

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	1	MULDEX-38	Y-AXIS STOP, LH	PDB INC
2	1	MULDEX-37	Y-AXIS STOP, RH	3DPW
3	1	MULDEX-10	KINEMATIC ASSEMBLY	3DPW
4	1	MULDEX-28	FLEX PLATE CADDY ASSY	3DPW
5	2	MULDEX-29	BOWDEN STRAIN RELIF ASSY	3DPW
6	1	MULDEX-30	PANNEL ASSY, LEFT	3DPW
7	1	MULDEX-31	PANNEL ASSEMBLY, RIGHT	3DPW
8	1	MULDEX-32	BOTTOM PANEL ASSY	3DPW
9	1	MULDEX-33	SCRAPER ASSEMBLY, U-AXIS	3DPW
10	1	MULDEX-34	SCRAPPER ASSY, X-AXIS	3DPW
11	1	MULDEX-35	DUET PANNEL	3DPW
12	2	MULDEX-36	LIGHT BAR ASSEMBLY	3DPW
13	1	MULDEX-01	FRAME ASSEMBLY	3DPW
14	1	MULDEX-00-01	BACK COVER PANNEL	REPKORD

MULDEx

3D PRINTER

REP-RAP INDEX

The Muldex was designed and built for the Midwest Rap-Rap festival with the help of our sponsors.

Build Platform:

300mm X 400mm
120v Silicone heater
8mm Mic 6 Aluminum Plate
Kinematic Coupled Bed
Independent motor leveled bed
Flex Plate System

Print Volume:

Single Mode: 365mm x 300mm x 300mm
Copy Mode: 180mm x 300mm x 300mm
Dual Extruder: 330mm x 300mm x 300mm

Kinematics:

X-Y-U Axis: Dual Markforged
Z-Axis: Belted 9mm Planetary Steppers
12 and 9mm Sq. Rail Bearings
Controller: Duet 2/Panel Due i7/Due 5

Frame:

4020 & 2020 Extruded Aluminum

Components:

Independently Adjustable Nozzle Height
Remote Direct Drive Extruders
Purge Bucket/Ooze guards
Reverse Bowden w/filament runout

MULDEx REP RAP INDEX 3D PRINTER **DL1-PR** PART NO: MULDEX-00

TITLE

MAIN ASSEMBLY DRAWING

CONTACT INFO:
EMAIL: mail@ddprintingworld.com
THINGIVERSE: ddpthingiverse.com
TWITTER: ddpworld
YOUTUBE: ddpprintingworld



PROJECT SPONSORS:
Filstruder • Zesty Tech
• Repkord • Wham Bam
• LDO Motors • Slice Engineering
• 3D Fused • Capricorn
• Buildtak •

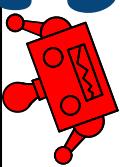


PROJECT SPONSORS:

- 3D Fused
- Keenovo
- RepRap
- Zesty Tech
- Wham Bam
- LDO Motors
- Slice Engineering

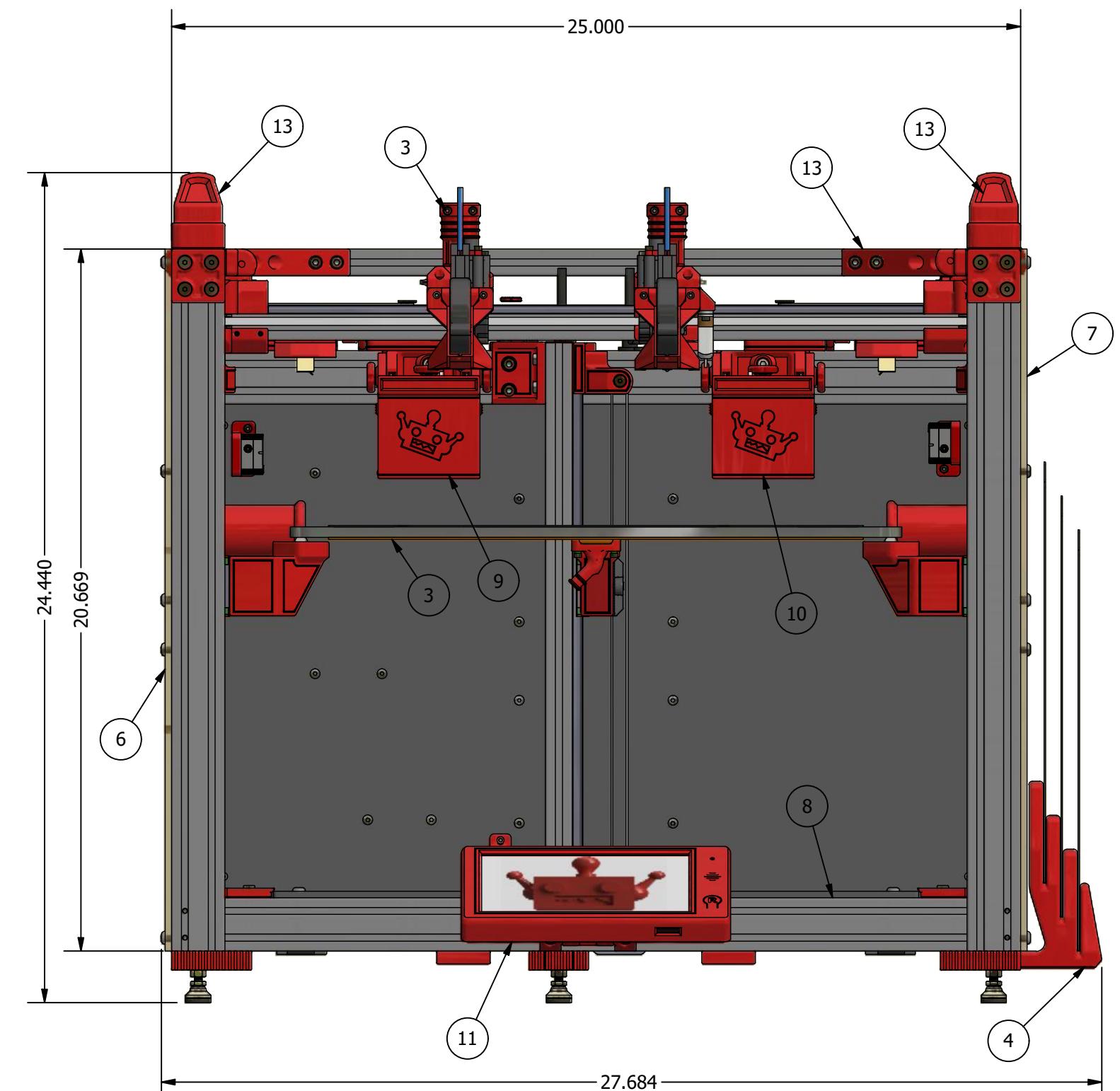
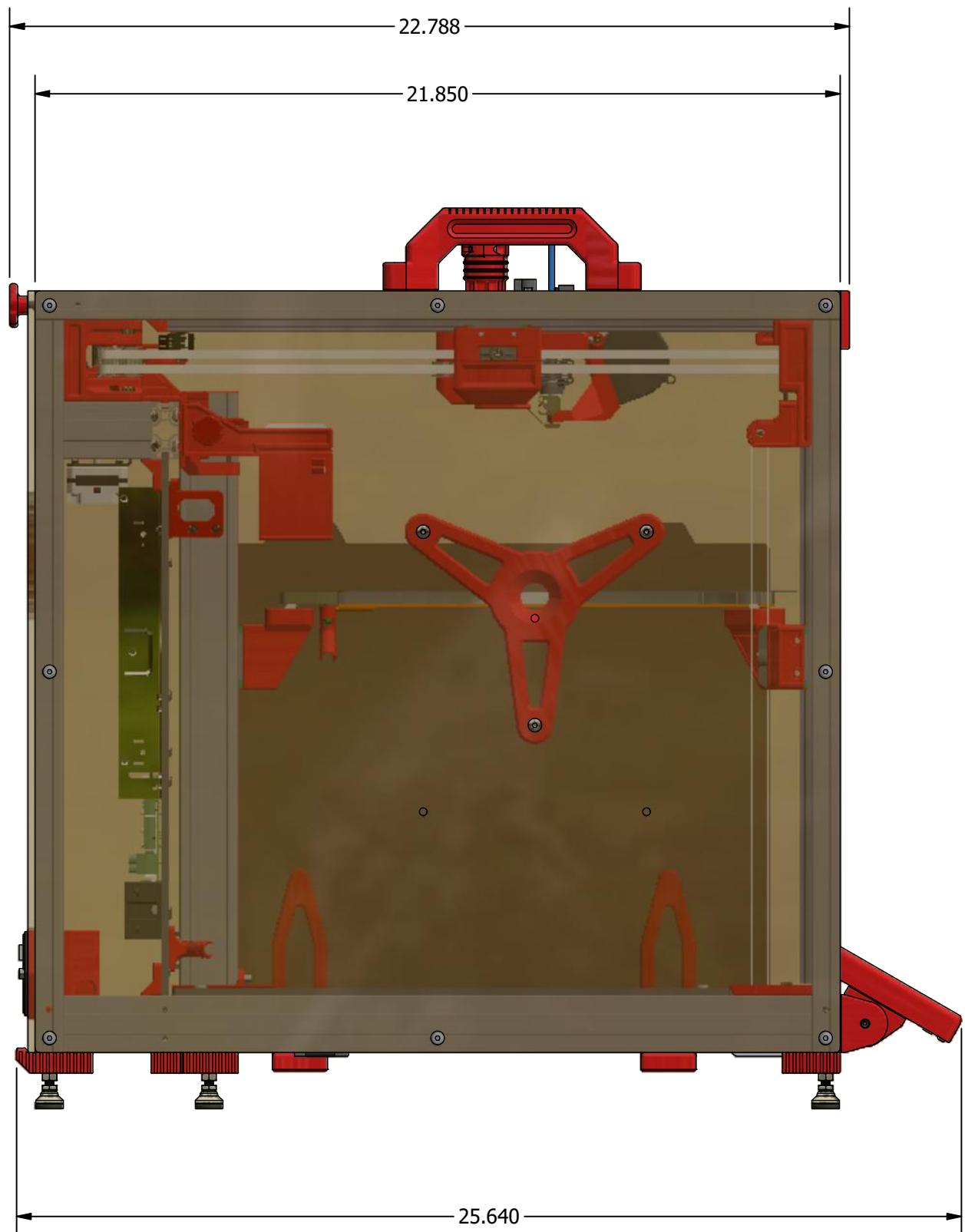
CONTACT INFO:
EMAIL: mail@ddprintingworld.com
THINGIVERSE: [ddprintingworld](#)
TWITTER: [ddpworld](#)
YOUTUBE: [ddprintingworld](#)

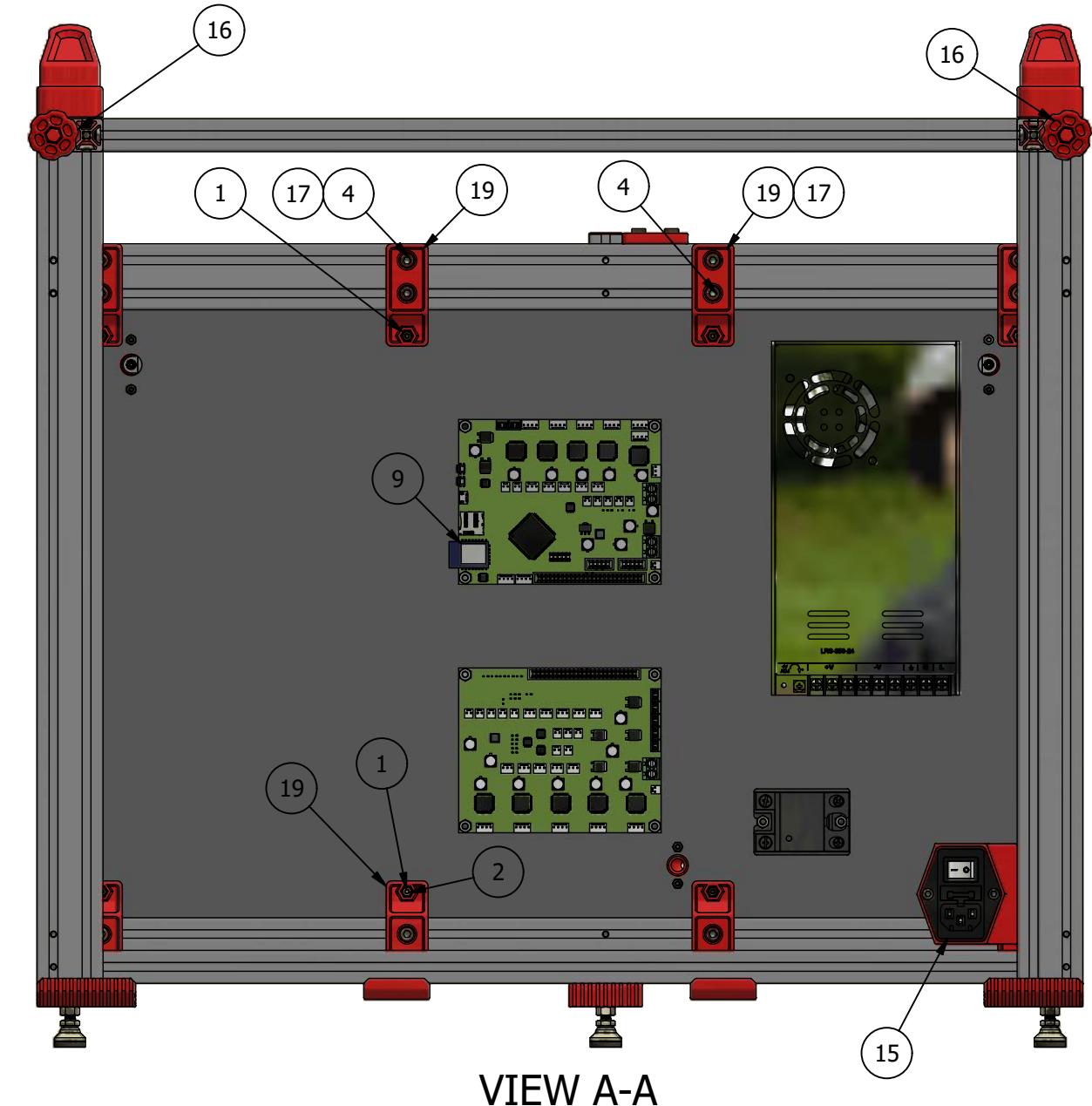
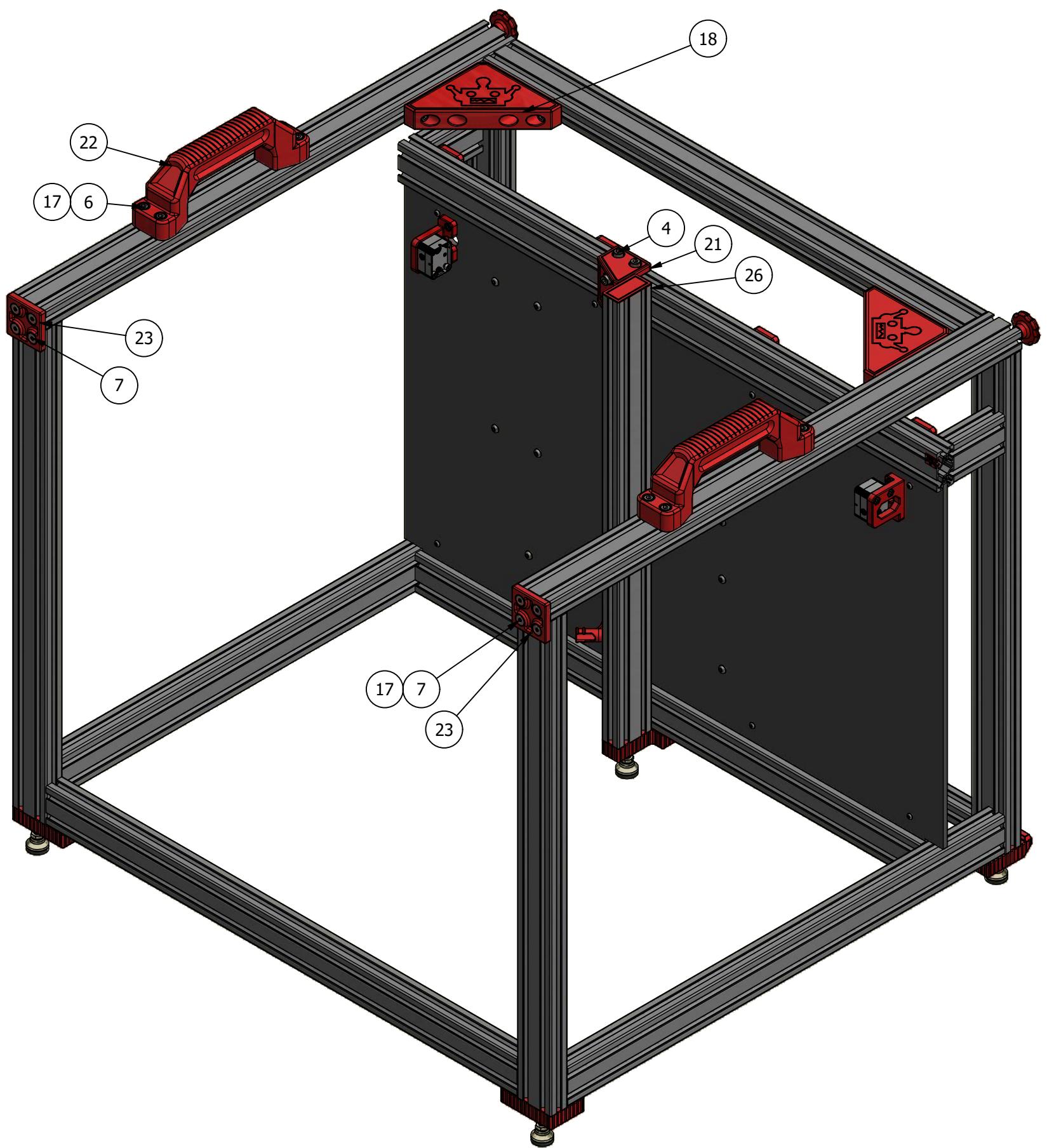
3D PRINTING WORLD



MULDEX REP RAP INDEX 3D PRINTER DL1-PR
TITLE: **MAIN ASSEMBLY DRAWING**
PART NO: **MULDEX-00**

PRELIMINARY

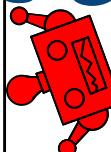




PRELIMINARY

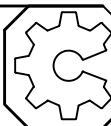
MULDEX REP RAP INDEX 3D PRINTER DL1-PR
TITLE: MULDEX-01
FRAME ASSEMBLY

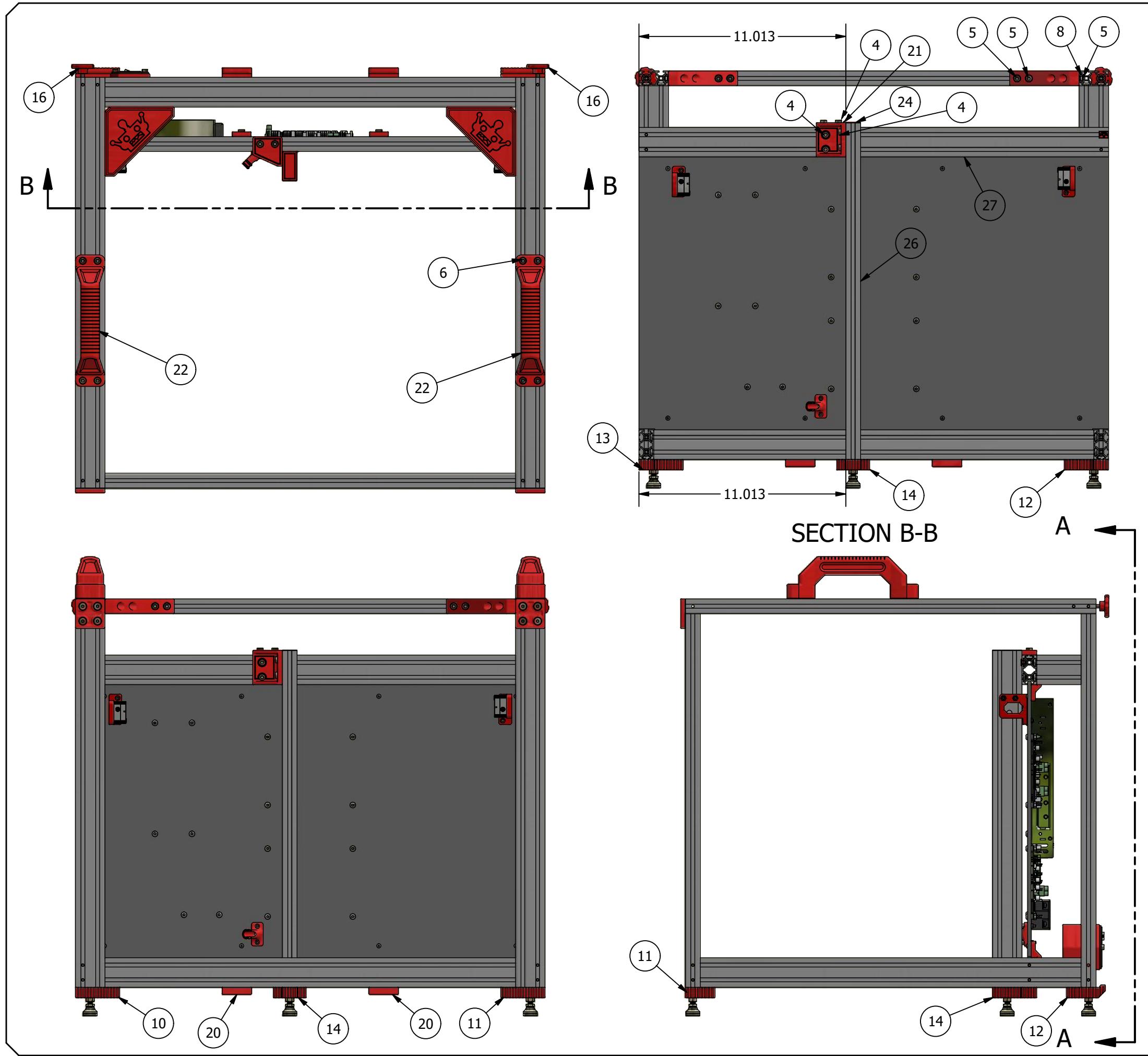
3D printing world



CONTACT INFO:
EMAIL: mail@3dprintingworld.com
THINGIVERSE: 3dprintingworld
TWITTER: 3dprintworld
YOUTUBE: 3dprintingworld

PROJECT SPONSORS:
• Filstruder
• Zesty Tech
• RepRap
• Wham Bam
• LDO Motors
• Slice Engineering
• Keenovo
• Atomic Filament
• Capricorn
• Buildtak





Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	9	M3 x 0.5	HEX NUT	
2	8	M3 x 0.5 x 10	BHCS	
3	2	M5 x 0.8 x 8	BHCS	
4	26	M5x0.8 x 10	SHCS	
5	8	M5x0.8 x 16	SHCS	
6	8	M5x0.8 x 20	SHCS	
7	8	M5x12	FHCS	
8	1	MULDEX-02	FRAME SUB-ASSEMBLY	3DPW
9	1	MULDEX-03	BACK PANEL ASSEMBLY	3DPW
10	1	MULDEX-04	MNT FOOT, FRONT LEFT	3DPW
11	1	MULDEX-05	MNT FOOT, FRONT RIGHT	3DPW
12	1	MULDEX-06	MNT FOOT, BACK RIGHT	3DPW
13	1	MULDEX-07	MOUNTING FOOT, BACK LEFT	3DPW
14	1	MULDEX-08	MOUNTING FOOT, CENTER	3DPW
15	1	MULDEX-09	IEC CONNECTOR ASSY	3DPW
16	2	MULDEX-26	THUMB SCREW ASSEMBLY	3DPW
17	52	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
18	2	MULDEX-03-01	FRAME CORNER GUSSET	ATOMIC
19	8	MULDEX-03-02	BACK PLATE BRACKET	ATOMIC
20	2	MULDEX-03-03	PANNEL SUPPORT	ATOMIC
21	1	MULDEX-03-04	Z-AXIS RAIL SUPPORT	ATOMIC
22	2	MULDEX-03-05	HANDLE	ATOMIC
23	2	MULDEX-03-06	FRONT END CAP	ATOMIC
24	1	MULDEX-03-07	ENDCAP COVER	ATOMIC
25	1	MULDEX-03-08	WIRE CLIP	ATOMIC
26	1	HFSB5-2040-455	EXTRUDED T-SLOT	MISUMI
27	1	HFSB5-2040-635	EXTRUDED T-SLOT	MISUMI

PRELIMINARY

MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**

TITLE FRAME ASSEMBLY

CONTACT INFO:
EMAIL: mail@ddprintingworld.com
THINGIVERSE: ddprintingworld.com
TWITTER: ddprintingworld
YOUTUBE: ddprintingworld

PROJECT SPONSORS:
Filastuder • Zesty Tech
• Keenovo • Repkord
• 3D Fused • Wham Bam
• Capricorn • Slice Engineering
• Buildtak





Parts List

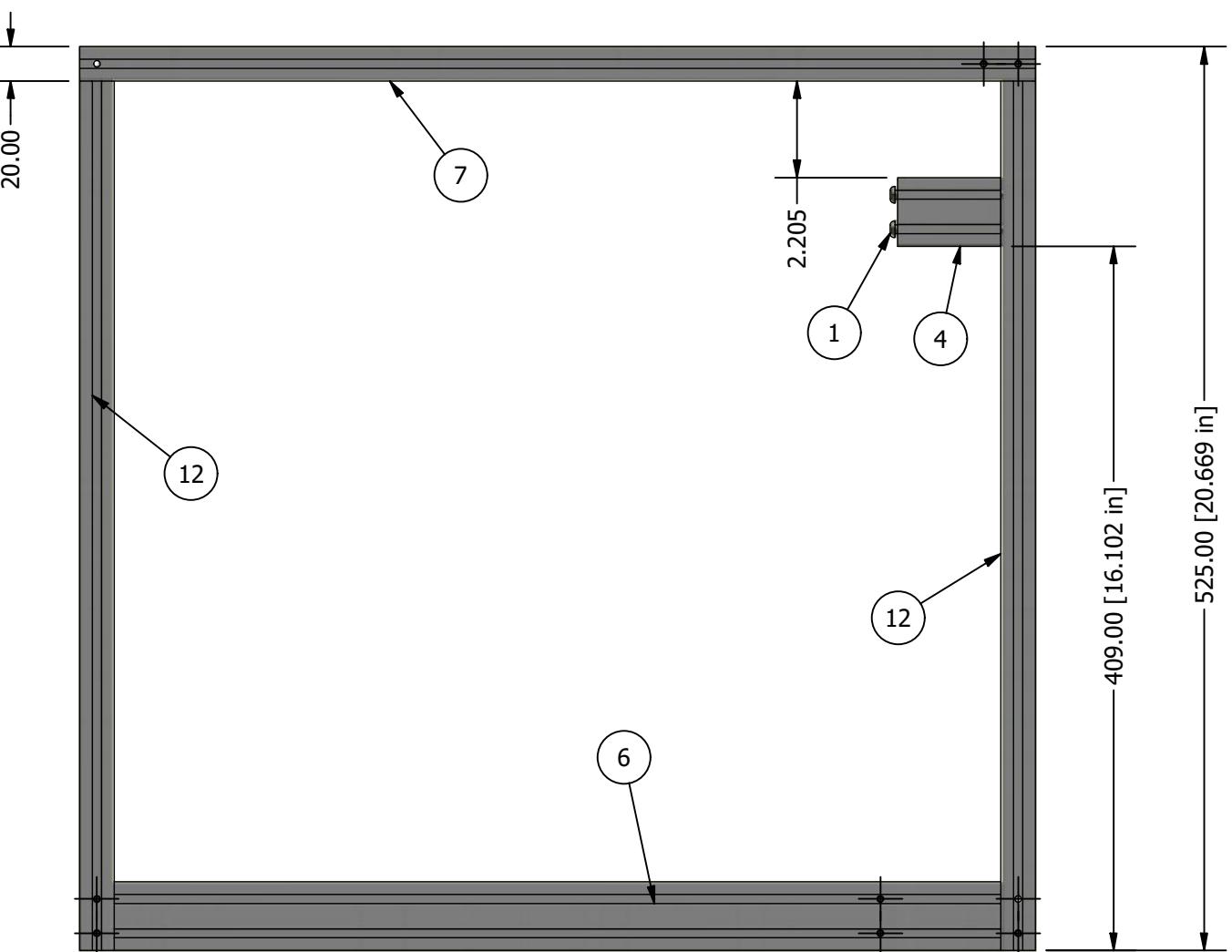
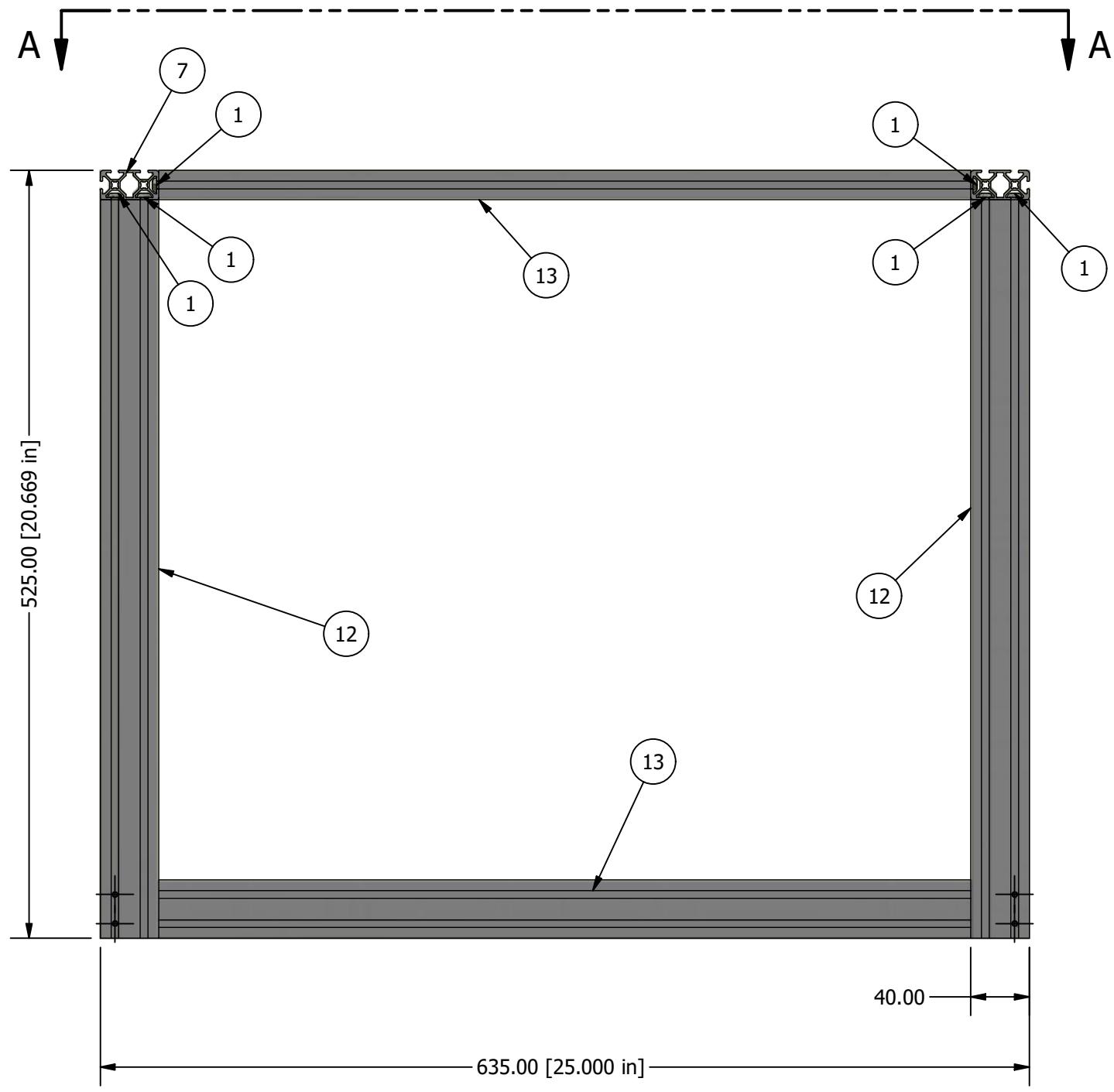
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	41	M5 x 0.8 x 8	BHCS	
2	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
3	1	HFSB5-2020-555-SC	EXTRUDED T-SLOT	MISUMI
4	2	HFSB5-2040-60-SC	EXTRUDED T-SLOT	MISUMI
6	2	HFSB5-2040-515-SC	EXTRUDED T-SLOT	MISUMI
7	2	HFSB5-2040-555	EXTRUDED T-SLOT	MISUMI
8	1	HFSB5-2040-595-SC	EXTRUDED T-SLOT	MISUMI
12	4	HFSB5-2040-505-SC	EXTRUDED T-SLOT	MISUMI
13	2	HFSB5-2040-555-SC	EXTRUDED T-SLOT	MISUMI

PROJECT SPONSORS:

- Filstruder
- Zesty Tech
- LDO Motors
- Keenovo
- Repkord
- Wham Bam
- Slice Engineering
- 3D Fused
- Atomic Filament
- Capricorn
- Buldak

CONTACT INFO:

EMAIL: mail@ddprintingworld.com
THINGIVERSE: [ddprintingworld](#)
TWITTER: [ddprintworld](#)
YOUTUBE: [ddprintingworld](#)



PRELIMINARY

MAT'L: MIC6
TITLE: MULDEX
QTY: 1
FRAME SUB-ASSEMBLY



PROJECT SPONSORS:

- 3D Fused
- Keenovo
- RepRap
- Zesty Tech
- Wham Bam
- LDO Motors
- Filstruder
- Capricorn
- Buildtak
- Slice Engineering

CONTACT INFO:

EMAIL: mail@ddprintingworld.com

THINGIVERSE: [ddprintingworld](#)

TWITTER: [ddpworld](#)

YOUTUBE: [ddprintingworld](#)

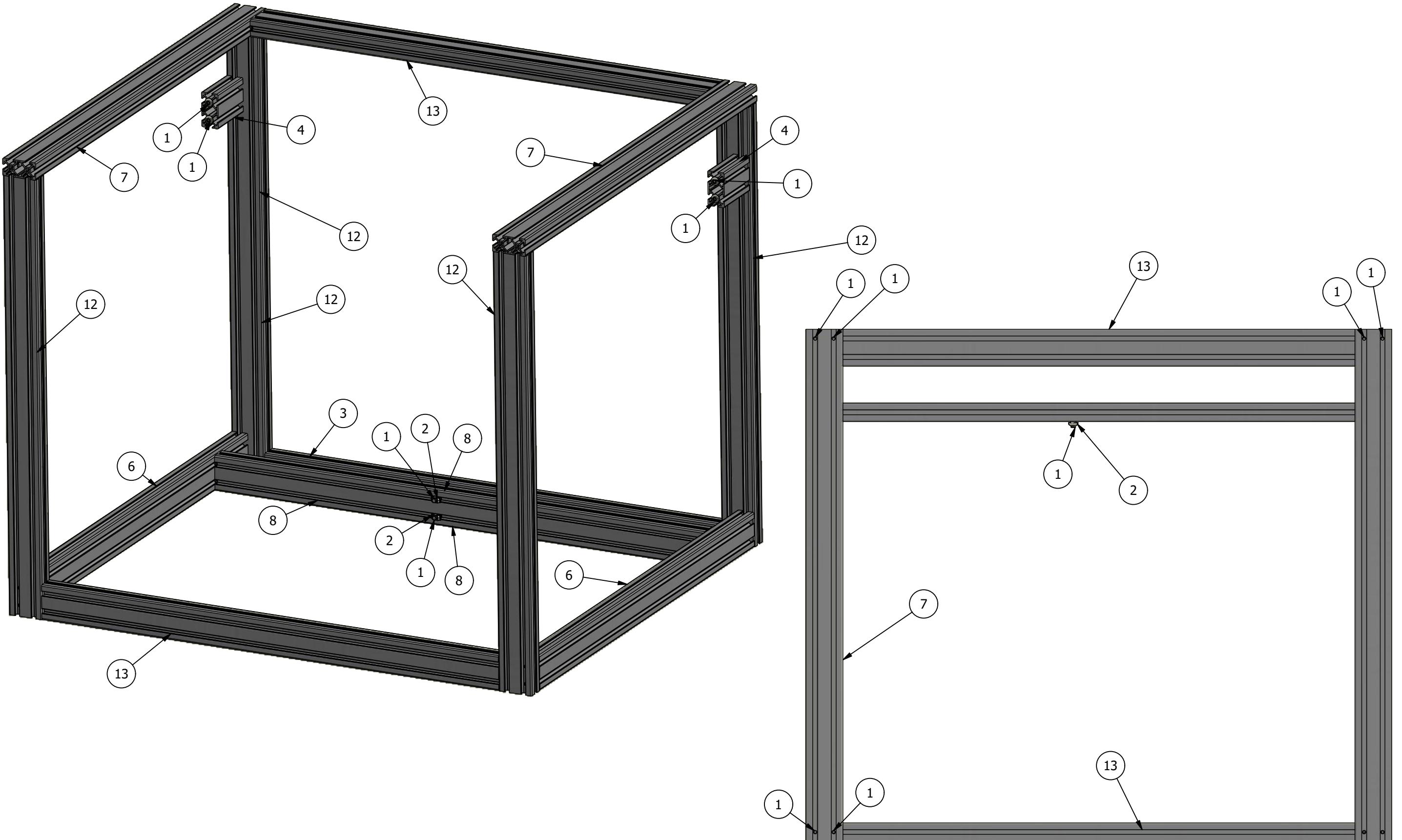
3D PRINTING WORLD



DL1-PR

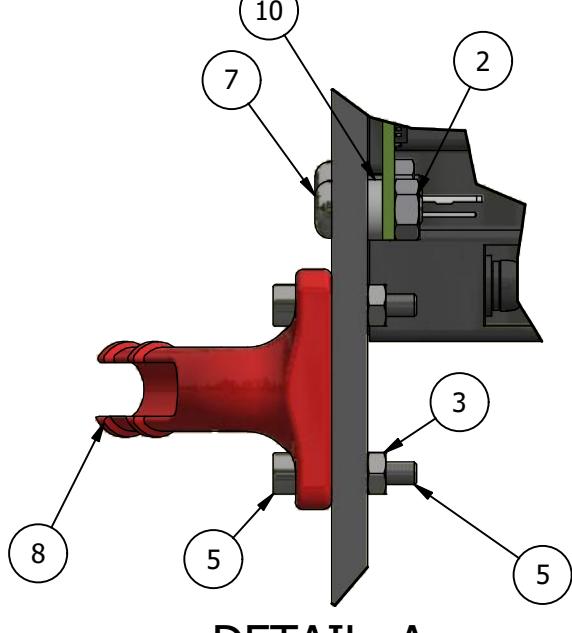
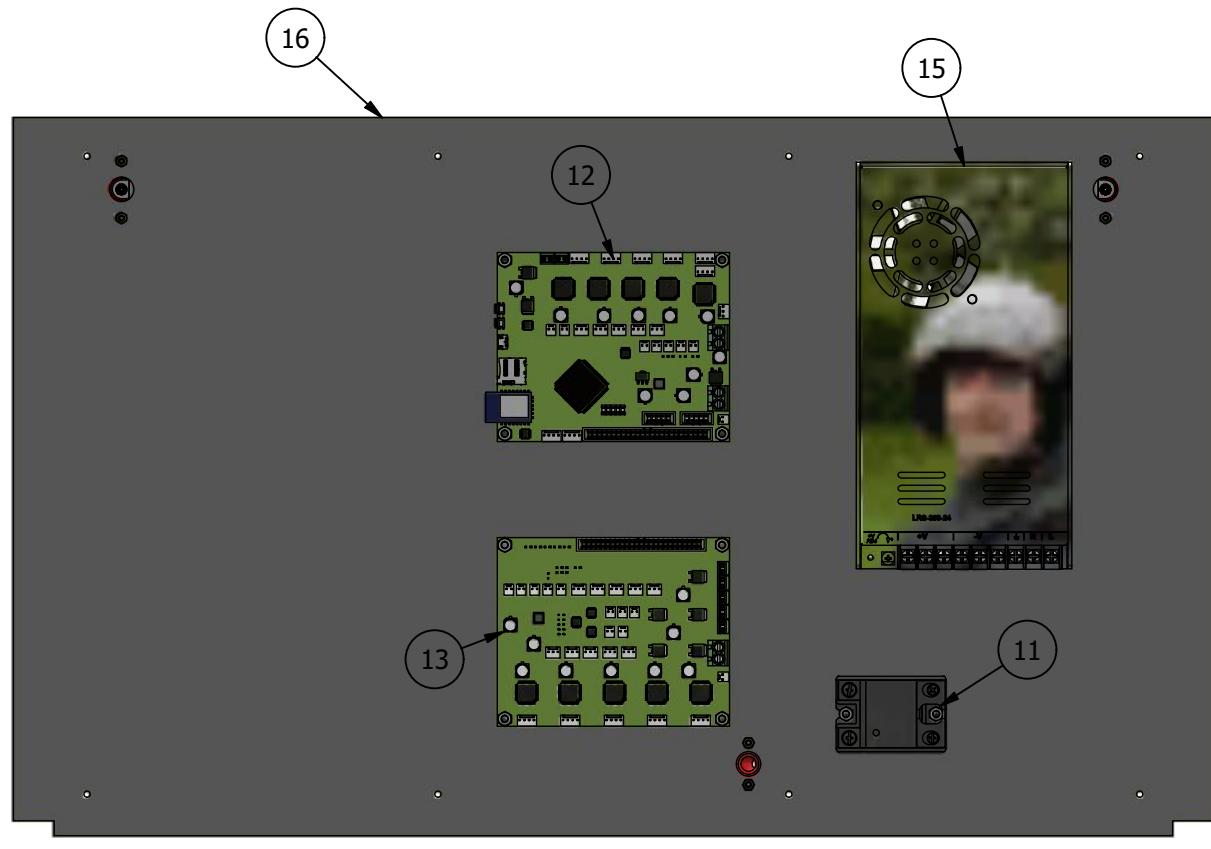
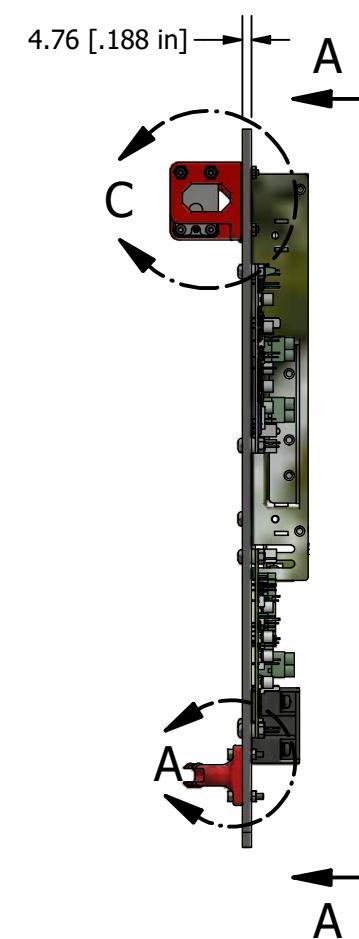
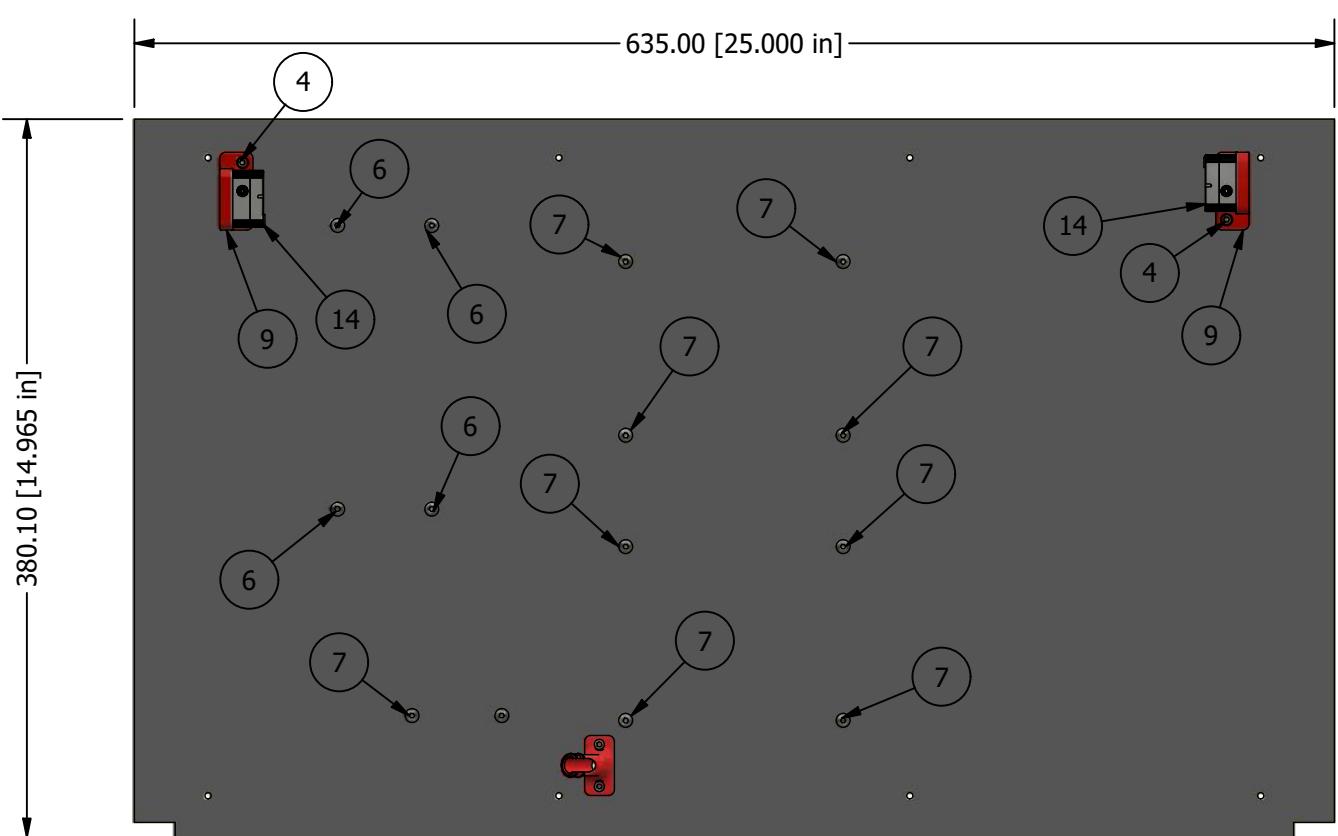
PART NO:
MULDEX-02

MULDEX REP RAP INDEX 3D PRINTER
TITLE
FRAME SUB-ASSEMBLY

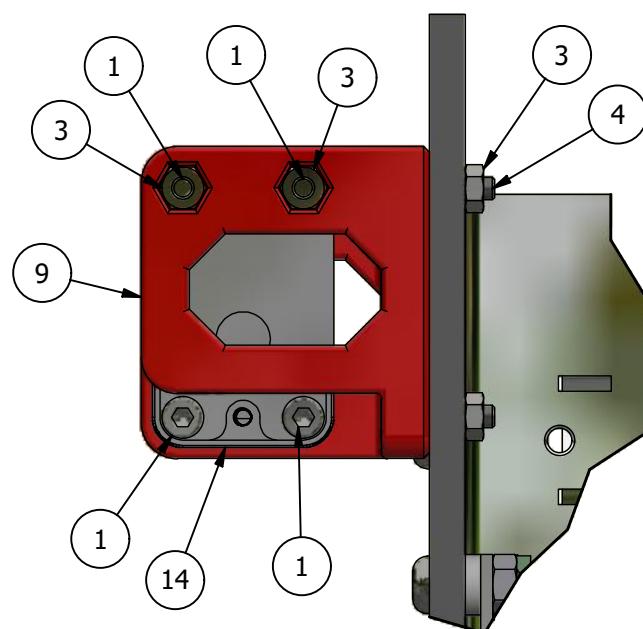


VIEW A-A

PRELIMINARY



DETAIL A



DETAIL C

VIEW A-A

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M3x0.5 x 20	SHCS	
2	10	M4 x 0.7	Hex Nut	
3	10	M3 x 0.5	Hex Nut	
4	4	M3x0.5 x 12	SHCS	
5	2	M3x0.5 x 16	SHCS	
6	4	M4 x 0.7 x 8	BHCS	
7	10	M4 x 0.7 x 12	BHCS	
8	1	MULDEX-03-01	BACK PLATE, STRAIN RELIF	ATOMIC
9	2	MULDEX-03-2	SENSOR MOUNT	ATOMIC
10	8	MULDEX-03-04	DUET SPACER	ATOMIC
11	1	AQA211VL	SSR	FILASTRUDER
12	1	DUET 2 WIFI	DUET 3D, MAIN BOARD	FILASTRUDER
13	1	DUEX 5	DUET 3D, EXPANSION BOARD	FILASTRUDER
14	2	FILAMENT SENSOR	DUET 3D, MAGNETIC TYPE	FILASTRUDER
15	1	LRS-350-24	POWER SUPPLY	MEANWELL
16	1	MULDEX-03-03	BACK PANNEL	REPKORD

PROJECT SPONSORS:

- Filastruder
- Zesty Tech
- LDO Motors
- Repkord
- Wham Bam
- Slice Engineering
- 3D Fused
- Keenovo
- Atomic Filament
- Capricorn
- Buildtak

CONTACT INFO:
 EMAIL: mail@ddprintingworld.com
 THINGIVERSE: 3dprintingworld
 TWITTER: ddprintingworld
 YOUTUBE: ddprintingworld



MULDEX REP RAP INDEX 3D PRINTER DL1-PR
 TITLE: BACK PANEL ASSEMBLY
 PART NO: MULDEX-03

PRELIMINARY

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M5x0.8 x 16	SHCS	
2	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
3	1	MULDEX-04-01	FOOT PAD, FRONT LEFT	ATOMIC
4	1	94180A371	HEAT SET INSERT, M6	MCMASTER
5	1	6301K780	LEVELING FOOT, 6MM	MCMASTER

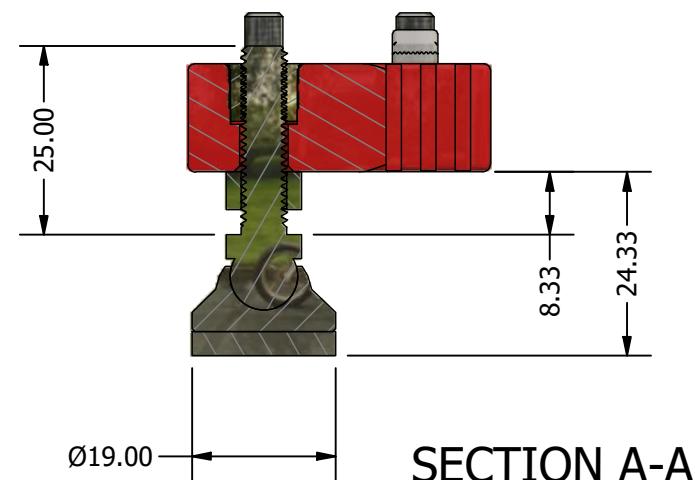
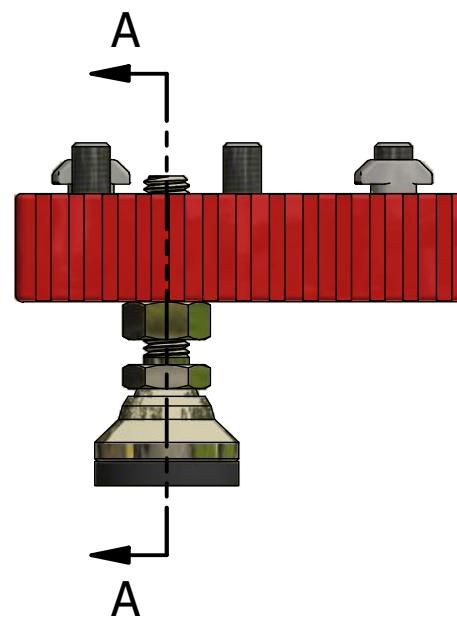
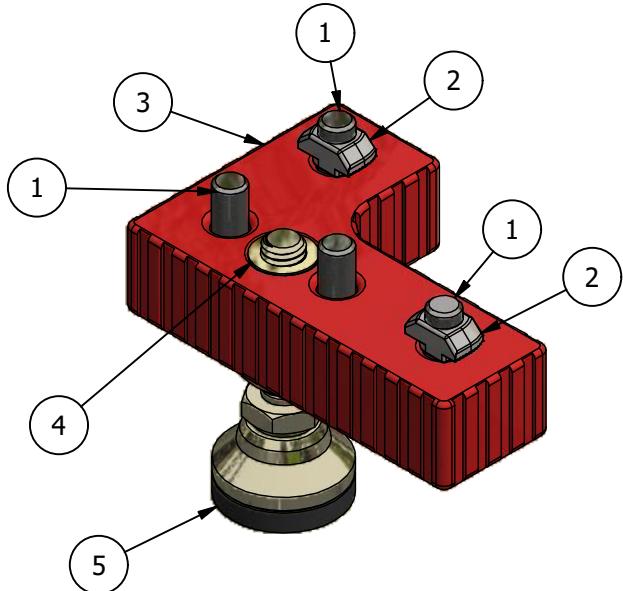
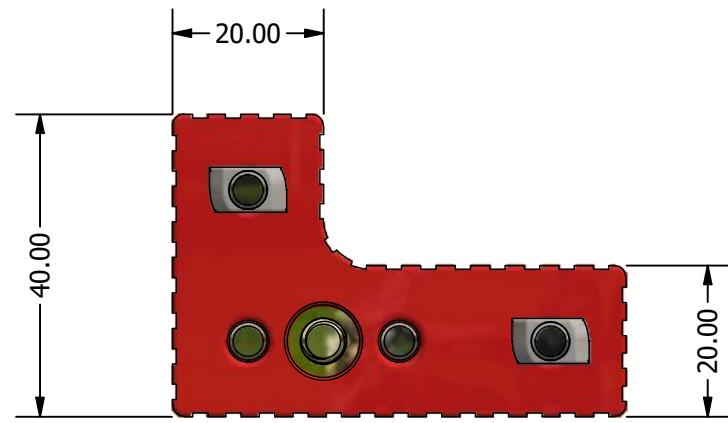
PROJECT SPONSORS:

- 3D Fused
- Keenovo
- RepRap
- Zesty Tech
- Wham Bam
- LDO Motors
- Capricorn
- Buildtak
- Slice Engineering

CONTACT INFO:
EMAIL: mail@ddprintingworld.com
THINGIVERSE: [ddprintingworld](#)
TWITTER: [ddpworld](#)
YOUTUBE: [ddprintingworld](#)

MULDEX REP RAP INDEX 3D PRINTER DL1-PR
PART NO: MULDEX-04
TITLE: MNT FOOT, FRONT LEFT

PRELIMINARY



Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M5x0.8 x 16	SHCS	
2	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
3	1	MULDEX-05-01	FOOT PAD, FRONT RIGHT	ATOMIC
4	1	6301K780	LEVELING FOOT, 6MM	MCMASTER
5	1	94180A371	HEAT SET INSERT, M6	MCMASTER



PROJECT SPONSORS:

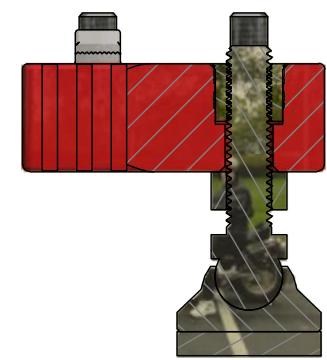
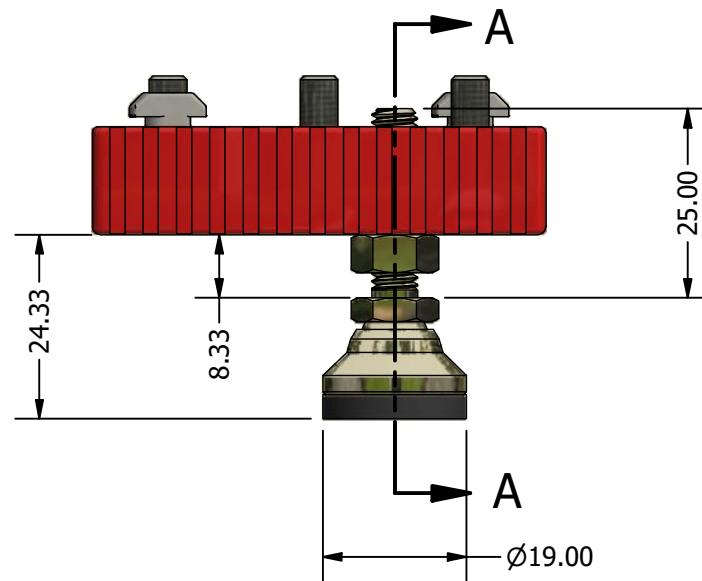
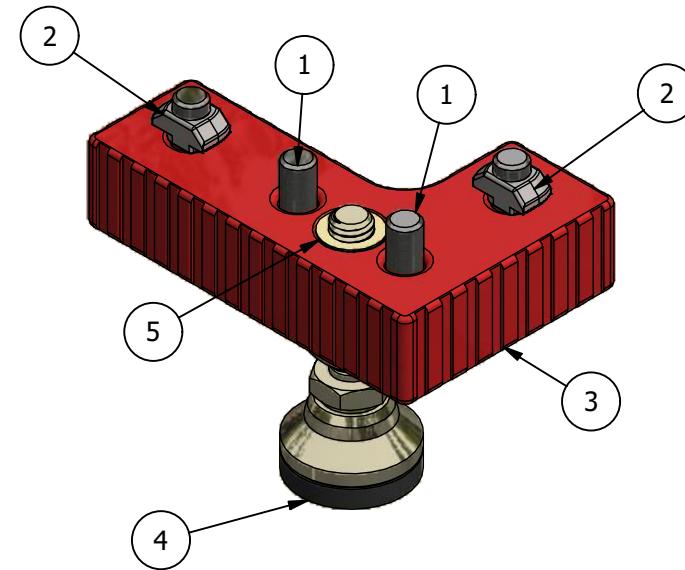
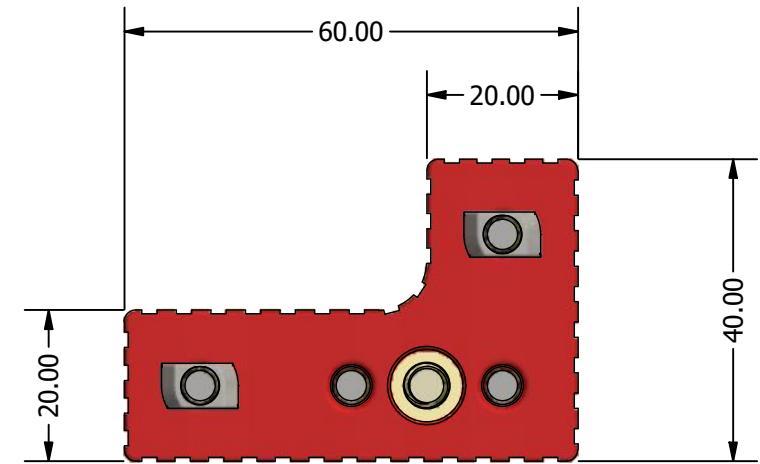
- Filstruder
- Zesty Tech
- Wham Bam
- LDO Motors
- Slice Engineering

CONTACT INFO:
 EMAIL: mail@ddprintingworld.com
 THINGIVERSE: ddprintingworld
 TWITTER: ddprintworld
 YOUTUBE: ddprintingworld



3D PRINTING

WORLD



SECTION A-A

PRELIMINARY

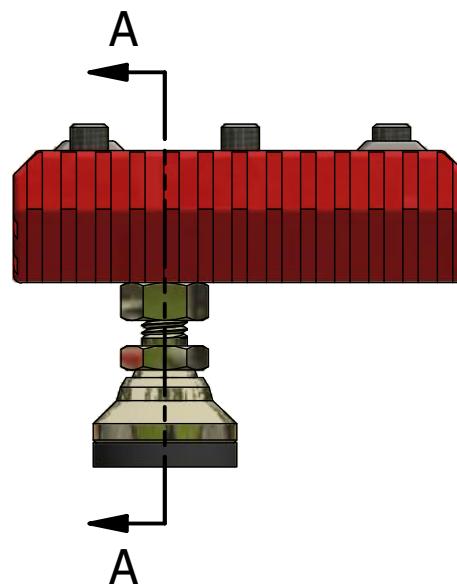
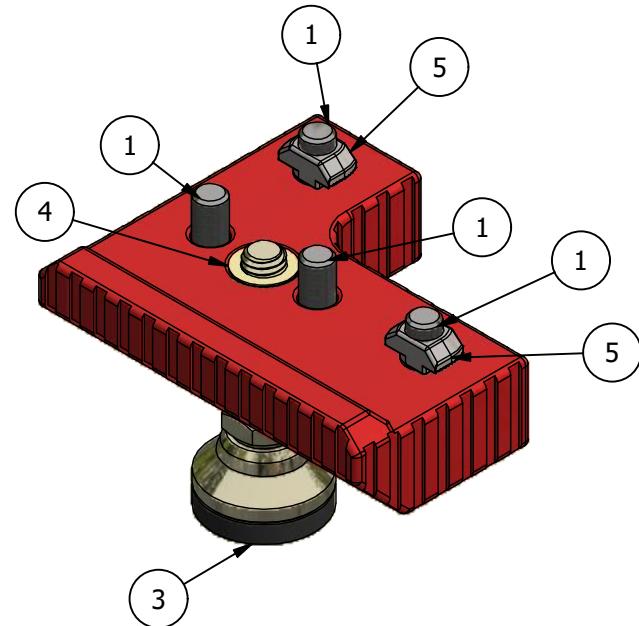
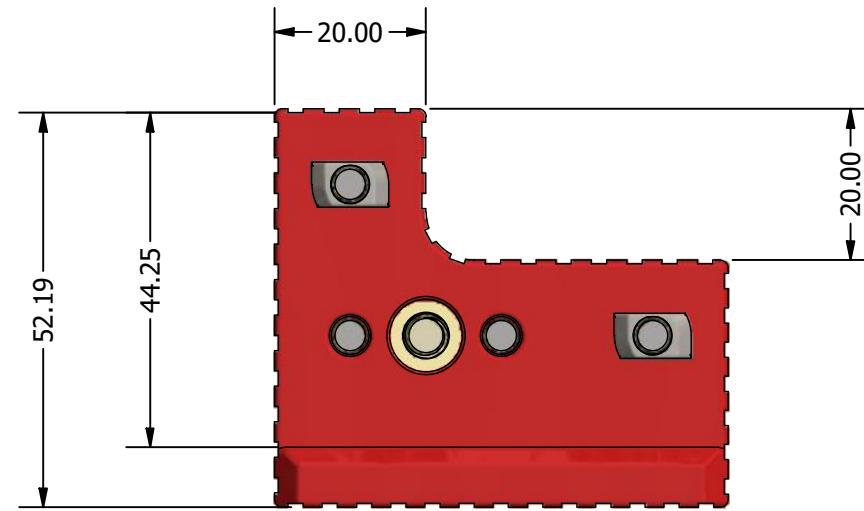
MULDEX REP RAP INDEX 3D PRINTER DL1-PR

PART NO: MULDEX-05

TITLE: MNT FOOT, FRONT RIGHT

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M5x0.8 x 16	SHCS	
2	1	MULDEX-06-01	FOOT PAD, BACK RIGHT	ATOMIC
3	1	6301K780	LEVELING FOOT, 6MM	MCMASTER
4	1	94180A371	HEAT SET INSERT, M6	MCMASTER
5	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON



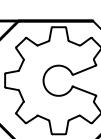
SECTION A-A

PRELIMINARY

MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
 TITLE: MULDEX-06
 PART NO: MULDEX-06

CONTACT INFO:
 EMAIL: mail@ddprintingworld.com
 THINGIVERSE: [ddprintingworld](#)
 TWITTER: [ddprintingworld](#)
 YOUTUBE: [ddprintingworld](#)

PROJECT SPONSORS:
 • 3D Fused
 • Keenovo
 • RepRap
 • Zesty Tech
 • Capricorn
 • Buildtak
 • LDO Motors
 • Wham Bam
 • Slice Engineering





Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M5x0.8 x 16	SHCS	
2	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
3	1	MULBOT-07-01	FOOT PAD, BACK LEFT	ATOMIC
4	1	6301K780	LEVELING FOOT, 6MM	MCMASTER
5	1	94180A371	HEAT SET INSERT, M6	MCMASTER

PROJECT SPONSORS:

- Filstruder
- Zesty Tech
- Wham Bam
- LDO Motors
- Slice Engineering

CONTACT INFO:

EMAIL: mail@ddprintingworld.com
THINGIVERSE: ddprintingworld
TWITTER: ddprintworld
YOUTUBE: ddprintingworld



PRELIMINARY

MULDEX

REP RAP INDEX 3D PRINTER

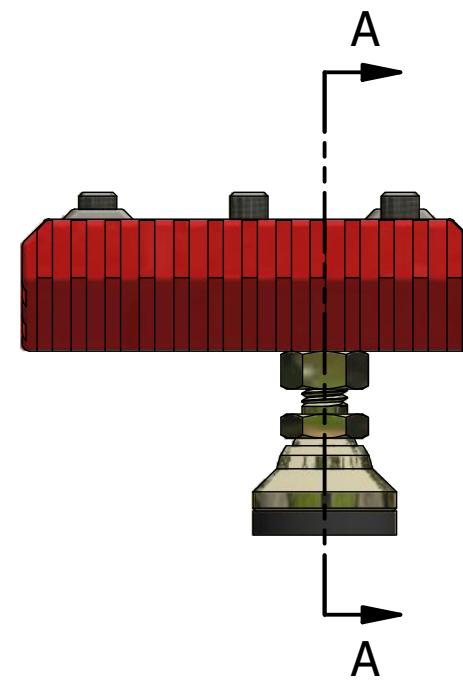
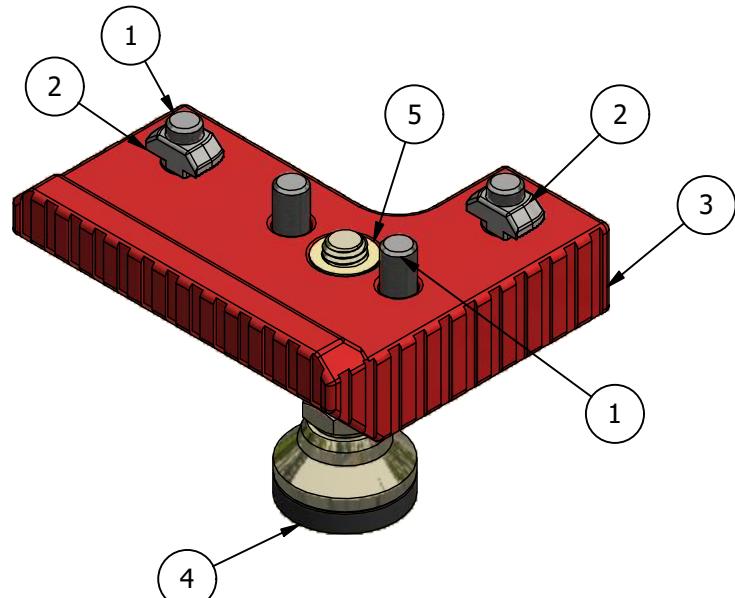
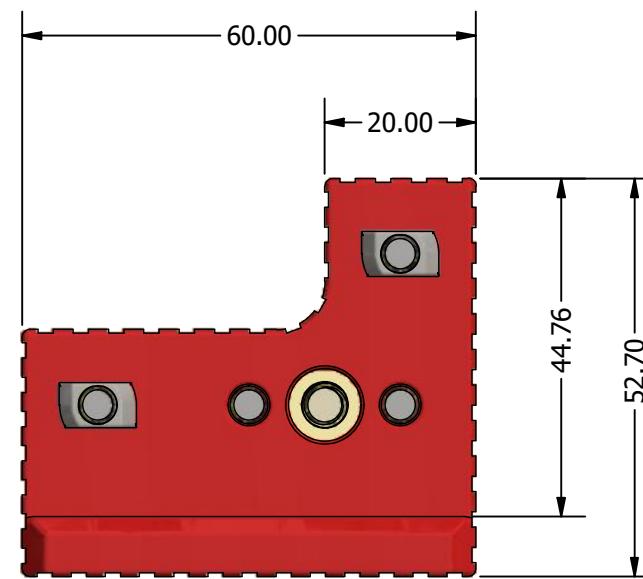
DL1-PR

PART NO:

MULDEX-07

TITLE:

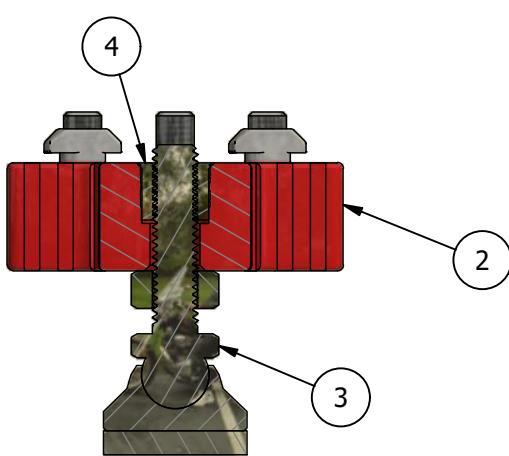
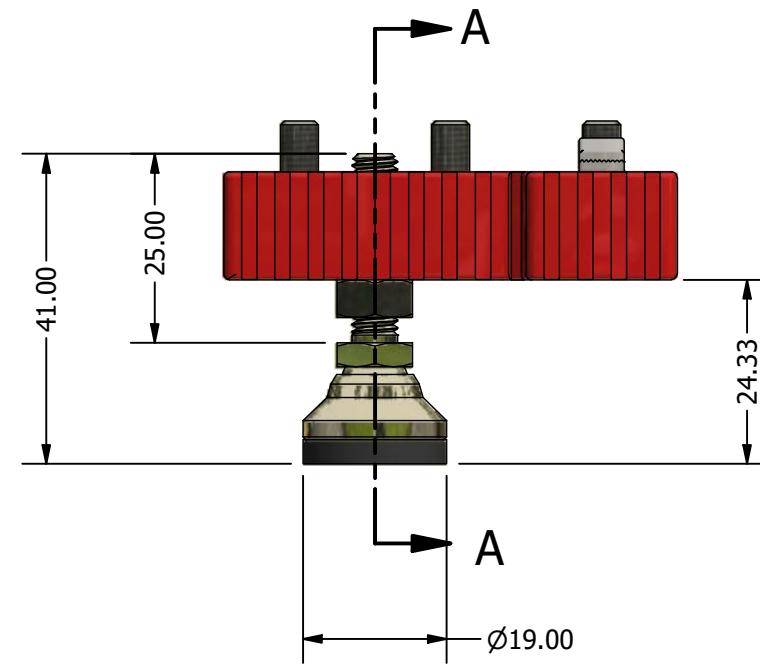
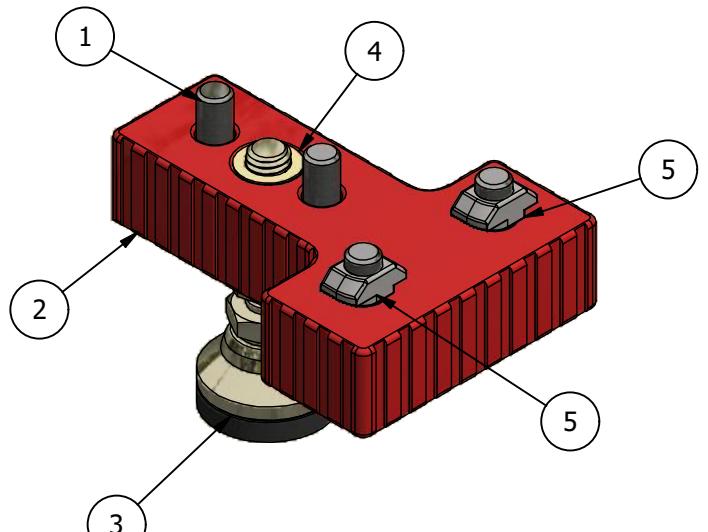
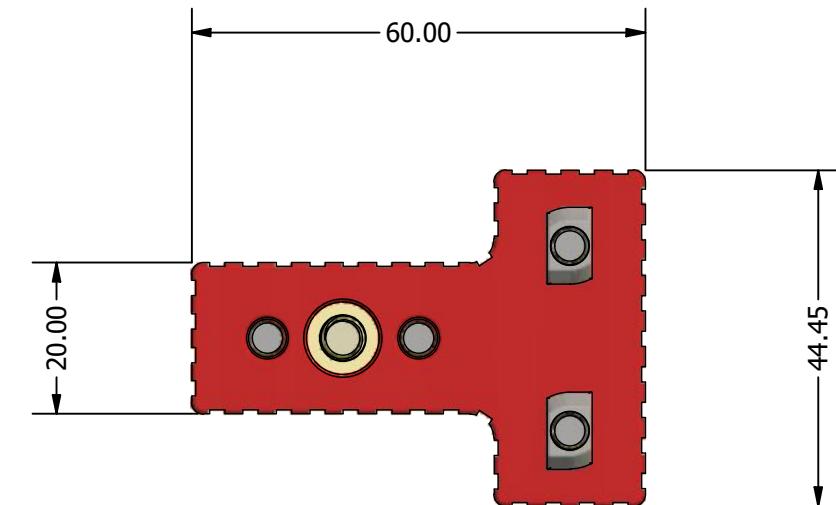
MOUNTING FOOT, BACK LEFT



SECTION A-A

PRELIMINARY

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M5x0.8 x 16	SHCS	
2	1	MULDEX-08	FOOT PAD, CENTER	ATOMIC
3	1	6301K780	LEVELING FOOT, 6MM	MCMASTER
4	1	94180A371	HEAT SET INSERT, M6	MCMASTER
5	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON



SECTION A-A

PRELIMINARY

33

CONTACT INFO:
EMAIL: mail@dddprinting.com
THINGIVERSE: 3dprintitnow
TWITTER: dddpworld
YOUTUBE: dddprintingnow

PROJECT SPONSORS:

- 3D Fused
- Keenovo
- Atomic Filament
- RepRap
- Capricorn
- Wham Bam
- Biulitak
- Slice Engineering
- L
- Z
- F



PROJECT SPONSORS:

- 3D Fused
- Keenovo
- RepRap
- Zesty Tech
- Wham Bam
- LDO Motors
- Capricorn
- Buildtak
- Slice Engineering

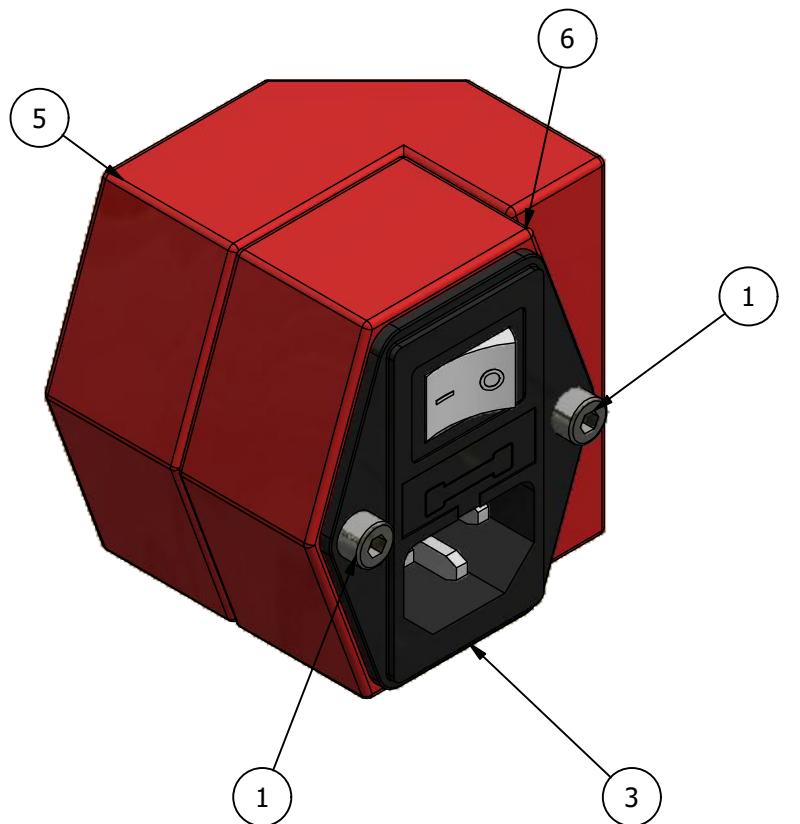
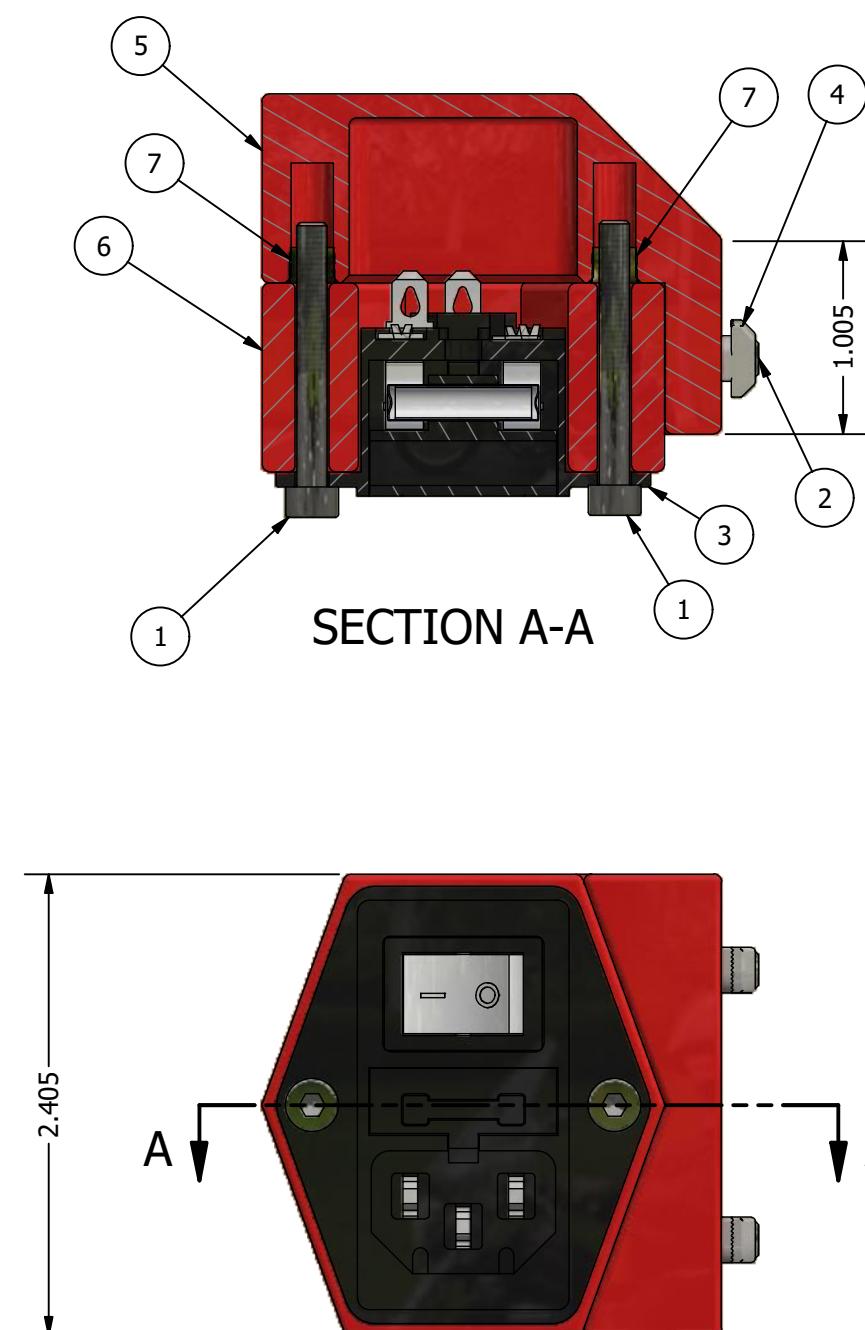
CONTACT INFO:
 EMAIL: mail@3dprintingworld.com
 THINGIVERSE: 3dprintingworld
 TWITTER: 3dprintworld
 YOUTUBE: 3dprintingworld

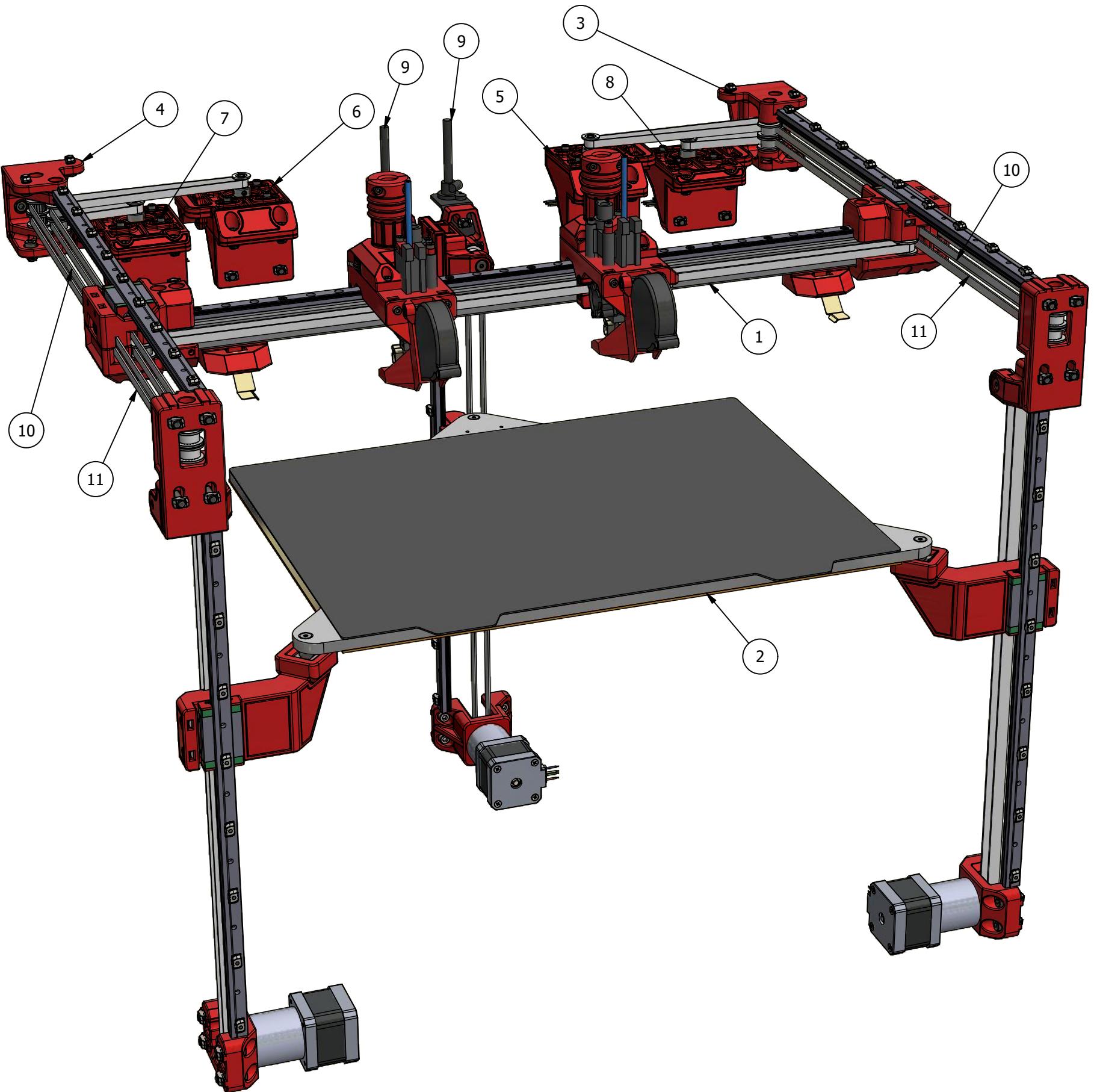


MULDEX REP RAP INDEX 3D PRINTER DL1-PR
 TITLE: IEC CONNECTOR ASSY
 PART NO: MULDEX-09

PRELIMINARY

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	2	M4x0.7 x 35	FHCS	
2	2	M5x0.8 x 10	SHCS	
3	1	IEC320-C14	INLET PLUG	AMAZON
4	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
5	1	MULDEX-09-02	IEC SOCKET BASE	ATOMIC
6	1	MULDEX-09-03	IEC SOCKET COVER	ATOMIC
7	2	94180A351	HEAT SET INSERT, M4	PDB INC





Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	1	MULDEX-11	X-AXIS ASSEMBLY	3DPW
2	1	MULDEX-15	Z-AXIS ASSEMBLY	3DPW
3	1	MULDEX-20	IDLE ASSEMBLY, LH	3DPW
4	1	MULDEX-21	IDLE ASSEMBLY, LH	3DPW
5	1	MULDEX-22	U-AXIS MOTOR ASSY	3DPW
6	1	MULDEX-23	X-AXIS MOTOR ASSY	3DPW
7	1	MULDEX-24	Y-AXIS MOTOR ASSY, LH	3DPW
8	1	MULDEX-25	Y-AXIS MOTOR ASSY, RH	3DPW
9	2	MULDEX-26	EXTRUDER MOTOR ASSY	3DPW
10	2	6MM X 1290MM LG	GATES GT2 TIMING BELT	FILASTRUDE
11	2	6MM X 2270MM LG	GATES GT2 TIMING BELT	FILASTRUDE

PROJECT SPONSORS:

- Keenovo
- Fii

- | | |
|--------------------------|---|
| PROJECT SPONSORS: | 
● 3D Fused
● Keenovo
● Zesty Tech
● Wham Bam
● LDO Motors

● Atomic Filament
● Capricorn
● Slice Engineering

● Buildtak |
|--------------------------|---|

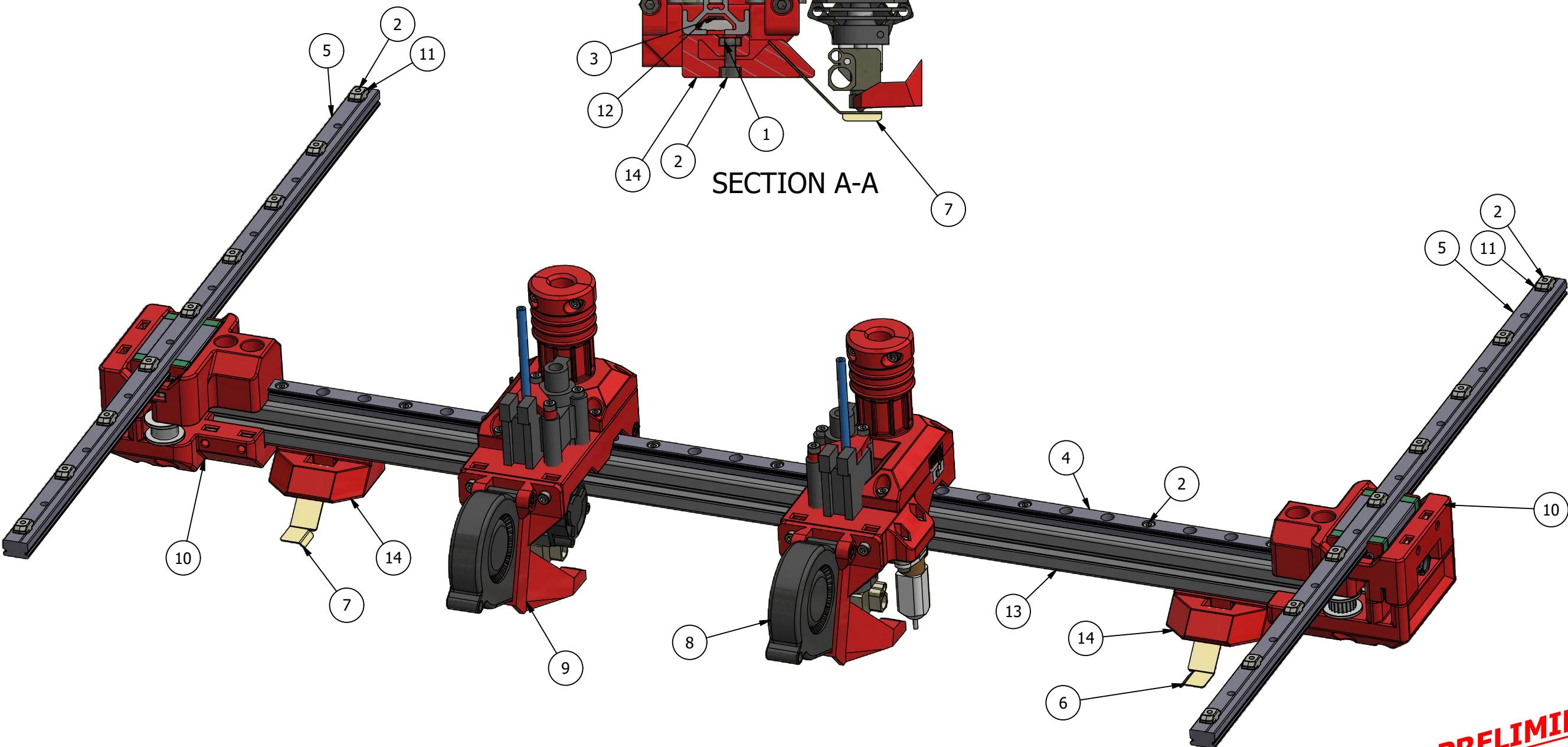
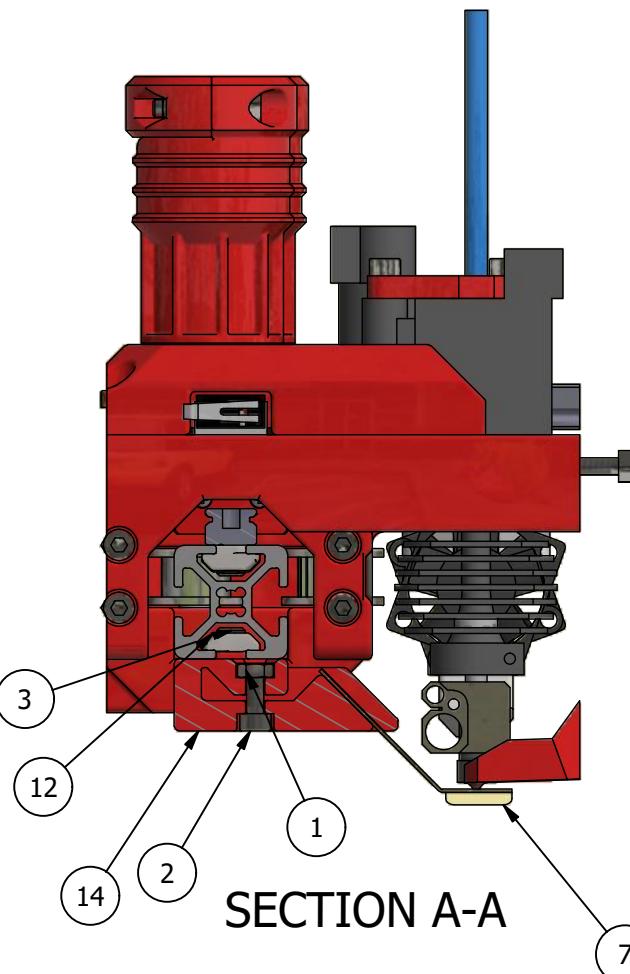
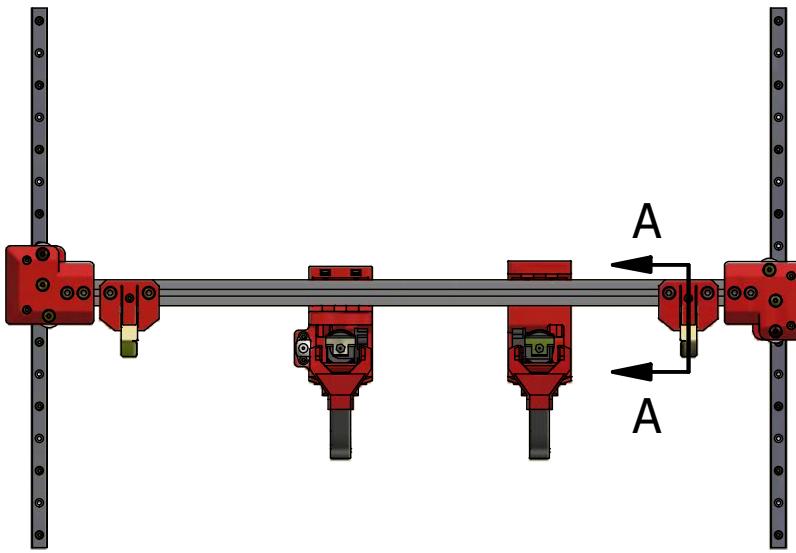
CONTACT INFO:
EMAIL: mail@3dprintingworld.co
THINGIVERSE: 3dprintingworld
TWITTER: ddppworld
YOUTUBE: 3dprintingworld

A small red icon of a robot or character with a single eye and a jagged mouth.

MULDEX REP RAP INDEX

KINEMATIC ASSEMBLY

PRELIMINARY



PRELIMINARY

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	2	M3 x 0.5	Hex Nut	
2	29	M3x0.5 x 8	SHCS	
3	4	M5x0.8 x 10	SHCS	
4	1	MGN9H x 490mm lg. G=5mm	LDO LINEAR RAIL	3D FUSED
5	2	MGN12H x 420mm lg. G=10mm	LDO LINEAR RAIL	3D FUSED
6	1	MULDEX-11-02	OOZE GUARD, X-AXIS	3DPW
7	1	MULDEX-11-03	OOZE GUARD, X-AXIS	3DPW
8	1	MULDEX-12	X-AXIS CARRIAGE	3DPW
9	1	MULDEX-13	U-AXIS CARRIAGE	3DPW
10	2	MULDEX-14	Y-AXIS CARRIAGE	3DPW
11	27	M3-20 SERIES	T-NUT, TWIST LOCK	AMAZON
12	4	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
13	1	HFSB5-2020-545	EXTRUDED T-SLOT	MISUMI
14	2	MULDEX-11-01	OOZE GUARD, MOUNT	MULDEX

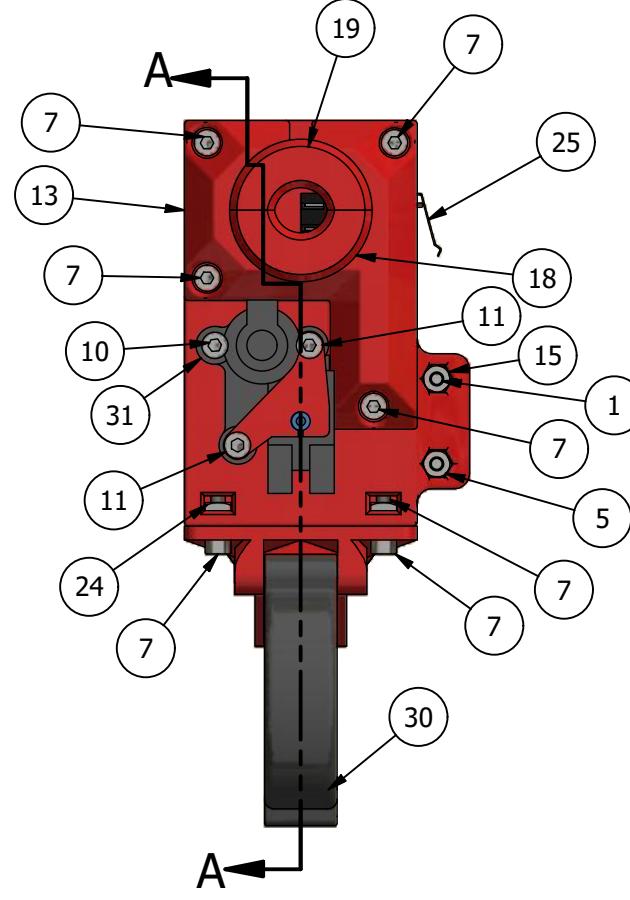
PROJECT SPONSORS:

- Filastrunder
- Zesty Tech
- LDO Motors
- Keenovo
- RepRap
- Wham Bam
- Slice Engineering
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

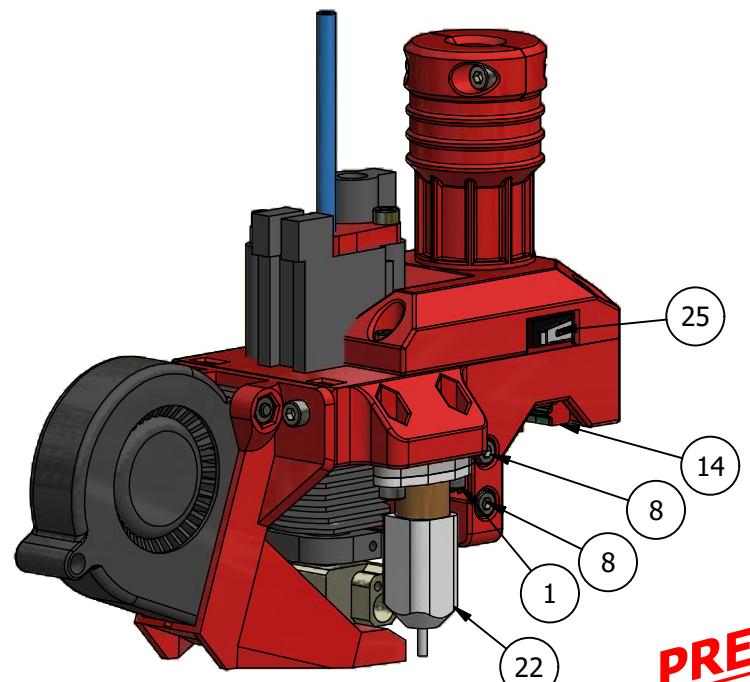
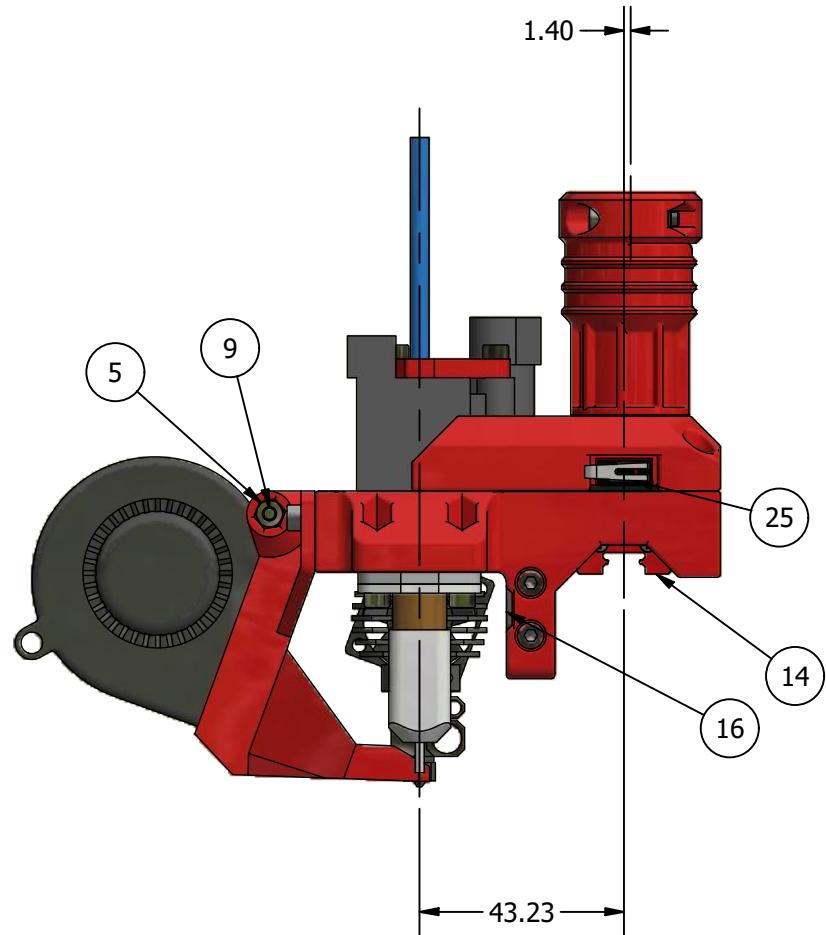
CONTACT INFO:
 EMAIL: mail@3dpprintingworld.com
 THINGIVERSE: 3dpprintingworld
 TWITTER: 3dpworld
 YOUTUBE: 3dpprintingworld



MULDEX REP RAP INDEX 3D PRINTER DL1-PR
 PART NO: MULDEX-11
 TITLE: X-AXIS ASSEMBLY



SECTION A-A



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	2	M3x0.5 x 12	SHCS	
2	1	BLTOUCH SPACER		
3	1	D2F_01F	STEP AP203	
4	2	M2.5x0.45 x 10	SHCS	
5	9	M3 x 0.5	Hex Nut	
6	6	M3x0.5 x 8	SHCS	
7	6	M3x0.5 x 10	SHCS	
8	6	M3x0.5 x 16	SHCS	
9	1	M3x0.5 x 25	SHCS	
10	1	M3x0.5 x 30	SHCS	
11	2	M3x0.5 x 35	SHCS	
12	1	MULDEX-12-04	BOWDEN CLAMP, X-AXIS	
13	1	MULDEX-12-05	X-AXIS CARRIAGE COVER	
14	1	MGN9H	LDO LINEAR BEARING	3D FUSED
15	1	MULDEX-12-01	X-AXIS CARRIAGE	ATOMIC
16	2	MULDEX-12-02	BELT CLAMP	ATOMIC
17	1	MULDEX-12-03	COOLING SHROUD	ATOMIC
18	1	MULDEX-12-06	EXTRUDER CABLE STRAIN RELIF	ATOMIC
19	1	MULDEX-12-07	CABLE CLAMP	ATOMIC
20	1	1M LG	TL BOWDEN TUBING	CAPRICORN
21	1	13MM LG	XS BOWDEN TUBING	CAPRICORN
22	1	BL-TOUCH	LEVELING SENSOR	FILASTRUDER
23	2	91390A103	M3 X 10MM SHSS	MCMASTER
24	4	97259A101	M3 SQ. NUT	MCMASTER
25	2	HORIZONTAL	LIMIT SWITCH	N/A
26	9	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM
27	1	.4MM	VANADUM NOZZLE	SLICE
28	1	25X25X10	24V DC FAN	SLICE
29	1	COPPERHEAD	HOTEND ASSEMBLY	SLICE
30	1	5015	BLOWER, 24VDC	SoundOriginal
31	1	RIGHT HAND	NIMBLE, V2	ZESTY

PRELIMINARY

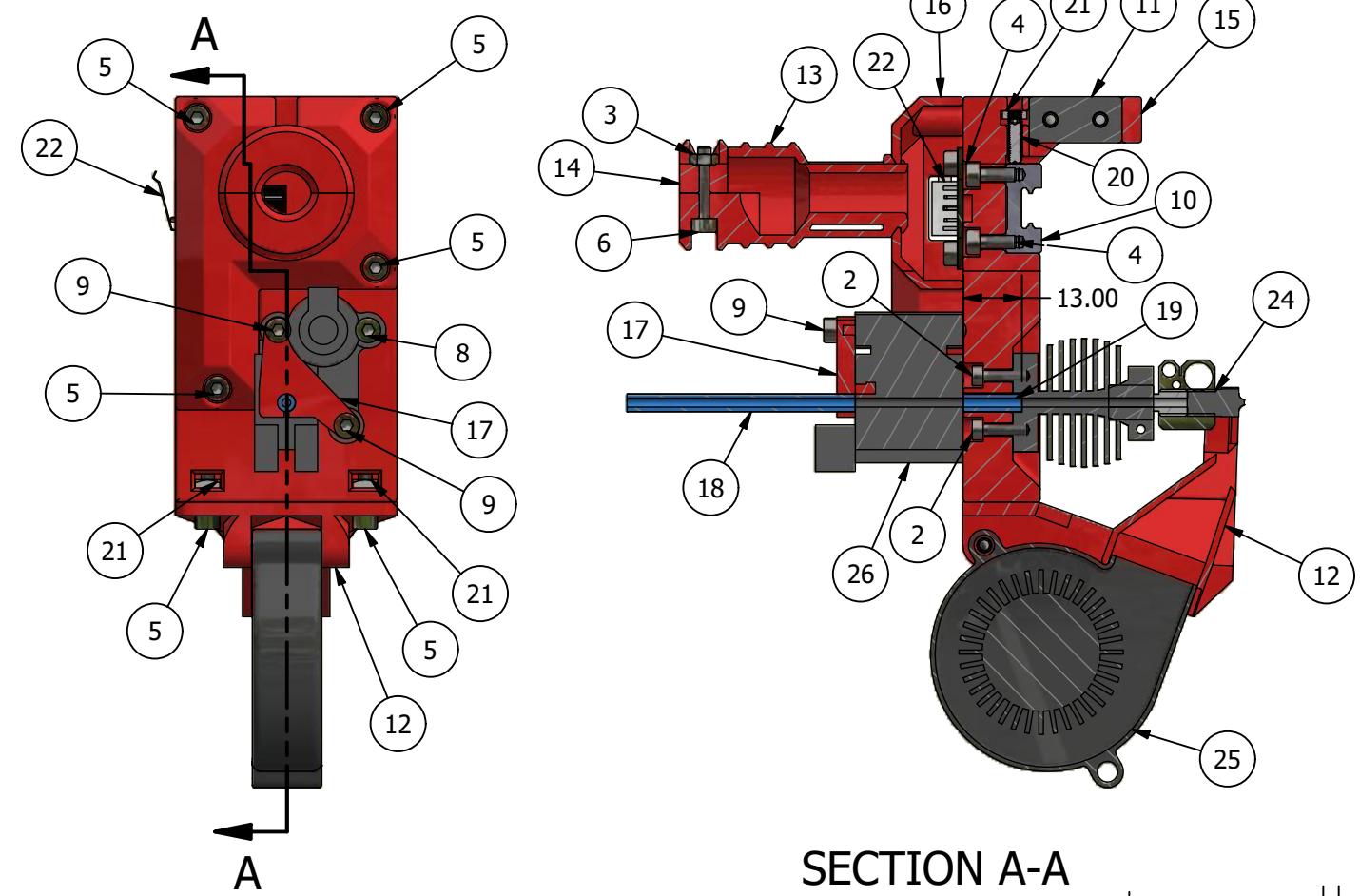
MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**

TITLE: **YAVIC CADDIAGE**

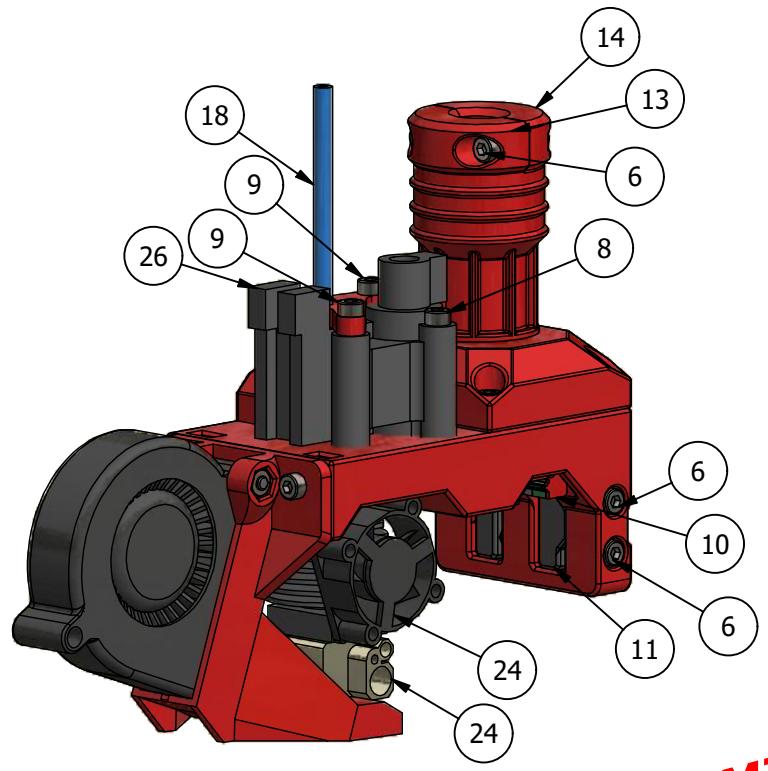
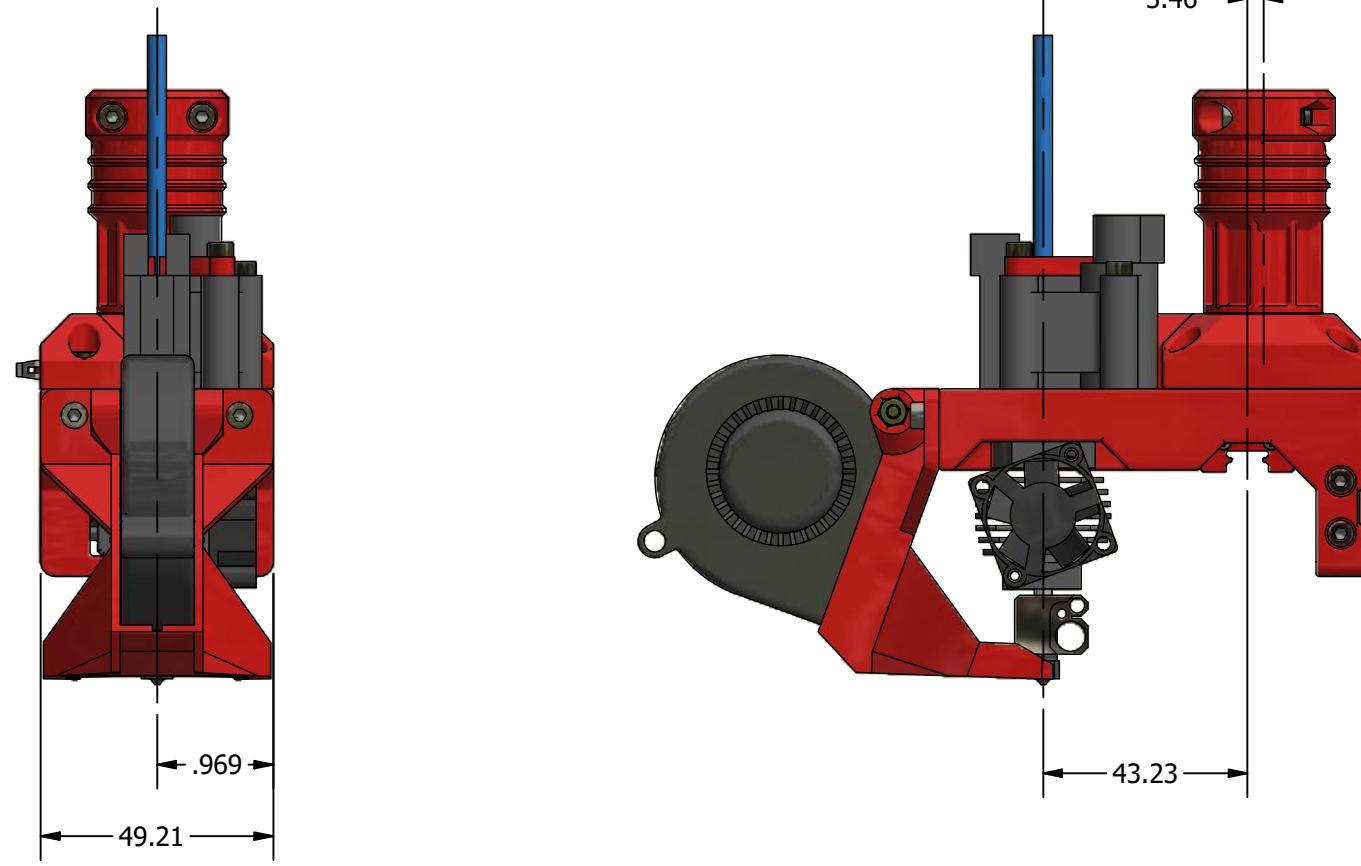
PART NO:
MULDEV 12

3D Printing

A red robot icon with a rectangular body, two arms, and two legs, standing on a white background.



SECTION A-A



PRELIMINARY

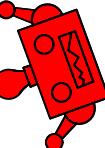
Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	1	D2F_01F	STEP AP203	
2	2	M2.5x0.45 x 10	SHCS	
3	7	M3 x 0.5	Hex Nut	
4	6	M3x0.5 x 8	SHCS	
5	6	M3x0.5 x 10	SHCS	
6	6	M3x0.5 x 16	SHCS	
7	1	M3x0.5 x 25	SHCS	
8	1	M3x0.5 x 30	SHCS	
9	2	M3x0.5 x 35	SHCS	
10	1	MGN9H	LDO LINEAR BEARING	3D FUSED
11	2	MULDEX-12-02	BELT CLAMP	ATOMIC
12	1	MULDEX-12-03	COOLING SHROUD	ATOMIC
13	1	MULDEX-12-06	EXTRUDER CABLE STRAIN RELIF	ATOMIC
14	1	MULDEX-12-07	CABLE CLAMP	ATOMIC
15	1	MULDEX-13-01	U-AXIS CARRIAGE	ATOMIC
16	1	MULDEX-13-02	CARRIAGE COVER, U-AXIS	ATOMIC
17	1	MULDEX-13-03	BOWDEN CLAMP, U-AXIS	ATOMIC
18	1	1M LG	TL BOWDEN TUBING	CAPRICORN
19	1	13MM LG	XS BOWDEN TUBING	CAPRICORN
20	2	91390A103	M3 X 10MM SHSS	MCMASTER
21	4	97259A101	M3 SQ. NUT	MCMASTER
22	1	HORZONTAL	LIMIT SWITCH	N/A
23	8	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM
24	1	COPPERHEAD	HOTEND	SLICE
25	1	5015	BLOWER, 24VDC	SoundOriginal
26	1	NIMBLE, V2	LEFT HAND	ZESTLY

PROJECT SPONSORS:

- Filstruder
- Zesty Tech
- LDO Motors
- Keenovo
- RepRap
- Wham Bam
- Slice Engineering
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

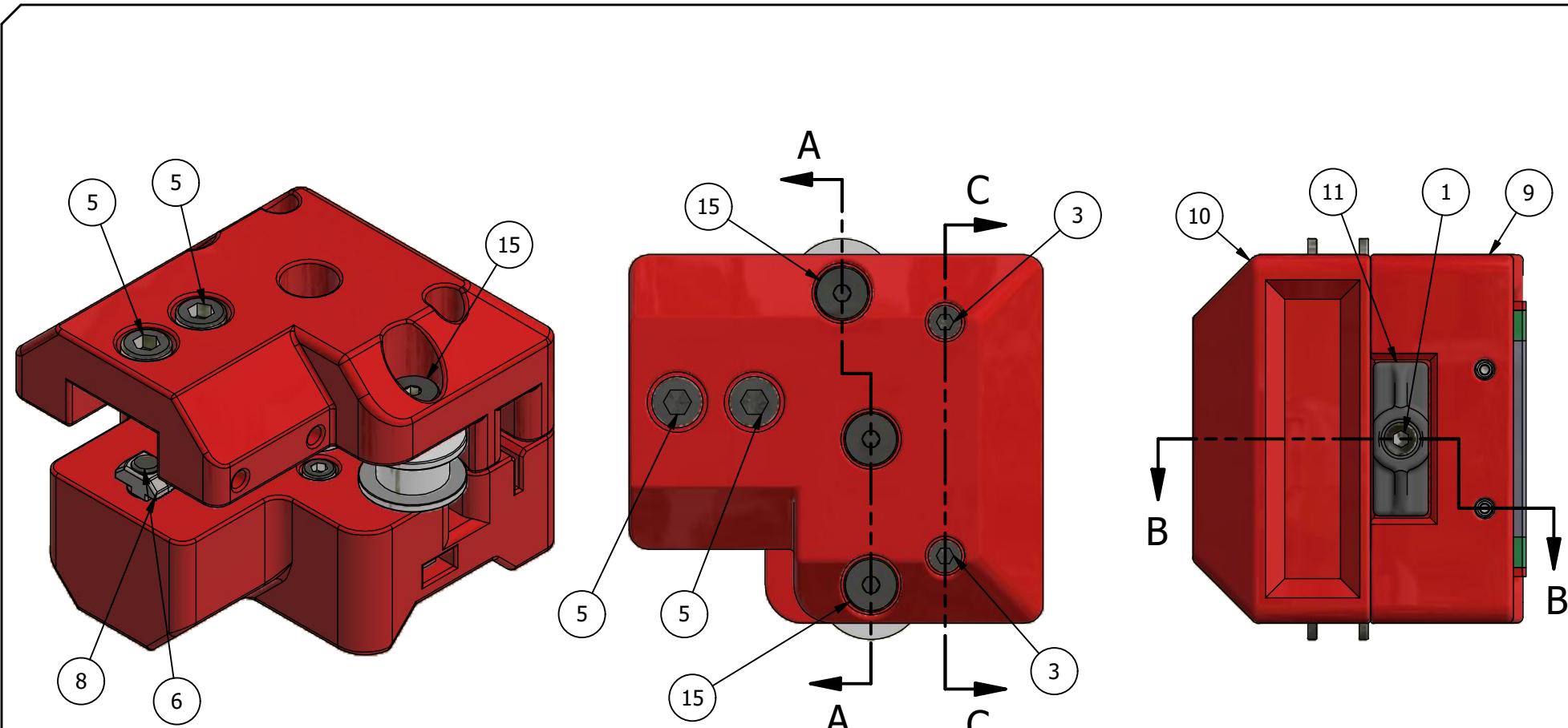
CONTACT INFO:

EMAIL: mail@3dprintingworld.com
THINGIVERSE: 3dprintingworld.com
TWITTER: @3dprintingworld
YOUTUBE: 3dprintingworld



3D

MULDEX REP RAP INDEX 3D PRINTER DL1-PR
TITLE: MULDEX-13
PART NO: MULDEX-13



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	1	M3x0.5 x 10	SHCS	
2	4	M3x0.5 x 16	SHCS	
3	2	M3x0.5 x 20	SHCS	
4	3	M4 x 0.7	Hex Nut	
5	2	M5x0.8 x 10	SHCS	
6	2	M5x0.8 x 20	SHCS	
7	1	MGN12H	LDO LINEAR BEARING	3D FUSED
8	4	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
9	1	MULDEX-14-01	Y-AXIS, BASE BLOCK	ATOMIC
10	1	MULDEX-14-02	Y-AXIS, CLAMP BLOCK	ATOMIC
11	1	MULDEX-14-03	Y-AXIS BELT CLAMP	ATOMIC
12	6	5MM ID X 6MM OD X .4MM	BEARING SPACER	FILASTRUDE
13	1	GT2-20T-6-I	GATES IDLER PULLEY, 5MM BORE 20 TOOTH, 6MM WIDE	FILASTRUDE
14	2	GT2-20T-6-SI	GATES IDLER PULLEY, 5MM BORE 20 SMOOTH, 6MM WIDE	FILASTRUDE
15	3	M5 X 25MM LG.	S.S. SHOULDER SCREW	FILASTRUDE
16	4	91390A103	M3 X 10MM SHSS	MCMASTER
17	5	97259A101	M3 SQ. NUT	MCMASTER
18	2	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM

PROJECT SPONSORS:

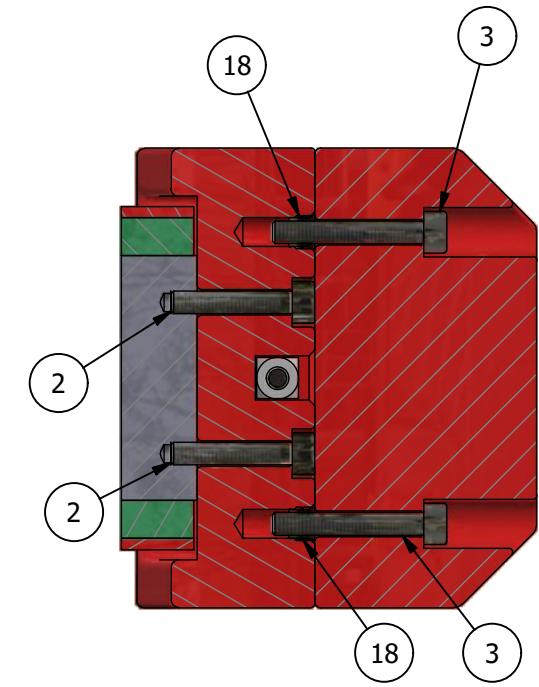
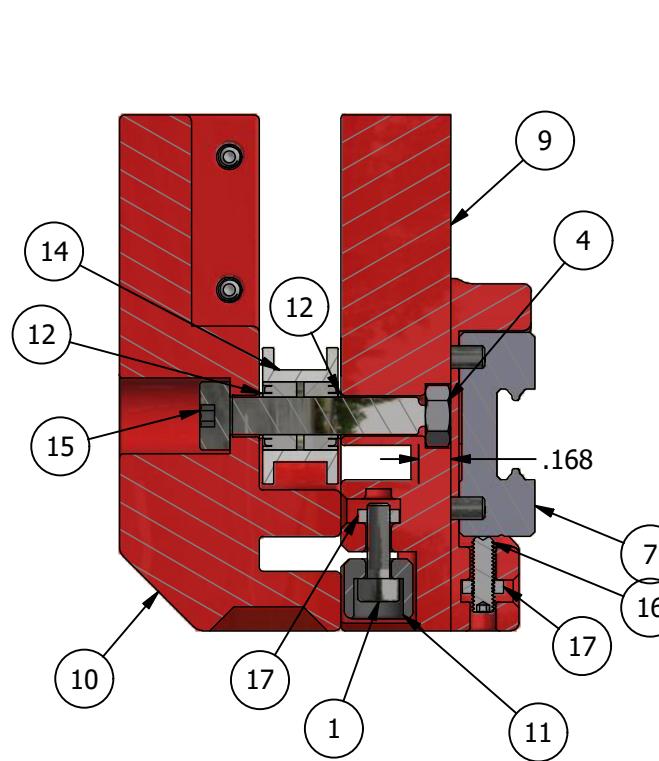
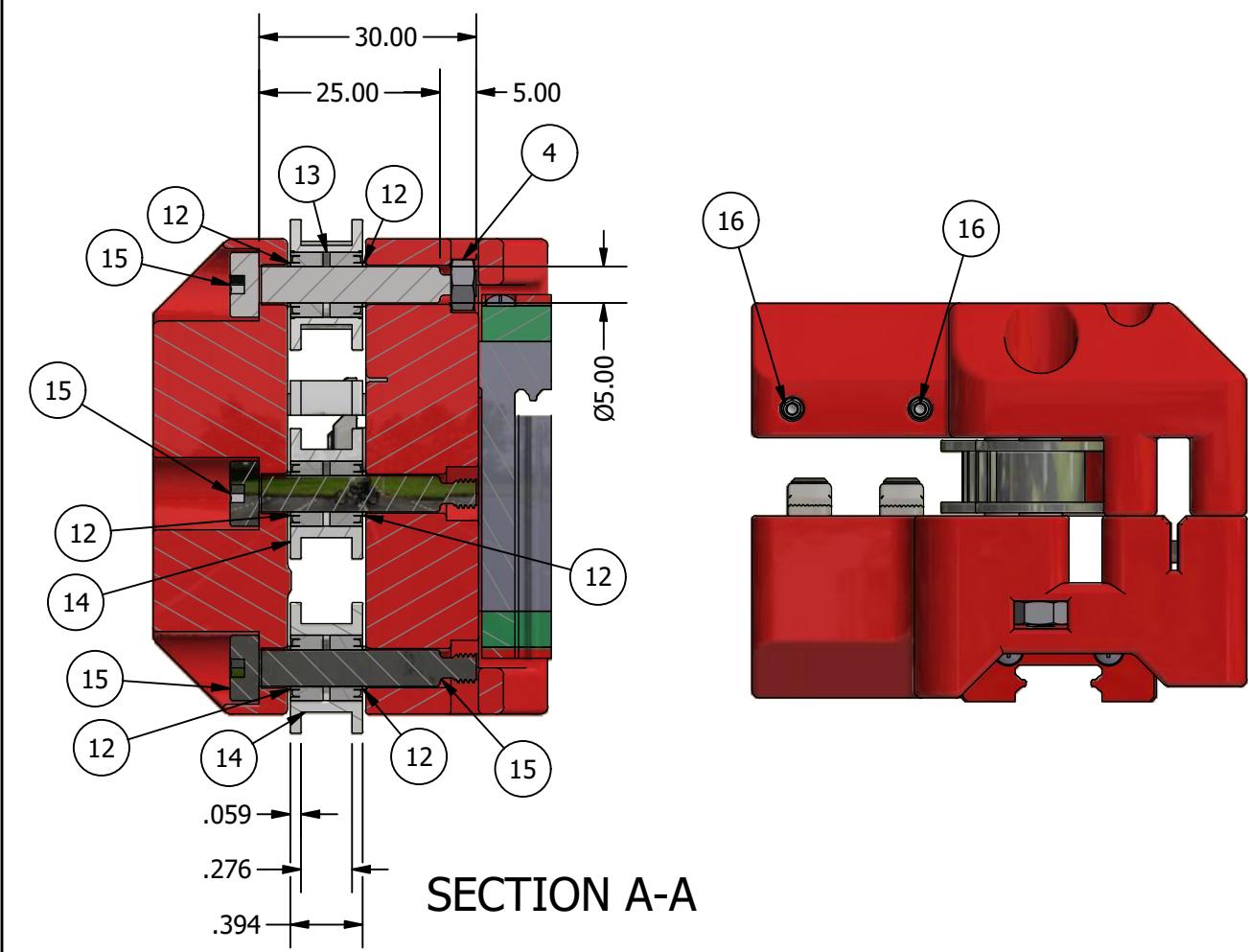
- Filastruder
- Zesty Tech
- LDO Motors
- Keenovo
- RepRap
- Wham Bam
- Slice Engineering

CONTACT INFO:

EMAIL: mail@ddprintingworld.com
 THINGIVERSE: ddprintingworld.com
 TWITTER: [@ddprintingworld](https://twitter.com/ddprintingworld)
 YOUTUBE: [ddprintingworld](https://youtube.com/ddprintingworld)



Note: Substituting for the Filastruder items listed in the BOM may result in an improper fit.

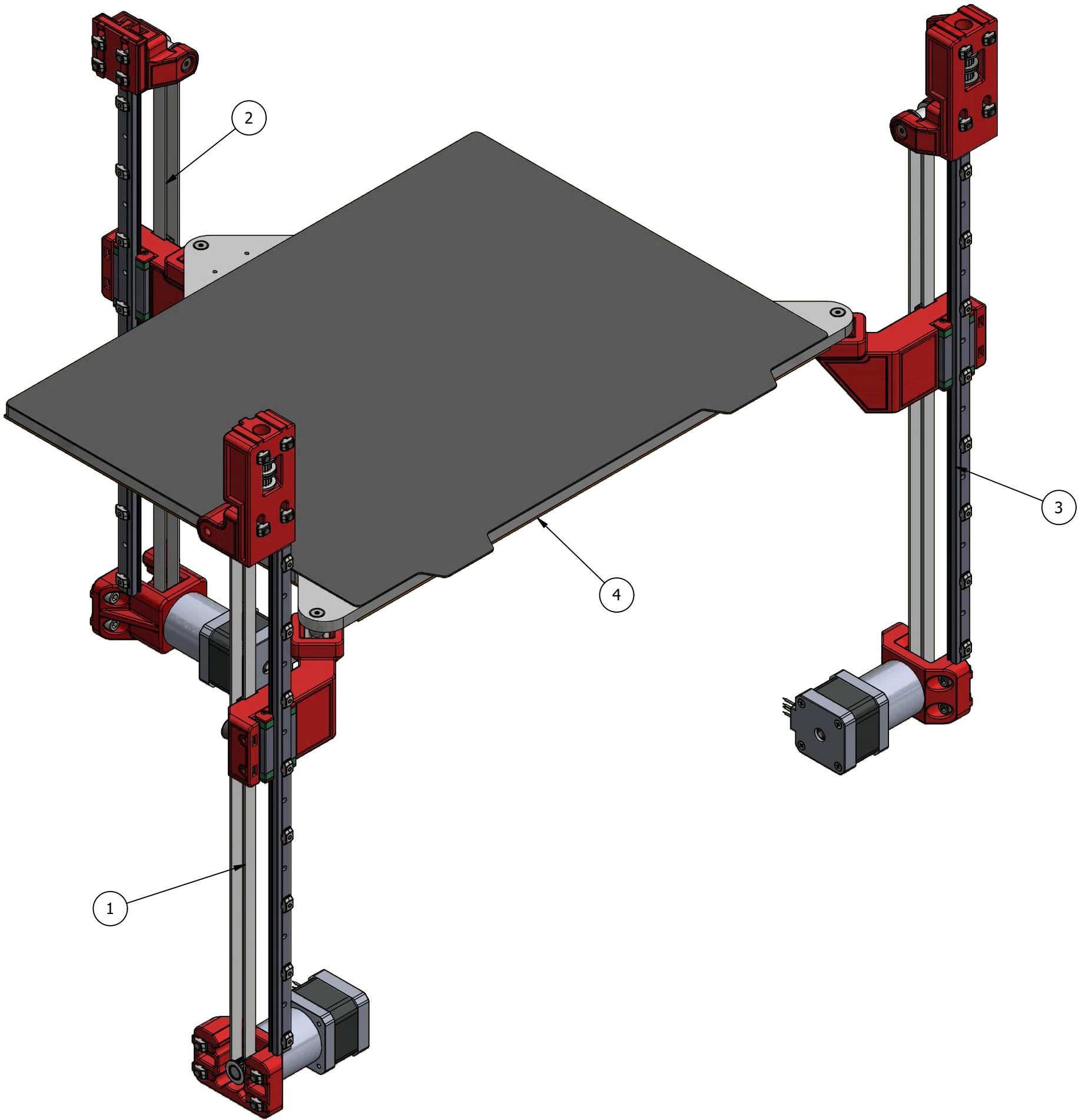


SECTION B-B

SECTION C-C

PRELIMINARY

MULDEX REP RAP INDEX 3D PRINTER DL1-PR
 PART NO: MULDEX-14
 TITLE: Y-AXIS CARRIAGE



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	1	MULDEX-16	Z-AXIS BELT ASSY, 1	3DPW
2	1	MULDEX-17	Z-AXIS BELT ASSY, 2	3DPW
3	1	MULDEX-18	Z-AXIS BELT ASSY, 3	3DPW
4	1	MULDEX-19	HEAT BED ASSEMBLY	3DPW

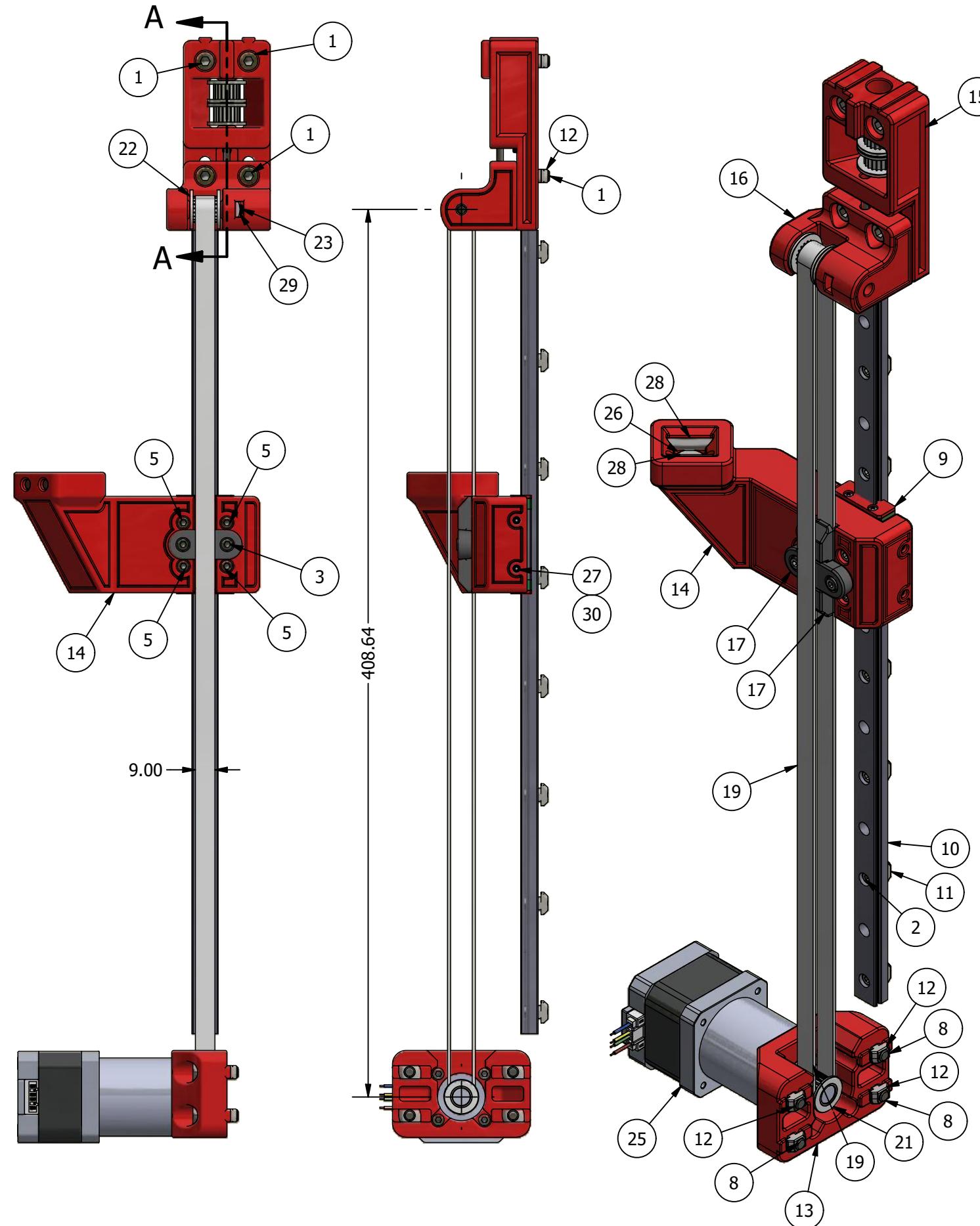
PROJECT SPONSORS:
 • 3D Fused
 • Keenovo
 • RepRap
 • Wham Bam
 • Zesty Tech
 • LDO Motors
 • Capricorn
 • Buildtak
 • Slice Engineering

CONTACT INFO:
 EMAIL: mail@3dpprintingworld.com
 THINGIVERSE: 3dpprintingworld
 TWITTER: 3dpworld
 YOUTUBE: 3dpprintingworld

3D PRINTING WORLD

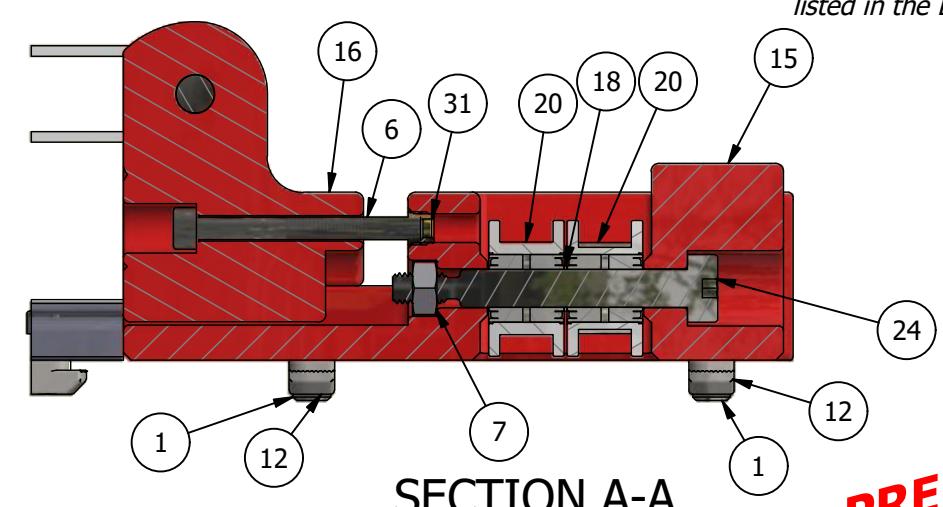


3DPW



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M5x0.8 x 20	SHCS	
2	8	M3x0.5 x 8	SHCS	
3	2	M3x0.5 x 10	SHCS	
4	4	M3x0.5 x 12	SHCS	
5	4	M3x0.5 x 16	SHCS	
6	1	M3x0.5 x 30	SHCS	
7	1	M4 x 0.7	Hex Nut	
8	4	M5x0.8 x 16	SHCS	
9	1	MGN12H	LDO LINEAR BEARING	3D FUSED
10	1	MGN12H x 370mm LG. G=10mm	LDO LINEAR RAIL	3D FUSED
11	8	M3-20 SERIES	T-NUT, TWIST LOCK	AMAZON
12	8	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
13	1	MULDEX-16-01	Z-AXIS MOTOR MOUNT, 1&3	ATOMIC
14	1	MULDEX-16-02	Z-AXIS COUPLING, 1	ATOMIC
15	1	MULDEX-16-03	Z-AXIS TAKEUP MOUNT, 1	ATOMIC
16	1	MULDEX-16-04	Z-AXIS TAKUP BRACKET, 1	ATOMIC
17	2	MULDEX-16-05	BELT CLAMP, Z	ATOMIC
18	1	5MM ID X 6MM OD X .4MM	BEARING SPACER	FILASTRUDE
19	1	9MM X 855MM LG.	GT2 GATES TIMING BELT	FILASTRUDE
20	2	GT2-20T-6-I	GATES IDLER PULLEY, 5MM BORE 20 TOOTH, 6MM WIDE	FILASTRUDE
21	1	GT2-20T-9-D	GATES DRIVE PULLEY, 20 TOOTH X 9MM WIDE	FILASTRUDE
22	1	GT2-20T-9-I	GATES IDLER PULLEY, 5MM BORE 20 TOOTH, 9MM WIDE	FILASTRUDE
23	1	M5 X 25MM LG.	S.S. SHOULDER SCREW	FILASTRUDE
24	1	M5 X 30MM LG.	SHOULDER BOLT	FILASTRUDE
25	1	42STH40-100ACPG13.7	PLANETARY STEPPER MOTOR, 40MM 13.7/1	LDO
26	1	5862K124	MAGNET, N52 1/2" DIA. X 3/8" THICK	MCMASTER
27	2	91390A103	M3 X 10MM SHSS	MCMASTER
28	2	91595A408	DOWEL PIN, 5MM X 24MM	MCMASTER
29	1	97258A102	M4 SQ. NUT	MCMASTER
30	2	97259A101	M3 SQ. NUT	MCMASTER
31	3	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM

Note: Substituting for the Filastruder items listed in the BOM may result in an improper fit.

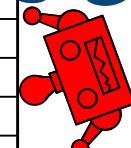


SECTION A-A

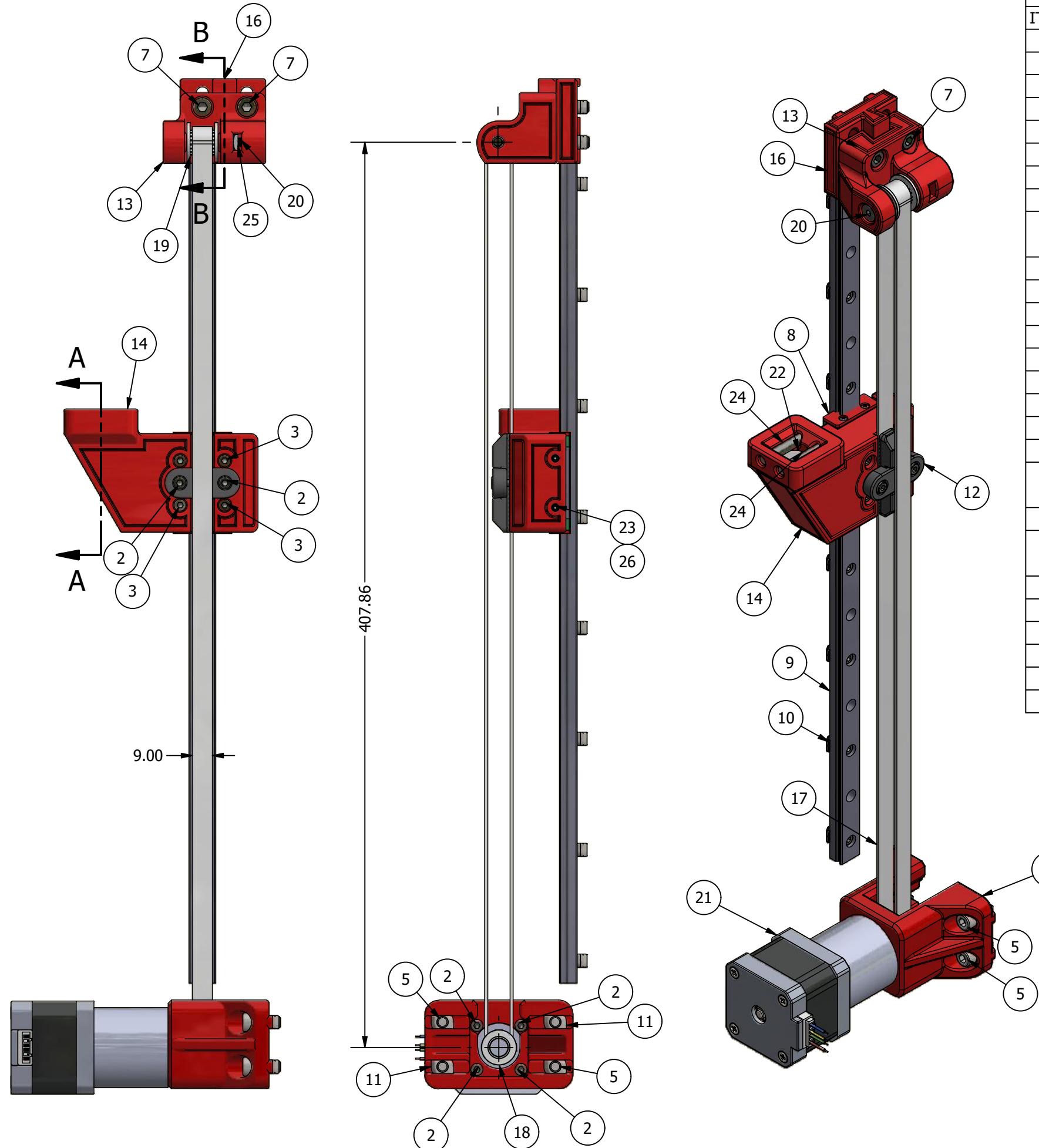
PRELIMINARY

MULDEX REP RAP INDEX 3D PRINTER DL1-PR
PART NO: MULDEX-16
TITLE: Z-AXIS BELT ASSY, 1

CONTACT INFO:
EMAIL: mail@ddprintingworld.com
TWITTER: @ddprintingworld
YOUTUBE: ddprintingworld

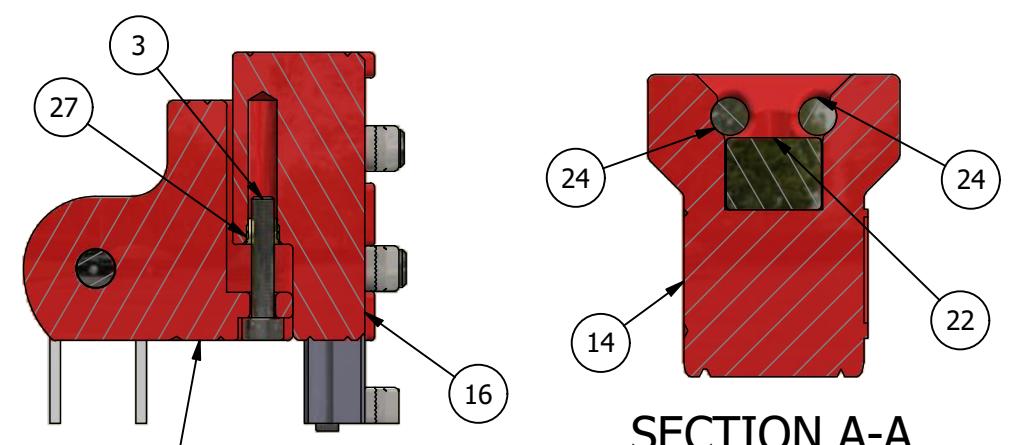


PROJECT SPONSORS:
• Filastruder • Zesty Tech
• Keenord • RepRap
• Wham Bam • LDO Motors
• Capricorn • Slice Engineering
• Buildtak



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	8	M3x0.5 x 8	SHCS	
2	6	M3x0.5 x 10	SHCS	
3	5	M3x0.5 x 16	SHCS	
4	2	M5x0.8 x 10	SHCS	
5	4	M5x0.8 x 12	SHCS	
6	1	M5x0.8 x 20	SHCS	
7	2	M5x0.8 x 25	SHCS	
8	1	MGN12H	LDO LINEAR BEARING	3D FUSED
9	1	MGN12H x 370mm LG. G=10mm	LDO LINEAR RAIL	3D FUSED
10	8	M3-20 SERIES	T-NUT, TWIST LOCK	AMAZON
11	8	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
12	2	MULDEX-16-05	BELT CLAMP, Z	ATOMIC
13	1	MULDEX-17-02	Z-AXIS TAKUP, 2	ATOMIC
14	1	MULDEX-17-03	Z-AXIS COUPLING, 2	ATOMIC
15	1	MULDEX-17-04	Z-AXIS MOTOR MOUNT, 2	ATOMIC
16	1	MULDEX-17-05	Z-AXIS TAKUP MOUNT, 2	ATOMIC
17	1	9MM X 855MM LG.	GT2 GATES TIMING BELT	FILASTRUDE
18	1	GT2-20T-9-D	GATES DRIVE PULLEY, 20 TOOTH X 9MM WIDE	FILASTRUDE
19	1	GT2-20T-9-I	GATES IDLER PULLEY, 5MM BORE 20 TOOTH, 9MM WIDE	FILASTRUDE
20	1	M5 X 25MM LG.	S.S. SHOULDER SCREW	FILASTRUDE
21	1	42STH40-100ACPG1 3.7	PLANETARY STEPPER MOTOR, 40MM 13.7/1	LDO
22	1	5862K124	MAGNET, N52 1/2" DIA. X 3/8" THICK	MCMASTER
23	2	91390A103	M3 X 10MM SHSS	MCMASTER
24	2	91595A408	DOWEL PIN, 5MM X 24MM	MCMASTER
25	1	97258A102	M4 SQ. NUT	MCMASTER
26	2	97259A101	M3 SQ. NUT	MCMASTER
27	3	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM

Note: Substituting for the Filastruder items listed in the BOM may result in an improper fit.



SECTION B-B

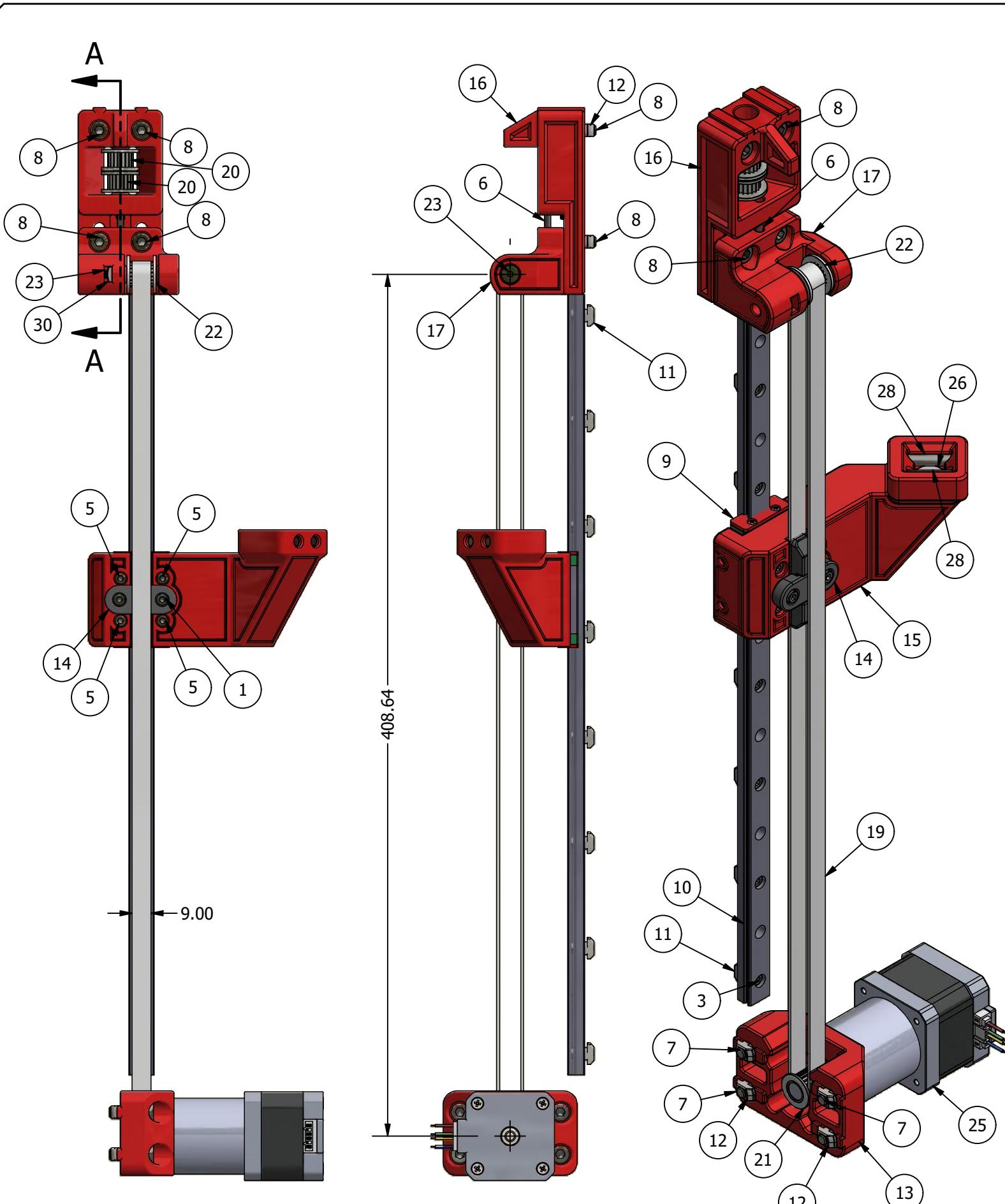
SECTION A-A

PRELIMINARY

MULDEX REP RAP INDEX 3D PRINTER DL1-PR
PART NO: MULDEX-17
TITLE: Z-AXIS BELT ASSY, 2

CONTACT INFO:
EMAIL: mail@ddprintingworld.com
TWITTER: @ddprintingworld
YOUTUBE: ddprintingworld

PROJECT SPONSORS:
• Filastruder • Zesty Tech
• Keenovo • RepRap
• 3D Fused • Wham Bam
• Atomic Filament • Slice Engineering
• Capricorn • Buildtak

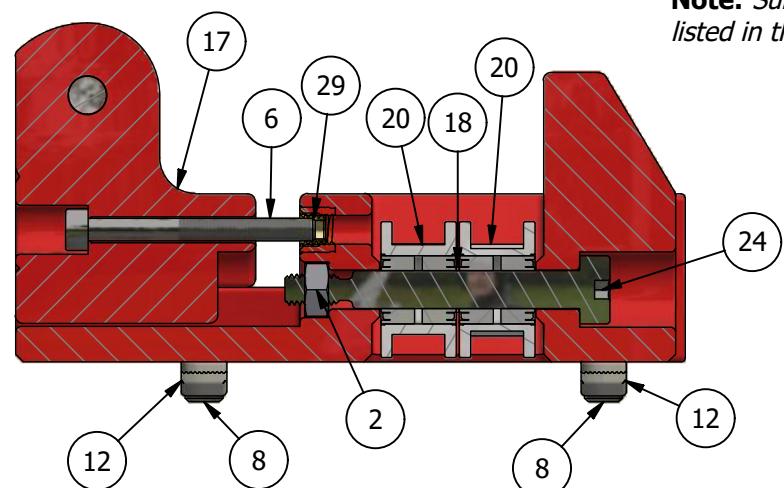


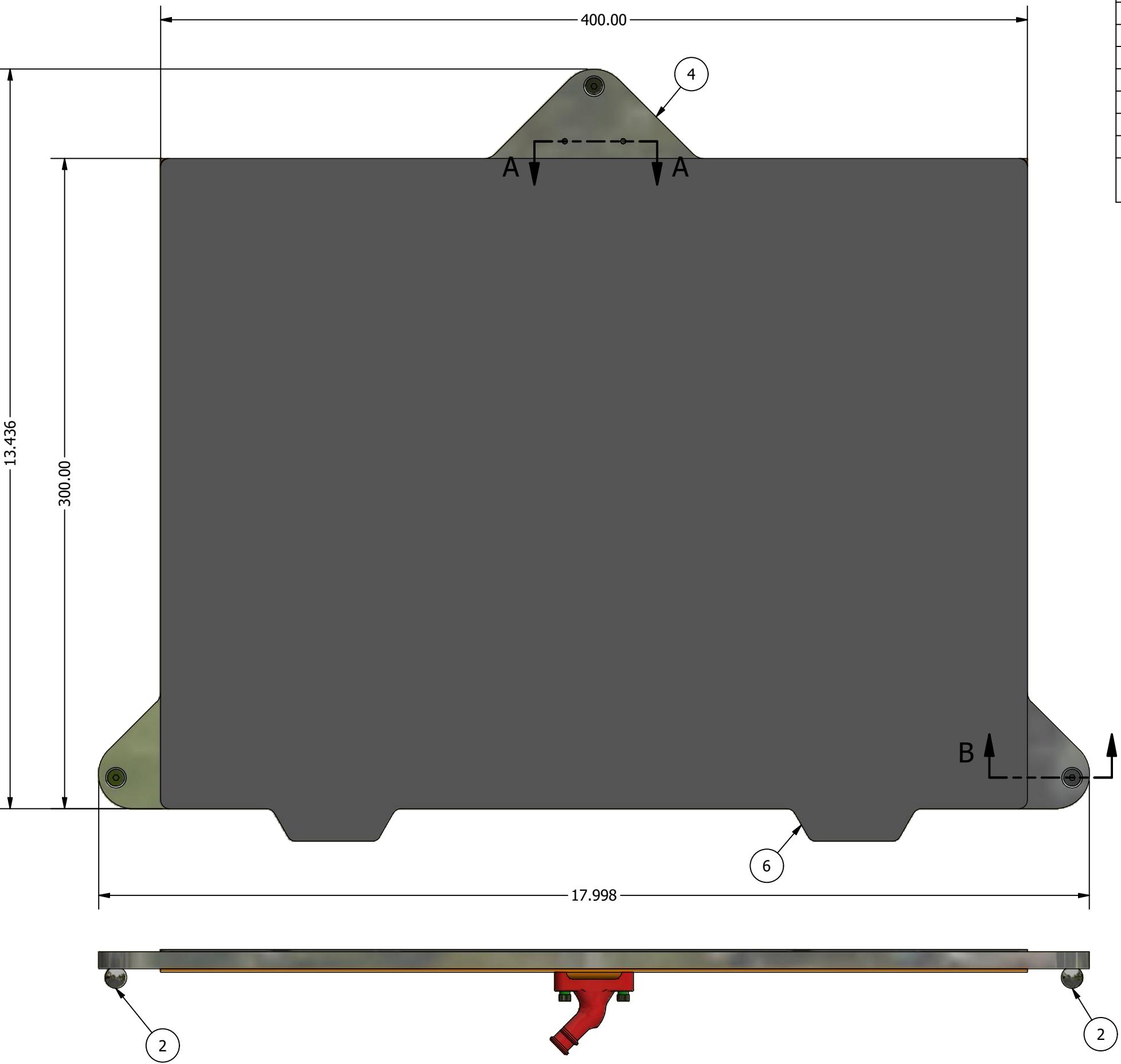
SECTION A-A

PRELIMINARY

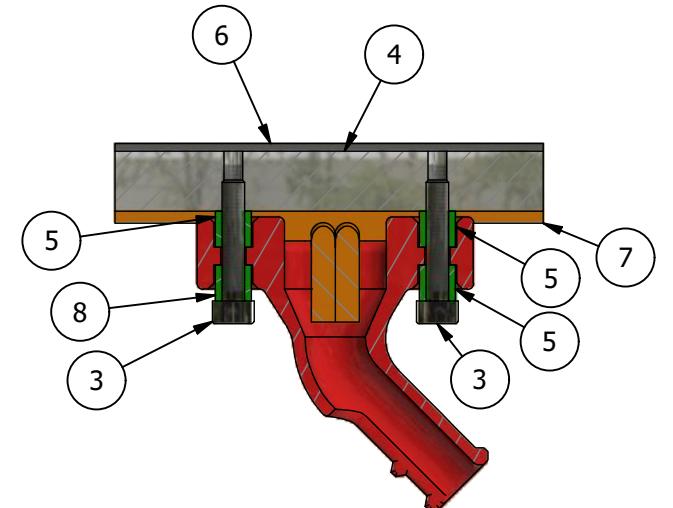
Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	2	M3x0.5 x 10	SHCS	
2	1	M4 x 0.7	Hex Nut	
3	8	M3x0.5 x 8	SHCS	
4	4	M3x0.5 x 12	SHCS	
5	4	M3x0.5 x 16	SHCS	
6	1	M3x0.5 x 30	SHCS	
7	4	M5x0.8 x 16	SHCS	
8	4	M5x0.8 x 20	SHCS	
9	1	MGN12H	LDO LINEAR BEARING	3D FUSED
10	1	MGN12H x 370mm LG. G=10mm	LDO LINEAR RAIL	3D FUSED
11	8	M3-20 SERIES	T-NUT, TWIST LOCK	AMAZON
12	8	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
13	1	MULDEX-16-01	Z-AXIS MOTOR MOUNT, 1&3	ATOMIC
14	2	MULDEX-16-05	BELT CLAMP, Z	ATOMIC
15	1	MULDEX-18-02	Z-AXIS COUPLING, 3	ATOMIC
16	1	MULDEX-18-03	Z-AXIS TAKUP MOUNT, 3	ATOMIC
17	1	MULDEX-18-04	Z-AXIS TAKEUP, 2	ATOMIC
18	1	5MM ID X 6MM OD X .4MM	BEARING SPACER	FILASTRUDE
19	1	9MM X 855MM LG.	GT2 GATES TIMING BELT	FILASTRUDE
20	2	GT2-20T-6-I	GATES IDLER PULLEY, 5MM BORE 20 TOOTH, 6MM WIDE	FILASTRUDE
21	1	GT2-20T-9-D	GATES DRIVE PULLEY, 20 TOOTH X 9MM WIDE	FILASTRUDE
22	1	GT2-20T-9-I	GATES IDLER PULLEY, 5MM BORE 20 TOOTH, 9MM WIDE	FILASTRUDE
23	1	M5 X 25MM LG.	S.S. SHOULDER SCREW	FILASTRUDE
24	1	M5 X 30MM LG.	SHOULDER BOLT	FILASTRUDE
25	1	42STH40-100ACPG13.7	PLANETARY STEPPER MOTOR, 40MM 13.7/1	LDO
26	1	5862K124	MAGNET, N52 1/2" DIA. X 3/8" THICK	MCMASTER
27	2	91390A103	M3 X 10MM SHSS	MCMASTER
28	2	91595A408	DOWEL PIN, 5MM X 24MM	MCMASTER
29	1	94180A351	M4 HEAT SET THREAD INSERT	MCMASTER
30	1	97258A102	M4 SQ. NUT	MCMASTER
31	2	97259A101	M3 SQ. NUT	MCMASTER
32	3	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM

Note: Substituting for the Filastruder items listed in the BOM may result in a improper fit.

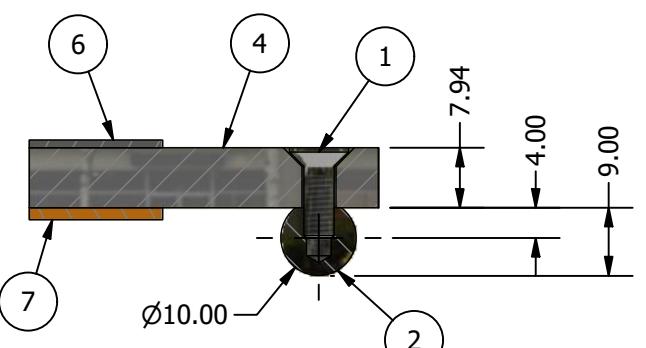




Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	3	M4x12	FHCS	
2	3	8MM X M5	BALL END	
3	2	M3x0.5 x 16	SHCS	
4	1	MULDEX-19-01	BED PLATE	3DFUSED
5	1	MULDEX-19-02	STRAIN RELIF	ATOMIC
6	1	MULDEX-19-03	FLEX PLATE	ATOMIC
7	1	SILICONE	SILICONE HEATING PAD, 400X300	KEENOVO
8	4	92273A003	GARLITE SPACER, .115"ID X .188" OD X.188" LG	MCMASTER



SECTION A-A



SECTION B-B

PRELIMINARY

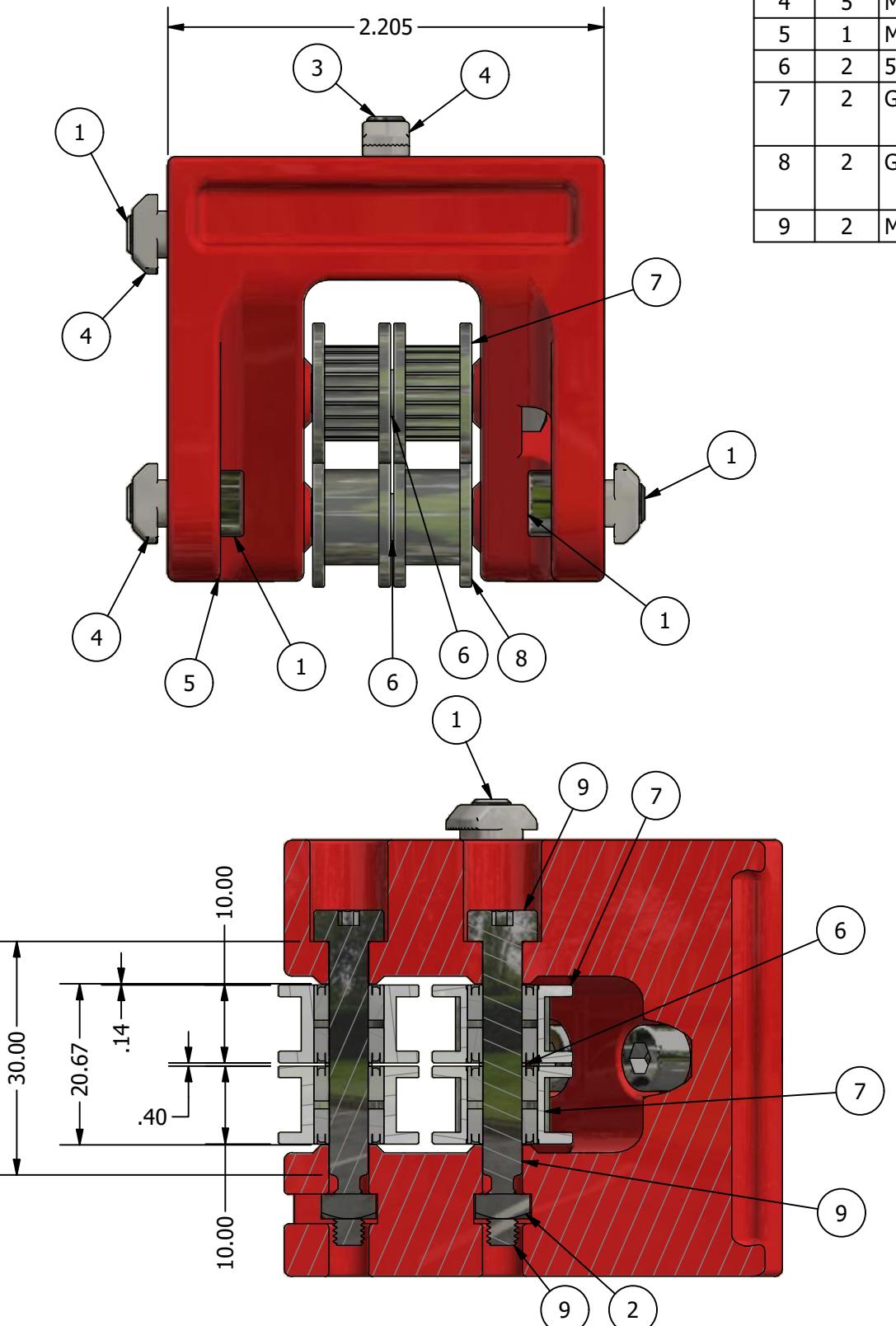
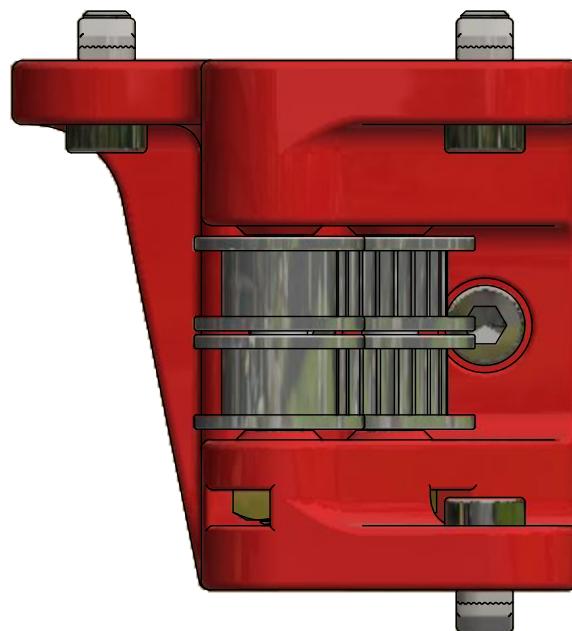
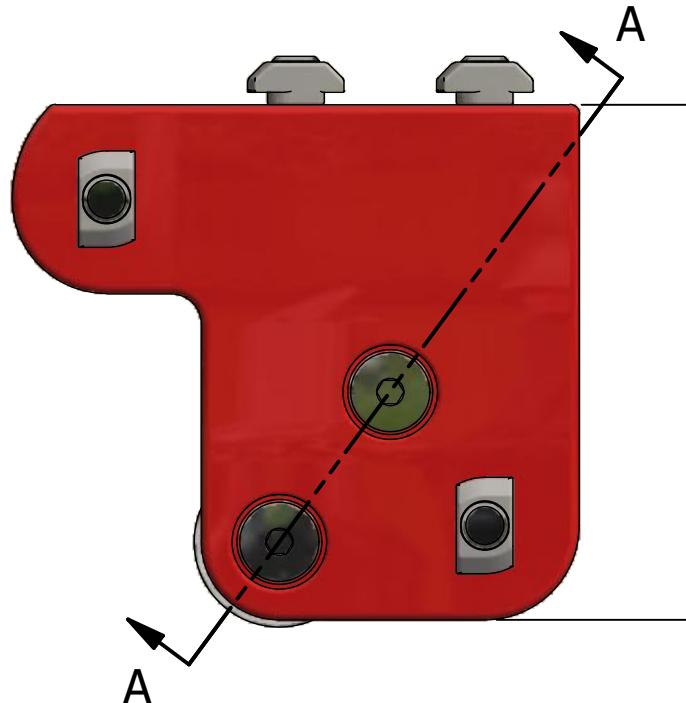
PROJECT SPONSORS:
 • Filstruder
 • Zesty Tech
 • LDO Motors
 • Keenovo
 • Repkord
 • Wham Bam
 • Slice Engineering

CONTACT INFO:
 EMAIL: mail@3dprintingworld.com
 THINGIVERSE: 3dprintingworld
 TWITTER: 3dprintworld
 YOUTUBE: 3dprintingworld

3D PRINTING WORLD

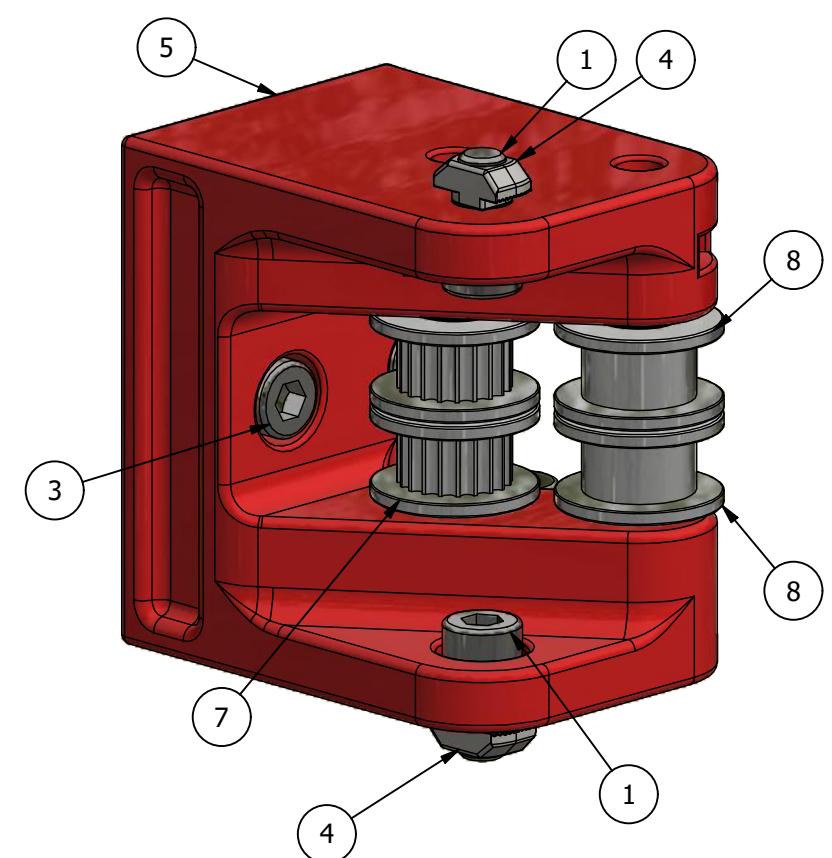


MULDEX REP RAP INDEX 3D PRINTER DL1-PR
 PART NO: MULDEX-19
 TITLE: HEAT BED ASSEMBLY



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	3	M5x0.8 x 10	SHCS	
2	2	M4	Square Nut	
3	2	M5x0.8 x 16	SHCS	
4	5	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
5	1	MULDEX-20-01	CORNER IDLER, RH	ATOMIC
6	2	5MM ID X 6MM OD X .4MM	BEARING SPACER	FILASTRUSTR
7	2	GT2-20T-6-I	GATES IDLER PULLEY, 5MM BORE 20 TOOTH, 6MM WIDE	FILASTRUSTR
8	2	GT2-20T-6-SI	GATES IDLER PULLEY, 5MM BORE 20 SMOOTH, 6MM WIDE	FILASTRUSTR
9	2	M5 X 30MM LG.	SHOULDER BOLT	FILASTRUSTR

Note: Substituting for the Filastruder items listed in the BOM may result in an improper fit.



PRELIMINARY

MULDEX REP RAP INDEX 3D PRINTER DL1-PR

PART NO:

MULDEX-20

TITLE

IDELE ASSEMBLY, LH

CONTACT INFO:
EMAIL: mail@ddprintingworld.com
THINGIVERSE: dddprintingworld
TWITTER: dddprintingworld
YOUTUBE: dddprintingworld



PROJECT SPONSORS:
• Filastruder
• Zesty Tech
• LDO Motors
• Keenovo
• Repkord
• Wham Bam
• Slice Engineering
• 3D Fused
• Atomic Filament
• Capricorn
• Buildtak

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	2	M4	Square Nut	
2	2	M5x0.8 x 16	SHCS	
3	3	M5x0.8 x 10	SHCS	
4	5	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
5	1	MULDEX-21-01	CORNER IDLER, LH	ATOMIC
6	2	5MM ID X 6MM OD X .4MM	BEARING SPACER	FILASTRUSTRU
7	2	GT2-20T-6-I	GATES IDLER PULLEY, 5MM BORE 20 TOOTH, 6MM WIDE	FILASTRUSTRU
8	2	GT2-20T-6-SI	GATES IDLER PULLEY, 5MM BORE 20 SMOOTH, 6MM WIDE	FILASTRUSTRU
9	2	M5 X 30MM LG.	SHOULDER BOLT	FILASTRUSTRU

Note: Substituting for the Filastruder items listed in the BOM may result in a improper fit.

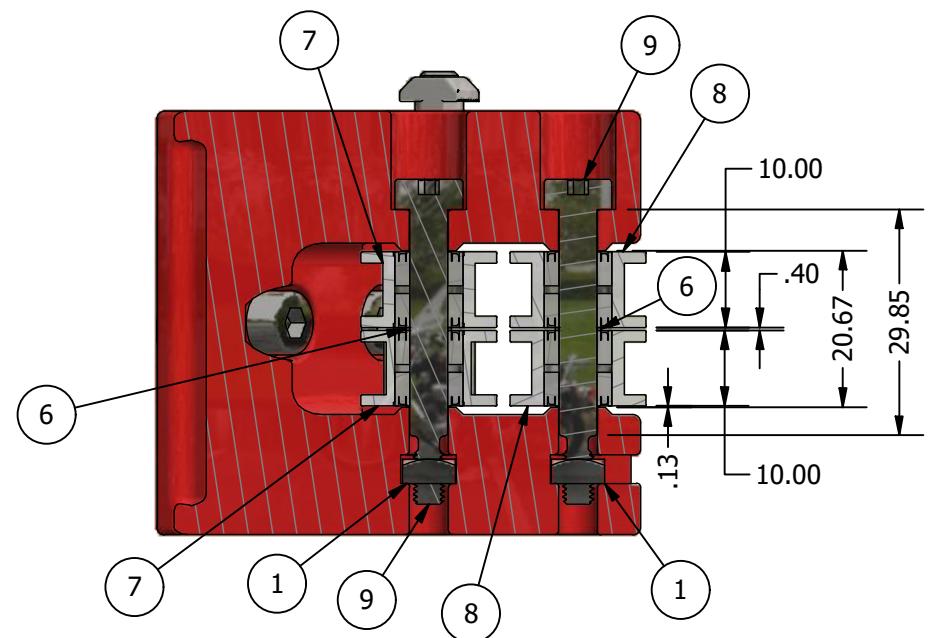
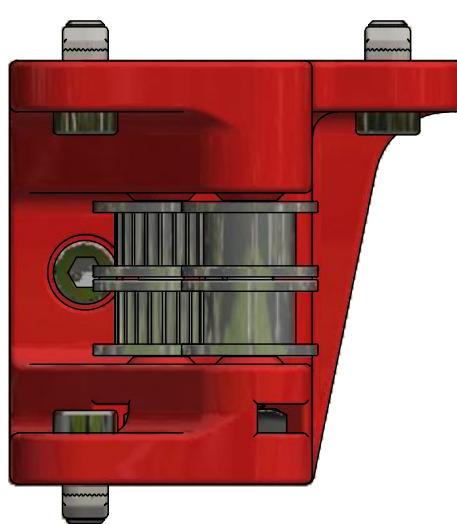
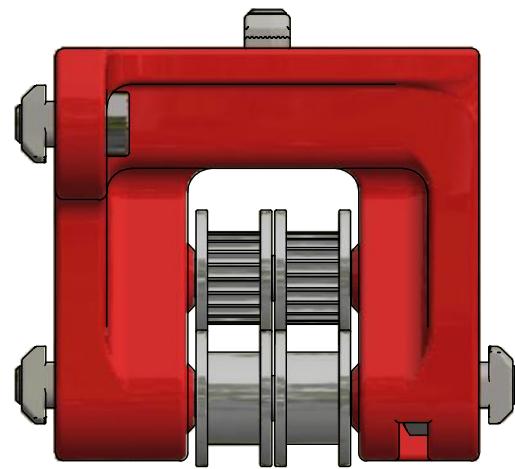
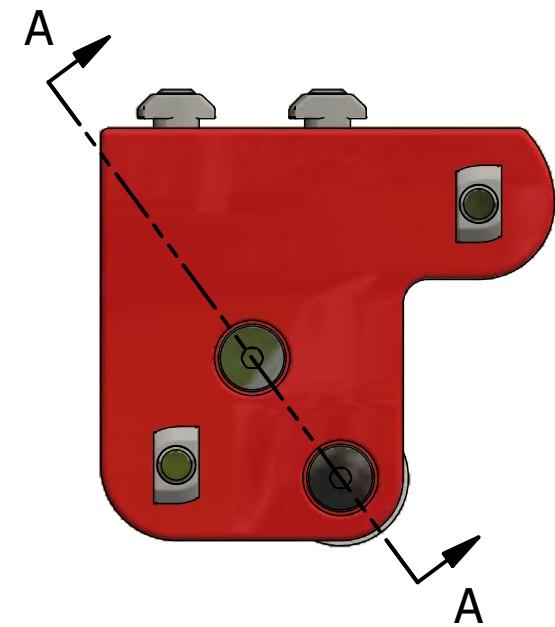


PROJECT SPONSORS:

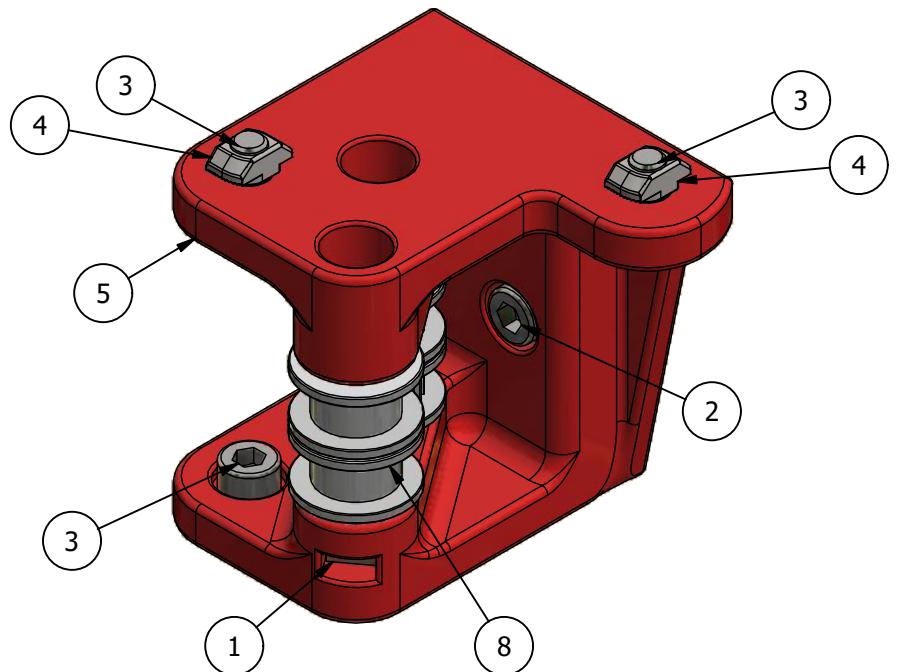
- Filastruder
- Zesty Tech
- LDO Motors
- Keenovo
- RepRap
- Wham Bam
- Capricorn
- Buildtak
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

CONTACT INFO:

EMAIL: mail@ddprintingworld.com
 THINGIVERSE: ddpthingiverse.com
 TWITTER: ddpworld
 YOUTUBE: ddpprintingworld



SECTION A-A



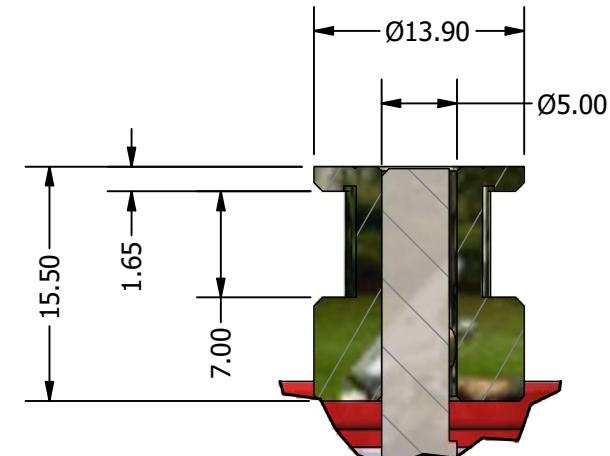
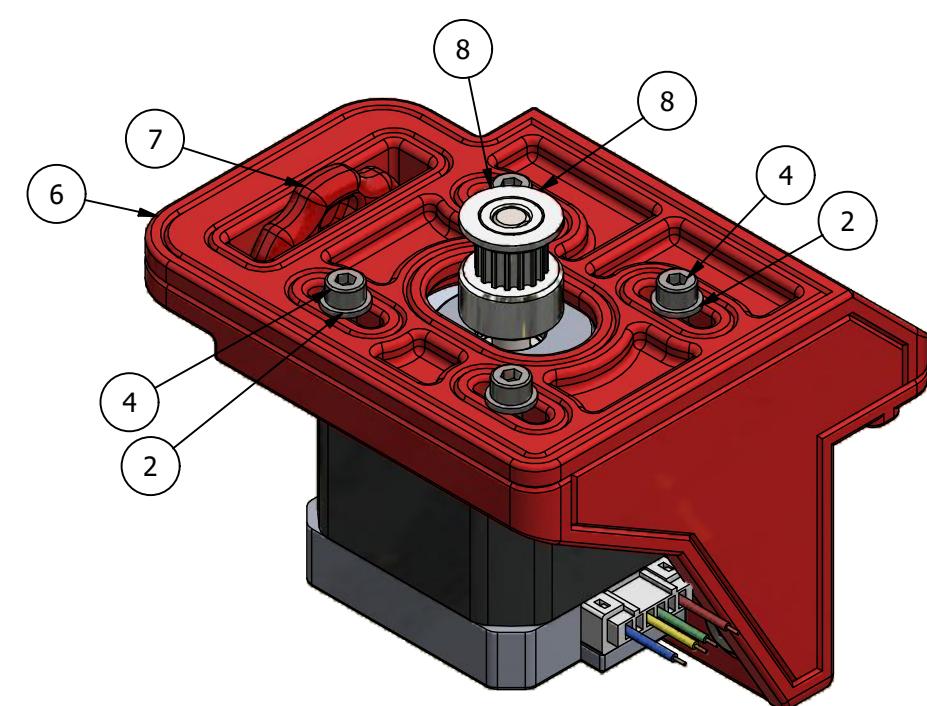
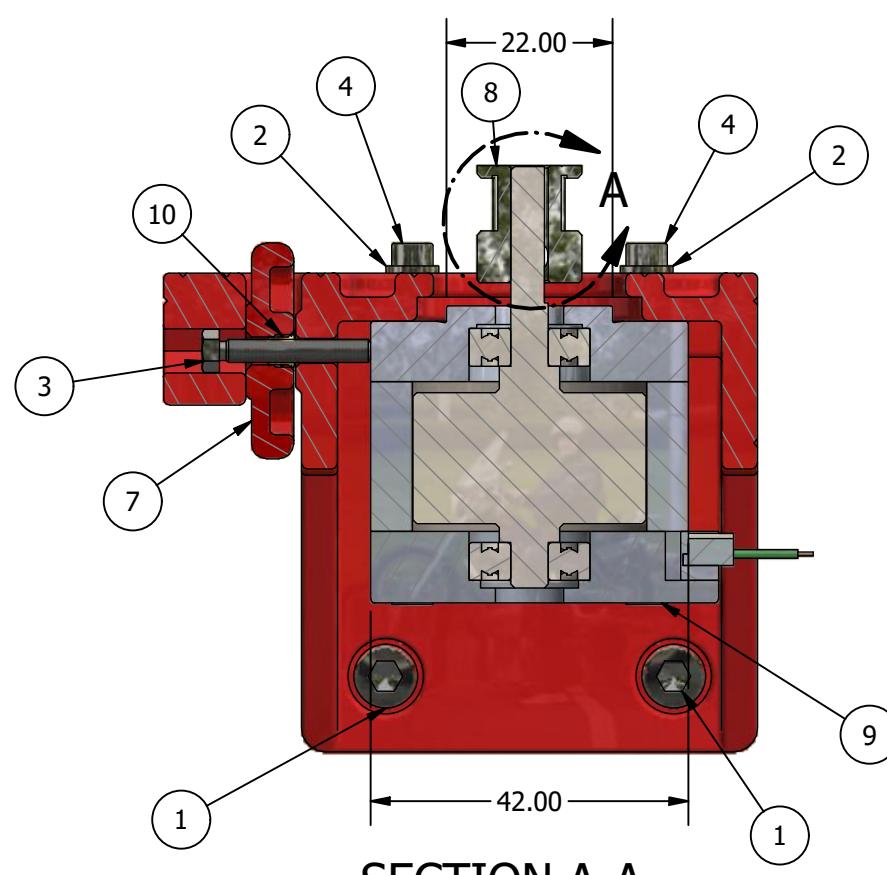
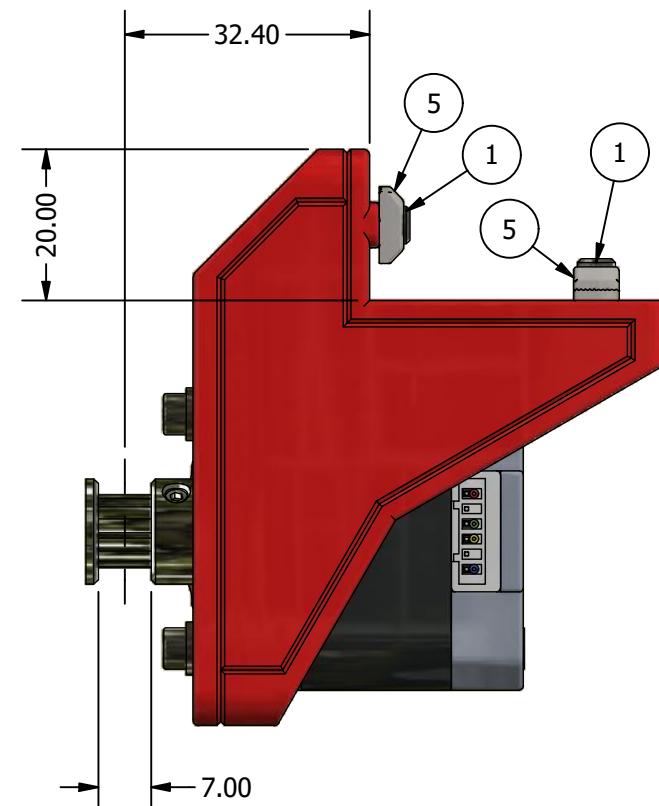
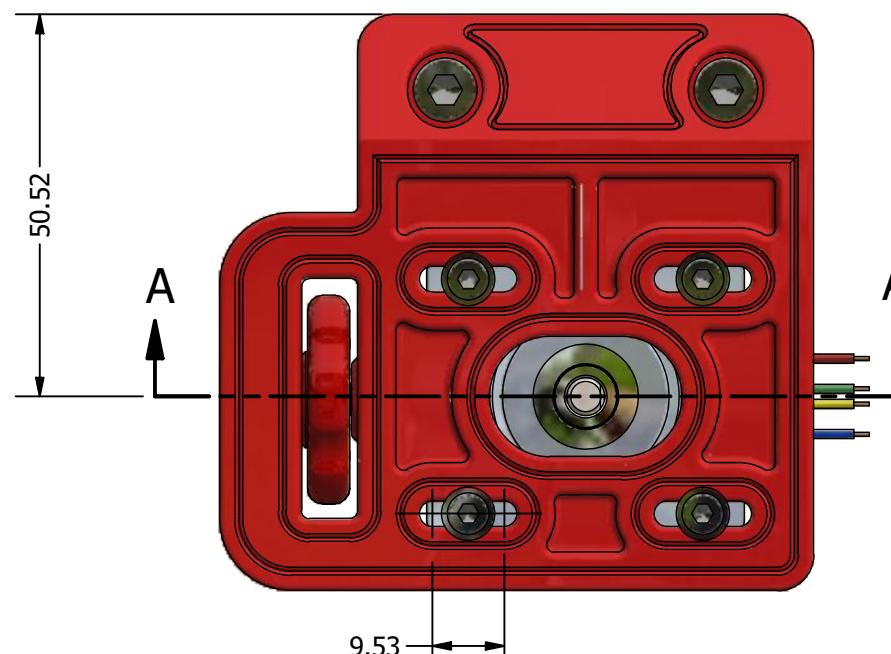
PRELIMINARY

MULDEX REP RAP INDEX 3D PRINTER DL1-PR

PART NO:

MULDEX-21

TITLE
 MULDEX
 IDLE ASSEMBLY, LH



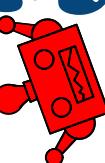
PRELIMINARY

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M5x0.8 x 10	SHCS	
2	4	M3	WASHER	
3	1	M3 x 0.5 x 20	HEX SCREW	
4	4	M3x0.5 x 10	SHCS	
5	4	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
6	1	MULDEX-22-01	U-AXIS STEPPER MOUNT	ATOMIC
7	1	MULDEX-22-02	TAKE UP KNOB	ATOMIC
8	1	GT2-16T-6-D	GATES DRIVE PULLEY, 16 TOOTH X 6MM WIDE	FILASTRUDE
9	1	42STH40-100AC	STEPPER MOTOR	LDO
10	1	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM

PROJECT SPONSORS:

- Filastruder
- Zesty Tech
- Repkord
- Wham Bam
- LDO Motors
- Slice Engineering

CONTACT INFO:
 EMAIL: mailto:dd3dprintingworld.com
 THINGIVERSE: dd3dprintingworld.com
 TWITTER: dd3dprintingworld
 YOUTUBE: dd3dprintingworld



MULDEX REP RAP INDEX 3D PRINTER DL1-PR
U-AXIS MOTOR ASSY

PART NO: MULDEX-22

TITLE: U-AXIS MOTOR ASSY



Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M3	WASHER	
2	1	M3 x 0.5 x 20	HEX SCREW	
3	4	M3x0.5 x 10	SHCS	
4	4	M5x0.8 x 10	SHCS	
5	4	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
6	1	MULDEX-22-02	TAKE UP KNOB	ATOMIC
7	1	MULDEX-23-01	X-AXIS STEPPER MOUNT	ATOMIC
8	1	GT2-16T-6-D	GATES DRIVE PULLEY, 16 TOOTH X 6MM WIDE	FILASTRUDER
9	1	42STH40-100AC	STEPPER MOTOR	LDO
10	1	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM

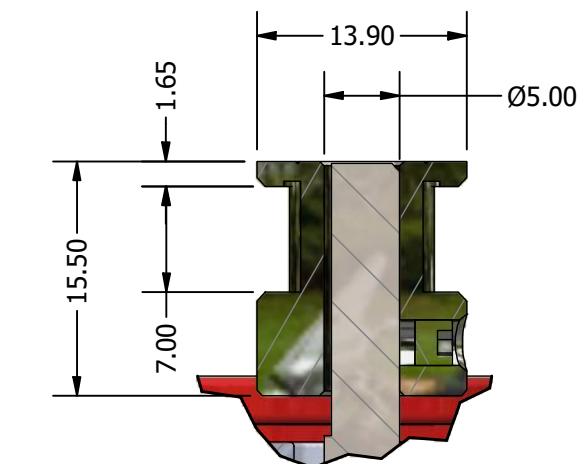
PROJECT SPONSORS:

- Filastruder
- Zesty Tech
- LDO Motors
- Keenovo
- Repkord
- Wham Bam
- Slice Engineering

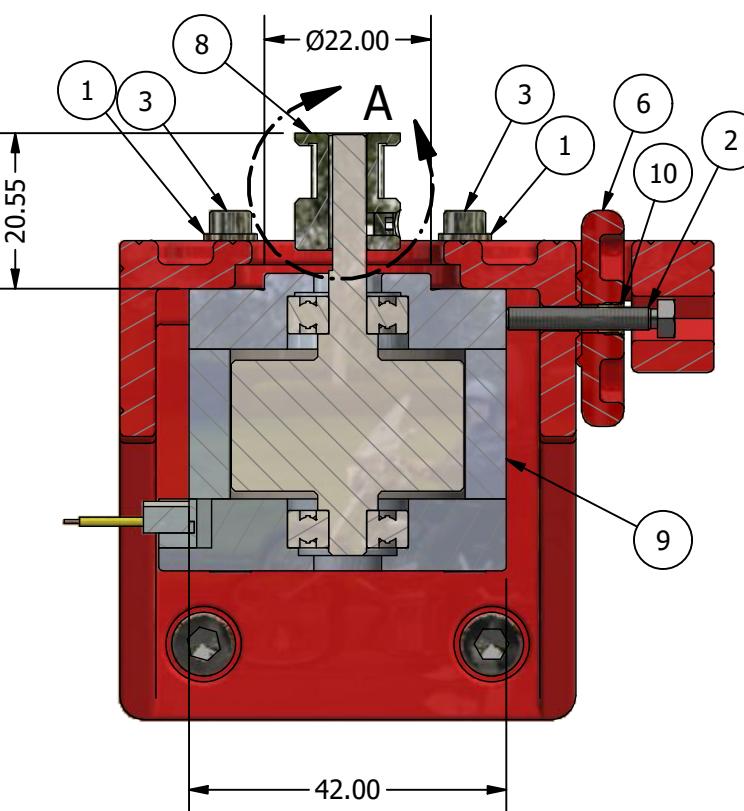
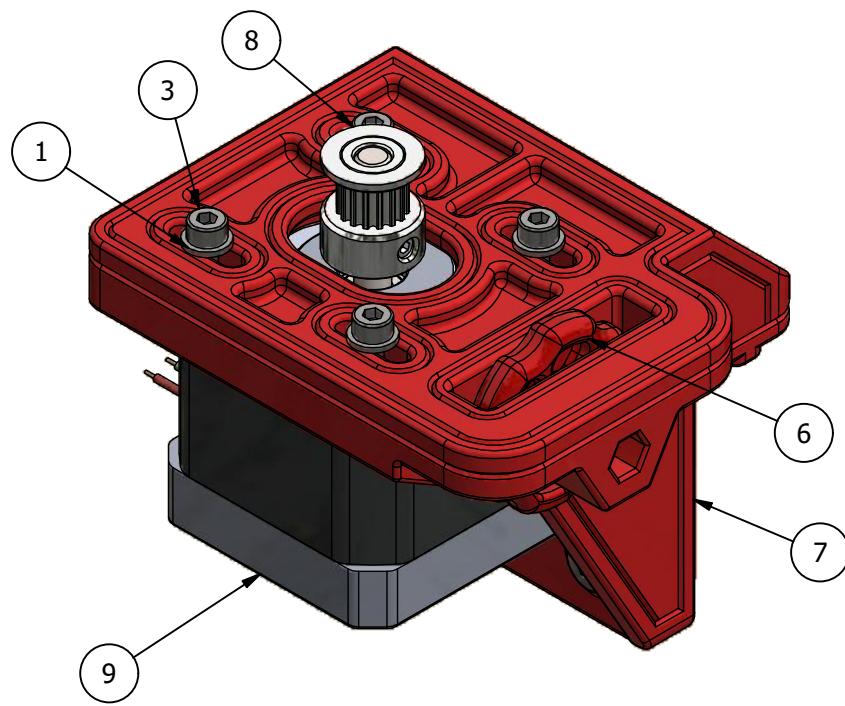
CONTACT INFO:
 EMAIL: mailto:dd3dprintingworld.com
 THINGIVERSE: 3dprintingworld
 TWITTER: dd3dworld
 YOUTUBE: dd3dprintingworld



MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
 TITLE **X-AXIS MOTOR ASSY**
 PART NO: **MULDEX-23**

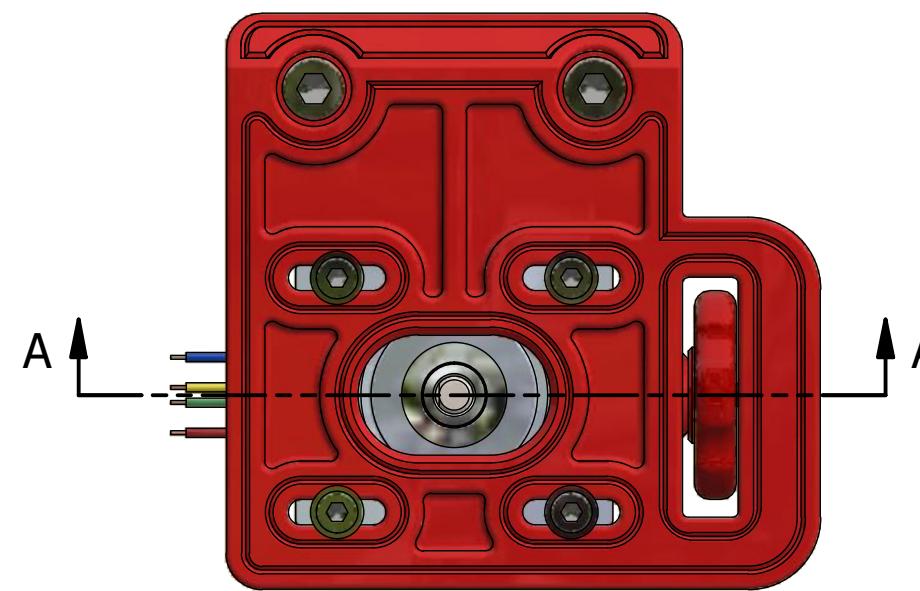


DETAIL A

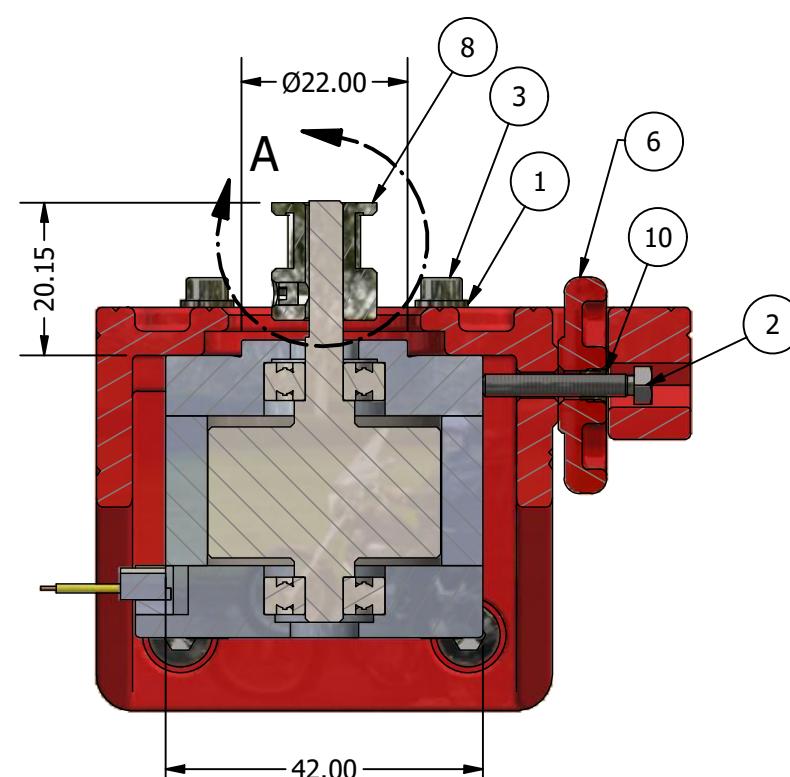


SECTION A-A

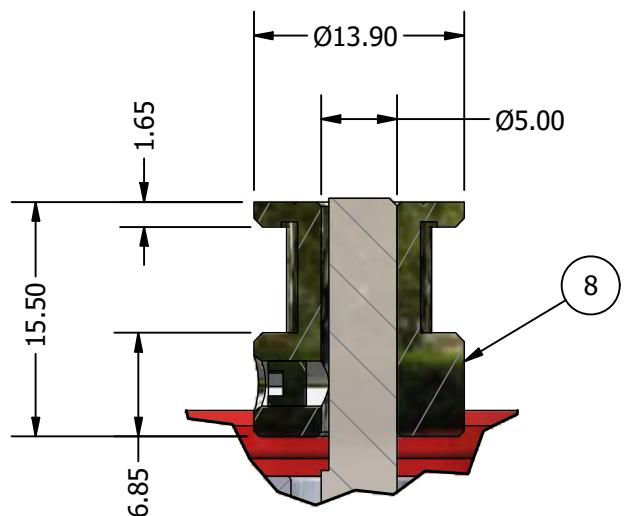
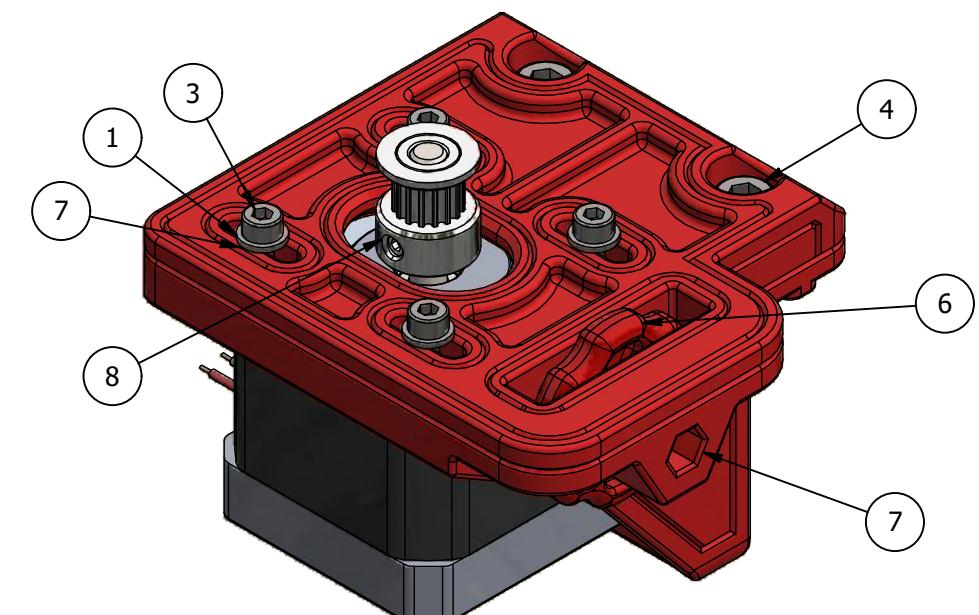
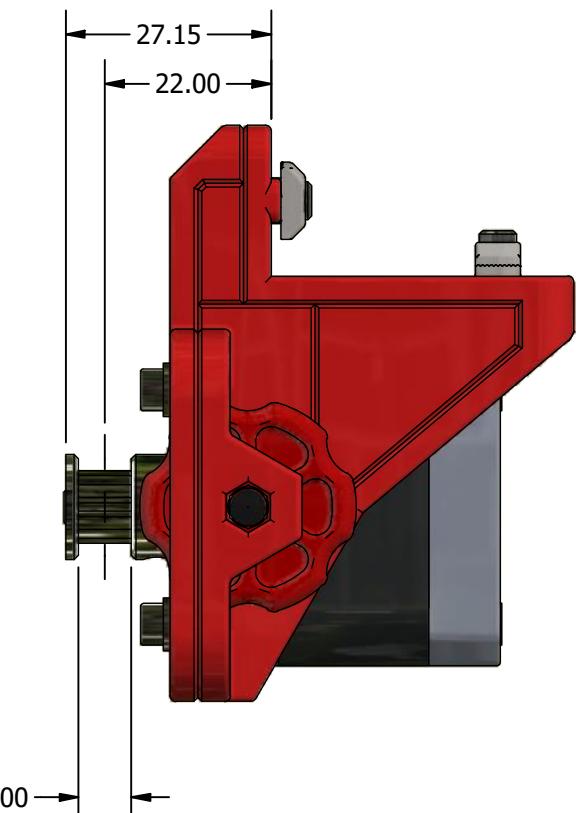
PRELIMINARY



A A



SECTION A-A



DETAIL A

PRELIMINARY

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M3	WASHER	
2	1	M3 x 0.5 x 20	HEX SCREW	
3	4	M3x0.5 x 10	SHCS	
4	4	M5x0.8 x 10	SHCS	
5	4	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
6	1	MULDEX-22-02	TAKE UP KNOB	ATOMIC
7	1	MULDEX-24-01	Y-AXIS MOTOR MOUNT, LH	ATOMIC
8	1	GT2-16T-6-D	GATES DRIVE PULLEY, 16 TOOTH X 6MM WIDE	FILASTRUDER
9	1	42STH40-100AC	STEPPER MOTOR	LDO
10	1	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM

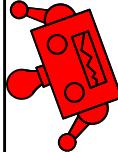
PROJECT SPONSORS:

- Filastruder
- Zesty Tech
- LDO Motors
- Keenovo
- Repkord
- Wham Bam
- Slice Engineering
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

CONTACT INFO:

EMAIL: mail@ddprintingworld.com
THINGIVERSE: ddprintingworld
TWITTER: ddprintingworld
YOUTUBE: ddprintingworld

3D PRINTING WORLD



MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
TITLE: Y-AXIS MOTOR ASSY, LH PART NO: MULDEX-24

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M3	WASHER	
2	1	M3 x 0.5 x 20	HEX BOLT	
3	4	M3x0.5 x 10	SHCS	
4	4	M5x0.8 x 10	SHCS	
5	4	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
6	1	MULDEX-22-02	TAKE UP KNOB	ATOMIC
7	1	MULDEX-25-01	Y-AXIS MOTOR MOUNT, RH	ATOMIC
8	1	GT2-16T-6-D	GATES DRIVE PULLEY, 16 TOOTH X 6MM WIDE	FILASTRUDER
9	1	42STH40-100AC	STEPPER MOTOR	LDO
10	1	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM



PROJECT SPONSORS:

- Filastruder
- Zesty Tech
- LDO Motors
- Keenovo
- Repkord
- Wham Bam
- Slice Engineering
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

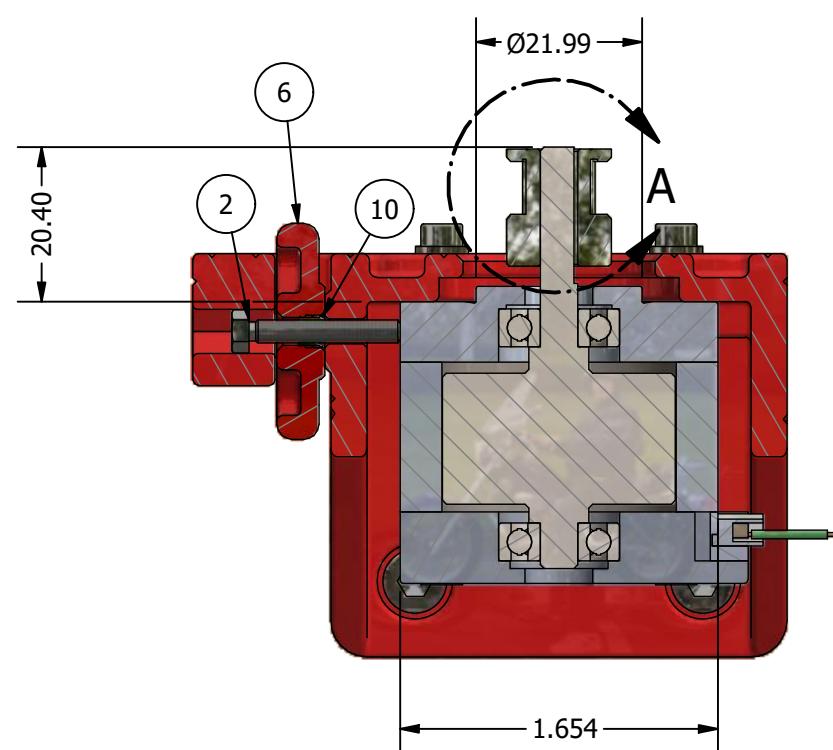
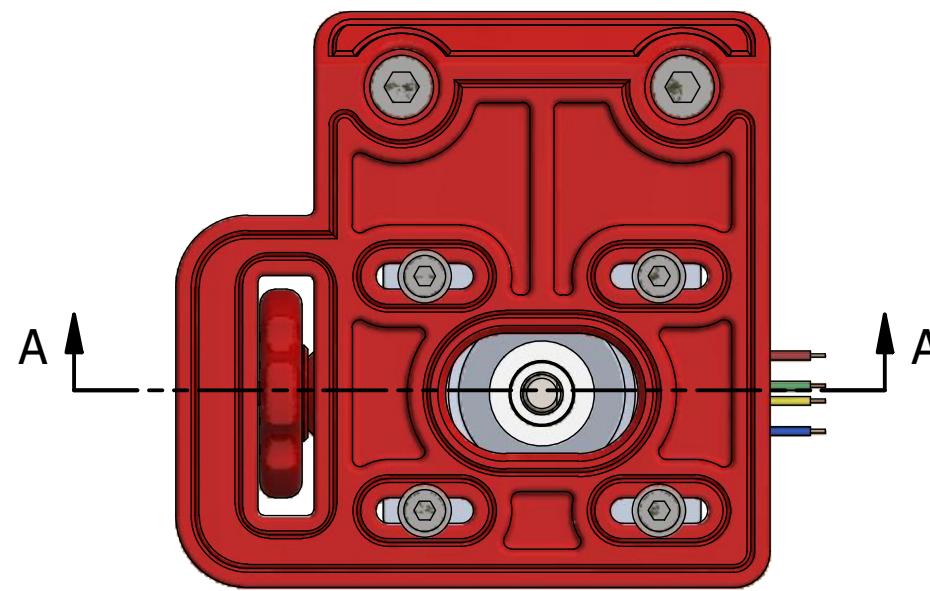
CONTACT INFO:

EMAIL: mail@ddprintingworld.com
THINGIVERSE: [ddprintingworld](#)
TWITTER: [ddprintingworld](#)
YOUTUBE: [ddprintingworld](#)

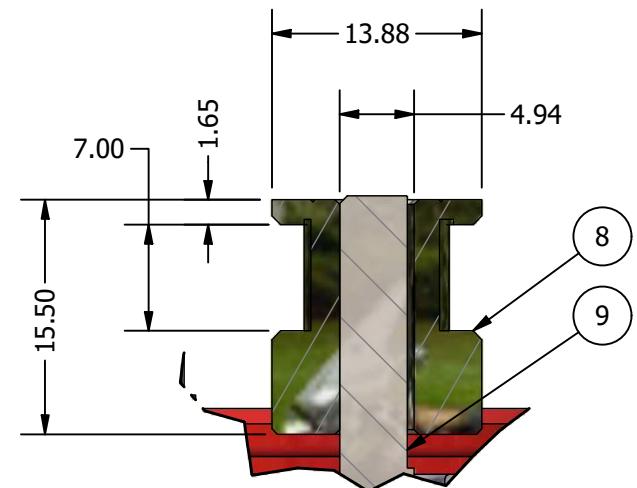
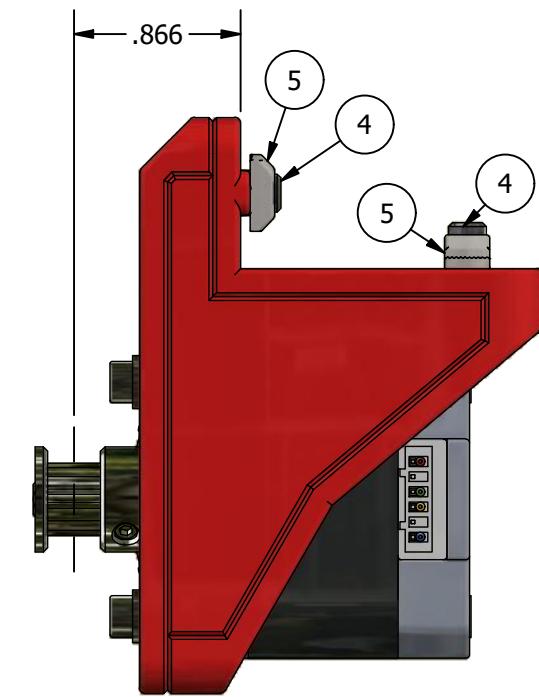
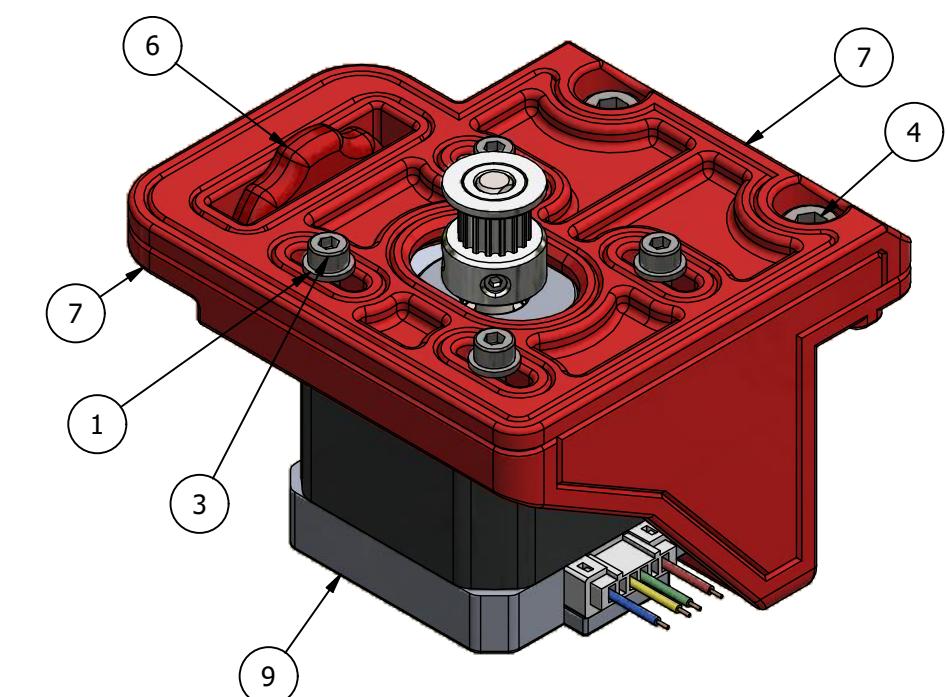


MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
TITLE: Y-AXIS MOTOR ASSY, RH
PART NO: MULDEX-25

PRELIMINARY



SECTION A-A



DETAIL A



Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	3	M5x0.8 x 20	SHCS	
2	4	M3x0.5 x 5, BSHCSM	SHCS	
3	3	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
4	1	MULDEX-26-01	MOTOR SPACER	ATOMIC
5	1	42STH25-1004AC	1.8 SLIM POWER STEPPER	LDO
6	1	NEMA-17 BRK	STEPPER MOUNTING BRACKET	ZESTY

PROJECT SPONSORS:

- 3D Fused
- Keenovo
- RepRap
- Zesty Tech
- Wham Bam
- LDO Motors
- Slice Engineering

CONTACT INFO:

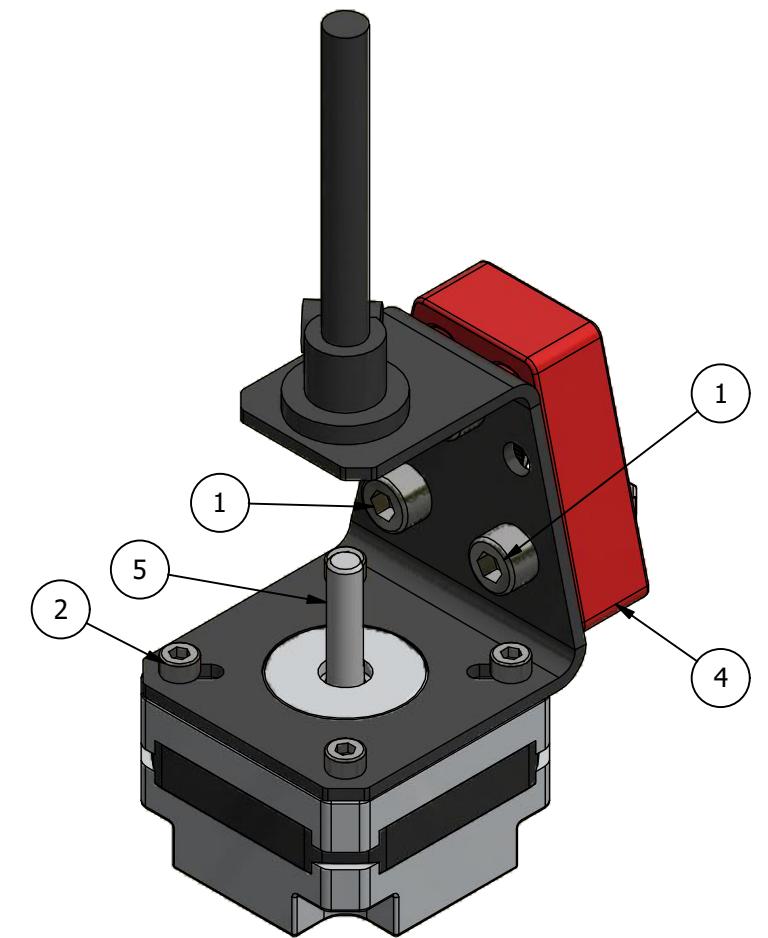
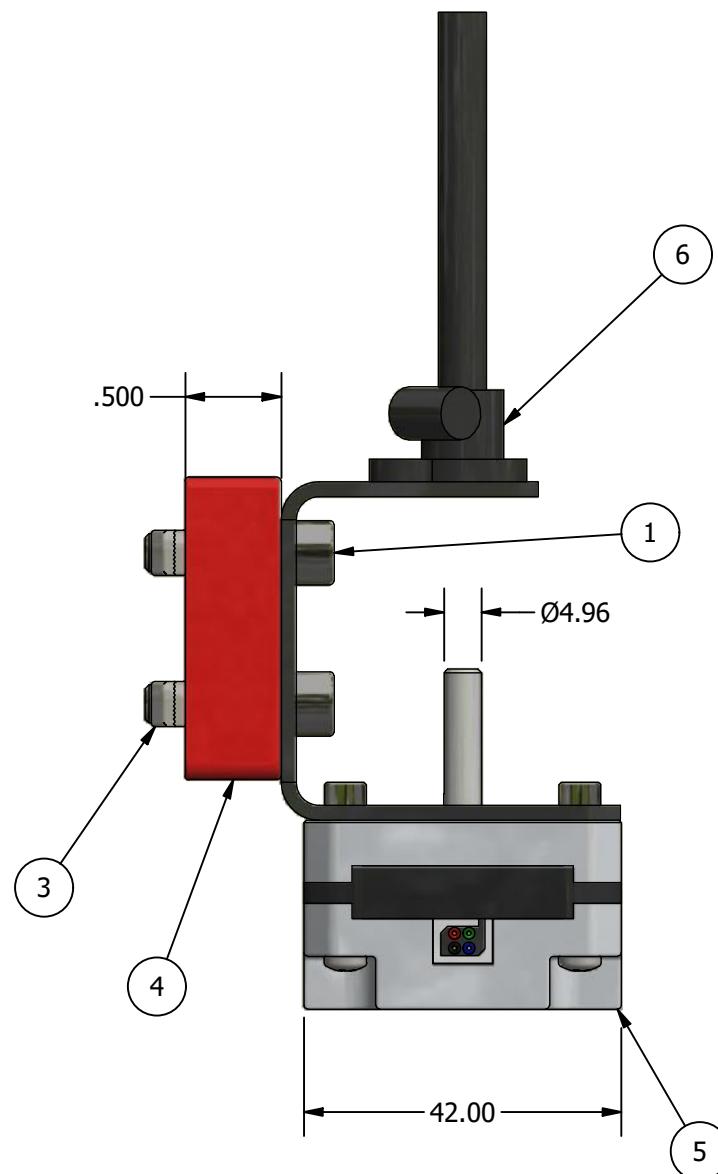
EMAIL: mail@ddprintingworld.com
 THINGIVERSE: [ddprintingworld](#)
 TWITTER: [ddpw](#)
 YOUTUBE: [ddprintingworld](#)



MULDEX REP RAP INDEX 3D PRINTER DL1-PR

PART NO: MULDEX-26

PRELIMINARY



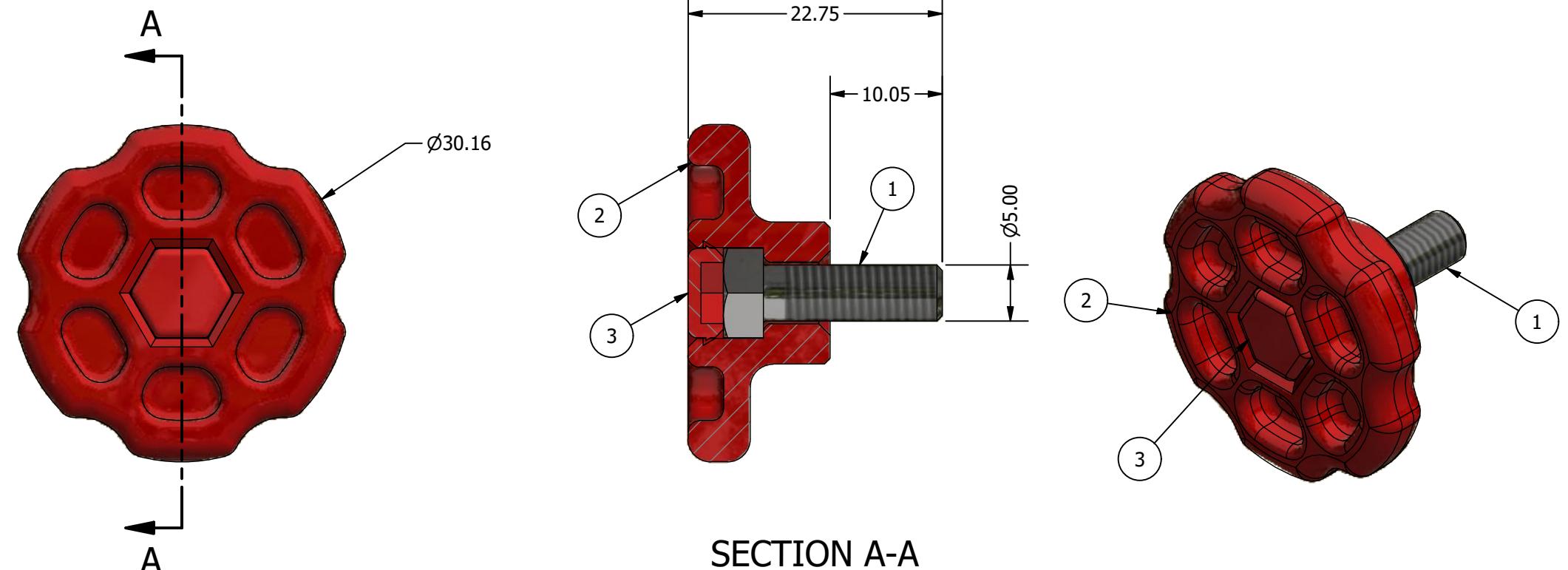


Parts List

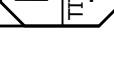
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	1	M5 x 0.8 x 16	Hex Bolt	
2	1	MULDEX-26-01	THUMB KNOB, M5 HEX	ATOMIC
3	1	MULDEX-26-02	THUMB KNOB COVER	ATOMIC

PROJECT SPONSORS:

- Filastruder
- Zesty Tech
- LDO Motors

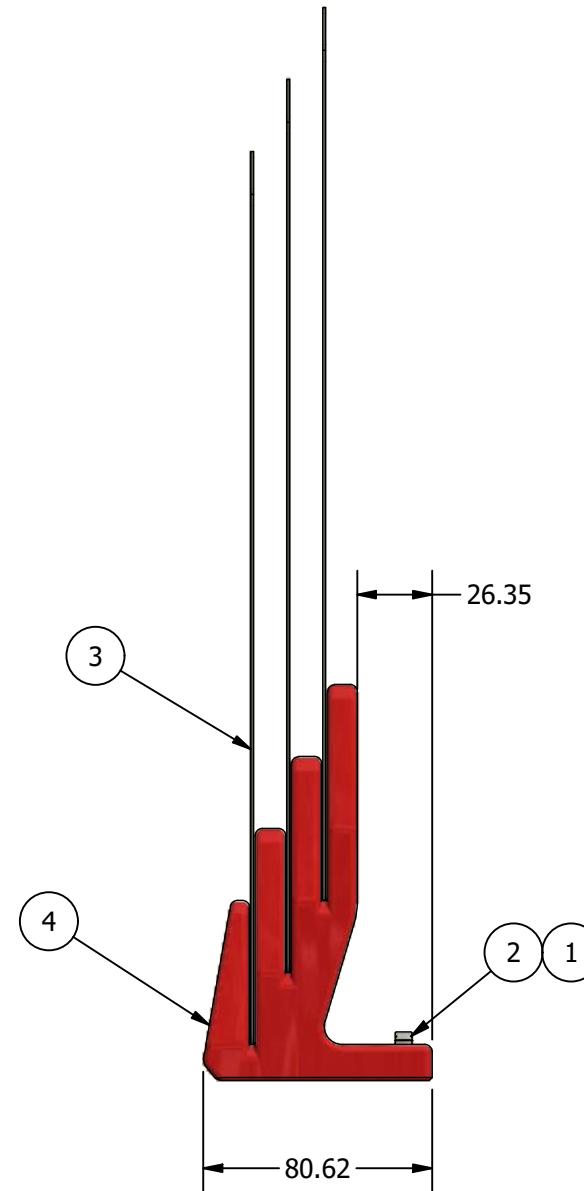
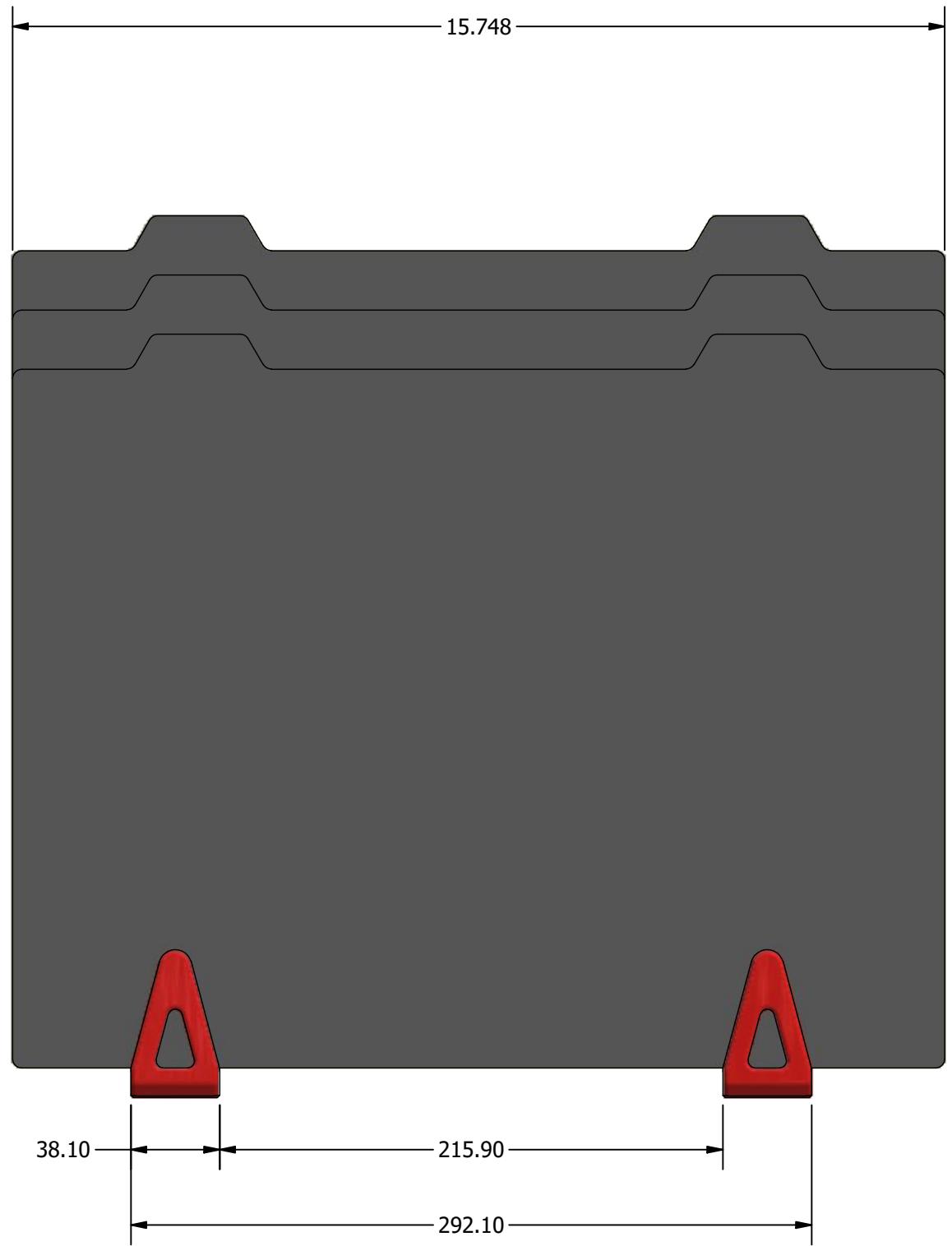
**PRELIMINARY**

MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
 TITLE **THUMB SCREW ASSEMBLY** PART NO: **MULDEX-26**



Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M5x0.8 x 12	SHCS	
2	4	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
3	3	MULDEX-19-03	FLEX PLATE	ATOMIC
4	2	MULDEX-28-01	FLEX PLATE CADDY	ATOMIC

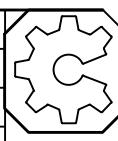


PRELIMINARY

MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
TITLE **FLEX PLATE CADDY ASSY**

CONTACT INFO:
EMAIL: mail@ddprintingworld.com
THINGIVERSE: [ddprintingworld](#)
TWITTER: [ddpworld](#)
YOUTUBE: [ddprintingworld](#)

PROJECT SPONSORS:
• 3D Fused
• Keenovo
• Repkord
• Zesty Tech
• Wham Bam
• LDO Motors
• Capricorn
• Buildtak
• Slice Engineering





Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	2	M3 x 0.5	Hex Nut	
2	2	M3x0.5 x 12	SHCS	
3	2	M5x0.8 x 10	SHCS	
4	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
5	1	MULDEX-29-01	REVERSE BOWDEN BRACKET	ATOMIC
6	1	MULDEX-29-02	EXTRUDER CABLE, RELIF	ATOMIC
7	1	MULDEX-29-03	EXTRUDER CABLE, CLAMP	ATOMIC
8	1	MULDEX-29-04	WIRE COMB, FRONT	ATOMIC
9	1	MULDEX-29-05	WIRE COMB, BACK	ATOMIC
10	1	1.75	E3D BOWDEN COUPLING, FOR PLASTIC	FILASTRUDE

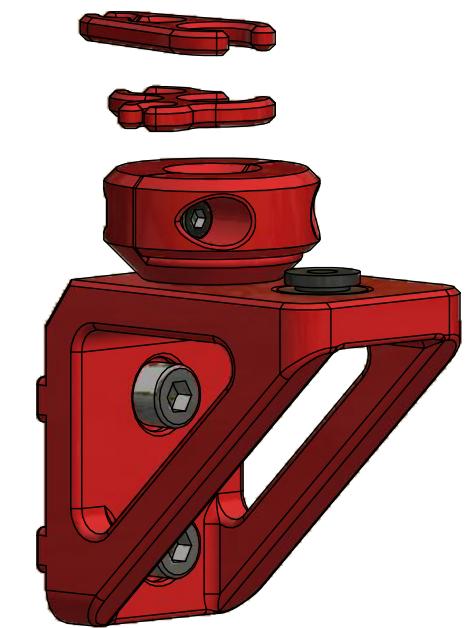
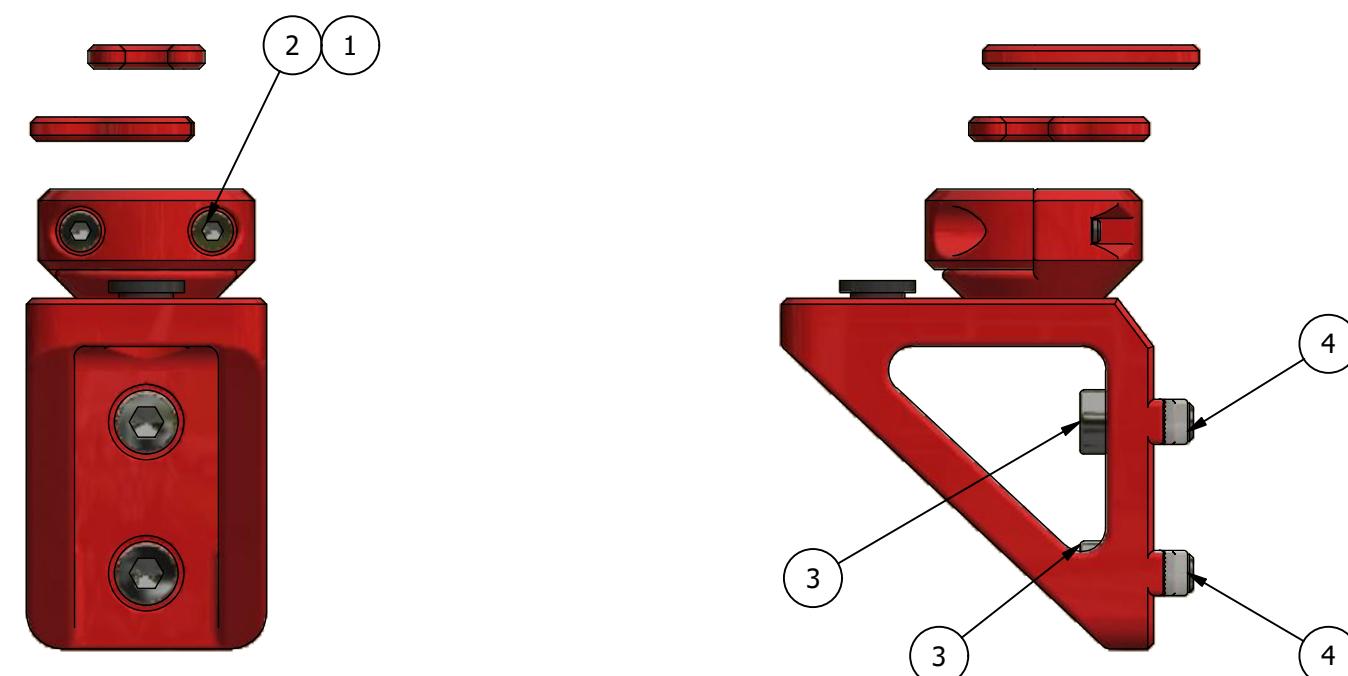
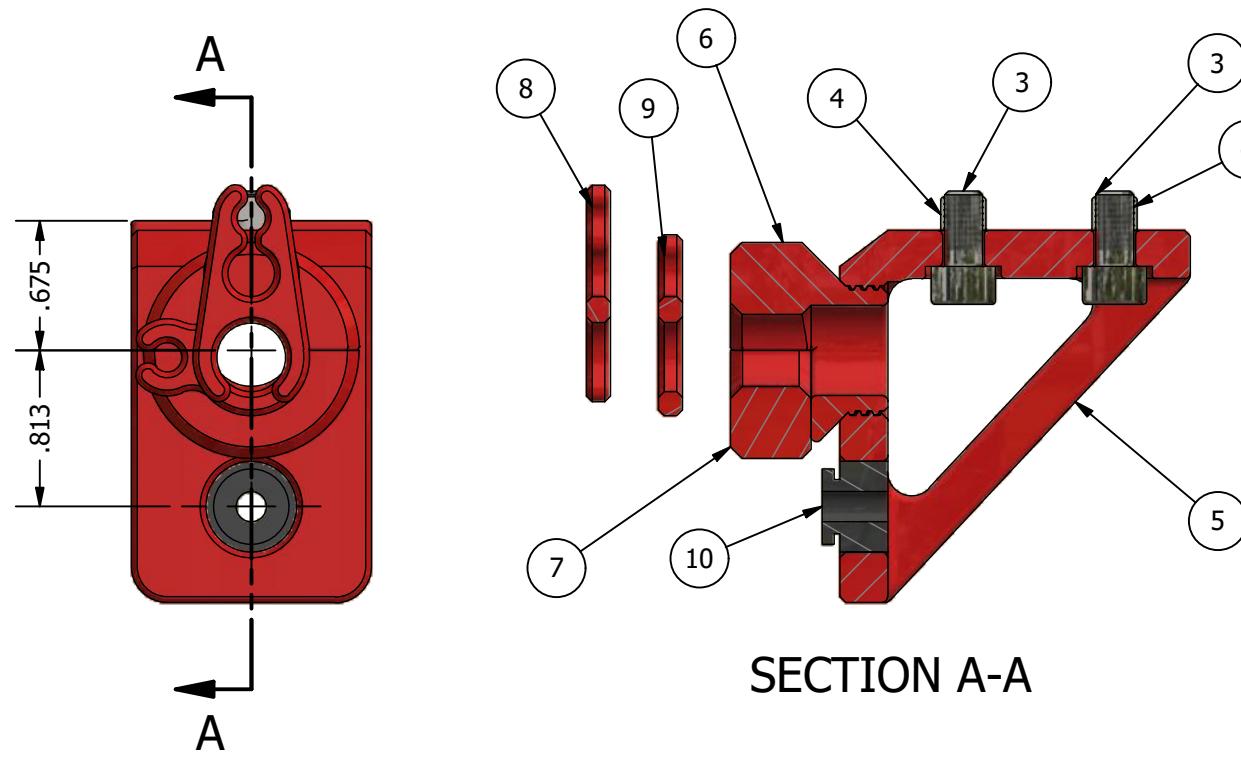
PROJECT SPONSORS:

- Filastruder
- Zesty Tech
- LDO Motors
- Keenovo
- RepRap
- Wham Bam
- Slice Engineering
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

CONTACT INFO:
EMAIL: mail@ddprintingworld.com
THINGIVERSE: [ddprintingworld](#)
TWITTER: [ddprintingworld](#)
YOUTUBE: [ddprintingworld](#)



MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
TITLE: **MULDEX STRAIN RELIF ASSY** PART NO: **MULDEX-29**
QTY: 2

PRELIMINARY

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	3	M5 x 0.8	Hex Nut	
2	8	M5 x 0.8 x 10	BHCS	
3	3	M5 x 0.8 x 16	BHCS	
4	1	MULDEX-30-02	SPOOL HOLDER	ATOMIC
5	1	MULDEX-31-01	SIDE PANEL	REPKORD
6	8	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON



PROJECT SPONSORS:

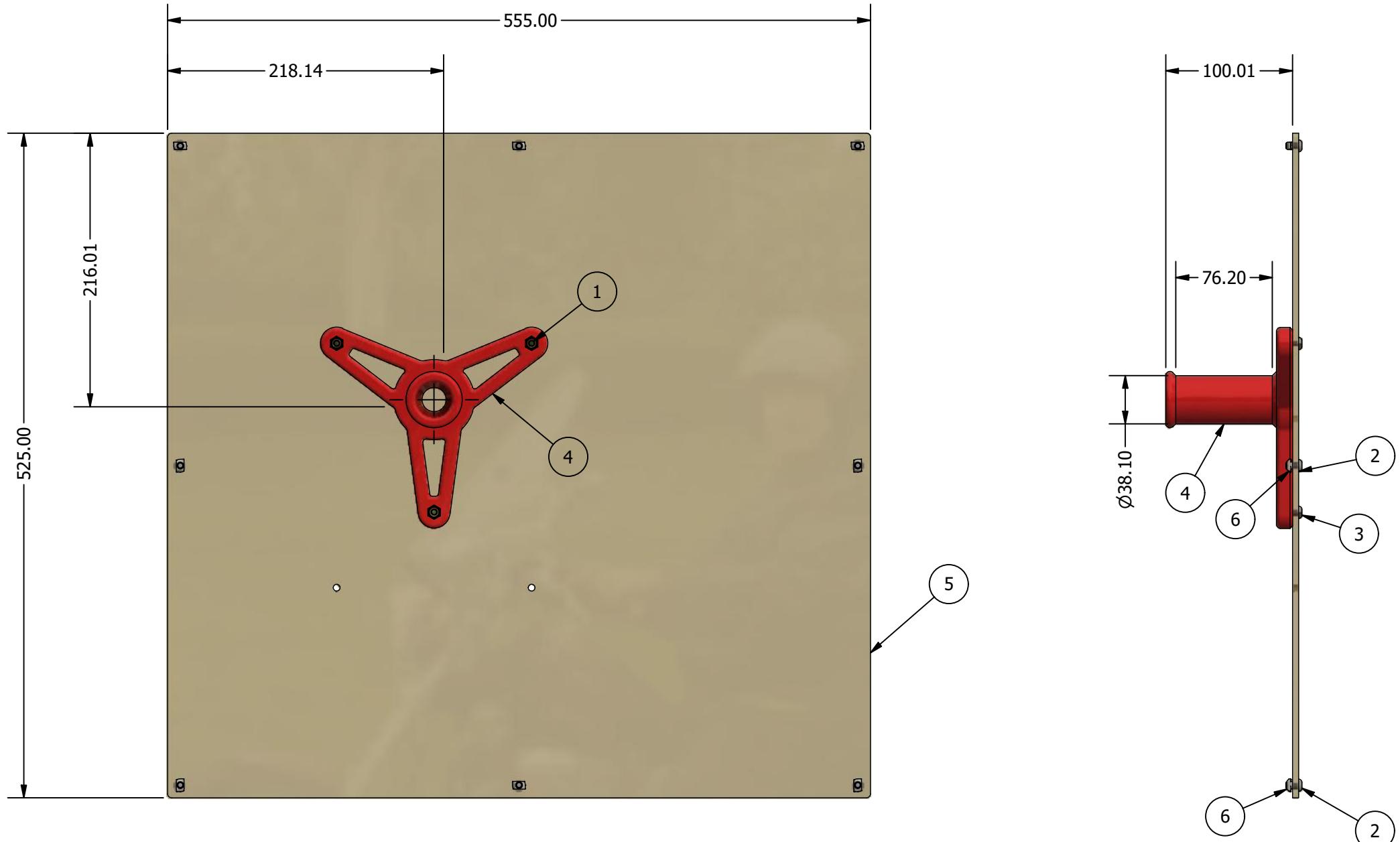
- 3D Fused
- Keenovo
- Repkord
- Zesty Tech
- Wham Bam
- LDO Motors
- Slice Engineering

CONTACT INFO:

EMAIL: mail@ddprintingworld.com
 THINGIVERSE: ddprintingworld
 TWITTER: ddworld
 YOUTUBE: ddprintingworld



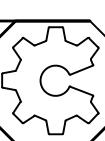
MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
 TITLE: MULDEX-30-02
 PART NO: MULDEX-30



PRELIMINARY

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	3	M5 x 0.8	Hex Nut	
2	8	M5 x 0.8 x 10	BHCS	
3	3	M5 x 0.8 x 16	BHCS	
4	8	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
5	1	MULDEX-30-02	SPOOL HOLDER	ATOMIC
6	1	MULDEX-31-01	SIDE PANEL	REPKORD



PROJECT SPONSORS:

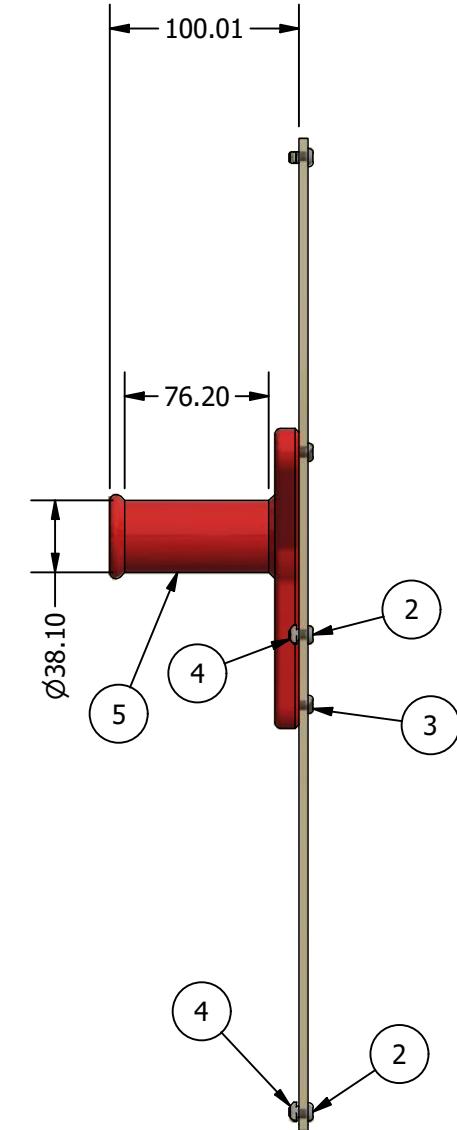
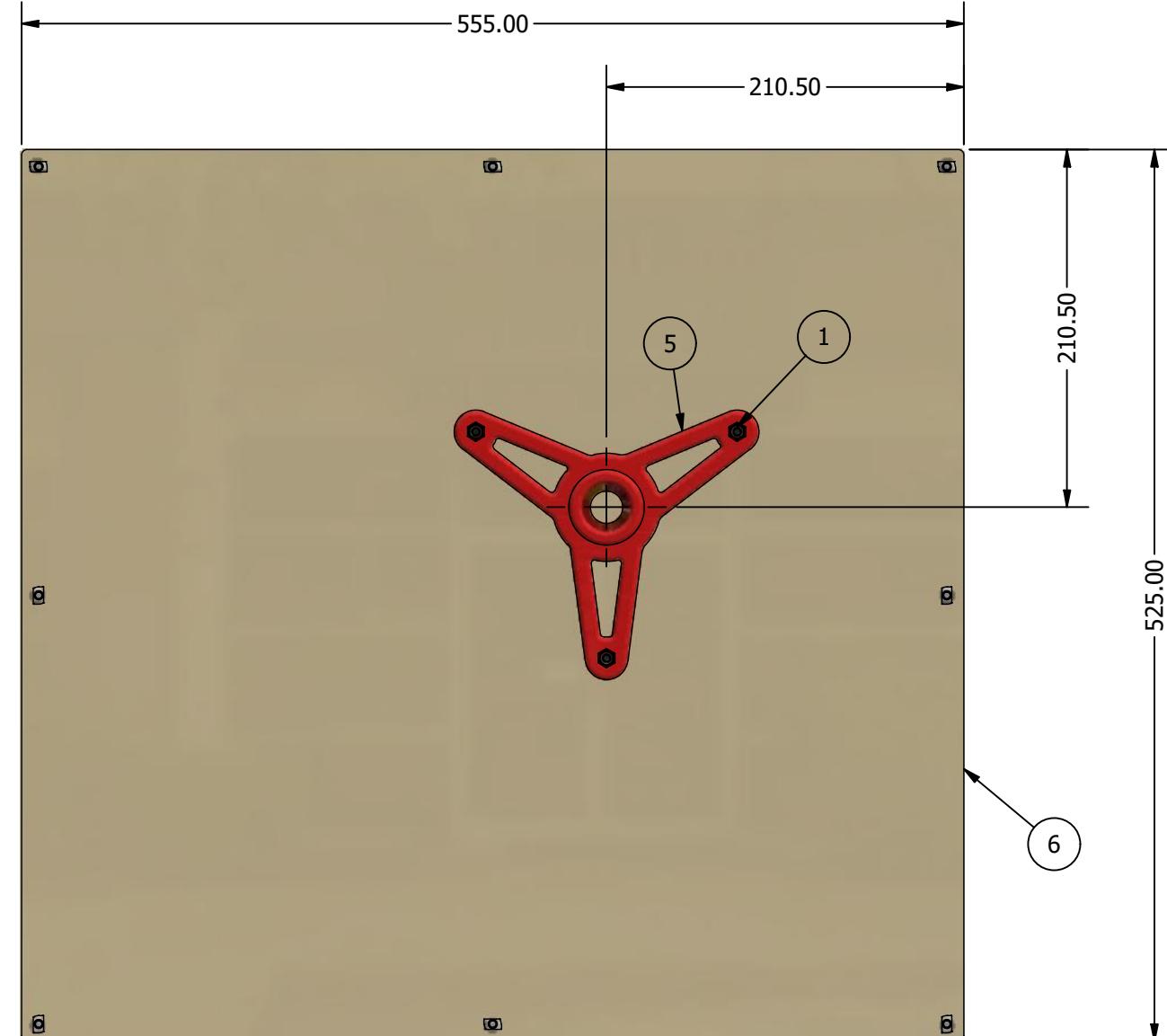
- 3D Fused
- Keenovo
- Repkord
- Zesty Tech
- Wham Bam
- LDO Motors
- Slice Engineering

CONTACT INFO:

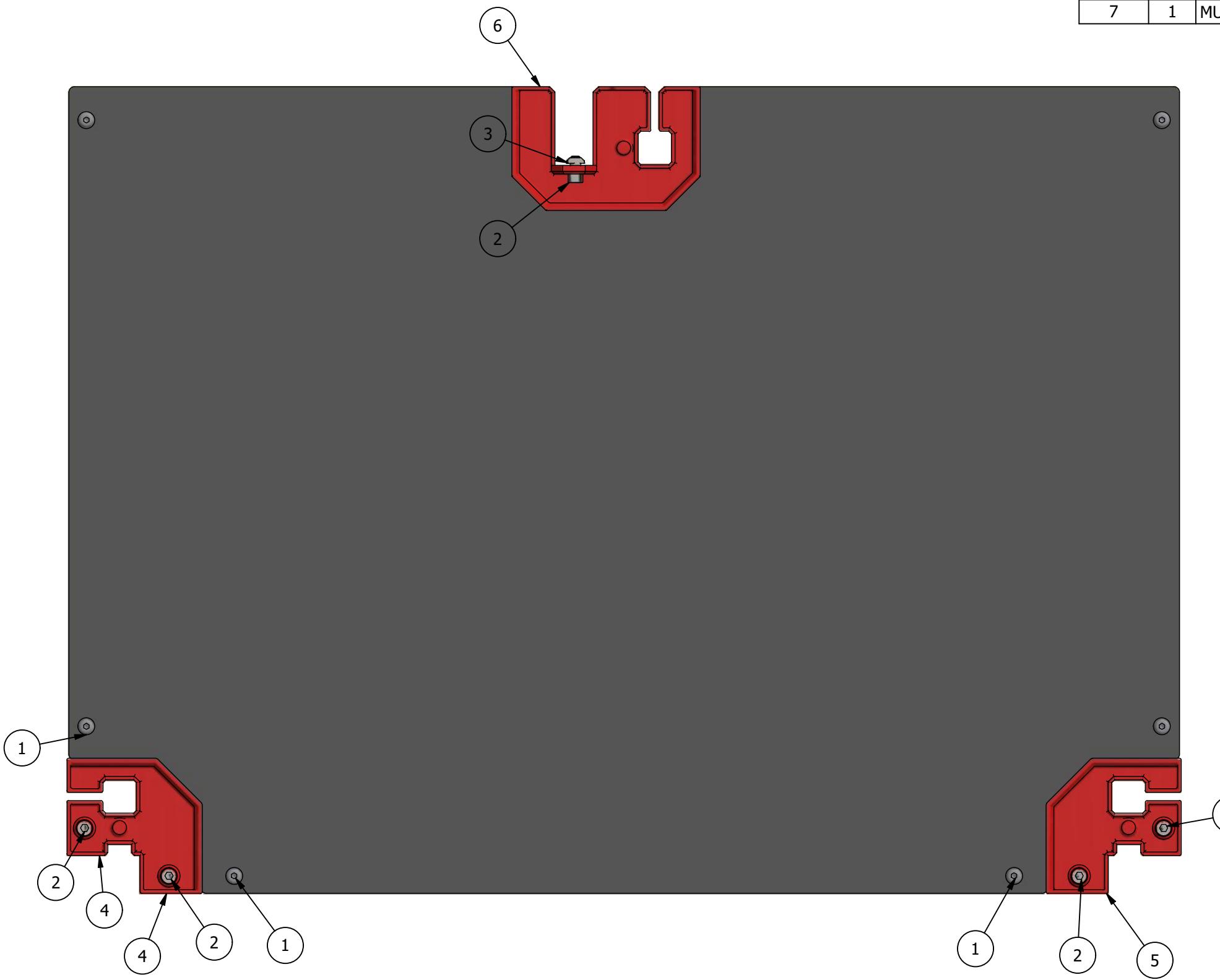
EMAIL: mail@ddprintingworld.com
 THINGIVERSE: ddprintingworld
 TWITTER: ddprintworld
 YOUTUBE: ddprintingworld



MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
 TITLE: MULDEX-30-02
 PART NO: MULDEX-31



PRELIMINARY



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	6	M5 x 0.8 x 10	BHCS	
2	5	M5x0.8 x 10	SHCS	
3	11	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
4	1	MULDEX-32-02	FRONT BELT COVER, LH	ATOMIC
5	1	MULDEX-32-03	FRONT BELT COVER, RH	ATOMIC
6	1	MULDEX-32-04	BACK BELT COVER	ATOMIC
7	1	MULDEX-32-01	BOTTOM PANNEL	REPKORD

PROJECT SPONSORS:

- Filstruder
- Zesty Tech
- LDO Motors
- Repkord
- Wham Bam
- Slice Engineering
- Keenovo
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

CONTACT INFO:
 EMAIL: mail@ddprintingworld.com
 THINGIVERSE: [ddprintingworld](#)
 TWITTER: [ddpwORLD](#)
 YOUTUBE: [ddprintingworld](#)



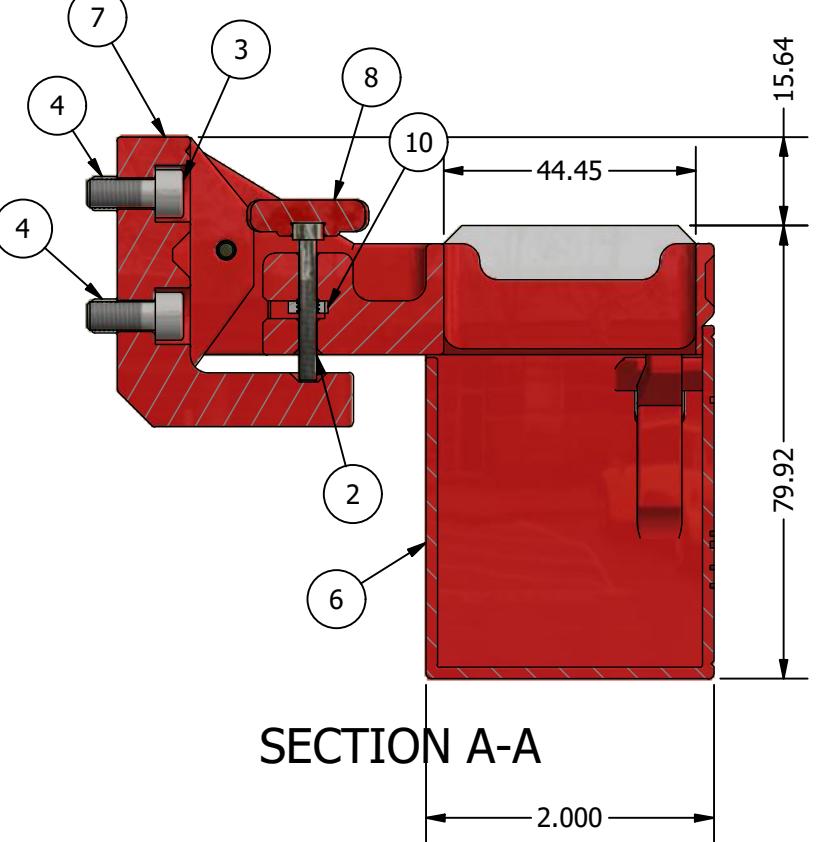
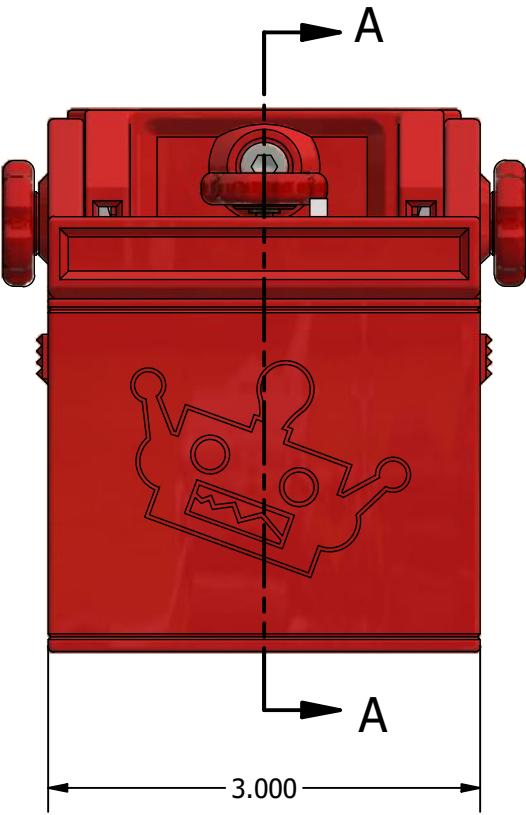
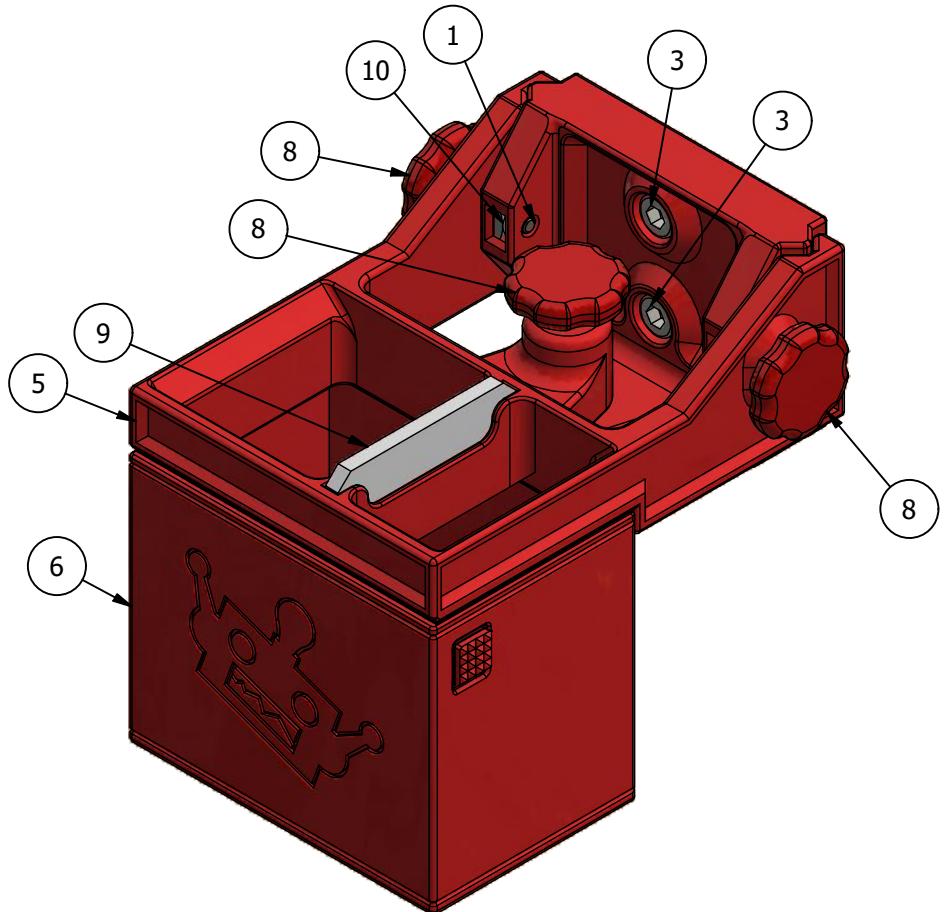
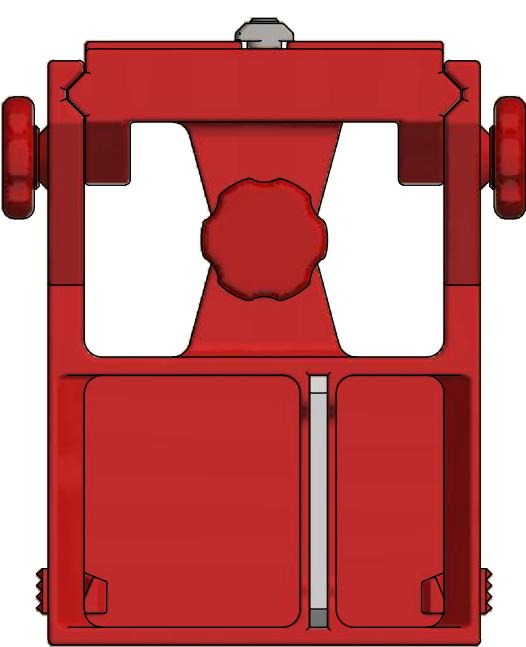
DL1-PR

REP RAP INDEX 3D PRINTER

PART NO: MULDEX-32

MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
TITLE MULDEX BOTTOM PANEL ASSY

PRELIMINARY



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	2	M3x0.5 x 16	SHCS	
2	1	M3x0.5 x 25	SHCS	
3	2	M5x0.8 x 12	SHCS	
4	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
5	1	MULDEX-33-01	SCRAPPER, FRAME	ATOMIC
6	1	MULDEX-33-02	PURGE BIN	ATOMIC
7	1	MULDEX-33-03	SCRAPER BASE	ATOMIC
8	3	MULDEX-33-04	SCRAPER KNOB	ATOMIC
9	1	1462N24	SILICONE 1/8" X 3/4" CUT TO 1-3/4" LG.	MCMASTER
10	3	97258A102	M4 SQ. NUT	MCMASTER

PROJECT SPONSORS:

- Filstruder
- Zesty Tech
- LDO Motors
- Keenovo
- RepRap
- Wham Bam
- Capricorn
- Buildtak
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

CONTACT INFO:
 EMAIL: mailto:ddprintingworld.com
 THINGIVERSE: [ddprintingworld](#)
 TWITTER: [ddprintingworld](#)
 YOUTUBE: [ddprintingworld](#)

3D PRINTING
3DPrintWorld

MULDEX REP RAP INDEX 3D PRINTER DL1-PR
 TITLE: SCRAPER ASSEMBLY, U-AXIS
 PART NO: MULDEX-33

PRELIMINARY



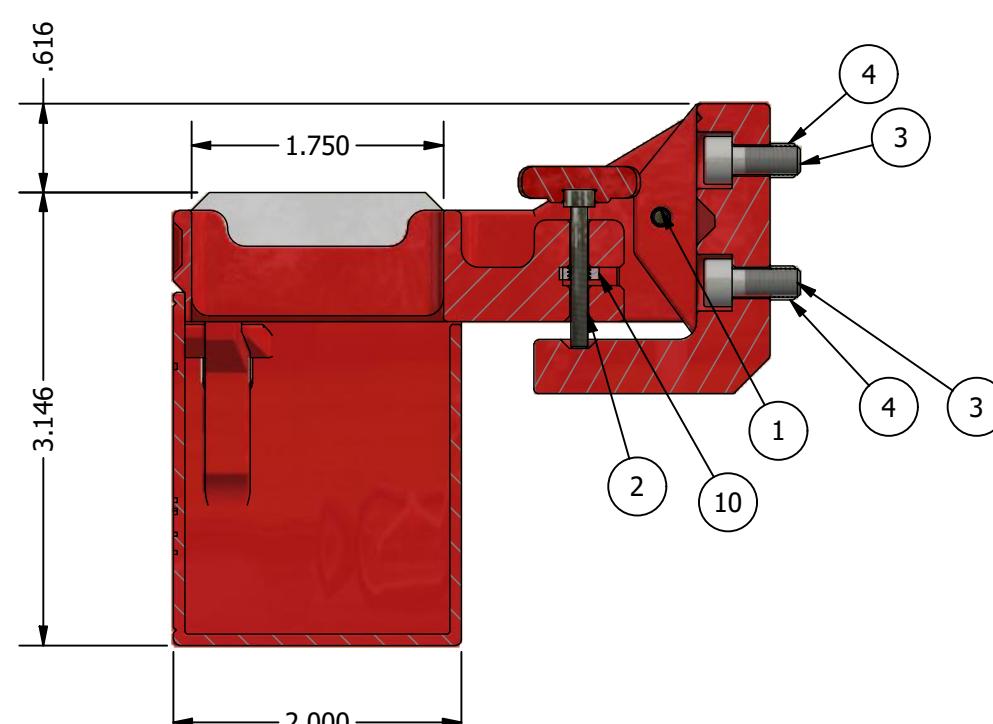
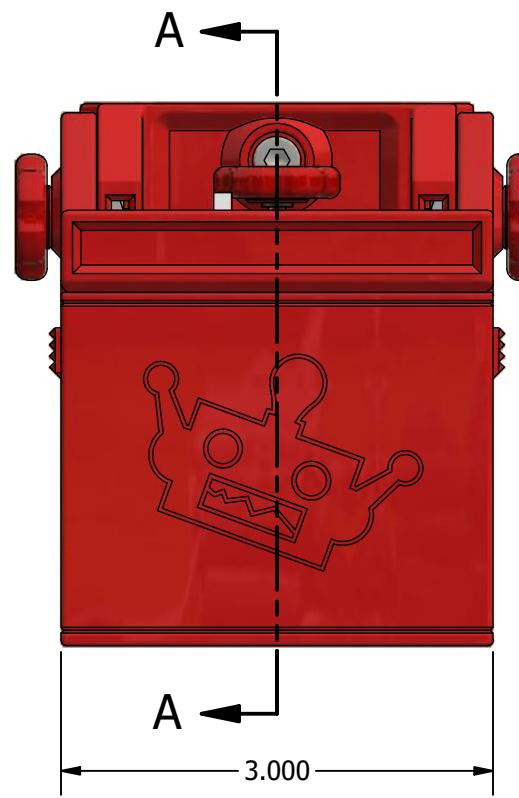
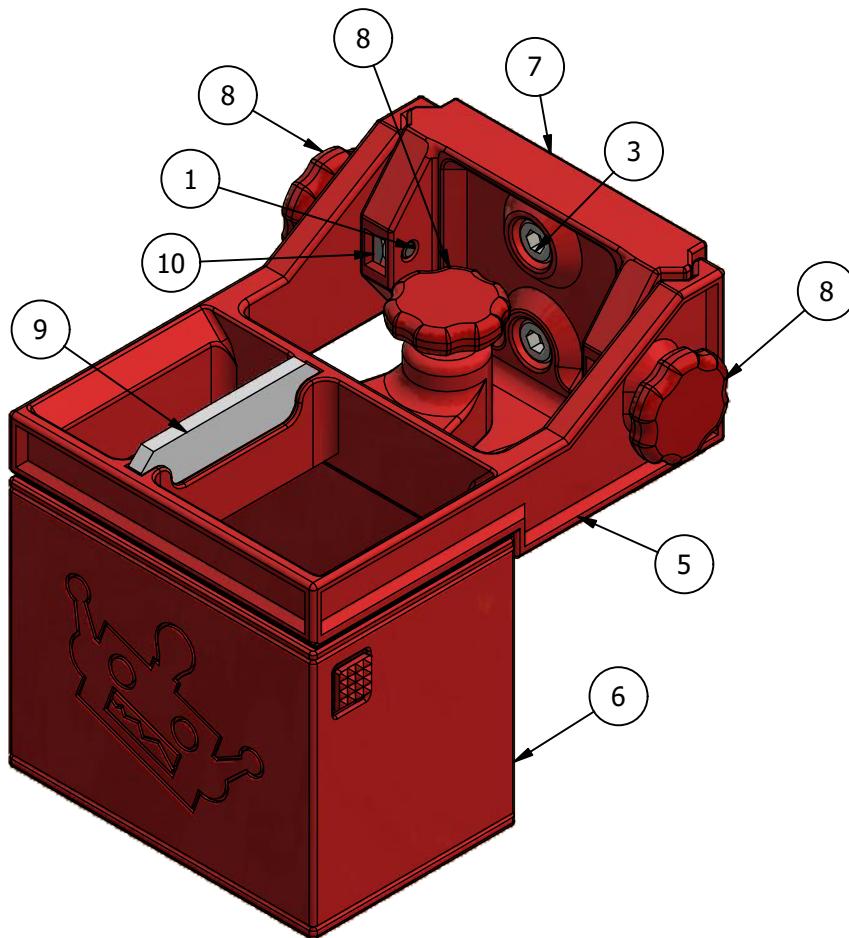
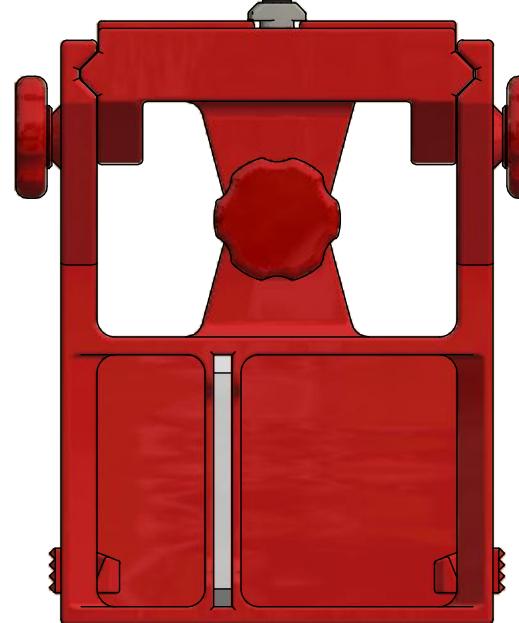
PROJECT SPONSORS:

- Filastriuder
- Zesty Tech
- LDO Motors
- Keenovo
- RepRap
- Wham Bam
- Slice Engineering
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

CONTACT INFO:
 EMAIL: mail@ddprintingworld.com
 THINGIVERSE: [ddprintingworld](#)
 TWITTER: [ddpw](#)
 YOUTUBE: [ddprintingworld](#)



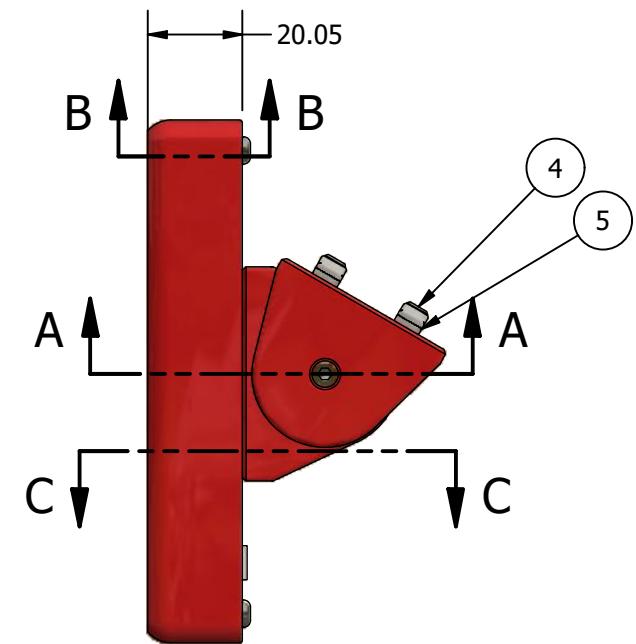
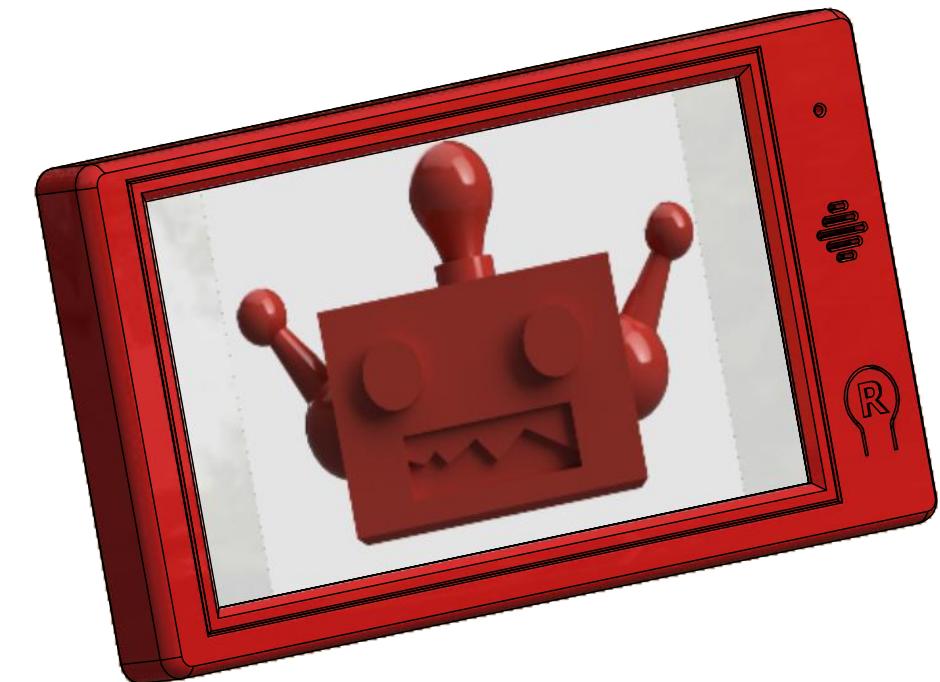
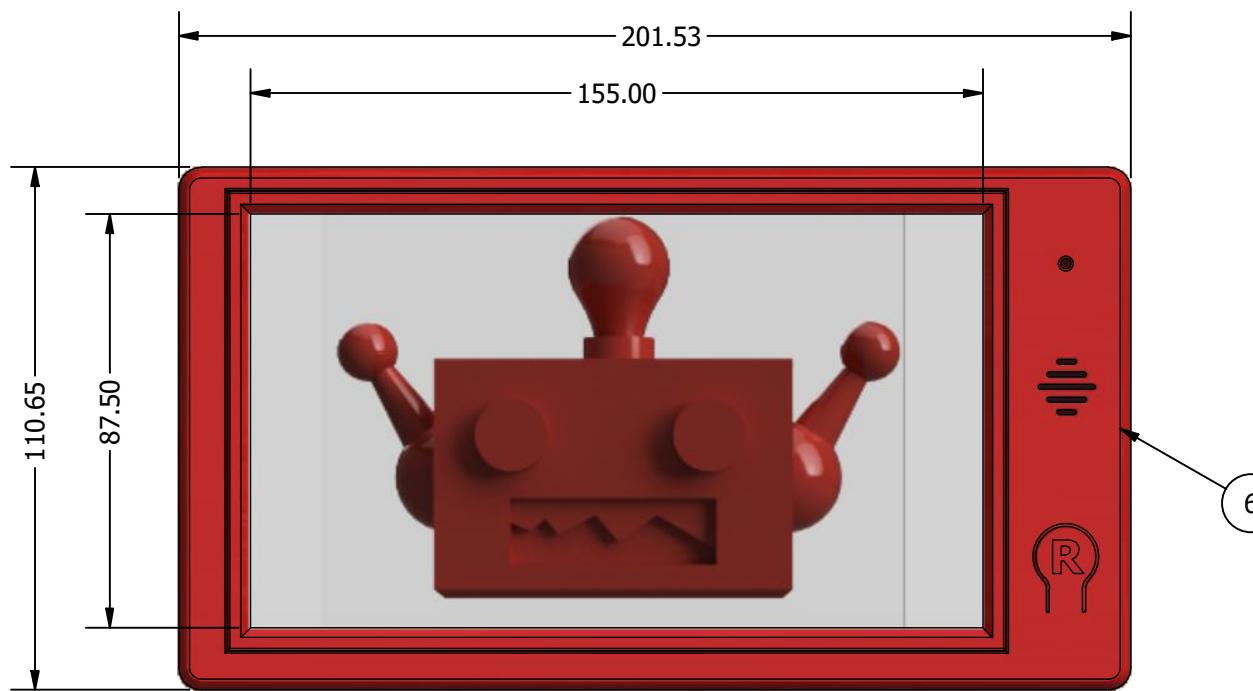
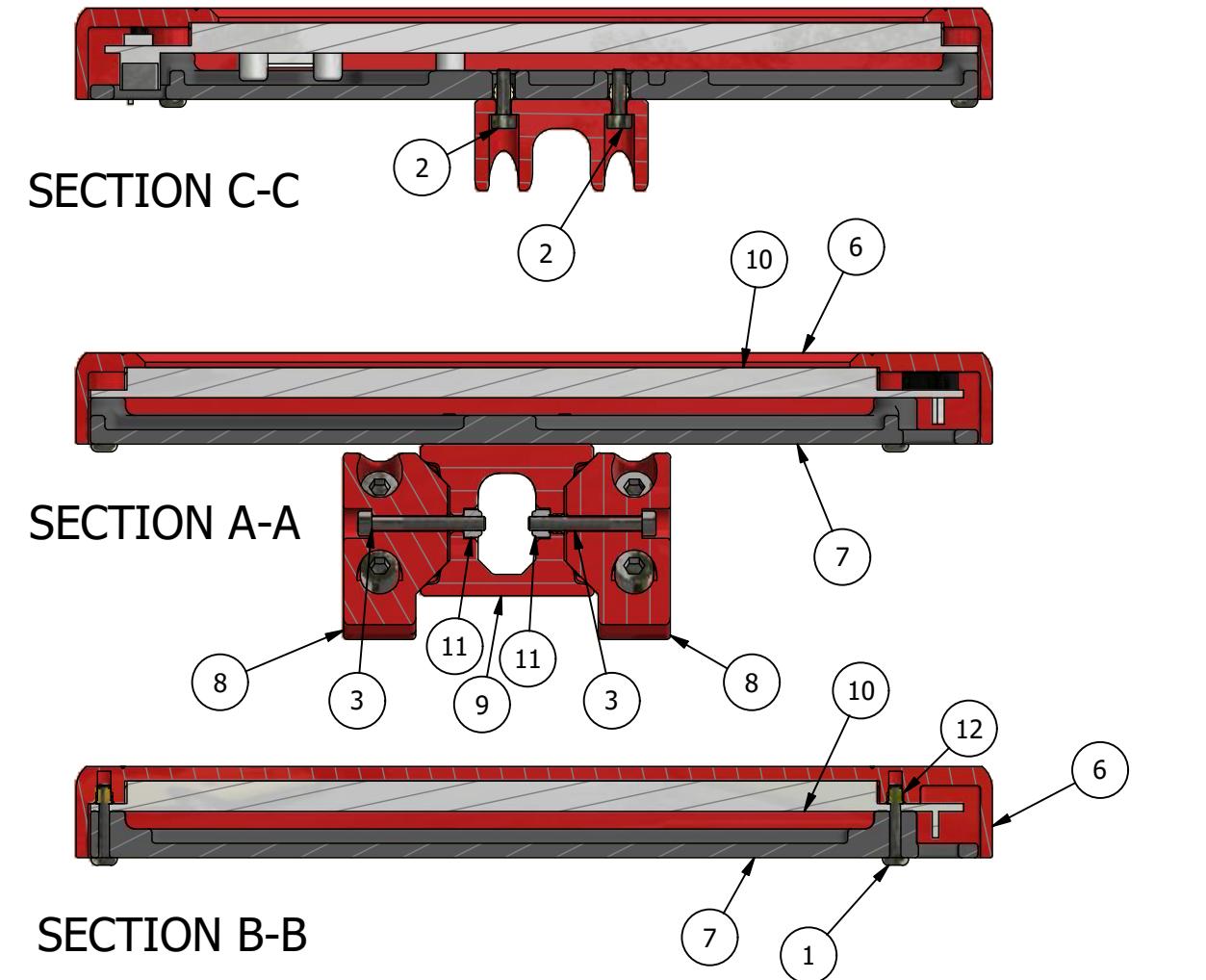
MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
TITLE SCRAPPER ASSY, X-AXIS **PART NO:** MULDEX-34



SECTION A-A

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	2	M3x0.5 x 16	SHCS	
2	1	M3x0.5 x 25	SHCS	
3	2	M5x0.8 x 12	SHCS	
4	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
5	1	MULBOT-34	SCRAPPER, FRAME X-AXIS	ATOMIC
6	1	MULDEX-33-02	PURGE BIN	ATOMIC
7	1	MULDEX-33-03	SCRAPPER BASE	ATOMIC
8	3	MULDEX-33-04	SCRAPER KNOB	ATOMIC
9	1	1462N24	SILICONE 1/8" X 3/4" CUT TO 1-3/4" LG.	MCMASTER
10	3	97258A102	M4 SQ. NUT	MCMASTER

PRELIMINARY



PRELIMINARY

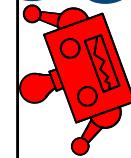
Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	4	M3 x 0.5 x 16	SHCS	
2	4	M3x0.5 x 10	SHCS	
3	2	M3x0.5 x 25	SHCS	
4	4	M5x0.8 x 16	SHCS	
5	4	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
6	1	MULDEX-35-01	PANEL, BEZEL	ATOMIC
7	1	MULDEX-35-02	PANEL, BACK PLATE	ATOMIC
8	2	MULDEX-35-03	PANEL, BASE BRACKET	ATOMIC
9	1	MULDEX-35-04	PANEL, MOUNTING CLEVIS	ATOMIC
10	1	7i	DUET 3D, PANELDUE	FILASTRUDER
11	2	93625A100	M3 NYLOCK	MCMASTER
12	9	IUB-M3-1	M3 HEAT SET INSERT, MINI	PEM

PROJECT SPONSORS:

- Filastruder
- Zesty Tech
- LDO Motors
- Keenovo
- Repkord
- Wham Bam
- Slice Engineering
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

CONTACT INFO:
EMAIL: mail@ddprintingworld.com
THINGIVERSE: [ddprintingworld](#)
TWITTER: [ddprintingworld](#)
YOUTUBE: [ddprintingworld](#)

3D PRINTING WORLD



MULDEX REP RAP INDEX 3D PRINTER DL1-PR
TITLE DUET PANEL
PART NO: MULDEX-35



Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	1	LED		
2	2	M5x0.8 x 10	SHCS	
3	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
4	1	MULDEX-36-01	LIGHT END BRACKET, RH	ATOMIC
5	1	MULDEX-36-02	LIGHT END BRACKET, LH	ATOMIC

PROJECT SPONSORS:

- Filastruder
- Zesty Tech
- LDO Motors

- Keenovo
- Repkord
- Wham Bam

- Capricorn
- Buildtak

- 3D Fused

- Atomic Filament

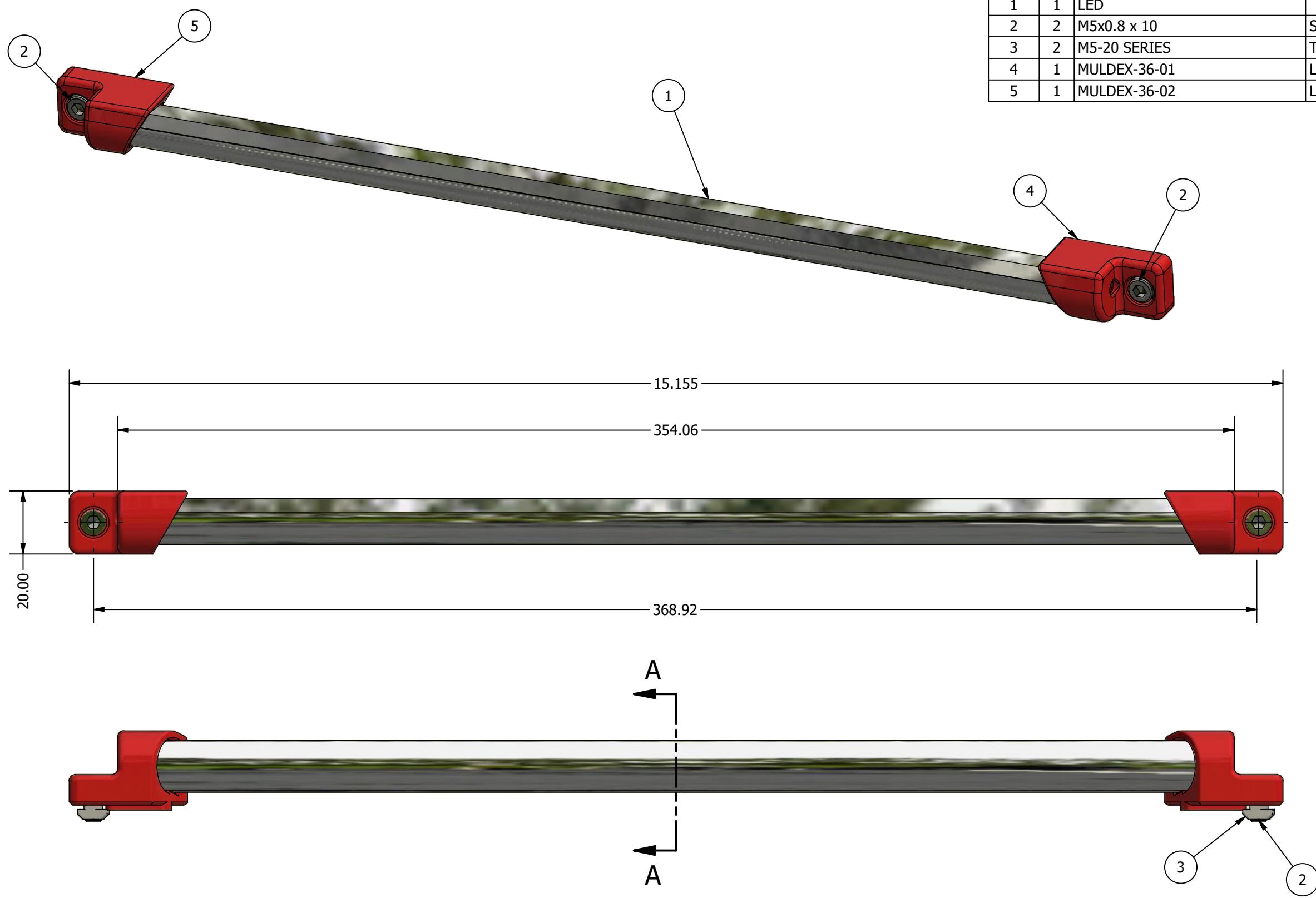
- Capricorn

- Buildtak

- 3D Printing World

- Thingiverse

- Dd3D



SECTION A-A

PRELIMINARY

MULDEX REP RAP INDEX 3D PRINTER **DL1-PR**
 TITLE **MULDEX**
 LIGHT BAR ASSEMBLY

PART NO:
MULDEX-36

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	2	M3x0.5 x 8	SHCS	
2	2	M3 x 0.5	Hex Nut	
3	2	M5x0.8 x 16	SHCS	
4	2	M5-20 SERIES	T-NUT, TWIST LOCK	AMAZON
5	1	MULDEX-37-01	Y-AXIS SWITCH BRACKET	ATOMIC
6	1	HORIZONTAL	LIMIT SWITCH	N/A



PROJECT SPONSORS:

- Filstruder
- Zesty Tech
- LDO Motors
- Keenovo
- RepRap
- Wham Bam
- Slice Engineering
- 3D Fused
- Atomic Filament
- Capricorn
- Buildtak

CONTACT INFO:
 EMAIL: mail@ddprintingworld.com
 THINGIVERSE: ddprintingworld
 TWITTER: ddprintworld
 YOUTUBE: ddprintingworld



3D PRINTING WORLD

MULDEX REP RAP INDEX 3D PRINTER DL1-PR
 TITLE: MULDEX-37
 PART NO: MULDEX-37
 Y-AXIS STOP, RH

PRELIMINARY

