

Part	Hole Size	Head/Lip/Thick k	Length	Notes	Link
4-40 button head hex drive screws, 100 count	4-40 = 0.112"	Head: 0.213"	Length: 3/8"	3/8" long	<a href="https://www.mcmaster.com/91255A108/">https://www.mcmaster.com/91255A108/</a>
4-40 low strength steel hex nuts, 100 count	4-40 = 0.112"	Thick: 3/32"	Diameter: 1/4"	For assembly	<a href="https://www.mcmaster.com/90480A005/">https://www.mcmaster.com/90480A005/</a>
Heavy Duty Unthreaded Bumpers	1/8"	Lip Width: 7/32"	Height: 3/16"	Feet nubs	<a href="https://www.mcmaster.com/9540K42/">https://www.mcmaster.com/9540K42/</a>
M2.5 Button Head Hex Drive Screw, 25 count	M2.5 2.5mm	Head: 4.5mm	Length: 5mm	Screws for standoffs, M2.5x0.45mm thread, 5mm long	<a href="https://www.mcmaster.com/91239A754/">https://www.mcmaster.com/91239A754/</a>
Cable Gland, Compact Plastic Submersible Cord	0.84"			To hold wall cable in place for device	<a href="https://www.mcmaster.com/69915K64/">https://www.mcmaster.com/69915K64/</a>
Toggle Power Switch	5/32"			Extra layer to power system on/off	<a href="https://www.digikey.com/en/products/detail/cw-industries/GTS447A101HR/3193576">https://www.digikey.com/en/products/detail/cw-industries/GTS447A101HR/3193576</a>
Connector, Barrier Strip, 4 spots	4mm			Used as power rails: 5V, switch, to circuits, gnd	<a href="https://www.digikey.com/en/products/detail/te-connectivity-amp-connectors/1546306-4/1277415">https://www.digikey.com/en/products/detail/te-connectivity-amp-connectors/1546306-4/1277415</a>

	mm	dec in	in	
	0.79375	0.03125	1/32"	
	1.5875	0.0625	1/16"	
	2.38125	0.09375	3/32"	
	2.5	0.0984		
	3	0.11811		
	3.175	0.125	1/8"	
	4	0.15748		
	4.5	0.1771		
	4.7625	0.1875	3/16"	
	5	0.19685		
	5.4102	0.213		
	5.56	0.21875	7/32"	
	6.35	0.25	1/4"	
	6.8	0.2677		
	7.9375	0.3125	5/16"	0.0235
	9.525	0.375	3/8"	
	11.1125	0.4375	7/16"	
	11.9	0.46875	5/32"	
	12.7	0.5	1/2"	
	Min 4-40 length	0.34375	0.46875	
	M2.5 left over (pi)	0.07185	Turns = 4	
	depth	width	height	0.3927
Power rail		18.6 mm	6.8 mm	
Screen	2.85 mm	210.16 mm	164.25 mm	
Screen Support		23.297"		