



McAlpine Devices

2012 LCA Gear Price List and Ordering Information

All McAlpine Devices LCA gears are cut for 4-40 size fasteners. Hardware is available below or may be ordered from outlets such as a hobby store or online at McMaster-Carr (www.mcmaster.com) Gears are made from 100% Acrylic. They are around .21" (3/16 of an inch thick), this is a standard size for sheet. These gears respond well to silicon grease, you should not use hydrocarbon based lubricants. Nylon and teflon bushings work well with these gears. All McAlpine Devices LCA Gears mate together with a 20 degree pressure angle and an approximate circular pitch of .25".

Item	Product ID	Price
40 tooth gear	lcagearv1t40	\$4.00
30 tooth gear	lcagearv1t30	\$3.00
20 tooth gear	lcagearv1t20	\$2.50
10 tooth gear	lcagearv1t10	\$1.50
Unassembled One-Way Gear Set*	lcaowgsv1	\$9.00
Assembled One-Way Gear Set	lcaowgsv1a	\$15.00
Maxon Gear-head Motor w/Adpt. + Gears	lcamwav1	\$35.00
Small Gear-Pad	lcagearpadv1	\$5.50
Hardware Pack	mdlca440hardware	\$11.00
6-Inch Acrylic Ruler	LCA6inchRuler	\$3.00

*Unassembled One-Way Gear Set requires the included alignment tool and some acrylic friendly adhesive, GOOP will work great and cures clear, it is however a little hard to work with. Loctite Stik'n Seal ULTRA is probably the best for bond, and ease of use, it also cures very clear.

Any reduction gear set can be made for you. Just inform us of the two gears you wish to be mated together and we will make it for the cost of each gear above plus \$2.00 assembly charge. We will use Ultra-Clear (Loctite Stik'n Seal) adhesive. For any structural assembly such as an enclosure, the acrylic will be welded with methyl chloride.

Shipping in the U.S.A.:	Number of Items	Price
	<5	\$5.00
	5-10	\$6.50
	10-20	\$7.50
	>20	\$8.50

To order by mail:

Send check or money-order to:

201 South Hoskins rd. Suite 117
Charlotte, NC 28028

Make check payable to:

McAlpine Devices

Include:

The product ID and quantities of the products to be ordered, the name, address, phone, and email of the customer and where the product is to be sent.

To order by internet:

Send an email to order@McAlpineDevices.com

Include:

The product ID and quantities of the products to be ordered, the name, address, phone, and email of the customer and where the product is to be sent. Orders by the internet must be paid for by Paypal or check at this time. When the order is received, a paypal address will be sent to you for payment.

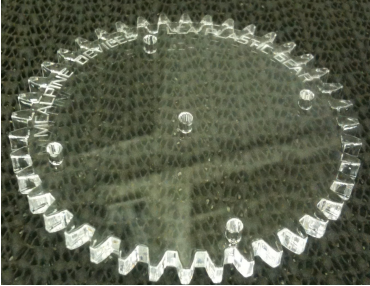
To order by phone:

Please call 704-724-3108 you may leave a message and it will be answered in the timely(est) fashion possible. Payments can be made by check or Paypal for faster service.

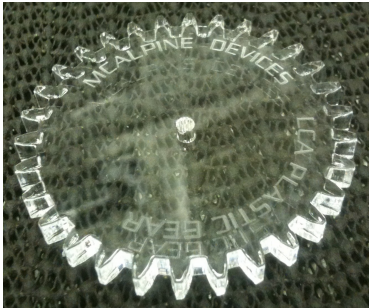
There is no warranty expressed or implied. This helps afford us the ability to give these products to the world at a great price and still make them in the U.S.A. Every product is inspected by hand before it leaves for use.

Product Images:

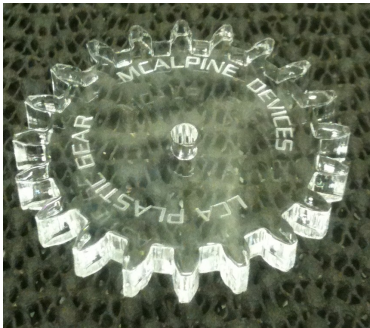
40 tooth



30 tooth



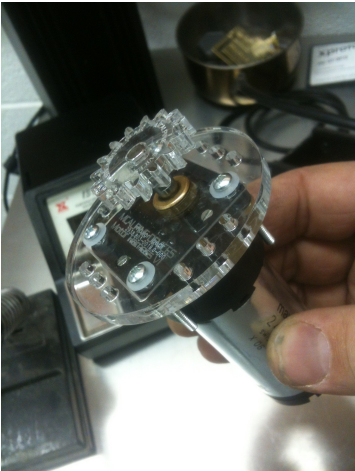
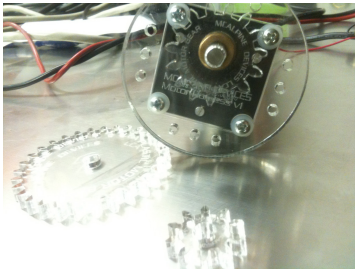
20 tooth



10 tooth



Maxon Gear-Head Motor with Harness and Adapter Gears



GearPad for gear box

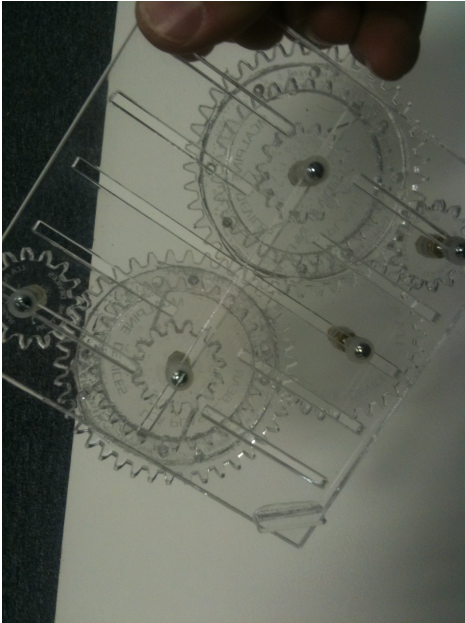


6-inch acrylic ruler



Gear box example using gear-pad and one-way clutches

[Click here for an example gear box video.](#)



<http://www.youtube.com/watch?v=wvbDV2ZFIB8>

Hardware 15 pack (steel 4-40 bolts, nylon washers, brass nuts)

