	-			
	Screws and nuts:			
	diameter , length	quantity	Description	Link
	M4x10mm	20		
	M3x8mm	50		
	M3x14mm	30		
	M3 nut	10		
	M3x25mm	10		
	M2x10mm	10		
	M3x16mm	10		
	M3x6mm	10		
	M3x12mm	30		
	M3x35mm	10		
	M4x16mm	30		
	M4x14mm	10		
	M4x50mm	10		
	Gearboxes:			
Name in building instructions	Туре	quantity	Description	Link
Gearbox 20:1	Nema 17 20:1 EG precision planetary	2	2000p	
Gearbox 10:1	Nema 17 10:1 EG precision planetary	1		
lome in building inetwesting	Motors:	aug-4!4.	Deceription	Link
lame in building instructions	Type	quantity	Description	Link
Stepper 1	Nema 17 16Ncm,42x42x20mm	1		
Stepper 2	Nema 17 45Ncm,42x42x40mm	3		
Stepper 3	Nema 17 65Ncm,42x42x60mm	2		
	Belts:			
lame in building instructions	Туре	quantity	Description	Link
loint 1 belt	HTD3 396	1	6 mm width	
loint 3 belt	HTD3 342	1	6 mm width	
loint 4 belt	HTD3 201	1	6 mm width	
Joint 5 belt	HTD3 246	1	6 mm width	
	Pulleys:			
Name in building instructions	Туре	quantity	Description	Link
J4 pulley, J5 pulley	HTD3M 12 tooth 5mm bore 10mm width	2		
I1 pulley	HTD3M 15 tooth 5mm bore 10mm width	1		
J1 pulley	HTD3M 15 tooth 5mm bore 10mm width	1		
	Mechanical stuff:		Description	Link
Name in building instructions	Mechanical stuff: Type	quantity	Description	Link
Name in building instructions	Mechanical stuff:  Type  Shaft coupler		Description 8 mm hole shaft, M4 screw holes	Link
Name in building instructions Shaft coupler	Mechanical stuff: Type Shaft coupler Bearings:	quantity 3	8 mm hole shaft, M4 screw holes	
Name in building instructions Shaft coupler Name in building instructions	Mechanical stuff: Type Shaft coupler Bearings: Type	quantity 3 quantity	8 mm hole shaft, M4 screw holes  Description	Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1	Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552	quantity 3 quantity 1	8 mm hole shaft, M4 screw holes  Description 35X52X4	
lame in building instructions Shaft coupler lame in building instructions Bearing 1 Bearing 2	Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J	quantity 3 quantity 1 5	8 mm hole shaft, M4 screw holes  Description 35X52X4 Joint 5, 4 and 3	
lame in building instructions Shaft coupler lame in building instructions Bearing 1 Bearing 2	Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552	quantity 3 quantity 1 5 4	8 mm hole shaft, M4 screw holes  Description 35X52X4	
lame in building instructions Shaft coupler  lame in building instructions Bearing 1 Bearing 2 Bearing 3	Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J	quantity 3 quantity 1 5 4 20	8 mm hole shaft, M4 screw holes  Description 35X52X4 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension	
lame in building instructions Shaft coupler  lame in building instructions Bearing 1 Bearing 2 Bearing 3 Fension bearing	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 Joint 5, 4 and 3 Joint 1 and 2	
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Fension bearing	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 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension	
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension	
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension	Link
lame in building instructions Shaft coupler  lame in building instructions Bearing 1 Bearing 2 Bearing 3 Fension bearing Fension bearing	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 20	8 mm hole shaft, M4 screw holes  Description 35X52X4 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description	Link
lame in building instructions Shaft coupler  lame in building instructions Bearing 1 Bearing 2 Bearing 3 Fension bearing Fension bearing	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 quantity 1	8 mm hole shaft, M4 screw holes  Description 35X52X4 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension  Description source-robotics.com	Link Link Link
lame in building instructions Shaft coupler  lame in building instructions Bearing 1 Bearing 2 Bearing 3 Fension bearing Fension bearing	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 20 quantity 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4 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
lame in building instructions Shaft coupler  lame in building instructions Bearing 1 Bearing 2 Bearing 3 Fension bearing Fension bearing	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	quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4 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  Link  Link  Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4 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 Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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	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 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  Link  Link  Link
lame in building instructions Shaft coupler  lame in building instructions Bearing 1 Bearing 2 Bearing 3 Fension bearing Fension bearing	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	quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 3	8 mm hole shaft, M4 screw holes  Description 35X52X4 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  Link  Link  Link
lame in building instructions Shaft coupler  lame in building instructions Bearing 1 Bearing 2 Bearing 3 Fension bearing Fension bearing	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	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	8 mm hole shaft, M4 screw holes  Description 35X52X4 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  Link  Link  Link
lame in building instructions chaft coupler lame in building instructions learing 1 learing 2 learing 3 learing 3 learing bearing learing bearing	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	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 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 Link Link Link Link Link Link
lame in building instructions chaft coupler lame in building instructions learing 1 learing 2 learing 3 learing 3 learing bearing learing bearing	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	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 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	Link  Link  Link  Link  Link
lame in building instructions chaft coupler lame in building instructions learing 1 learing 2 learing 3 learing 3 learing bearing learing bearing	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	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 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 Link Link Link Link Link Link
lame in building instructions Shaft coupler  lame in building instructions Bearing 1 Bearing 2 Bearing 3 Fension bearing Fension bearing	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	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 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 Link Link Link Link Link Link Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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	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 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 Link Link Link Link Link Link Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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	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 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 Link Link Link Link Link Link Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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	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 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	Link Link Link Link Link Link Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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 Pneumatic gripper connector	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 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 Link Link Link Link Link Link Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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 tube xt30 connector female	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 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	Link Link Link Link Link Link Link Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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 connector Pneumatic tube xt30 connector female Sttink	quantity 3 quantity 1 5 4 20 20 20 quantity 1 1 1 1 1 1 1 1 1 2 5 meters 1	8 mm hole shaft, M4 screw holes  Description 35X52X4 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 Link Link Link Link Link Link Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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 connector Pneumatic ube xt30 connector female Stlink USB B cable	quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 2 5 meters 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4 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	Link Link Link Link Link Link Link Link
Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing	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 dripper Pneumatic ube xt30 connector female Stlink USB B cable 5/2 solenoid air valve	quantity 3 quantity 1 5 4 20 20 20 quantity 1 1 1 1 1 1 1 1 1 2 5 meters 1	8 mm hole shaft, M4 screw holes  Description 35X52X4 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 Link Link Link Link Link Link Link
Name in building instructions Shaft coupler  Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing	Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 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 ube xt30 connector female Stlink USB B cable 5/2 solenoid air valve Consumables	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 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 Comms to the PC	Link Link Link Link Link Link Link Link
Name in building instructions Shaft coupler  Name in building instructions Searing 1 Searing 2 Searing 3 Tension bearing	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 dripper Pneumatic ube xt30 connector female Stlink USB B cable 5/2 solenoid air valve	quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 2 5 meters 1 1 1 1 1 1 1 1	8 mm hole shaft, M4 screw holes  Description 35X52X4 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 Link Link Link Link Link Link Link