	Screws and nuts:			
	diameter , length	quantity	Description	Link
	M4x10mm	20	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M3x8mm	10	2 mm head height	
	M3x8mm	50	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M3x14mm	30	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M3 nut	10	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M3x25mm	10	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M2x10mm	10	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M3x16mm	10	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M3x6mm	10	Pan head phillips	
	M3x12mm	30	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M3x35mm	10	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M4x16mm	30	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M4x14mm	10	DIN 912 / ISO 4762 (hexagon socket head cap)	
	M4x50mm	10		
		10	DIN 912 / ISO 4762 (hexagon socket head cap)	
	Gearboxes:			
Name in building instructions	Туре	quantity	Description	Link
Gearbox 20:1	Nema 17 20:1 EG precision planetary	2	Link	Link
Gearbox 10:1	Nema 17 10:1 EG precision planetary	1	Link	Link
	Motors:			
Name in building instructions	Туре	quantity	Description	Link
Stepper 1	Nema 17 16Ncm,42x42x20mm	1	<u>Link</u>	<u>Link</u>
Stepper 2	Nema 17 45Ncm,42x42x40mm	3	Link	Link
Stepper 3	Nema 17 65Ncm,42x42x60mm	2	<u>Link</u>	Link
	Belts:			
Name in building instructions	Туре	quantity	Description	Link
Joint 1 belt	HTD3 396	1	6 mm width	
Joint 3 belt	HTD3 342	1	6 mm width	
Joint 4 belt	HTD3 201	1	6 mm width	
Joint 5 belt	HTD3 246	1	6 mm width	
John 5 Deit		•	8 Hill Width	
Name to building in structions	Pulleys:		December 1	Link
Name in building instructions	Туре	quantity	Description	Link
		0		
J4 pulley, J5 pulley	HTD3M 12 tooth 5mm bore 10mm width	2		
J4 pulley, J5 pulley J1 pulley	HTD3M 15 tooth 5mm bore 10mm width	1		
J1 pulley	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff:	1		
J1 pulley  Name in building instructions	HTD3M 15 tooth 5mm bore 10mm width Mechanical stuff: Type	1 quantity	Description	Link
J1 pulley	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff:  Type  Shaft coupler	1	Description 8 mm hole shaft, M4 screw holes	Link Link
J1 pulley  Name in building instructions	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings:	1 quantity		
J1 pulley  Name in building instructions	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff:  Type  Shaft coupler	1 quantity		
J1 pulley  Name in building instructions  Shaft coupler	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings:	quantity 3	8 mm hole shaft, M4 screw holes	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type	quantity 3 quantity	8 mm hole shaft, M4 screw holes  Description	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552	quantity 3 quantity 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J	quantity 3 quantity 1 5	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J	quantity 3 quantity 1 5 4	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4	quantity 3 quantity 1 5 4 20	8 mm hole shaft, M4 screw holes  Description  35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2  Used for belt tension	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4	quantity 3 quantity 1 5 4 20	8 mm hole shaft, M4 screw holes  Description  35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2  Used for belt tension	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics:	quantity 3 quantity 1 5 4 20 20	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board	quantity 3 quantity 1 5 4 20 20	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description source-robotics.com	Link  Link  Link  source-robotics.com
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button	quantity 3 quantity 1 5 4 20 20 quantity 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description  Source-robotics.com 12mm 3-6V	Link  Link  Link  Source-robotics.com Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4  Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN	quantity 3 quantity 1 5 4 20 20	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description source-robotics.com	Link  Link  Link  source-robotics.com
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4  Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm	1 quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description source-robotics.com 12mm 3-6V For power button	Link  Link  Link  Link  Link  Link  Link  Link  Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4  Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female	1 quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN	Link  Link  Link  Source-robotics.com Link  Link  Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4  Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric)	1 quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin	Link  Link  Link  Link  Link  Link  Link  Link  Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply	quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply	Link  Link  Link  Source-robotics.com Link  Link  Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches	1 quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3	Link  Link  Source-robotics.com Link Link  Link  Link  Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1	1 quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO	Link  Link  Source-robotics.com Link Link  Link  Link  Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4  Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2	1 quantity 3 quantity 1 5 4 20 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 2	1 quantity 3 quantity 1 5 4 20 20 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO	Link  Link  Source-robotics.com Link Link  Link  Link  Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4  Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2	1 quantity 3 quantity 1 5 4 20 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler  Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 2	1 quantity 3 quantity 1 5 4 20 20 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop	quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8v4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic connector - robot	1 quantity 3 quantity 1 5 4 20 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Connector - robot Pneumatic Gripper	1 quantity 3 quantity 1 5 4 20 20	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A MS, NPN NO Any NC estop 4 mm type PM MHZ2-16D	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Gripper Pneumatic Gripper connector Pneumatic gripper connector Pneumatic gripper connector	1 quantity 3 quantity 1 5 4 20 20	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM MHIZ2-16D PC4 - M5 1 meter, 4x2.5mm	Link  Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Gripper Pneumatic Gripper connector Pneumatic tube xt30 connector female	1 quantity 3 quantity 1 5 4 20 20	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM MHZ2-16D PC4 - M5 1 meter, 4x2.5mm used to deliver power to PAROL6 PCB	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic connector - robot Pneumatic Gripper Pneumatic Gripper Pneumatic Gripper Pneumatic Gripper Pneumatic Gripper Pneumatic tube xt30 connector female Stlink	1 quantity 3 quantity 1 5 4 20 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robolics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM MHZ2-16D PC4 - M5 1 meter, 4x2.5mm used to deliver power to PAROL6 PCB Used to program PAROL6 control board	Link
J1 pulley  Name in building instructions  Shaft coupler  Name in building instructions  Bearing 1  Bearing 2  Bearing 3  Tension bearing  Tension bearing	HTD3M 15 tooth 5mm bore 10mm width  Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Gripper Pneumatic Gripper connector Pneumatic tube xt30 connector female	1 quantity 3 quantity 1 5 4 20 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description Source-robotics.com 12mm 3-6V For power button  GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM MHZ2-16D PC4 - M5 1 meter, 4x2.5mm used to deliver power to PAROL6 PCB	Link