

Item	Cost	Number	Total Cost	Vendor	Link	Notes	Order Total	2175.12
Solderable Breadboard	\$9.99	1	9.99	Amazon	Various sizes, 30 Pc. Pack	<a href="https://www.amazon.com/Double-Sided-Board-Prototype-Paxcoo/dp/B01N3161JP/ref=sr_1_1_sspa?ie=UTF8&amp;qid=1538066309&amp;sr=8-1-spons&amp;keywords=solderable+breadboard&amp;psc=1">https://www.amazon.com/Double-Sided-Board-Prototype-Paxcoo/dp/B01N3161JP/ref=sr_1_1_sspa?ie=UTF8&amp;qid=1538066309&amp;sr=8-1-spons&amp;keywords=solderable+breadboard&amp;psc=1</a>		
VTUG-10-MRCR-S1T-26V20-T516LA-UL-T532S-12K	\$1,556.66	1	1556.66	Festo	Order Code: VTUG-10-MRCR-S1T-26V20-T516LA-UL-T532S-12K	<a href="https://www.festo.com/cat/en-us_us/products_VTUG">https://www.festo.com/cat/en-us_us/products_VTUG</a>		
5/32 OD Tubing	\$18.30	1	18.3	ATP	250 ft pack	<a href="https://www.atp4pneumatics.com/product/pe04m-532bbk/">https://www.atp4pneumatics.com/product/pe04m-532bbk/</a>		
5/32-10-32 UNF L Fitting	\$0.99	30	29.7	Mettler Air	Model #: MTL 5/32-U10, 1 Pc. Pack	<a href="https://www.mettlerair.com/store/ptc/threaded-main/male-elbow/mlt-ixnpl/push-to-connect-90-elbow-fitting-5-32-od-10-32-unf-male.html">https://www.mettlerair.com/store/ptc/threaded-main/male-elbow/mlt-ixnpl/push-to-connect-90-elbow-fitting-5-32-od-10-32-unf-male.html</a>		
5/32-5/32 L Fitting	\$0.91	60	54.6	Mettler Air	Model #: MTV 5/32, 1 Pc. Pack	<a href="https://www.mettlerair.com/store/ptc/unions-main/push-to-connect-elbow-union-5-32-od-5-32-od.html">https://www.mettlerair.com/store/ptc/unions-main/push-to-connect-elbow-union-5-32-od-5-32-od.html</a>		
5/32-5/32 T Fitting	\$1.33	30	39.9	Mettler Air	Model #: MTE 5/32-5/32, 1 Pc. Pack	<a href="https://www.mettlerair.com/store/ptc/unions-main/mte-main/push-to-connect-tee-union-5-32-od-5-32-od.html">https://www.mettlerair.com/store/ptc/unions-main/mte-main/push-to-connect-tee-union-5-32-od-5-32-od.html</a>		
1/4-5/32 Straight Fitting	\$1.02	30	30.6	Mettler Air	Model #: 1 Pc. Pack	<a href="https://www.mettlerair.com/store/ptc/unions-main/mtu-main/imp/push-to-connect-straight-union-reducer-1-4-od-5-32-od.html">https://www.mettlerair.com/store/ptc/unions-main/mtu-main/mtu-imp/push-to-connect-straight-union-reducer-1-4-od-5-32-od.html</a>		
#4-40x0.0625 Set Screw	\$6.80	3	20.4	McMaster-Carr	Order Code: 91375A101, 10 Pc. Pack	<a href="https://www.mcmaster.com/91375a101">https://www.mcmaster.com/91375a101</a>		
#4-40x0.25 SHCS	\$8.20	2	16.4	McMaster-Carr	Order Code: 91251A106, 100 Pc. Pack	<a href="https://www.mcmaster.com/91251a106">https://www.mcmaster.com/91251A106</a>		
#4-40x0.3125 SHCS	\$8.25	1	8.25	McMaster-Carr	Order Code: 91251A107, 100 Pc. Pack	<a href="https://www.mcmaster.com/91251a107">https://www.mcmaster.com/91251a107</a>		
#4-40x0.375 SHCS	\$8.07	1	8.07	McMaster-Carr	Order Code: 91251A108, 100 Pc. Pack	<a href="https://www.mcmaster.com/91251a108">https://www.mcmaster.com/91251a108</a>		
#4-40x0.625 SHCS	\$8.66	1	8.66	McMaster-Carr	Order Code: 91251A112, 100 Pc. Pack	<a href="https://www.mcmaster.com/91251a112">https://www.mcmaster.com/91251a112</a>		
#4-40x1.125 SHCS	\$6.79	15	101.85	McMaster-Carr	Order Code: 91864A029, 10 Pc. Pack	<a href="https://www.mcmaster.com/91864a029">https://www.mcmaster.com/91864a029</a>		
#4-40x1.25 SHCS	\$5.25	1	5.25	McMaster-Carr	Order Code: 91251A078, 50 Pc. Pack	<a href="https://www.mcmaster.com/91251a078">https://www.mcmaster.com/91251a078</a>		
#4-40x1.375 SHCS	\$15.08	6	90.48	McMaster-Carr	Order Code: 91251A210, 25 Pc. Pack	<a href="https://www.mcmaster.com/91251a210">https://www.mcmaster.com/91251a210</a>		
#4-40x2.5 SHCS	\$8.86	2	17.72	McMaster-Carr	Order Code: 91251A834, 5 Pc. Pack	<a href="https://www.mcmaster.com/91251a834">https://www.mcmaster.com/91251a834</a>		
#4-40 Nut	\$0.87	1	0.87	McMaster-Carr	Order Code: 90480A005, 100 Pc. Pack	<a href="https://www.mcmaster.com/90480a005">https://www.mcmaster.com/90480a005</a>		
#8-32x0.25 SHCS	\$9.02	1	9.02	McMaster-Carr	Order Code: 91251A190, 100 Pc. Pack	<a href="https://www.mcmaster.com/91251a190">https://www.mcmaster.com/91251a190</a>		
#8-32x0.75 SHCS	\$12.90	1	12.9	McMaster-Carr	Order Code: 91251A197, 100 Pc. Pack	<a href="https://www.mcmaster.com/91251a197">https://www.mcmaster.com/91251a197</a>		
#8-32x1.00 SHCS	\$8.01	1	8.01	McMaster-Carr	Order Code: 91251A199, 50 Pc. Pack	<a href="https://www.mcmaster.com/91251a199">https://www.mcmaster.com/91251a199</a>		
#8-32x1.25 SHCS	\$7.47	1	7.47	McMaster-Carr	Order Code: 91251A201, 50 Pc. Pack	<a href="https://www.mcmaster.com/91251a201">https://www.mcmaster.com/91251a201</a>		
#8-32 Nut	\$1.60	1	1.6	McMaster-Carr	Order Code: 90480A009, 100 Pc. Pack	<a href="https://www.mcmaster.com/90480a009">https://www.mcmaster.com/90480a009</a>		
1/4-20x0.375 SHCS	\$9.94	1	9.94	McMaster-Carr	Order Code: 91251A535, 50 Pc. Pack	<a href="https://www.mcmaster.com/91251a535">https://www.mcmaster.com/91251a535</a>		
1/4-20x1.25 SHCS	\$11.88	2	23.76	McMaster-Carr	Order Code: 91251A544, 50 Pc. Pack	<a href="https://www.mcmaster.com/91251a544">https://www.mcmaster.com/91251a544</a>		
1/4-20 Nut	\$3.83	1	3.83	McMaster-Carr	Order Code: 94846A029, 100 Pc. Pack	<a href="https://www.mcmaster.com/94846a029">https://www.mcmaster.com/94846a029</a>		
13/64x0.75 Binding Barrel & Screw	\$11.26	2	22.52	McMaster-Carr	Order Code: 93121A340, 50 Pc. Pack	<a href="https://www.mcmaster.com/93121a340">https://www.mcmaster.com/93121a340</a>		
1/8 ID Plastic Washer	\$8.24	1	8.24	McMaster-Carr	Order Code: 90295A370, 100 Pc. Pack	<a href="https://www.mcmaster.com/90295a370">https://www.mcmaster.com/90295a370</a>		
3/32 Plastic Spacer	\$2.29	1	2.29	McMaster-Carr	Order Code: 90176A102, 25 Pc. Pack	<a href="https://www.mcmaster.com/90176a102">https://www.mcmaster.com/90176a102</a>		
1/4 ID Roller Bearing	\$5.98	8	47.84	McMaster-Carr	Order Code: 60355K503, 1 Pc. Pack	<a href="https://www.mcmaster.com/60355k503">https://www.mcmaster.com/60355k503</a>		