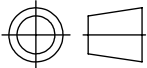


Format	Zone	Position	Mark	Name	Amount	Note.	
				Documents			
A1			VG TU BM 19 25 00 01 00 AD	Assrmbly of 3d printer			
				Subassemblies			
			VG TU BM 19 25 00 02 00 AD	Container Plate Assembly			
			VG TU BM 19 25 00 13 00 AD	Build Plate Assembly-1			
			VG TU BM 19 25 00 28 00 AD	Gantry Assembly			
			VG TU BM 19 25 00 31 00 AD	Bottom leg assembly			
			VG TU BM 19 25 00 37 00 AD	Feeding Assembly			
			VG TU BM 19 25 00 38 00 AD	Build Plate Assembly-2			
				Parts			
		1	VG TU BM 19 25 00 01 01 GD	Powder Container	1		
		2.1	VG TU BM 19 25 00 02 01 GD	Powder Plate	1		
		2.2	VG TU BM 19 25 00 02 02 GD	Powder Plate Holder	1		
		2.3	VG TU BM 19 25 00 02 03 GD	Powder Plate Shaft	6		
		2.4	VG TU BM 19 25 00 02 04 GD	Powder Motor Plate	1		
		3	VG TU BM 19 25 00 01 03 GD	Powder Shaft Holder Bottom	1		
		12	VG TU BM 19 25 00 01 12 GD	Part Container-1	1		
		13.1	VG TU BM 19 25 00 13 01 GD	Build plate holder-1	1		
		13.2	VG TU BM 19 25 00 13 02 GD	Build Plate-1	1		
		13.3	VG TU BM 19 25 00 13 03 GD	Build Motor Plate-1	1		
		13.4	VG TU BM 19 25 00 13 04 GD	Build Plate Shaft-1	1		
		18	VG TU BM 19 25 00 01 18 GD	Part Container-2	1		
		18.1	VG TU BM 19 25 00 18 01 GD	Build plate holder-2	1		
		18.2	VG TU BM 19 25 00 18 02 GD	Build Plate-2	1		
		18.3	VG TU BM 19 25 00 18 03 GD	Build Motor Plate-2	1		
		18.4	VG TU BM 19 25 00 18 04 GD	Build Plate Shaft-2	1		
		18.5	VG TU BM 19 25 00 18 05 GD	Build Shaft Holder Botoom-2	1		
		19	VG TU BM 19 25 00 01 19 GD	Storage Container	1		
		24	VG TU BM 19 25 00 01 24 GD	Feeding Deck	1		
		File no. 1	Additional information		Material		Scale
Responsible agency MEMD		Consultant		Document type Specification Sheet		Document status Educational	
Owner VG TU MPfuc-15		Compiled HARI SHANKAR GOVINDASAMY		Title Design of 3d-Printer		Mark VG TU BM 19 25 00 00 00 TS	
		Checked Dr., Prof., SIGITAS PETKEVICIUS				Rev. 0	Date 29.05.2019

Format	Zone	Position	Mark	Name	Amount	Note.
				Parts		
		25	VGTU BM 19 25 00 01 25 GD	Build Area Cover	1	
		26	VGTU BM 19 25 00 01 26 GD	Main Clamp	1	
		27	VGTU BM 19 25 00 01 27 GD	Sintering Deck	1	
		28.3	VGTU BM 19 25 00 28 03 GD	Holding Clamp	2	
		28.4	VGTU BM 19 25 00 28 04 GD	Clamp	2	
		28.6	VGTU BM 19 25 00 28 06 GD	Centre Holder	2	
		28.7	VGTU BM 19 25 00 28 07 GD	Rail Holder	4	
		28.8	VGTU BM 19 25 00 28 08 GD	Lasser Holder	2	
		28.13	VGTU BM 19 25 00 28 13 GD	Motor Holder	2	
		28.14	VGTU BM 19 25 00 28 14 GD	Pully Holder	2	
		29	VGTU BM 19 25 00 01 29 GD	Door Left	1	
		30	VGTU BM 19 25 00 01 30 GD	Door Right	1	
		31	VGTU BM 19 25 00 01 31 GD	Gantry Cover Top	1	
		33	VGTU BM 19 25 00 01 33 GD	Front Cover	2	
		34	VGTU BM 19 25 00 01 34 GD	Side Cover	2	
		35	VGTU BM 19 25 00 01 35 GD	Hing Upper Body Opener	2	
		36	VGTU BM 19 25 00 01 36 GD	Hing Upper Body Holder	2	
		37.1	VGTU BM 19 25 00 37 01 GD	Shaft Holder 10mm	2	
		37.5	VGTU BM 19 25 00 37 05 GD	Feeder	1	
		38	VGTU BM 19 25 00 01 38 GD	Shaft Connector	2	

	File no. 1	Additional information		Material			Scale	
Responsible agency MEMD	Consultant		Document type Specification Sheet			Document status Educational		
Owner VGTU MPfuc-15	Compiled HARI SHANKAR GOVINDASAMY		Title Design of 3d-Printer		Mark VGTU BM 19 25 00 00 00 TS			
	Checked Dr., Prof., SIGITAS PETKEVICIUS				Rev. 0	Date 29.05.2019	Lan. En.	Sheet 2/3

Format	Zone	Position	Mark	Name	Amount	Note.	
				Standard Parts			
		2.5	IS 7485 Screw	IS 7485 - M4 X 25 - Z -- 25N	4		
		4	IS 7046 Screw	ISO 7046-1 - M4 X 40 - Z - 40C	6		
		5	TR8X8-4 Lead screw	TRAPEZOIDAL LEAD SCREW TR8X8-4	1		
		7	TR8X8 Lead nut	LEADSCREW NUT	1	8x2mm	
		8	IS 7485 Screw	IS 7485 - M3 X 20 - Z -- 20C	16		
		9	IS 7485 Screw	IS 7485 - M4 X 20 - Z -- 20N	24		
		10	IS 2269 Screw	IS 2269 - M3 X 16-N	8		
		11	IS 7485 Screw	IS 7485 - M4 X 16 - Z -- 16C	2		
		13.5	ISO 7046 Screw	ISO 7046-1 - M4 X 20 - Z - 20C	1		
		15	IS 7485 Screw	IS 7485 - M4 X 20 - Z -- 20C	44		
		16	IS 2269 Screw	IS 2269 - M3 X 16-C	4		
		17	IS 7485 Screw	IS 7485 - M3 X 20 - Z -- 20N	8		
		20	IS 2269 Screw	IS 2269 - M5 X 20-N	36		
		21	IS 1364 Screw	IS 1364-4 - M5-N	36		
		22	IS 2269 Screw	IS 2269 - M5 X 20-C	12		
		23	IS 15581 Bolt	IS 15581 - M5-C	6		
		28.1	Y-axis rail	Y-axis rail-1	2		
		28.2	Guideway	Guide	6		
		28.5	X-axis rail	X-axis rail-2	2		
		28.9	IS 2269 Screw	IS 2269 - M2 X 3-N	9		
		28.10	Laser	Laser	2		
		28.11	Nema 17 motor	Nema 17 motor	2		
		28.12	Pully	Pully	2	5mm	
		28.15	Belt-1	Belt-1	1		
		28.16	Belt-2	Belt-2	1		
		31.1	Weldment Profile	Weldment Profile	8		
		31.2	Bearing	Bearing	4	10mm	
		37.3	Feeding Lead screw	Feeding Lead screw	1	10mm	
		37.4	Feeding shaft	Feeding shaft	1	10mm	
		37.6	LU10mm Bearing	LU10mm Bearing	2	10mm	
		File no. 1	Additional information		Material		Scale
Responsible agency MEMD		Consultant		Document type Specification Sheet		Document status Educational	
Owner VGTU MPfuc-15		Compiled HARI SHANKAR GOVINDASAMY		Title Design of 3d-Printer		Mark VGTU BM 19 25 00 00 00 TS	
		Checked Dr., Prof., SIGITAS PETKEVICIUS				Rev. 0	Date 29.05.2019