)

QTY
2

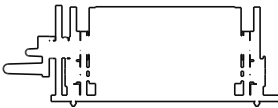
CATEGORY
3D-print

SCALE
1.03:1

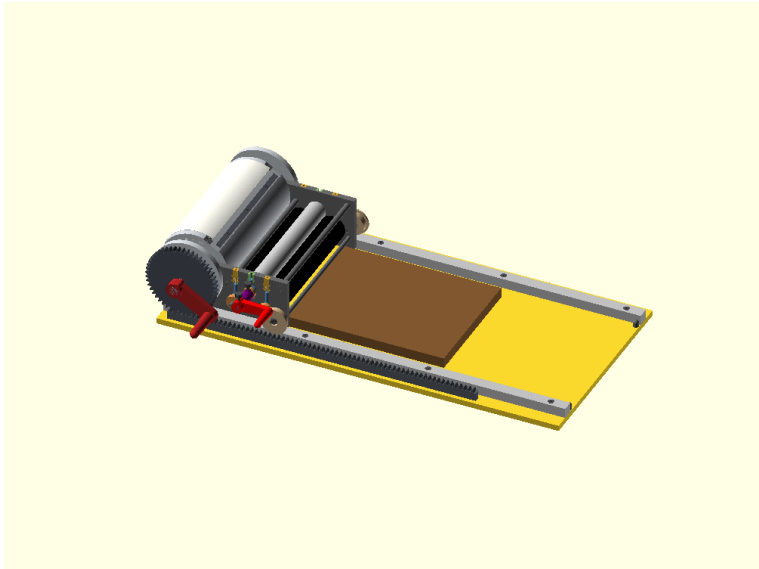
TOP



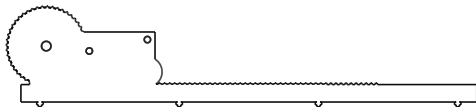
RIGHT



ISO



FRONT



SECTION A-A

— section n/a for assemblies —

KEY DIMENSIONS (in)

OVERALL ENVELOPE		
Overall X		37.166"
Overall Y		21.778"
Overall Z		7.956"
KEY FEATURES		
Bed length (X)		36.000"
Bed width (Y)		18.000"
Cylinder OD		6.000"
Max form width		14.000"
Max form height		11.000"

PART
GRAFIK — full press assembly

PART ID
assembly

MATERIAL
—

QTY
—

CATEGORY
Assembly

SCALE
1:15.16