

GEX HANDHELD EXTRUDER

The GEX Hand Extruder

is the most complete, easy-to-use hand extruder on the market. It's perfect for ribbon handles, sculptural parts, and small shape runs for a thousand other uses. The GEX comes fully assembled, ready to use, and equipped with 8 solid die shapes (3 round coils, 3 square coils, and 2 ribbons). All parts are fully replaceable in case of damage or defect. It's easy to clean your GEX, too: all you need is warm water! Full instructions, parts list and adjustment tool included with the extruder.



- 15x2" aluminum barrel
- Quick-release end cap
- 12:1 mechanical gearing for smooth, easy use
- One-year warranty on parts
- Comes with 8 standard dies.
- 32 additional dies, including hollow shapes, also available.
- Hollow die center brace sold separately.

H o l l o w S h a p e s

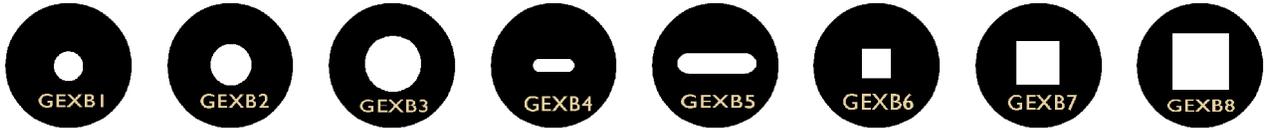
GEX	Handheld Extruder (only)	\$89.95
GEXHB	Hollow Die Brace	\$45.00
GEXEV	Handheld Extruder Complete Set	\$249.95
	<i>(includes all dies and hollow die brace: total value \$326.95 if purchased separately)</i>	

GEXH1	Lg Triangle ($1\frac{9}{16}$ " x $\frac{1}{4}$ ")	\$8.00
GEXH2	Sm Triangle ($1\frac{3}{16}$ " x $\frac{3}{16}$ ")	\$8.00
GEXH3	Lg Square ($1\frac{3}{16}$ " x $\frac{1}{4}$ ")	\$8.00
GEXH4	Sm Square (1 " x $\frac{3}{16}$ ")	\$8.00
GEXH5	Lg Octagon ($1\frac{7}{16}$ " x $\frac{5}{16}$ ")	\$8.00
GEXH6	Sm Octagon (1 " x $\frac{3}{16}$ ")	\$8.00
GEXH7	Lg Bar ($1\frac{3}{4}$ " x $\frac{1}{4}$ ")	\$8.00
GEXH8	Sm Bar ($1\frac{1}{4}$ " x $\frac{3}{16}$ ")	\$8.00
GEXH9	Lg Round Tube	\$8.00
GEXHB	Hollow Die Brace	\$45.00
GEXHB9	Set of 9 with Brace (value \$132)	\$95.00



GEX EXTRUDER DIES

Basic Shapes



Handle Ribbons



Solid Coils



Solid Ropes



Basic Shapes

- GEXB1 Round 1/4"
- GEXB2 Round 3/8"
- GEXB3 Round 1/2"
- GEXB4 Small Oval
- GEXB5 Large Oval
- GEXB6 Square 1/4"
- GEXB7 Square 3/8"
- GEXB8 Square 1/2"
- GEXBS Set of 8 Basic Dies \$50.00

Handle Shapes

- GEXN1 Handle #1 (1-1/8 x 3/8")
- GEXN2 Handle #2 (7/8 x 3/8")
- GEXN3 Handle #3 (1-5/16 x 1/4")
- GEXN4 Handle #4 (1-7/16 x 3/8")
- GEXN5 Handle #5 (7/8 x 1/2")
- GEXN6 Handle #6 (1-1/16 x 3/8")
- GEXN7 Handle #7 (1-3/16 x 7/16")
- GEXN8 Handle #8 (1-1/16 x 3/8")
- GEXNS Set of 8 Handles \$48.00

Solid Coils for Handbuilders

- GEXC1 Lg Half-Moon (1-1/2 x 13/16")
- GEXC2 Sm Half-Moon (1-3/16 x 5/8")
- GEXC3 Indented Coil (1-3/16 x 5/8")

Solid Ropes

- GEXR1 Lg 4-pt Rope (1-5/8"w)
- GEXR2 Sm 4-pt Rope (1-1/16"w)
- GEXR3 Lg 3-pt Rope (1-3/8"w)
- GEXR4 Sm 3-pt Rope (15/16"w)
- GEXRS Set of Four Ropes \$24.00

All single dies are \$8.00 each .

Congratulations on your purchase of Georgies GEX Hand Extruder!

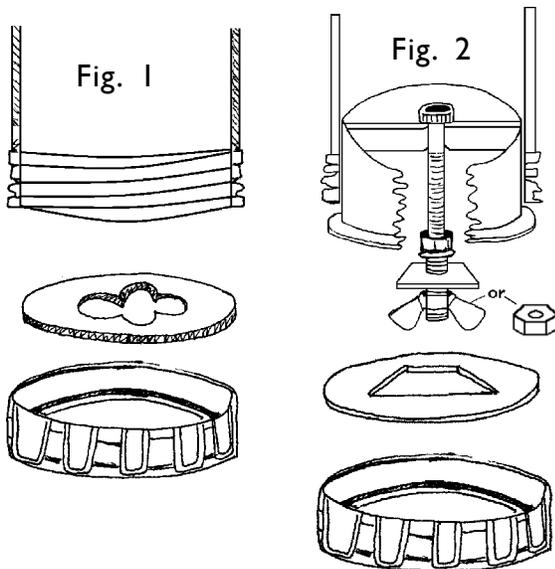
The GEX Hand Extruder is the most complete, easy-to-use hand extruder on the market. Your basic GEX Extruder comes assembled, ready to use, and equipped with 8 solid die forms (3 round coils, 3 square coils, and 2 ribbons). All parts are fully replaceable in case of damage or defect. You'll find a complete parts list on back of this sheet. Also included is the tool needed to tighten, adjust or disassemble your GEX extruder.

How to Load Your Extruder

1. Press "Release" lever and hold down with thumb of one hand while pulling back on the T-shaped handle of the plunger shaft. The tamper is now fully up at the top of the extruder barrel.
2. You may load clay from the top of the barrel or the bottom end cap, whichever you prefer.
3. You will find it easiest to load if you prepare a rough handrolled coil, approximately the width of the barrel, and drop it into the extruder through the die end of the barrel.
4. Screw the end cap with die onto barrel. You're ready to extrude!

How to Use Your Extruder

1. **ALL extruders require SOFT clay.**
2. Select the die shape desired and place it in the end cap. (See Figure 1.)
3. Load the extruder, as described above.
4. Squeeze the easy-to-use handle until the plunger engages the clay. Continue to squeeze and your extrusion evacuates from the tube. Depending on the type and length of your desired extrusion, you may find it easiest to rest the end of the barrel parallel to a table and "lay out" the extrusion. Even though the handle is easy-squeeze, this method enables many users with smaller hands to get a better grip and give the gun a "two-fisted" squeeze.
5. All of the clay evacuates cleanly from the barrel of the extruder.
6. Reload, or change dies and reload. Remember to press the release lever and pull back on the plunger shaft. As the tamper pulls back, the pressure is released and it will be easy to unscrew the end cap.



How to Use Hollow Dies

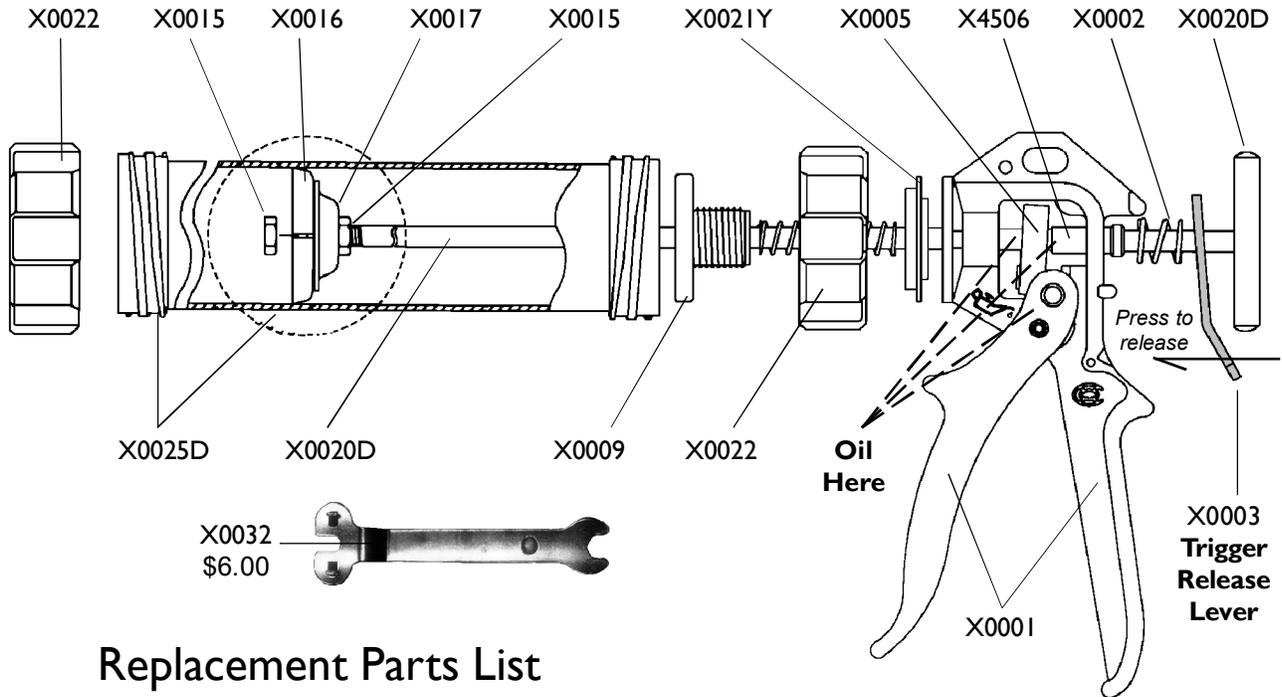
(featuring new Easy-Use Die Brace!)

1. Select your die shape. Hollow forms require 2-part dies, with both inner and outer shapes.
2. The bottom locking nut position can be adjusted with a wrench to desired height.
3. Snug the inner die up to the inner die stop.
4. Hand-tighten with wing nut or screw nut. Both are included; which one to use is your choice.
 - a. If the hollow die's center part is smaller than the wing nut, use the screw nut instead to hold the center part in place.
5. **DO NOT OVERTIGHTEN** or mechanically tighten these fittings. Lock nuts secure the screw shaft in vertical position for even extrusions.
6. Load clay in extruder.
7. Slide hollow brace, loaded with inner die, into barrel.
8. Place outer die brace into end cap and screw on.
9. Adjust position of inner die brace with Allen wrench, if necessary to conform to shape or orientation of outer die (so that corners line up with corners, unless you want them intentionally offset).
10. Simply squeeze the handle to extrude clay. There is no need to apply undue or extreme pressure. Forcing too-firm clay through the extruder or using undue force can bend dies or even break the hollow die brace. **Warranty repairs do not cover damage from undue or extreme pressure.**

It's easy to clean your GEX Extruder:
all you need is warm water!

- Occasionally apply lightweight oil to either side of Shaft Actuator and as indicated on the handle.
- Be sure that inner end cap is tight. Use enclosed tool to tighten or adjust.

Gex Extruder Parts List



Replacement Parts List

X0001	..... Handle Assembly	\$36.00
X0002	..... Upper Spring	\$1.00
X0003	..... Trigger Release Lever	\$2.30
X0004	..... Lower Spring	\$1.30
X0005	..... Shaft Actuator	\$5.00
X0009	..... End Cap Retainer	\$6.90
X0015	..... Nut	\$1.00
X0016	..... Tamper Gasket	\$3.00
X0017	..... Tamper	\$1.90
X0020D	... Plunger Shaft (state size)	\$13.25
X0021Y	... End Cap Gasket	\$3.25
X0022	..... End Cap	\$10.00
X0022A	... Inner End Cap	\$10.00
X0025D	... Barrel	\$39.52
X0032	..... Spanner Wrench	\$6.00
X1033	..... Plunger Extension	\$3.00
X4506	..... Shaft Actuator Sleeve	\$3.25

NEW on the GEX: Plunger Extension

After August 1, 2011, all GEX extruders come with the new Plunger Extension (X1033). This part reduces waste by allowing more material to be pushed through the nozzle. It is possible to bend dies or damage the Hollow Die Brace by forcing the Plunger Extension too hard against the die. This should not happen, however, in normal use.

To add the Plunger Extension to your current GEX, call us here at Georgies to order the part X1033. It screws easily onto the end of the rod.



Questions? Comments?
Need more information?
We're only a phone call away.
503.283.1353
800.999.CLAY
www.georgies.com

Georgies
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