Ordered	Arrived	Item	Quantity F	rice	URL/Link I	Notes
		M4 x 30 SHCS	2	3.0	https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m4-x-30m	nm-dia4mm-length-30mm-stainless-steel-ss202-socket-head-cap-screws/
		6mmx3mm N52 magnets	2	2	https://www.patelmagnets.com/shop/6-x-3mm-neodymium-magnets/	
		4mm x 4mm N52 magnets	1	10.	https://www.patelmagnets.com/shop/4-x-4mm-neodymium-magnet/	
		8mm x 5mm N52 magnets	2	3	https://www.patelmagnets.com/shop/8-x-5mm-neodymium-magnet/	
		M4 x 8mm Heatset Inserts	2	5	https://robu.in/product/m4-x-8-mm-brass-heat-set-threaded-round-insert-r	Not ideal inserts. Try to use knurled like this: https://amzn.in/d/4WZXAzH
		M4 Washer	2	0.5	https://omrook.com/fasteners/washer/flate-washer/m4-washer-dia-4mm-10	<u>00-pcs/</u>
		M3 x 75mm Steel Rod	2	10	https://robocraze.com/products/300mm-stainless-steel-rod?variant=4019;	One Rod is 300mm, you will need to cut it to size
		M4 x 95mm Steel Rod	2	12	https://roboticsdna.in/product/4mm-dia-115mm-long-chrome-plated-smoo	One Rod is 115mm, you will need to cut it to size
		0.3mm -0.45mm Feeler Gauge Strip	1	36	https://amzn.in/d/dUbM6hw It is a whole set of feeler guages, you can find	Full set of feeler gauges
		M3 x 25mm SHCS	1	2.8	https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m4-x-25m	nm-dia4mm-length-25mm-stainless-steel-ss202-socket-head-cap-screws/
		M3 Washer	1	0.5	https://omrook.com/fasteners/washer/flate-washer/m3-washer-zink-white-d	lia-3mm-100-pcs/
		M3 T Nut Hammer Head Drop in	1	6.	https://novo3d.in/hammernut/	
		M5 x10 BHCS	2	2.3	https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m5-x-10m	nm-dia5mm-length-10mm-stainless-steel-ss202-socket-head-cap-screws/
		M5 T Nut Hammer Head Drop in	2	6.	https://novo3d.in/hammernut/	
		Silicone Nozzle Cleaner	1	5	https://amzn.in/d/6Rx3F1c	
		Total Price	Rs.	1123.0	3	

Ordered	Arrived	Item	Quantity	Price	URL/Link
		UM Bed Spring 6MM OD / 5MM ID	8	90.86	Heat Bed Spacer Spring for 3D Printer UM2 Ultimaker2 (4Pcs) - RoboticsDNA
		M3 x 16 Dowel Pins	6	19	https://thinkrobotics.com/products/stainless-steel-dowel-pins-assembly-pins-pack-of-10?variant=39636812300374
		M3 X 20 Dowel Pins	6	19	https://thinkrobotics.com/products/stainless-steel-dowel-pins-assembly-pins-pack-of-10?variant=39636812333142
		M3 x 30 Dowel Pins	4	22.9	https://thinkrobotics.com/products/stainless-steel-dowel-pins-assembly-pins-pack-of-10?variant=39636812398678
		M3 x16 Socket Head bolt	2	1.42	SS Allen Bolt M3 x 16mm, Dia. 3mm, Length 16mm, Stainless Steel (SS202) Socket Head Cap Screws from India Local Shop and Omrook
		M3 x 20 Socket Head Bolt	5	2.6	SS Allen Bolt M3 x 20mm, Dia, 3mm, Length 20mm, Stainless Steel (SS202) Socket Head Cap Screws
		M3 Hex Nut	3	0.59	M3 (3mm) Hex Nut White from India Local Shop and Omrook
		M3 Square Nut - 2mm thick	4	0.83	M3 Square Nut from India Local Shop and Omrook
		M3 x 8 Socket head Bolt	4	1.65	SS Allen Bolt M3 x 8mm, Dia. 3mm, Length 8mm, Stainless Steel (SS202) Socket Head Cap Screws
		4mm x 4mm N52 Magnet	1	10.9	https://www.patelmagnets.com/shop/4-x-4mm-neodymium-magnet/?gad_source=1&gclid=CjwKCAjw_LOwBhBFEiwAmSEQAdaLc7q2MEf2NEIHT8dGFnRG-xrcGbcKkNVCmC3fTPdn8xDzHiDkFxoC-wAQAvD_BwE
		Total Price	Rs.	1084.91	

Ordered	Arrive	d Item	Quantity	Price	URL/Link	Notes
		Fasteners				
		M3 Heat Set Inserts Voron Style	9	7	https://dc3d.in/shop/hardwares/m3-heat-set-insert/	
		M3 Hex Nut	3		https://omrook.com/fasteners/nut/hex-nut/m3-3mm-hex-nut-white/	
		M3 Square Nut - thin	2	0.83	https://omrook.com/fasteners/nut/square-nut/m3-square-nut-100-pcs/	
		M3 x 12mm SHCS	3	1 65	https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x-12mm-dia,-3mm-length-12mm-stainless- steel-ss202-socket-head-cap-screws/	
		M3 x 40mm SHCS	1		https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x-40mm-dia,-3mm-length-40mm-stainless-steel-ss202-socket-head-cap-screws/	
		M3 x 8mm SHCS	1		https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x-8mm-dia-3mm-length-8mm-stainless-steel-	
					ss202-socket-head-cap-screws/ https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x-16mm-dia_3mm-length-16mm-stainless-	
		M3 x 16mm SHCS	3	1.42	steel-ss202-socket-head-cap-screws/ https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x-25mm-dia-3mm-length-25mm-stainless-	
		M3 x 25mm SHCS	3	2.95	steel-ss202-socket-head-cap-screws/ https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x-30mm-dia_3mm-length-30mm-stainless-	
		M3 x 30mm SHCS	1	3.3	steel-ss202-socket-head-cap-screws/	
		M3 x 12 Flat Headed	2	70	https://robu.in/product/easymech-ss-304-csk-countersunk-philips-head-m3-x-12-mm-boll-25-pcs/? gad_source=18gclid=CjwKCAjw_LOwBhBFElwAmSEOARgZeb62c44ams- DFXXLo3CbbgY45yWWkLn8fE920c_Big71QwyhoCogYQAVP_RwE	Set of 25
		M3 x 8 BHCS	3	0.83	https://omrook.com/fasteners/allen-bolts/button-allen/ss-button-allen-m3-x-8mm-dia_3mm-length-8mm-stainless-steel-ss202-allen-socket-button-screws/	
		M3 x 6mm SHCS	2	0.71	https://omrook.com/fasteners/allen-bolts/button-allen/ss-button-allen-m3-x-6mm-dia_3mm-length-6mm-stainless-steel-ss202-allen-socket-button-screws/	
		Extruder & Electronics				
		Nema 14 LDO Round Motor 10 teeth	1		https://novo3d.in/nema14-stepper-motor/	
		Triangle Lab TD6S Hotend 24V	1	2299	https://novo3d.in/bambu-lab/?swcfpc=1	(Just a place holder, look at international for proper part)Any hotend with Dragon style top mounting holes will work with mods to the parts cooling fan for nozzle alignment
		3010 Axial Fan 24V	1	75	https://robu.in/product/dc-24v-3010-hydraulic-cooling-fan-with-xh2-54-2p-30cm-cable-size303010mm/? gad_source=1&pcide=CjuKCAiAyp: s8hBSENWWWXTnIZMORFKfkoli cv/dec7NqiQucmikH4QZt1 jco9j0qfAHAFARGBdRoCG4wQAvD_BwE	
					https://robu.in/product/dc-24v-4020-hydraulic-centrifugal-fan-with-xh2-54-2p-30cm-cable-size404020mm/?	
		4020 Blower Fan 24V	1	208	gad_source=1&gclid=CjwKCAiAyp- sBhBSEiwAWWzTnsH9nyb0sDOZyDX9zfyAz4EfAAffYylyJKioHY3RkaaNkblqMviBhhoCcugQAvD_BwE	
		BMG Dual Extruder Gear set	1	399	https://novo3d.in/bmg-gear/?swcfpc=1	
		EBB 36 Toolhead Board	1		https://novo3d.in/bigtreetech-ebb36-canbus/?swcfpc=1	
		Optical Endstop Switch	1		https://robu.in/product/optical-endstop-light-control-limit-optical-switch/	
		Neopixel LED	1	212	https://robu.in/product/ws2812b-rgb-addressable-led-module/?gad_source=1&gclid=CjwKCAiAyp- sBhBSEiwAWWzTnjClczEAywwFA0H_ZiDocRcNEUFVyRXAswYWu_UGx7z-FyoMitsvABoCAS4QAvD_BwE	
			1			
		Hardware				
		MGN12 Rails 35mm - Cut as per provided guide	2		https://novo3d.in/mgn12h-linear-rail/ can find used rails for a lot cheaper	100mm Rail per tool is required to obtain 2x35mm cuts
		LM5UU Bearing PC4-01 Pneumatic connector	1		https://www.flyrobo.in/lm5uu-5mm-linear-motion-bearing-for-3d-printer https://robu.in/product/pc4-01-pneumatic-push-for-y6-bowden-extruders-4mm-tube-i-head-fitting	
		M3 x10mm Spacers	1		https://thinkrobotics.com/products/aluminium-spacers-pack-of-10?variant=39715551314006	
H		6mm x 3mm N52 Magnets	3		https://www.patelmagnets.com/shop/6-x-3mm-neodymium-magnets	
H	Н	M5x24mm Dowel Pin / M5x25mm Dowel Pin	1		https://www.dprintronics.com/products/M5-Dowel-Pin-Straight-Type-MISUMI-p545184955	
H	Н	M3x20 Dowel Pin	2		https://www.3dprintronics.com/products/M3-Dowel-Pin-Straight-Type-MISUMI-p551575791	
H	H	MR63ZZ Bearing	2		https://amzn.inid/e7t.xKSf Price is For mog Actuall price for qty is only Rs.174	(Place Holder)
	ä	M3x16 Dowel Pin	2		https://robocraze.com/products/16mm-alloy-steel-dowel-pins-pack-of-10	V
	ä	6mm x 6mm N52 magnet	1		https://www.patelmagnets.com/shop/6-x-6mm-neodymium-magnets/?attribute_pa_grade=n52	
		Hall Effect Sensor - AH3364Q	2			
		M4 x16mm Dowel Pin	2	200	https://thinkrobotics.com/products/stainless-steel-dowel-pins-assembly-pins-pack-of-10?variant=39636812496982	
		M2.5 x 12 Socket Heads (For hotend mounting)	4		https://www.fastdep.in/product/pan-head-screw-m2-5x12mm/	place holder)
		PTFE Tube	1			Cut to length based on hotend - decrease measured length by 3mm to allow for z probe movement
		5mm - 6mm OD Spring - 4mm length - 0.5mm wire	1	90.86	Heat Bed Spacer Spring for 3D Printer UM2 Ultimaker2 (4Pcs) - RoboticsDNA	Cut from larger spring - 4 loops
-		KInematic Coupling				
		M5 Acorn Nut	3	20	https://robu.in/product/easymech-m5-ms-dome-nut-acorn-nut-25-pcs/?	
H	Н	M5 x 6mm Heatset Inserts (Voron Knurled Type)	3	30	https://www.partsbuilt.com/m5-heat-set-thread-insert-6mm-long-4-pack/	
H	H	M5x12mm Set Screws	3	10	https://robu.in/product/easymech-m5-x-12mm-socket-set-screws-allen-grub-10pcs/	
H	H	mox izinii odi outero	3	10	IMPACTOR AND THE PROPERTY OF T	
ä	H	Superalue				
	ä	Loctite Thread Locker				
Ö	Ö	Glue Gun (for umbilical positioning)				
		Total Price	Rs.	14802.11		
				1-1002.11		

Ordered	Arrived	Item	Quantity	Price	URL/Link	
		M4 x 30 SHCS	2	3.07	https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m4-x-30mm	ı-dia4mm-length-30mm-stainless-steel-ss202-socket-head-cap-screws/
		6mmx3mm N52 magnets	2	20	https://www.patelmagnets.com/shop/6-x-3mm-neodymium-magnets/	
		4mm x 4mm N52 magnets	1	10.9	https://www.patelmagnets.com/shop/4-x-4mm-neodymium-magnet/	
		8mm x 5mm N52 magnets	2	33	https://www.patelmagnets.com/shop/8-x-5mm-neodymium-magnet/	
		M4 x 8mm Heatset Inserts	2	50	https://robu.in/product/m4-x-8-mm-brass-heat-set-threaded-round-insert-nut-	
		M4 Washer	2	0.59	https://omrook.com/fasteners/washer/flate-washer/m4-washer-dia-4mm-100	
		M3 x 75mm Steel Rod	2	100	https://robocraze.com/products/300mm-stainless-steel-rod?variant=4019397	
		M4 x 95mm Steel Rod	2	124	https://roboticsdna.in/product/4mm-dia-115mm-long-chrome-plated-smooth-	
		0.3mm -0.45mm Feeler Gauge Strip	1	369	https://amzn.in/d/dUbM6hw It is a whole set of feeler guages, you can find cl	
		M3 x 25mm SHCS	1	2.83	https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m4-x-25mm	
		M3 Washer M3 T Nut Hammer Head Drop in	1	0.59 6.9	https://omrook.com/fasteners/washer/flate-washer/m3-washer-zink-white-dia https://novo3d.in/hammernut/	=smm-10u-pcs/
		M5 x10 BHCS	2	2.36	https://novo.so.in/nammernut/ https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m5-x-10mm	a dia Complementa (Complementaria) and a second and a second
		M5 T Nut Hammer Head Drop in	2	6.9	https://novo3d.in/hammernut/	Pala-Smith-engur-Tutim-statiness-steel-sszuz-socket-nead-cap-screws/
	П	Silicone Nozzle Cleaner	1	53	https://amzn.in/d/6Rx3F1c	
ä	H	UM Bed Spring 6MM OD / 5MM ID	8	90.86	Heat Bed Spacer Spring for 3D Printer UM2 Ultimaker2 (4Pcs) – RoboticsDN	NA NA
ä	П	M3 x 16 Dowel Pins	6	19	https://thinkrobotics.com/products/stainless-steel-dowel-pins-assembly-pins-	
	ñ	M3 X 20 Dowel Pins	6	19	https://thinkrobotics.com/products/stainless-steel-dowel-pins-assembly-pins-	
	п	M3 x 30 Dowel Pins	4	22.9	https://thinkrobotics.com/products/stainless-steel-dowel-pins-assembly-pins-	
	n	M3 x16 Socket Head bolt	2	1.42	SS Allen Bolt M3 x 16mm, Dia, 3mm, Length 16mm, Stainless Steel (SS202	
	ā	M3 x 20 Socket Head Bolt	5	2.6	SS Allen Bolt M3 x 20mm, Dia. 3mm, Length 20mm, Stainless Steel (SS202	
		M3 Hex Nut	3	0.59	M3 (3mm) Hex Nut White from India Local Shop and Omrook	
		M3 Square Nut - 2mm thick	4	0.83	M3 Square Nut from India Local Shop and Omrook	
		M3 x 8 Socket head Bolt	4	1.65	SS Allen Bolt M3 x 8mm, Dia. 3mm, Length 8mm, Stainless Steel (SS202) S	ocket Head Cap Screws
		4mm x 4mm N52 Magnet	1	10.9		urce=1&gclid=CjwKCAjw_LOwBhBFEiwAmSEQAdaLc7q2MEf2NEIHT8dGFnRG-xrcGbcKkNVCmC3fTPdn8xDzHiDkFxoC-wAQAvD_BwE
		Fasteners				
		M3 Heat Set Inserts Voron Style	9	7	https://dc3d.in/shop/hardwares/m3-heat-set-insert/	
		M3 Hex Nut	3	0.59	https://omrook.com/fasteners/nut/hex-nut/m3-3mm-hex-nut-white/	
		M3 Square Nut - thin	2	0.83	https://omrook.com/fasteners/nut/square-nut/m3-square-nut-100-pcs/	
					https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x-	
		M3 x 12mm SHCS	3	1.65	12mm-dia_3mm-length-12mm-stainless-steel-ss202-socket-head-cap- screws/	
		Wio X 12Hill Grico	3	1.05	https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x-	
					40mm-dia3mm-length-40mm-stainless-steel-ss202-socket-head-cap-	
		M3 x 40mm SHCS	1	5.9	screws/	
		M3 x 8mm SHCS	1	1.65	https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x- 8mm-dia3mm-length-8mm-stainless-steel-ss202-socket-head-cap-screws/	
		IND X GIIIII GI IGG		1.00	https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x-	
					16mm-dia3mm-length-16mm-stainless-steel-ss202-socket-head-cap-	
		M3 x 16mm SHCS	3	1.42	screws/	
					https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x- 25mm-dia_3mm-lenoth-25mm-stainless-steel-ss202-socket-head-cap-	
		M3 x 25mm SHCS	3	2.95	screws/	
					https://omrook.com/fasteners/allen-bolts/shcs-allen/ss-allen-bolt-m3-x- 30mm-dia3mm-length-30mm-stainless-steel-ss202-socket-head-cap-	
		M3 x 30mm SHCS	1	3.3	screws/	
					https://robu.in/product/easymech-ss-304-csk-countersunk-philips-head-m3-	
					x-12-mm-bolt-25-pcs/?	
_		M3 x 12 Flat Headed	2	70	gad_source=1&gclid=CjwKCAjw_LOwBhBFEiwAmSEQARgZ3eb62c4tams- DFXIXLo3CkbqY45yWWkLrs6E920c_8iq71QwvhoCOqYQAvD_BwE	Set of 25
					https://omrook.com/fasteners/allen-bolts/button-allen/ss-button-allen-m3-x-	
					8mm-dia3mm-length-8mm-stainless-steel-ss202-allen-socket-button-	
		M3 x 8 BHCS	3	0.83	screws/	
					https://omrook.com/fasteners/allen-bolts/button-allen/ss-button-allen-m3-x- 6mm-dia_3mm-length-6mm-stainless-steel-ss202-allen-socket-button-	
		M3 x 6mm SHCS	2	0.71	screws/	
		Extruder & Electronics				
		Nema 14 LDO Round Motor 10 teeth	1	799	https://novo3d.in/nema14-stepper-motor/	
		Triangle Lab TD6S Hotend 24V	1	2299	https://novo3d.in/bambu-lab/?swcfpc=1	(Just a place holder, look at international for proper part)Any hotend with Dragon style top mounting holes will work with mods to the parts cooling fan for nozzle alignment
_	_				https://robu.in/product/dc-24v-3010-hydraulic-cooling-fan-with-xh2-54-2p- 30cm-cable-size303010mm/?qad_source=1&gclid=CjwKCAiAyp-	
					sBhBSEiwAWWzTnlZM0cRrKdnl_cvYdec7NqjQucmlkH4QZt1_jco9j0gfAH	
		3010 Axial Fan 24V	1	75	AFARGBdRoCG4wQAvD_BwE	
					https://robu.in/product/dc-24v-4020-hydraulic-centrifugal-fan-with-xh2-54-	
					2p-30cm-cable-size404020mm/?gad_source=1&gclid=CjwKCAiAyp-sBhBSEiwAWWzTnsH9nyb0sDOZvDX9zfyAz4EfAAffYylyJKioHY3RkaaNk	
		4020 Blower Fan 24V	1	208	blqMviBhhoCcugQAvD_BwE	
		BMG Dual Extruder Gear set	1	399	https://novo3d.in/bmg-gear/?swcfpc=1	
		EBB 36 Toolhead Board	1	1779	https://novo3d.in/bigtreetech-ebb36-canbus/?swcfpc=1	
		Optical Endstop Switch	1	54	https://robu.in/product/optical-endstop-light-control-limit-optical-switch/	
_	_				https://robu.in/product/ws2812b-rgb-addressable-led-module/? gad_source=1&gclid=CjwKCAiAyp-	
					sBhBSEiwAWWzTnjCfczEAywwFA0H_ZiDocRcNEUFVyRXAswYWu_UGx	
		Neopixel LED	1	212	7z-FyoMitsvABoCAS4QAvD_BwE	
			1			
		Hardware				
		MGN12 Rails 35mm - Cut as per provided		2699	https://novo3d.in/mgn12h-linear-rail/ can find used rails for a lot cheaper	100mm Rail per tool is required to obtain 2x35mm cuts
		LM5UU Bearing	1	89	https://www.flyrobo.in/lm5uu-5mm-linear-motion-bearing-for-3d-printer	

	PC4-01 Pneumatic connector	1	27	https://robu.in/product/pc4-01-pneumatic-push-for-v6-bowden-extruders- 4mm-tube-j-head-fitting								
	M3 x10mm Spacers	3	100	https://thinkrobotics.com/products/aluminium-spacers-pack-of-10? variant=39715551314006								
	6mm x 3mm N52 Magnets	3	20	https://www.patelmagnets.com/shop/6-x-3mm-neodymium-magnets								
	M5x24mm Dowel Pin / M5x25mm Dowel P	1	85	https://www.3dprintronics.com/products/M5-Dowel-Pin-Straight-Type- MISUMI-p545184955								
	M3x20 Dowel Pin	2	85	https://www.3dprintronics.com/products/M3-Dowel-Pin-Straight-Type- MISUMI-p551575791								
	MR63ZZ Bearing	2	870	https://amzn.in/d/e7LxKSf Price is For moq Actuall price for qty is only Rs. 174	(Place Holder)							
	M3x16 Dowel Pin	2	75	https://robocraze.com/products/16mm-alloy-steel-dowel-pins-pack-of-10								
	6mm x 6mm N52 magnet	1	28	https://www.patelmagnets.com/shop/6-x-6mm-neodymium-magnets/? attribute_pa_grade=n52								
	Hall Effect Sensor - AH3364Q	2										
	M4 x16mm Dowel Pin	2	200	https://thinkrobotics.com/products/stainless-steel-dowel-pins-assembly- pins-pack-of-10?variant=39636812496982								
	M2.5 x 12 Socket Heads (For hotend mour	4	20	https://www.fastdep.in/product/pan-head-screw-m2-5x12mm/	place holder)							
	PTFE Tube	1			Cut to length base	ed on hotend - decr	ease measured l	ength by 3mm to	allow for z probe	movement		
	5mm - 6mm OD Spring - 4mm length - 0.5r	1	90.86	Heat Bed Spacer Spring for 3D Printer UM2 Ultimaker2 (4Pcs) - RoboticsD	Cut from larger s	pring - 4 loops						
	Kinematic Coupling											
	M5 Acorn Nut	3	30	https://robu.in/product/easymech-m5-ms-dome-nut-acorn-nut-25-pcs/?								
	M5 x 6mm Heatset Inserts (Voron Knurled	3		https://www.partsbuilt.com/m5-heat-set-thread-insert-6mm-long-4-pack/								
	M5x12mm Set Screws	3	10	https://robu.in/product/easymech-m5-x-12mm-socket-set-screws-allen- grub-10pcs/								
	Superglue											
	Loctite Thread Locker											
	Glue Gun (for umbilical positioning)											
	Total Price	Rs.	17010.0	8								