Parts list Voron Trident 5-axis

Base

Dasc		
Aluminium Extrusion 2020	Lenght 410mm	2
Aluminium Extrusion 2020	Lenght 180mm	2
90 Degree corners	For Aluminium profile 2020	12
Screw	M5 x 10mm	24
Screw	M5 x 20mm	12
T nuts	M5	36
Heat insert	M3 x 5mm	2
Screw SHCS	M3 x 8mm	6
High precision Bearing	608ZZ	4
Spacer M8 x 1mm		2
Spacer M3 x 0.7 mm		4
Shaft 8mm Left	lenght 57 mm	1
Shaft 8mm Right	lenght 79 mm	1
Nema 17 stepper motor	48mm 0.9deg, optimal 2.0Amp	1
optical switch sensor for 3D printer		1
Closed loop GT2 belt 6mm	lenght 302 or 303 mm	1
Pulley GT2	80 tooth 8mm bore	1
Pulley GT2	16 tooth 5mm bore	1

https://www.amazon.com/M akerHawk-Optical-Endstop-Photoelectric-Control/dp/B07PMW2QMT/r ef=sr_1_1?keywords=Optical +Endstop&qid=1700156544& sr=8-1

Table

Heat insert	M3 x 5mm	40
Heat insert	M3 x 7mm	6

Screw SHCS	M3 x 8mm	52
Screw SHCS	M3 x 10mm	20
Screw SHCS	M3 x 12mm	1
Screw SHCS	M3 x 20mm	6
Screw FHCS	M3 x 22mm	6
Spacer M3 x 0.7 mm		7
NEMA_17_20mm 1.8deg		1
Pulley GT2	20 tooth 5mm bore	1
Slip Ring	Dia 22mm 4CH 10A	1
IGUS ring	PRT_04_30 Diameter 90mm	1
High precision Bearing	608ZZ	2
Closed loop GT2 belt 6mm	lenght 330mm	1
Pololu Hub 8mm	The six M3 holes needs to be drilled with 3.2mm drill	2
Round Heated bed round for kossel 220mm 24V		1
Round Magnetic sheet 220mm		1
Round PEI sheet 220mm	for kossel	1
Bed spring	ID 3mm OD 6mm Lenght 15mm	6

https://www.amazon.com/s? k=slip+ring+4+wire&crid=2CO T7GQJ0ZHZ7&sprefix=slip+rin g+4+wire%2Caps%2C217&ref =nb_sb_noss_1

https://www.igus.ch/product /iglidur_PRT_04?artnr=PRT-04-30

Z - axis Hotend with Extruder

Heat insert	M3 x 5mm	20
Heat insert	M2 x 4mm	13
Screw SHCS	M2 x 6mm	17

	7	
Screw SHCS	M3 x 8mm	12
Screw SHCS	M3 x 10mm	4
Screw SHCS	M3 x 14mm	8
Screw SHCS	M3 x 16mm	3
Screw FHCS	M3 x 22mm	2
Screw FHCS stainless steel !!!	M3 x 6mm	10
Spacer M5 x 1mm		1
Spacer M2 x 0.5 mm wide		4
neodymium magnets	6 x 3 mm	4
Self taping Screw	M2 size for micro switch	2
MGN7 - H Linear Rail	Lenght 200mm	1
NEMA_17_20mm 1.8deg		1
Small Shaft 5mm	Lenght 44mm	1
Shaft Collar 5mm		1
High precision Bearing	625 ZZ	2
Pulley GT2	20 tooth 5mm bore	2
GT2 belt 6mm	Lenght 500mm	1
Micro switch for 3d printer		1
Nonplanar nozzle	0.4mm	1
24V Ceramic Heating Core	СНС	1
Heat Break For 1.75mm Filament M6	for V6 Hotend	1
HeatSink Extruder Radiator 3D Printer	for V6 Hotend M6 bottom, top 1/8 or M10mm thread	1
OMG V2S Extruder	with M6 to M10 adapter and stepper motor	1
PTFE Tube OD 4mm ID 2.5mm	1.0 M then cut it tio required lenght	1

https://imprimante-3dservice.com/gb/553trianglelab-chc-v6-24v-115wceramic-heater.html

https://www.omgextrd.com/ https://store.dremc.com.au/product product-page/omgextrd-omg- s/omg-v2s-all-metal-direct-extruderdm1-extruder-upgrade dual-drive-dm1-a-dm1-b

24V Fan 30x30x10mm	1
Zip ties	100

Controls

Duet 6HC board		1
Power supply output 24V	350W min.	1
Rj-45 cable, 0.5m	male to female	1
Optional	Raspberry Pi4	1