This file contains all the parts you need to build PAROL6 robot!

Most items have links where you can buy the item, and some of them are affiliate links.

Items like screws, belts and bearings can be bought locally or from many other vendors.

	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)	
		-	1 2 2	
	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)	
		2		
	M3x15mm	2	Tapered screw head	
	Gearboxes:			
Name in building instructions	Туре	quantity	Description	Link
Gearbox 20:1	Nema 17 20:1 EG precision planetary	2	<u>Link</u>	Aliexpress Link
Gearbox 10:1	Nema 17 10:1 EG precision planetary	1	<u>Link</u>	Aliexpress Link
	Motors:			
lame in building instructions	Туре	quantity	Description	Link
	Nema 17 16Ncm,42x42x20mm	1	Link	Aliexpress Link
tepper 1		-		
tepper 2	Nema 17 45Ncm,42x42x40mm	3	Link	Aliexpress Link
tepper 3	Nema 17 65Ncm,42x42x60mm	2	Link	Aliexpress Link
	Belts:			
lame in building instructions	Туре	quantity	Description	Link
oint 1 belt	HTD3 396	1	6 mm width	Link
oint 3 belt	HTD3 342	1	6 mm width	Link
oint 4 belt	HTD3 201	1	6 mm width	Link
oint 5 belt	HTD3 246	1	6 mm width	Link
olit 5 beit			o mini widin	LIIIK
	Pulleys:			
lame in building instructions	Туре	quantity	Description	Link
4 pulley, J5 pulley	HTD3M 12 tooth 5mm bore 10mm width	2		<u>Link</u>
1 pulley	HTD3M 15 tooth 5mm bore 10mm width	1		<u>Link</u>
	Mechanical stuff:			
Name in building instructions	Type	quantity	Description	Link
lame in building instructions	Type Shaft coupler	quantity 3	Description 8 mm hole shaft M4 screw holes	Link
lame in building instructions shaft coupler	Shaft coupler	quantity 3	Description 8 mm hole shaft, M4 screw holes	Link Link
shaft coupler	Shaft coupler Bearings:	3	8 mm hole shaft, M4 screw holes	Link
shaft coupler lame in building instructions	Shaft coupler Bearings: Type	3 quantity	8 mm hole shaft, M4 screw holes Description	<u>Link</u>
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shaft coupler lame in building instructions	Shaft coupler Bearings: Type	quantity 1 5	8 mm hole shaft, M4 screw holes Description	<u>Link</u>
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