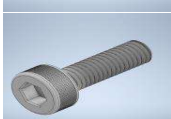
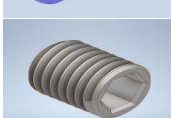
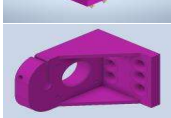
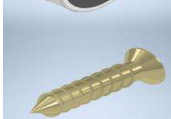


Item	Part Number	Thumbnail	QTY
1	Wood Panel 763x446mm		1
2	Y Movement Motor Assembly		2
2.1	Y Movement Motor/Bearing Holder Plastic Body		1
2.2	Wood Screw		7
2.3	Nema17 Stepper Motor		1
2.4	M3x10mm Screw		4
2.5	5mm to 8mm Fixed/Rigid Coupler		1
2.6	Grub Screw		4
3	Y Movement Bearing Assembly		2
3.1	Y Movement Motor/Bearing Holder Plastic Body		1
3.2	608-2Z Bearing		1
3.3	Wood Screw		7
4	8mm Diameter Rod 600mm		4
5	X Movement Bearing Assembly		1
5.1	608-2Z Bearing		1
5.2	X Movement Motor/Bearing Holder Plastic Body		1

5.3 LM8UU Bearing

5.4 T8 Nut for Threaded Rod

5.5 Wood Screw

6 X Movement Motor Assembly

6.1 X Movement Motor/Bearing Holder Plastic Body

6.2 LM8UU bearing

6.3 T8 Nut for Threaded Rod

6.4 Wood Screw

6.5 Nema17 Stepper Motor

6.6 M3x10mm Screw

6.7 5mm to 8mm Fixed/Rigid Coupler

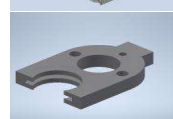
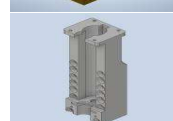
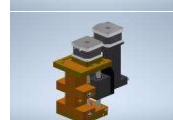
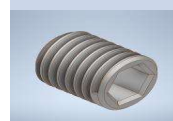
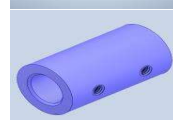
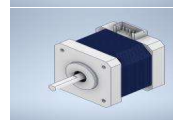
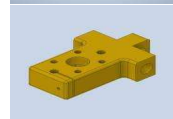
6.8 Grub Screw

7 8mm Diameter Threaded Rod 400mm

8 Extruder Assembly

8.1 Syringe Holder Plastic Body

8.2 Syringe Plunger Holder



2

1

5

1

1

2

1

5

1

4

1

4

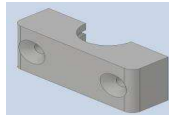
3

1

1

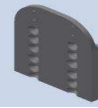
1

8.3 Syringe Press



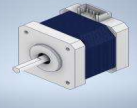
1

8.4 Holder Z Movement Spacer



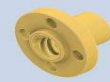
1

8.5 Nema17 Stepper Motor



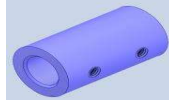
2

8.6 T8 Nut for Threaded Rod



3

8.7 5mm to 8mm Fixed/Rigid Coupler



2

8.8 Grub Screw



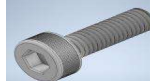
8

8.9 8mm Diameter Threaded Rod 90mm



1

8.10 M3x10mm Screw



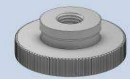
5

8.11 M3x25mm Threaded Rod



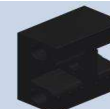
2

8.12 M3 Knurled Nut



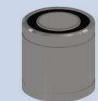
3

8.13 Holder Z Movement Plastic Body



1

8.14 LM8UU Bearing



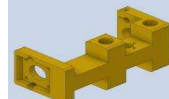
8

8.15 Wood Screw



10

8.16 Extruder Carrier Plastic Body



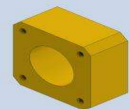
1

8.17 608-2Z Bearing

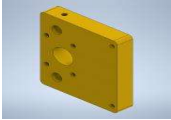




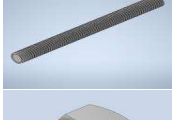
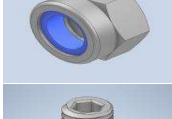
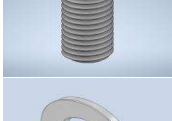

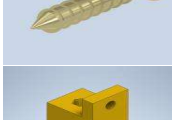
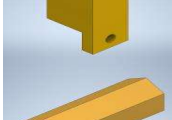
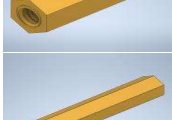
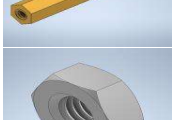
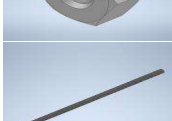
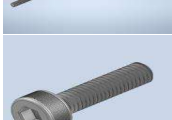
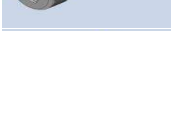


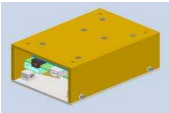

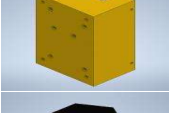
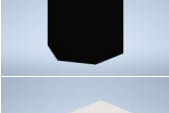
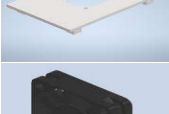

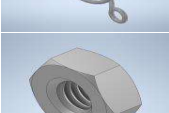





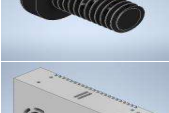
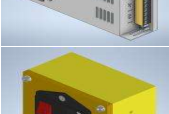


1

8.18 Stepper Motor Spacer

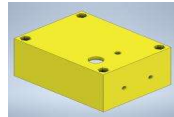


1

8.19	Plastic Rod Screw Holder		1
8.20	Extruder Carrier Plastic Protective Cover		1
8.21	8mm Diameter Rod 155mm		2
8.22	8mm Diameter Threaded Rod 150mm		1
8.23	Long Wood Screw		4
8.24	M3x35mm Threaded Rpd		4
8.25	M3 Nylon Lock Nut		6
8.26	M4x10mm Grub Screw		4
8.27	M3 Washer		5
8.28	Wood Screw		10
8.29	Z Movement Limit Switch Screw Plastic Body		1
8.30	M3x15mm Internal Thread Spacer		1
8.31	M3x35mm Internal Thread Spacer		1
8.32	M3 Nut		2
8.33	M3x100mm Threaded Rod		1
8.34	M3x12mm Screw		2

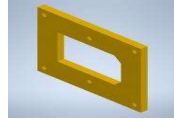
9	Arduino Case Assembly		1
9.1	Arduino MEGA 2560 and RAMPS Shield		1
9.2	Arduino Case Body		1
9.3	M3x10mm Internal Thread Plastic Spacer		6
9.4	Arduino Case Cover		1
9.5	40x40x10mm 12V Fan		1
9.6	Fan Grill for 40mm Fan		1
9.7	M3 Nut		8
9.8	M3x16mm Screw		4
9.9	M3 Washer		12
9.10	M3x20mm Screw		4
9.11	M3 Spring Washer		4
9.12	M3x6mm Countersunk Screw		6
9.13	M3x6mm Plastic Screw		6
10	Power Supply S-360-12		1
11	Power Connector and Switch Assembly		1

11.1 Connector Case



1

11.2 Connector Case Cover



1

11.3 Power Connector with integrated Switch



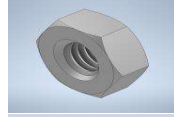
1

11.4 M3x10mm Countersunk Screw



2

11.5 M3 Nut



6

11.6 M3 Washer



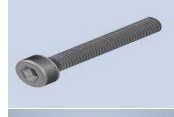
6

11.7 M3 Spring Washer



2

11.8 M3x20mm Screw



4

12 25x25mm Metal Angle Bracket



1

13 M3x25mm Screw



2

14 M3 Washer



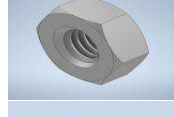
4

15 M3 Spring Washer



2

16 M3 Nut



2

17 M4 Washer



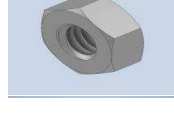
36

18 M4 Spring Washer




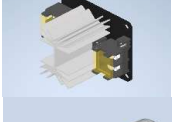
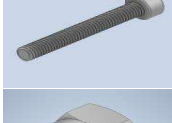
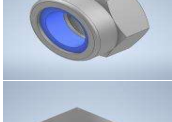
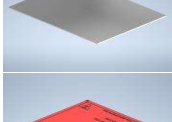
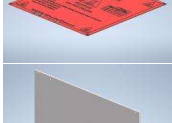
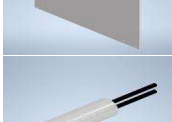
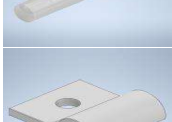
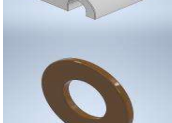
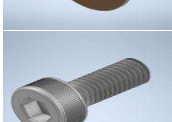
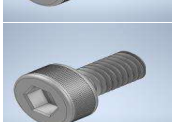
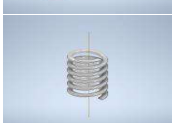




6

19 M4 Nut



6

20	M4x12mm Screw		1
21	M4x25mm Screw		5
22	M4x20mm Screw		4
23	Heated Bed Driver		1
24	M4x30mm Screw		4
25	M4 Nylon Lock Nut		12
26	Heated Bed Assembly		1
26.1	Heating Element Board		1
26.2	Heated Bed Aluminum Plate		1
26.3	Temperature Sensor		1
26.4	Temperature Sensor Bracket/Press		1
26.5	M3 Isolator/Plastic Washer		1
26.6	M3x8mm Screw		1
26.7	M3x6mm Screw		4
27	Spring		4
28	M4x40mm Screw		4

29 M4 Wing Nut

30 Needle Parking Assembly

30.1 Needle Parking Plastic Body

30.2 Bottle Cap

30.3 Wood Screw

31 Adhesive Rubber Pad

32 X Movement Limit Switch Assembly

32.1 X Limit Switch Plastic Body

32.2 M3 Nut

32.3 M3x12mm Screw

32.4 MakerBot Limit Switch Board

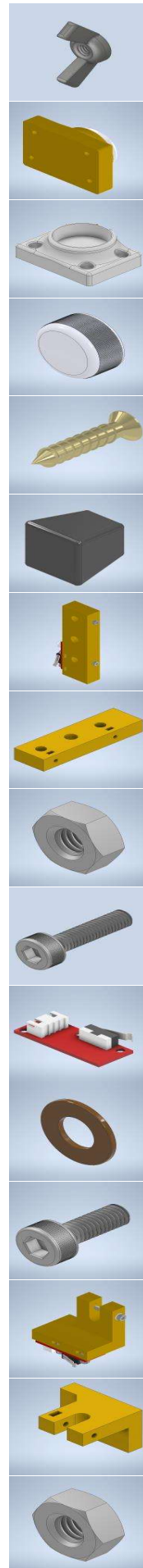
32.5 M3 Isolator/Plastic Washer

32.6 M3x8mm Screw

33 Y Movement Limit Switch Assembly

33.1 Y Limit Switch Plastic Body

33.2 M3 Nut



4

1

1

1

4

6

1

1

4

2

1

6

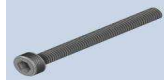
2

1

1

3

33.3 M3x30mm Screw



1

33.4 M3 Washer



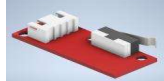
1

33.5 M3 Plastic/Isolator Washer



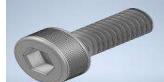
6

33.6 MakerBot Limit Switch Board



1

33.7 M3x8mm Screw



2

34 Z Movement Limit Switch Assembly



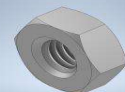
1

34.1 Z Limit Switch Plastic Body



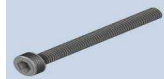
1

34.2 M3 Nut



4

34.3 M3x30mm Screw



2

34.4 M3 Washer



2

34.5 M3 Plastic/Isolator Washer



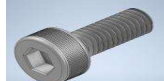
4

34.6 MakerBot Limit Switch Board



1

34.7 M3x8mm Screw



2

35 Cable Duct 18x430mm



1

36 Cable Duct 18x195mm



1

37 Cable Duct 18x394mm



1

38 Cable Duct 18x205mm



1

39 Cable duct 18x159mm



1

40 Cable duct 18x180mm



1