

Carbon tubes

Alternative 1 (D1 standard): 3x 30x26x863 mm

Alternative 2 (D1 extended): 3x 30x26x1063 mm

9x 22x18x450 mm

3x 22x18x225 mm

6x 6x4x348 mm

Item	Description	Source	Qty.
GT2 Kit	3x 2m GT2 Zahnriemen, 6x GT2 20 Pulley	www.ebay.de	1
Shoulder bolts	GMSB4-20 / 34-02-E6	www.misumi.de	3
Set Screws	M3x 30 10x	www.ebay.de	1
Extruder	1.75 mm Bondtech QR	www.bondtech.se	1
Silicone bed heater + SSR	230V / 480W Silikonheizmatte + 230V / 10A SSR	www.filafarm.de	1
PSU	Meanwell RS-100-24 24V/108W	www.ebay.de	1
Cast aluminium heated bed	6mm Cast aluminium custom made	http://www.bam-maschinenbau.de	1
Bearings	F624ZZ	www.ebay.de	10
Bearings	604ZZ	www.ebay.de	4
Alternative 1: Controller / Display	Azteeg X5 mini, mini Viki, 4x SureSepr SD2210	www.panucatt.com	1
Alternative 2: Controller / Display	Cohesion3D Remix, GLCD, 4-6x TMC2100/2208 (2208 for 2208)	www.panucatt.com	1
Alternative 3: Controller / Display	Cohesion3D mini, GLCD, 4x TMC2100/2208 (2208 for 2208)	www.panucatt.com	1
Alternative 4: Controller / Display	Smoothieboard 1.1, GLCD Display	http://smoothieware.org/getting-sm	1
Alternative 5: Controller / Display	DuetEthernet or Wifi, Panel Due 7"	https://www.duet3d.com	1
Raspberry Pi 3 B+	Optional but highly recommended	https://www.raspberrypi.org/produ	1
SN04 Sensor	SN04-N Sensor	www.aliexpress.com	1
Filament	5kg Green-TEC	www.extrudr.com	1
Ball joints	KBRM-03 M4 MH Igubal ball joint	www.igus.de	12
Alternative 1: Bushings	6x Igus RJUM-11-12	www.igus.de	6
Alternative 2: Bushings	6x sintered bronze bushing 16x12x25 mm	www.ebay.de	6
M2.5 Inserts	KVT M2.5 MULTISERT	http://www.kvt-fastening.de	6
M3 Insert	KVT M3 MULTISERT	http://www.kvt-fastening.de	50
M4 Insert normal	KVT M4 MULTISERT	http://www.kvt-fastening.de	100
M4 Insert long	KVT M4 long MULTISERT	http://www.kvt-fastening.de	100
M5 Insert	KVT M5 Insert	http://www.kvt-fastening.de	10
NEMA17	0,9° LDO-42STH47-1684MAC.pdf	http://ldomotors.com	3
Alu Spacer 20mm	Aluminium spacer 20mm	www.aliexpress.com	3
Alu Spacer 40mm	Aluminium spacer 40mm	www.aliexpress.com	6
Alternative 1: Linear Rod	6x 800x12 mm with M6 Threaded Ends	www.dold-mechatronik.de	1
Alternative 2: Linear Rod	6x 1000x12 mm with M6 Threaded Ends	www.dold-mechatronik.de	1
Microswitch	For enstops and alternatively for bed probe	www.ebay.de	4