

## Cybot Gearbox BOM

<u>Item Description</u>	<u>Qty</u>	<u>\$ Each</u>	<u>Total \$368</u>	<u>Link</u>	<u>Used For</u>
<b>Parts from Andymark</b>					
Dog Gear (am-0020)	2	\$30	\$60	<a href="http://www.andymark.com/ProductDetails.asp?ProductCode=am%2D00">http://www.andymark.com/ProductDetails.asp?ProductCode=am%2D00</a>	Switching Gears
28 Small Output Gear (am-0139)	2	\$14	\$28	<a href="http://www.andymark.com/ProductDetails.asp?ProductCode=am%2D01">http://www.andymark.com/ProductDetails.asp?ProductCode=am%2D01</a>	Small(28) Dog-Toothed Gear
Large Output Gear, 48 tooth (am-0022)	2	\$20	\$40	<a href="http://www.andymark.com/ProductDetails.asp?ProductCode=am%2D00">http://www.andymark.com/ProductDetails.asp?ProductCode=am%2D00</a>	Big(48) Dog-Toothed Gear
SS Hex Shaft (am-0131)	2	\$24	\$48	<a href="http://www.andymark.com/product-p/am-0131.htm">http://www.andymark.com/product-p/am-0131.htm</a>	Main Shaft
3/8" id Flanged Bearing (FR6) (am-0027)	2	\$3	\$6	<a href="http://www.andymark.com/ProductDetails.asp?ProductCode=am%2D00">http://www.andymark.com/ProductDetails.asp?ProductCode=am%2D00</a>	Small Dog Gear (3/8") Bearing
3/8" id Flanged Ball Bearing (FR6ZZ) (am-0028)	8	\$3	\$24	<a href="http://www.andymark.com/product-p/am-0028.htm">http://www.andymark.com/product-p/am-0028.htm</a>	Main Shaft and Motor Shaft (3/8") Bearing
Shift Block and Shaft Assembly (am-0293)	2	\$26	\$52	<a href="http://www.andymark.com/product-p/am-0293.htm">http://www.andymark.com/product-p/am-0293.htm</a>	Shifting Mechanism
SS Servo Arm (am-0135)	2	\$15	\$30	<a href="http://www.andymark.com/product-p/am-0135.htm">http://www.andymark.com/product-p/am-0135.htm</a>	Shifting Mechanism
1/2" id Bearing (R8) (am-0029)	2	\$3	\$6	<a href="http://www.andymark.com/ProductDetails.asp?ProductCode=am%2D00">http://www.andymark.com/ProductDetails.asp?ProductCode=am%2D00</a>	Big(48) Dog-Toothed Gear (1/2") Bearing
1/2" id Bearing (FR8ZZ) (am-0030)	2	\$3	\$6	<a href="http://www.andymark.com/product-p/am-0030.htm">http://www.andymark.com/product-p/am-0030.htm</a>	Main Shaft Bearing (1/2")
<b>Parts from VEX</b>					
14t Gear with 3/8" Hex Bore (217-2699)	4	\$7	\$28	<a href="http://www.vexrobotics.com/vexpro/motion/vexpro-gears/3-8-hex-bore.ht">http://www.vexrobotics.com/vexpro/motion/vexpro-gears/3-8-hex-bore.ht</a>	Small(14) Motor Gear
34t Gear with 3/8" Hex Bore (217-3211)	4	\$9	\$36	<a href="http://www.vexrobotics.com/vexpro/motion/vexpro-gears/3-8-hex-bore.ht">http://www.vexrobotics.com/vexpro/motion/vexpro-gears/3-8-hex-bore.ht</a>	Big(34) Motor Gear
<b>Part from McMaster-Carr</b>					
3/8 Hex Shaft Stock	1foot	\$4	\$4	<a href="http://www.mcmaster.com/#89845k75/=13arhlv">http://www.mcmaster.com/#89845k75/=13arhlv</a>	Converts Motor Shaft to Hex