	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	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	<u>Link</u>	<u>Link</u>
Gearbox 10:1	Nema 17 10:1 EG precision planetary	1	<u>Link</u>	<u>Link</u>
	Motors:			
Name in building instructions	Туре	quantity	Description	Link
Stepper 1	Nema 17 16Ncm,42x42x20mm	1	Link	Link
Stepper 2	Nema 17 45Ncm,42x42x40mm	3	Link	Link
Stepper 3	Nema 17 65Ncm,42x42x60mm	2	Link	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 4 belt	HTD3 246	1	6 mm width	
Solit 5 beit			o min width	
Name in building instructions	Pulleys:	quantity	Description	Link
	Туре	quantity	Description	LIIIK
I IA mulloy. IE mulloy	LITDOM 10 to oth From horse 10mm width	2		
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	Paradella	Lieb
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
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	
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	
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	
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	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	
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	
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 Ball bearing 3x8x4 Ball bearing 3x10x4	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 Joint 1 and 2	
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	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	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 Electronics: Type	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 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:	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 Used for belt tension	Link Link source-robotics.com
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	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	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 Noctua NF-A4x20 5V 40mm	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 Used for belt tension Description Source-robotics.com 12mm 3-6V	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	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	Link Link source-robotics.com
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 Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric)	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 source-robotics.com
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 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	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 GX16 2PIN	Link Link source-robotics.com 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 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 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 GX16 2PIN M8 sensor Female 4 pin	Link Link source-robotics.com 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 Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply	1 quantity 3 quantity 1 5 4 20 20 quantity 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 GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply	Link Link source-robotics.com 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 Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches	1 quantity 3 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 GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3	Link Link Source-robotics.com 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 Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1	1 quantity 3 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 GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO	Link Link Source-robotics.com 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 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 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 GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A	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 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 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 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, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO	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 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 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	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 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO 19mm	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 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 Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector - male + female Inductive sensor 1 Inductive sensor 2 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Gripper	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 GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO 19mm 4 mm type PM	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 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 Noctua NF-A4x20 5V 40mm Power connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Gripper Pneumatic Gripper Pneumatic Gripper Pneumatic gripper connector	1 quantity 3 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 GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO 19mm 4 mm type PM MHZ2-16D PC4 - M5	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 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 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 connector Pneumatic gripper connector Pneumatic tube	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 GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO 19mm 4 mm type PM MH-IZ2-16D PC4 - M5 1 meter, 4x2.5mm	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 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 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 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, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO 19mm 4 mm type PM MHZ2-16D PC4 - M5 1 meter, 4x2.5mm used to deliver power to PAROL6 PCB	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 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 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 Gripper Pneumatic Ube 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-robotics.com 12mm 3-6V GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO 19mm 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 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 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 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, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO 19mm 4 mm type PM MHZ2-16D PC4 - M5 1 meter, 4x2.5mm used to deliver power to PAROL6 PCB	Link Source-robotics.com Link Link Link Link Link