

### Ball & Beam Parts List

Part Name	Available	Supplier (Manufacturer)	Part Number	Price	Quantity	Link
<b>Raw Materials</b>						
Aluminum Angle Beam	Local Hardware Store/Online	Online Metals	<a href="#">6063-T52</a>	\$4.30	1	<a href="http://www.onlinemetals.com">www.onlinemetals.com</a>
Thin Squares & Triangles	Local Hardware Store/Online	Metals Depot	<a href="#">F4142</a>	\$7.04	1	<a href="http://www.metalsdepot.com">www.metalsdepot.com</a>
Thick Squares & Triangles	Local Hardware Store/Online	Metals Depot	<a href="#">F4122</a>	\$7.08	1	<a href="http://www.metalsdepot.com">www.metalsdepot.com</a>
Test V Block	Local Hardware Store/Online	McMaster	<a href="#">9008K151</a>	\$15.58	1	<a href="http://www.mcmaster.com">www.mcmaster.com</a>
Shaft Coupling	Local Hardware Store/Online	McMaster	<a href="#">3084K31</a>	\$24.20	1	<a href="http://www.mcmaster.com">www.mcmaster.com</a>
Shaft	Local Hardware Store/Online	Metals Depot	<a href="#">R338</a>	\$2.34	1	<a href="http://www.metalsdepot.com">www.metalsdepot.com</a>
<b>Main Components</b>						
Acoustic Sensor	Online	Senix Corporation	<a href="#">TSPC-30S1-232</a>		2	<a href="http://www.senix.com">www.senix.com</a>
Motor	N/A	Servo Systems	BDC-T330-BVL		1	
Amplifier	N/A	Servo Systems	CBE25ACB		1	
<b>Fasteners</b>						
Machine Screws (Test V Block)	Local Hardware Store/Online	McMaster-CARR	<a href="#">91770A096</a>	\$0.05	4	<a href="http://www.mcmaster.com">www.mcmaster.com</a>
Machine Screws (Square-Triangle)	Local Hardware Store/Online	McMaster-CARR	<a href="#">90279A157</a>	\$0.07	8	<a href="http://www.mcmaster.com">www.mcmaster.com</a>
Machine Screws (Beam-Triangle)	Local Hardware Store/Online	McMaster-CARR	<a href="#">91770A108</a>	\$0.05	8	<a href="http://www.mcmaster.com">www.mcmaster.com</a>

Motor <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=310187542194>  
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=310173843870>

Amplifier [http://servosystems.com/amc\\_analog.htm](http://servosystems.com/amc_analog.htm)  
[http://servosystems.com/amc\\_be25a20ac.pdf](http://servosystems.com/amc_be25a20ac.pdf)  
[http://servosystems.com/amc\\_be25a20i.pdf](http://servosystems.com/amc_be25a20i.pdf)