

FLETCHER-TERRY CO.

DESIGNER II™  
Fluid Dispensing Glass Cutters



8046-0059  
(with NARROW head)\*

8048-0059  
(with WIDE head)\*

8047-0059  
(with NARROW head)\*

Designer II™ for Pattern Cutting (narrow head):

<b>8045-0059</b>	Solid Brass Pencil Grip	01-713
<b>8046-0059</b>	Plastic Pencil Grip	01-711
<b>8047-0059</b>	Plastic Pistol Grip	01-714

Designer II™ for Straight Line Cutting (wide head):

<b>8048-0059</b>	Solid Brass Pencil Grip	01-712
<b>8049-0059</b>	Plastic Pistol Grip	01-715

Replacement Heads for Designer II Cutters Only:

<b>8709-0059</b>	Narrow Head, 140°	03-712
<b>8708-0059</b>	Wide Head, 140°	03-711
<b>8710-0059</b>	Wide Head, 154°	03-713

GOLD TIP® GLASS CUTTERS  
Standard Dry Glass Cutters

8026-B059 &  
8027-B059  
(with BALL end)

8028-S059 &  
8029-S059  
(with STRAIGHT end)



Features:

- Cast from superior grade metal alloys.
- Features "Classic" contoured comfort grip handle in straight or ball end styles.
- Available with steel cutting wheels or long-life tungsten carbide cutting wheels.

Gold Tip® Glass Cutters

<b>8026-B059</b>	Steel Wheel, Die Cast, Ball End, 130°	01-122
<b>8028-S059</b>	Steel Wheel, Traditional Cast, Straight End, 122°	01-131
<b>8027-B059</b>	Tungsten Carbide Wheel, Die Cast, Ball End, 130°	01-840
<b>8029-S059</b>	Tungsten Carbide Wheel, Traditional Cast, Straight End, 124°	01-229



Quality,  
Innovation,  
Customer  
Satisfaction...

www.fletcher-terry.com

Since 1868

Designer II™ Features:

- Designer II features the innovative Fiberlock™, anti-leak, fluid dispensing valve system that lays down a perfect bead of cutting fluid as you score.
- Each comes with a 140° tungsten carbide cutting wheel and the option for fixed or swivel head scoring.
- Interchangeable narrow and wide heads for pattern or straight line scoring are available.
- Solid brass and plastic contoured handle cutters include a tapping ball for easy break-out of glass.

SCOREMASTER®  
Fluid Dispensing & Dry Glass Cutters

ScoreMaster®  
Features:

The ScoreMaster I is a dry cutting glass cutter (black opaque) and the ScoreMaster II is a fluid dispensing glass cutter (green opaque). Both feature a contoured pencil grip handle and 140° tungsten carbide cutting wheel.



ScoreMaster I  
8041-0059

ScoreMaster II  
8042-0059

ScoreMaster Cutters for Pattern Cutting  
(narrow head):

<b>8041-0059</b>	Dry Cutter 140°	01-701
<b>8042-0059</b>	Oil Dispensing Cutter 140°	01-702

Replacement Heads for ScoreMaster  
Cutters Only:

<b>8701-0059</b>	Narrow Head, 140° ***	03-701
<b>8703-0059</b>	Narrow Head, 114°	03-703
<b>8706-0059</b>	Wide Head, 140°	03-706
<b>8707-0059</b>	Wide Head, 154°	03-707
<b>8020-0059</b>	O-Rings	03-720

\*\*\*The 8701-0059 is the original standard head that both ScoreMaster Cutters come equipped.

# Glass Cutters

SILBERSCHNITT®

Silberschnitt offers glass cutters for professional or hobby glaziers: the ergonomically shaped plastic handles are comfortable to work with and allow very precise cuts, either by pulling or pushing the cutter.



### BO428-005 Easy Grip Carbide Glass Cutter

Green plastic handle - carbide cutting wheel 120° - integrated guide piece for cutting along straight edges - for opalescent or hard glass. Replacement cutting head: Cat. No. BO427-205.



### BO444-005 Easy Grip Carbide Oil Glass Cutter w/ Adjustable Handle

Blue plastic handle - with transparent tank to control oil supply - adjustable length of handle - narrow cutting head 135°. Replacement cutting head: Catalog No. BO447-105.



### BO424-005 Easy Grip Carbide Glass Cutter w/ Adjustable Handle

White plastic handle - length individually adjustable to hand size - carbide cutting wheel 120° - for opalescent or hard glass. Replacement cutting head: Catalog No. BO427-205.

### BO2004-05 Straight/Dry Glass Cutter

Toplife cutting wheel - blue plastic handle in traditional glazier shape - can be placed underneath the score to break the glass - extremely light weight cutting head made of special alloy - very fine and smooth cutting - an ideal universal glass cutter for glass thicknesses of 2-12 mm - cutting angle 135° - wheels not exchangeable.



## THE TRACKER by Aanraku

### Catalog No. AAGC-PG27

A **Pistol Grip Glass Cutter** designed by glass artists for glass artists!

- High Impact Plastic Handle
- On Demand Lubricant Supply System (Pat. Pend.)
- Custom Stainless Steel Cutting Head with Tungsten Carbide Cutting Wheel & Axle
- Larger (4.25mm / 0.167") Cutting Wheel for easily scoring textured art glasses
- Solid Brass attachment neck



AAGC-PG27

Replacement head **Catalog No. AAGC-RH27**



AANRAKU

## Inland Glass Cutters and Cutting Heads Key Features:

- Less expensive than comparable styles from other manufacturers.
- Heads, axles and wheels are highest quality tungsten carbide steel.
- Cutting wheel designed to hold its edge longer.
- Close construction tolerances for smooth rolling wheels
- Axles won't wear out before wheel.
- All cutters come with a narrow carbide head.

### Catalog No. 50072-074 SlimLine™ Cutter

Slimmer body is most like holding a pencil or pen.



### Catalog No. 50074-074 Brass Barrel Cutter

Brass barrel gives this cutter a heavier weight & feel of stability.



### Catalog No. 50076-074 Heavy Duty™ Cutter

This cutter is sized like the Brass Barrel but lightweight like the slimline.



### Catalog No. 50078-074 Pistol Type Cutter:

This style cutter is easy to hold, especially for those with weak or injured hands. The hand wraps entirely around the handle and ensures correct positioning of the cutter head to the glass, better cutting control and it takes less pressure to make a good score.



## Replacement Heads come in narrow and wide:

### Catalog No. 50090-074

Narrow Carbide Head for pattern cutting



### Catalog No. 50091-074

Wide Carbide Head for strip cutting



## TOYO

**8000-0061**

(Mfg No TC-10B)

**Original Brass Supercutter**

The Original Brass Supercutter is a durable favorite. It features an automatic oil-feed system that lubricates the wheel when pressure is applied to the head. The brass barrel serves as the oil reservoir.

- The cutter is originally equipped with the pattern head (cat. no. 8003-PH61).

Two replacement head options:

**8003-PH61** or **8004-SH61**.**8001-0061**

(Mfg No TC-10P)

**Original Clear Supercutter**

An acrylic barrel gives this Supercutter model a different balance and lighter weight than the Original Brass Supercutter. It features the same automatic oil-feed system, plus the convenience of a clear oil reservoir.

- The cutter is originally equipped with the pattern head (cat. no. 8003-PH61).

Two replacement head options:

**8003-PH61** or **8004-SH61**.**8008-0061**

(Mfg No TC-1PR)

**Comfort-Grip Supercutter**

The Comfort-grip Supercutter utilizes a simplified oil-feed system to allow a compact, lightweight design. The tapered and molded barrel fits all hand sizes and can be gripped in a traditional manner, or like a pencil.

- The cutter is originally equipped with the pattern head (cat. no. 8003-PH61).

Two replacement head options:

**8003-PH61** or **8004-SH61**.
**State-of-the-Art Cutting Wheel Technology -  
Innovative Handle Designs Over 35 Years**
**8009-0061** (Mfg No TC-9PR)**Thomas-Grip Supercutter**

The Thomas-grip Supercutter is an automatic oil-feed cutter that features a unique, ergonomically designed handle. The barrel is topped with a saddle that fits between thumb and index finger, creating a three-point grip that ensures precise control. In addition, the handle shape accommodates many other scoring techniques.

- The cutter is originally equipped with the pattern head (cat. no. 8003-PH61).

Two replacement head options: **8003-PH61** or **8004-SH61**.**8002-0061** (TC-600PR)**Pistol-grip Supercutter**

The Pistol-grip Supercutter is an automatic oil-feed cutter featuring a unique handle engineered to provide greater leverage with less effort and hand fatigue. In the classroom, this tool is popular with beginners and for those with limited hand and finger strength.

- The cutter is originally equipped with the pattern head (cat. no. 8003-PH61).

Two replacement head options: **8003-PH61** or **8004-SH61**.**8010-0061** (Mfg No TC-21PVPR)**Custom-grip Supercutter**

- Four-position saddle built into the barrel. The saddle fits between the thumb and forefinger, allowing the fingers to remain straight, relieving them of strain while scoring. The saddle is adjustable to four different heights by reversing it and a bushing from top to bottom.
- The Custom-grip has a spring-controlled oil flow system.
- TAP Wheel™ design.
- Cutter is originally equipped with the pattern head (cat. no. 8010-PH61).

Two replacement head options: **8010-PH61** or **8010-SH61**.**Toyo Replacement Heads**

Toyo cutters offer state-of-the-art cutting wheel technology as well as quality scoring and long wheel life.

**For both Original Supercutters, the Comfort-grip,  
Thomas-grip and Pistol-grip Supercutters:**

**Standard Pattern Head 8003-PH61** (Mfg No TC-10H) Narrow head, designed for pattern cutting.

**Standard Straight Head 8004-SH61** (Mfg No TC-17H)

Wide head, is designed to follow a straightedge.


**For the Custom-grip Supercutter - ONLY:**

**TAP Wheel™ Pattern Head 8010-PH61** (Mfg No TC21-HPV) Narrow head, designed for pattern cutting.

**TAP Wheel™ Straight Head 8010-SH61** (Mfg No TC21-HSV) For the Custom-grip Supercutter. Wide head, is designed to follow a straightedge.

**8019-1008****Cutter Cozy™** by Creator's Stained Glass

A foam cushioned cutter grip that fits over your glass cutter for a more comfortable hold. The Cutter Cozy™ fits Supercutter and Scoremaster cutters.

**Cutter not Included**

# Glass Cutters

## OVAL , CIRCLE & STRIP CUTTING

BY FLETCHER

### Oval/Circle Glass Cutter

Scores ovals and circles on flat glass.



**8036-0059**  
(Mfg No 05-221)

- Easy-to-operate suction cup adheres the cutter to the glass securely with the turn of a dial.
- Easy-to-read scale lets you set accurate measurements with the turn of a knob.
- Easy-to-adjust offset setting for ovals from 4.5" to 24" and circles up to 21" in diameter.
- Tungsten carbide wheel unit included.
- Made in **U.S.A.**
- **Catalog No. 8036-R059:** Carbide Replacement Wheel, 134° (mfg no 03-131).



**8036-0059**  
(Mfg No 05-221)  
**CircleMate II Glass Cutter**

- Scores circles 3" to 28" in diameter.
- Edge guide for strip cutting.
- Steel wheel unit included.
- Made in **U.S.A.**
- **Catalog No. 8035-R059:** Steel 3-Wheel Replacement Unit, 132° (mfg no 02-613)

**8030-0059** (Mfg No 05-211)  
**Small Circle/Lens Cutter**

- Cuts circles 1/2" to 5" in diameter.
- Steel wheel unit included.
- Made in **U.S.A.**
- **Catalog No. 8030-R059:** Steel 3-Wheel Replacement Unit, 132° (mfg no 02-612).



**50060-074**

### Inland Strip/CircleMaker™



Fast & easy way to score accurate circles (3" to 24-1/2" in diameter) and accurate strips (1/4" to 11-1/4" wide). Because it can be used with glass cutters, razor knives, and marking pens and pencils, the Strip/CircleMaker™ is a versatile design and construction tool for many of your hobby needs.

- Solid brass arm (metric & inch).
- Tripod circle-making base, easier to see and center your circle.
- Floating action of circle base means cleaner scores on uneven surfaces such as tile, stone or art glass.
- Includes strip base, circle base, calibrated brass bar, utility holder, and detailed instructions.
- Does NOT include glass cutter.
- Made in **China.**

**Catalog No. 50043-074:** Steel 6-Wheel Turret [add-on accessory](#).

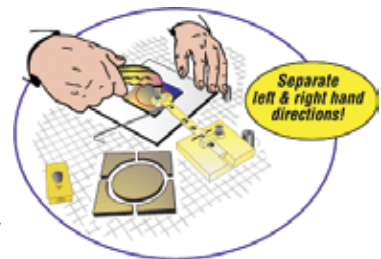
**Catalog No. 50062-074:** Steel Wheel Turret Holder [add-on accessory](#).

**Catalog No. 50065-074:** Repl. Turret and Holder [add-on accessory](#).

**TCS1-0092**

### Morton Glass Works Teeny Circle System

Use your personal glass cutter to score circles from 6" to as small as you want. Colored directions show simple setups to make quilting and contemporary designs for fusing, mosaics and stained glass.



#### Includes:

- 7" Turn Table (was TT03)
- Cutter Guide (was TC01)
- 2 Support Fixtures (from CC06)
- 1 Glass Stop (from PG01B-092)
- Color Instructions

BY SILBERSCHNITT®

### Circle Glass Cutter

For diameters up to 60 cm (23.5") and as small as 50 mm (2"). Simple execution with rubber suction pad. Cutting head made of plastic-with 6 Silberschnitt steel wheels in a turret. Made in **Germany.**

**BO501-005** "Light" Version

**BO508-005** Replacement 6-Wheel Turret (steel) for BO501-005 Light Version

**BO511-105** "Deluxe" Version

**BO518-005** Replacement 6-Wheel Turret (steel) for BO511-105 Deluxe Version



**BO501-005**

## Studio Line™ Tools (DTI)

**8031-0738** (Mfg No EC0369)

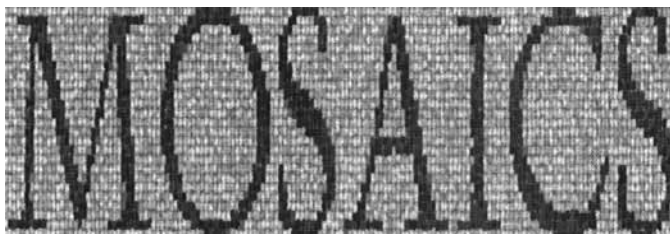
### Easy-Cut™ Lens Cutter

- Cuts precise circles from 3/8" to 5" diameter.
- Economical.
- Lifetime warranty (excludes cutting wheels).
- Made in **China.**
- **Catalog No. 8031-R738:** Repl. 3-Wheel Steel Turret.



**8031-0738**

## FOR MOSAICS

**Silberschnitt "ZAG-ZAG" . . .**

A unique way to cut glass - almost like using scissors! With this tool you can cut small glass parts as easily as never before. Basically you use the Zag-Zag as you would scissors. One hand holds the glass and the other cuts, using light pressure on the pliers.

**BO701-005****Professional Glass Nibbling Pliers with Splinter Bag**

Sturdy, top quality pliers with splinter bag. The professional pliers for the most demanding art glass applications.

- **Cat. No. BO701-105:**

Replacement Cutting Wheel.

- **Cat. No. BO701-905:**

Replacement Splinter Bag.

**BO701-005****BO703-025****Glass Nibbling Pliers with Splinter Bag**

The all-round pliers for general glass and mosaic work.

- **Cat. No. BO703-205:**

Replacement Cutting Wheel.

- **Catalog No. BO7050-05:**

Replacement Splinter Bag.

**BO703-025****BO703-505****"Junior" Glass Nibbling Pliers**  
Beginner's model.

- **Catalog No.**

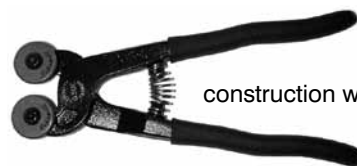
**BO-085605:** Replacement Cutting Wheel.

**BO703-505**

## CLASSIC AMERICAN

**7917-1139****Mosaic Glass & Tile Cutter**

Economical professional cutter for mosaic glass. All steel construction with spring return to full opening. **Made in Taiwan.**

**7917-1139**

## STUDIO LINE™ TOOLS (DTI)

**MA0491-38****Wheeled Glass Nipper**

A great time saver for quickly nipping stained glass into geometric and random shapes. Easy-to-use. **Made in Taiwan.**

**MA0491-38****MA0492-38****Mosaic Tile Nippers**

Specifically designed for mosaic work. Easy-to-use tool quickly nips glass and ceramic tiles into shapes. Tungsten carbide nippers stay sharp. Features offset design to make nipping safe. **Made in Taiwan.**

**MA0492-38****MA0493-38****Mosaic Glass Scorer/Breaker**

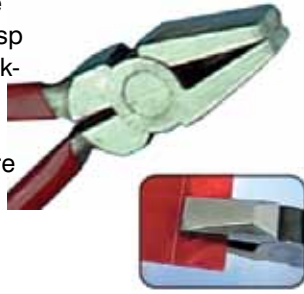
**Made in Taiwan.**

Two-in-one tool: A cutter and a breaker to cut and snap ceramic tile and glass tile up to 6" square and 1/4" thick. Tungsten carbide cutting wheel provides precision scores.

**MA0493-38****8032-0738**

Pliers

The straight jaws on these pliers are designed to grasp the glass to assist in breaking long thin pieces of glass. The wide jaws meet only at the tip and are not serrated.



DuraLife by Inland

**60512-074**

- 6-1/2" long (16.5 cm)
- Drop forged, machine finished
- Comfort-grip, vinyl dipped handles
- Heavy-duty construction
- **Made in China**

**BREAKING PLIERS**

Classic American

**7926-1139**

- 6" long (15.2cm)
- 1/2" (12.7mm) jaw width
- Spring loaded jaws
- **Made in Taiwan**

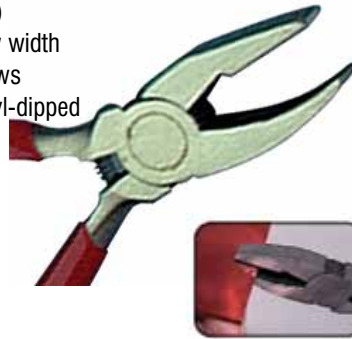
**COMBINATION BREAKER - GROZER PLIERS**

As suggested by their name, these pliers are designed for double duty. Their primary function is to grasp the glass securely on one side of a score when breaking it apart. Both jaws have serrated teeth to assist in their second duty, grozing.

DuraLife by Inland

**60511-074**

- 6" long (15.2cm)
- 3/8" 9.5mm) jaw width
- Spring loaded jaws
- Comfortable vinyl-dipped handles
- **Made in China**



Fan-Out V

**8075-0072**

- 6-1/4" long (15.8cm)
- 3/8" (9.5mm) jaw width
- Spring loaded jaws
- High quality steel
- **Made in Japan**

Silberschnitt

**BO089-105**

- 6-1/4" long (160mm)
- 5/32" (4mm) jaw width
- Plastic coated handles
- Ground head
- Small contact area
- Little strength required
- **Made in Germany**



Studio Pro by DTI

**SP601-738**

- 6" long (15.2cm)
- 3/8" (9.5mm) jaw width
- Spring loaded jaws
- **Made in China**

Classic American

**7906-1139**

- 6" long (15.2cm)
- 1/2" (12.7mm) jaw width
- Spring loaded jaws
- **Made in Taiwan**

**7927-1139**

- 6" long (15.2cm)
- **1/8" (12.7mm) jaw width**
- Spring loaded jaws
- **Made in Taiwan**

These pliers are designed to apply pressure under a score causing the break to follow (run) along the score line.

Inland

**60025-074**

- 8" long (20.4cm)
- Strong lightweight, fiberglass-reinforced material
- **Made in USA**
- **Cat No 60026-074:** Replacement Jaws for 60025-074.



Classic American

**7903-1139**

- 8" long (20.4cm)
- Lightweight plastic
- **Made in Taiwan**

**PLASTIC RUNNING PLIERS**

Fletcher-Terry

**8060-0059**

- 8" long (20.4cm)
- Break-out glass up to 1/4" (6mm) thick
- Made of lightweight plastic
- **Made in USA**
- **Cat No 8062-0059:** Replacement Jaws

**8061-0059**

- 6" long (15.2cm)
- All other features same as Fletcher's other running pliers (**8060-0059**)
- **Made in USA**
- **Cat No 8063-0059:** Replacement Jaws

METAL RUNNING PLIERS

DuraLife by Inland

60510-074

- 8" Long (20.4cm)
- Thumbscrew adjustment to control pressure applied to the score
- Recommended for thicker glass
- **Made in China**

**Cat No 60517-074:**  
Rubber Replacement Tips for Inland Metal Running Pliers.

Classic American  
Studio Pro™ by DTI

7904-1139

- 8" Long (20.4cm)
- 1" Jaws (2.54cm)
- **Made in Taiwan**

SP600-738

- 8" Long (20.4cm)
- 1" Jaws (2.54cm)
- **Made in Taiwan**



These pliers are designed to apply pressure under a score causing the break to follow (run) along the score line. Metal Running Pliers have the added advantage of being adjustable for the thickness of glass you are working with.

SILBERSCHNITT

BO700-105

Running Pliers with Adjustable Rotating Jaw

8" Long (20.4cm)

These patented glass running pliers open the score step by step, fully controlled, millimeter by millimeter, even with tight inner radii and extremely narrow pieces.

**Made in Germany**

**Cat No. BO7003-01:**

Replacement Pressure Bar

**Cat No. BO7002-05:** Replacement Pressure Plate



BO700-105

BO707-005

The Joker

Used as a support for the hands when breaking glass manually. The glass is held so that the fingers do not touch the sharp breaking edges. The thumbs are above, on either side of the scored line and the fingers are below the glass. Upon bending the JOKER distributes the pressure and counter pressure evenly, resulting in a controlled, safe break. The JOKER

is positioned below the glass, with the scored line over the center of the JOKER. Ideal for glass up to 5 mm thick.

**Made in Germany**



BO707-005

SB01-0092

The Safety Break System

A two-part method that begins the start of the break anywhere along the score. It permits several glass breaking options to the user and comes with full instructions. Requires Mini or Maxi Surface purchased separately.

This patented idea includes the breaking button, powerful and easy to use pressure block, and the Morton runner. The Runner improves the power and control of hand breaking and is invaluable to the glass worker.

**Made in U.S.A.**

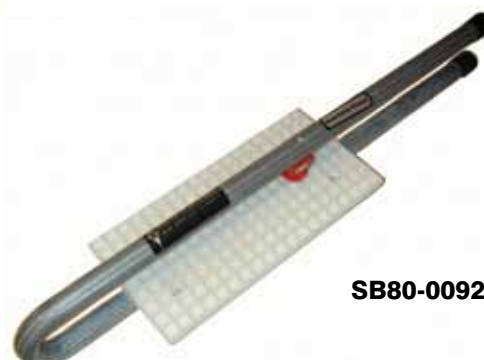


SB01-0092

SB80-0092

The M-80 Safety Break

A powerful, safe, and easy way to break glass. Especially helpful with breaking textured or rippled art glass or helping to recover from a bad score. With the breaking head always centered over the button, the M-80 is the easiest to use of all breaking tools. Made in U.S.A.



SB80-0092

MORTON SYSTEM

**The Morton Surfaces** are a safe and clean way to cut glass. The surface protects your work area and eliminates scratches to your glass by collecting the glass chips. The Morton Surface also serves as a "base" for many of the cutting and breaking accessories/tools made by Morton Glassworks. Use the Mini Surface for the Light Box (TLK1-0092), the Tool Box (TBK2-0092), or a Grinder Station (GA01-0092). The Super Mini is two cells taller than the Mini and comes with a 15" cutting bar. When used with PG01B you have near Maxi function in the space of a Mini Surface. The Super Mini easily accommodates a 12" square of glass.

**SS02-0092****Mini Surface**

14-1/4" X 22-1/2"

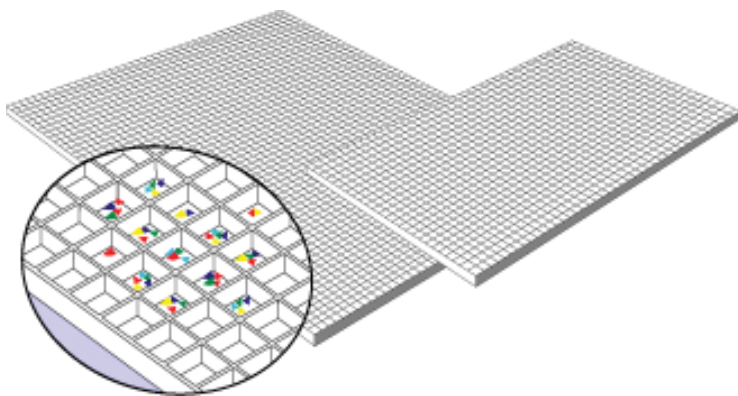
**SM03-0092****Super Mini Surface**

15-5/8" X 22-1/2"

(with 15" Glass Shop Cutting Bar)

**LS01-0092****Maxi Surface**

22-1/2" X 31-3/4"



## CUTTING SYSTEMS

**PG01B-092****Portable Glass Shop**

Plug in fixtures that transform the Morton Surface into a glass cutting jig system. You can make all the geometric shapes quickly and easily. 78 minute audio CD and instruction manual included (surface sold separately). The Glass Shop includes fast angles, reversible Squaring Fence for regular and thin art glass and a quality ruler with both metric and inch scales.

**Accessories for the Portable Glass Shop:****PG03-0092****Studio Cutting Bar**

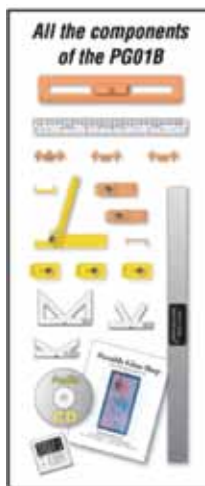
A longer straight edge for those who work with larger sheets of glass. The bar is 31-1/4" long and is designed for the Portable Glass Shop and the Maxi Surface.

**PG02B-092****Fence Extension**

The fence extension will add 5" to the PG01B-092 Squaring Fence. The included metric/inch ruler, when added to the unit allows fast measurements and consecutive strip cutting.

**PG06B-092****Glass Stop**

Extra Stops for the Portable Glass Shop for added flexibility. Sold in packages of five.



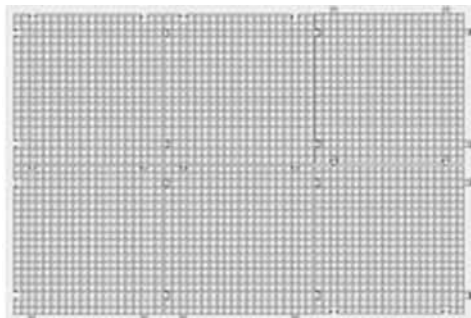
9" longer than the bar that comes with the Glass Shop.



Studio Cutting Bar #PG03

Fence Extension #PG02B

## CUTTING SURFACES

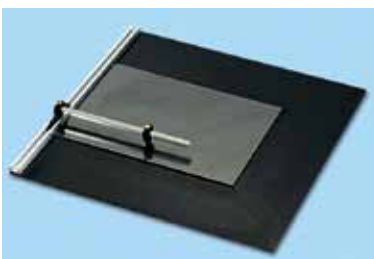
CREATOR'S  
STAINED GLASS
**1981-1008 THE WAFFLE GRID / SIX PACK**  
**1982-1008 THE WAFFLE GRID / TWO PACK**

This interconnecting grid allows the user to configure the shape of their worktable. Made of high impact Lexan, the surface of the 1/2-inch pockets are rounded smooth to allow your glass to glide. The Waffle Grid comes packaged in a 6-Pack or 2-Pack of 11-1/4" x 11-1/4" grid sections. Modular design allows you to have one small surface of 11 inches by 11 inches square or a large surface of unlimited size by interconnecting many grids.

## CUTTING SYSTEMS

**B0536-005****Cutting Mat & Strip/  
Circle Cutter Combo**

The mobile, roll-up work place for glass artists and hobbyists. The rubber mat is attached to a 60 cm long guide rail and can be laid on any table.



It prevents soiling or damage from glass splinters. After use, simply shake out and roll up. Includes detailed instruction manual.

Useful in many ways:

- Practical working surface.
- Strip cutter.
- Circle cutter.
- Trapezium cutter.
- **Made in Germany**

**B0536-105****Geo-Master Cutting System**

A practical supplement to the Silberschnitt Cutting Mat. Geometric shapes can be repeated easily and accurately cut, thus saving time and material. Includes detailed instruction manual.



Efficient cutting of:

- Strips, parallelograms, mitres
- Diamonds, trapeziums
- Hexagons and octagons
- for decorative wall lamps, star designs, terrariums, and many more
- **Made in Germany**

## LIGHT BOXES

**TLK1-0092****Thrifty Light Kit**

Add a GE "Bright Stick" (available at most discount stores) and Mini Surface (sold separately) for a light box.

**TBK2-0092****Tool Box Kit**

Transform your Thrifty Light Kit by adding this Tool Box Kit and a Mini Surface (sold separately) for a portable and practical toolbox and cutting board.

## Morton Glass Works

## Diamond Tech International

**TC-043038****True Colors Light Box**

Excellent for tracing patterns, drawing patterns on glass, and comparing glass color samples. Made with a white enamel metal shell, and a durable plexi-view screen, the True Colors Light Box will brighten your path to easy pattern tracing for years to come. The optional color corrected lights show the true colors of your stained glass (unlike standard fluorescent tubes) before deciding if it's right for your window. Large 16" x 24" plexiglass surface accommodates from small to large applications. Light tubes are not included.



**50050-074 & 50055-074****Score One™ & Score One Combo™**

Accurately score on all types of glass. Ideal for those who cope with hand and wrist problems or anyone who finds it difficult or awkward to use traditional style glass cutters. Maintains consistent scoring pressure from start to finish. Made in U.S.A. Available as Standard model (#50050-074) or Combo version (#50055-074) with the circle/strip accessory.

- **Catalog No. 50051-074:**  
Repl. Carbide Wheel.

- **Catalog No. 50052-074:**  
Replacement Tread 1/2" wide (older models)

- **Catalog No. 50053-074:**  
Replacement Tread 3/8" wide (newer models).

- **Catalog No. 50056-074:**  
Circle/Strip Accessory  
add-on for standard 50050-074.

**8032-0738** (Mfg No BC0366)**Ephrem's Bottle Cutter**

Everything you need completely assembled and ready to use. Includes: bottle cutter, candle, polishing paper and compound, easy-to-follow instructions and ideas of what to make. Lifetime Warranty (excludes cutting wheels).

**8032-0738****77-772113****Bottle & Jar Cutter**

Features an exclusive floating head design that enables you to cut bottles and jars of various shapes and sizes.

- Includes: adjustable bottle cutter, two cutting wheels, glass taper, adjustment wedge, five glass sanding sheets for finishing the cut edges and a 24 page full color bottle cutting reference guide.

**77-772113****UNIQUE EFFECT****B0719-005****Scallop-Beveling Tool**

A specially developed hand tool producing decorative scallop designs on glass edges (3-25 mm thickness). Very little grinding and polishing work required. Includes detailed instructions. **Made in Germany**

- **Catalog No. B0719-505:** Positioning aid for regular scallops, add-on accessory.

- **Catalog No. B0719-105:** Replacement Bit.

**B0719-005****B0719-505****Siberschnitt****F. Y. I. ...****Web Site Addresses...**

**Armour Products:**  
[armourproducts.com](http://armourproducts.com)

**Diamond Tech/StudioPro™ Tools:**  
[dticrafts.com](http://dticrafts.com)

**Inland Craft Products/DuraLife™ Tools:**  
[inlandcraft.com](http://inlandcraft.com)

**Morton Glass Works:**  
[mortonglass.com](http://mortonglass.com)

## STRAIGHT EDGE &amp; SQUARING

Fletcher-Terry



8043-2459

**The Fletcher Edge™**

Made of heavy weight anodized aluminum with a non-skid rubber base pad and easy-grip feature. The bevel edge side is for easy, accurate marking. Thicker side 3/16" (5mm), is ideal for guiding, cutting, or scoring tools.

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N**Glass Cutting/Drafting Squares**

Sturdy all plastic construction - Four sizes:

<b>7935-1139</b>	12" / 305 mm	(unmarked)
<b>7936-1139</b>	18" / 457 mm	(unmarked)
<b>8093-0069</b>	24" / 610 mm	(unmarked)

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60518-074

**Rulex™**

The Rulex™ is a reversible and adjustable rule for cutting, drawing and scribing on glass, wood, tile, framing and many other materials. The Rulex™ adjusts from 0° to 135°. Use it to quickly lay out and duplicate angles on any geometric shape, repeated pieces, panel lamps, or border pieces. It also has an angle-finding feature that eliminates the guesswork and helps ensure accurate, better fitting glass pieces.

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I**SP658-738 Studio Pro No-Slip Stainless Steel Ruler**

Made of rust-resistant stainless steel, this 18" ruler is backed with a strip of cork. Cork backing prevents the ruler from sliding on glass and eliminates scratches regular metal rulers can leave behind. Raised edge, gives added protection against smearing.

## GET ORGANIZED!

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60501-074

**The Glass Station™**

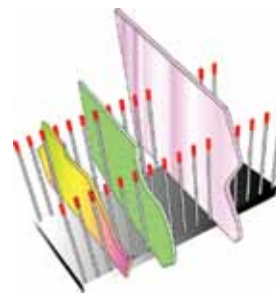
Keep all your tools handy and organized. Specially sized compartments hold pens, knives, and glass cutters, pattern shears and all types of pliers. A well holds a flux bottle securely with a flux brush holder. Keeps four sizes of foil neat and ready for use. Iron stand with drip plate and tip cleaning sponge. Two catchall trays hold all those miscellaneous tools and items. Retractable handles make it easy to transport.

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GC01-0092

**Glass Caddy**

Metal rack will store up to 45 square feet of glass. Have several for your workshop.



CC06-0092

**Cutter Caddy**

Six durable plastic tubes for cutters, markers etc. Slip inside the "cells" of a Morton Surface for a handy tool holder.



GRINDERS

Gryphon



1380-1063

**1380-1063**  
**Twister Convertible Grinder**

**DC Motor**                      **RPM: 3000 (+/- 15%)**                      **Warranty: Five Years**

The Gryphon Twister offers a revolutionary advance in comfort when grinding. By simply rotating the base, the grinding surface converts from horizontal to inclined. For the first time, you can sit while grinding. Even if you stand, the inclined work surface reduces fatigue. An automatic pump supplies a constant flow of water directly to the bit regardless of horizontal/inclined orientation. Having virtually no splash this grinder does not require a sponge. Easy change Slip-on bits: the bits slip onto the shaft and are held securely in place with a slight twist.

**Key features of Gryphon's Twister Grinder include:**

Built-in Pump with spongeless cooling                      Second Story Platform                      Includes TWO Slip-on  
10" x 13" Base Platform                      Face Shield                      Grinder Bits: 3/4" & 1"

**10030-074**  
**Wizard IV™ Grinder**

**Max. Horse Power: 1/9**                      **Max. Torque: 40 oz-inch**                      **Max. RPM: 3550**  
**Warranty: Five Years**

This fourth generation Wizard™ is designed for the professional glass artist. Hobbyists looking for "the best" will also appreciate this workhorse machine. A convenient covered accessory tray is built into the reservoir. Accepts all Inland grinder accessories and over 40 grinding bits. Accepts both the TwinSpin RetroFit Kit™ and the 3-Step Beveler Kit™.

**Key Features of Inland's Wizard IV™ Grinder include:**

14-1/2" x 11-1/2" Base Platform (reversible)                      FaceShield™  
LiftOff™ reservoir makes cleanup fast and easy                      Includes TWO Grinder Bits: 1" Standard and  
SecondStory™ Work Surface                      1/4" drilling/grinding



10030-074

Inland

Diamond Tech



8415-0738

**8415-0738**  
**Power Max II™ Deluxe Grinder**

**Max. Horse Power: 1/8**                      **Max. Torque: 33 oz-inch**                      **Max. RPM: 3600**  
**Warranty: Six Years**

This high speed professional router style grinder is perfect for shaping and smoothing your cut glass edges. **Key features of Diamond Tech's Power Max II™ grinders include:**

BOTH Power Max II™ Grinders:  
9-1/2" x 9-1/2" Easy Glide work surface  
Super Sponge water -cooling system  
Includes TWO Grinder Bits: 1" & 1/4"

Additional features of the Power Max II™ Deluxe Grinder (8415-0738):  
Universal Face Shield  
Easy-On Footswitch  
A THIRD Grinding Bit: 3/4"

**8414-0738**  
**Power Max II™ Value Grinder**

**1373-1063**  
**Studio Grinder**

**DC Motor**                      **RPM: 3000 (+/- 15%)**                      **Warranty: Five Years**

Offers top performance at a modest price. Powerful DC motor won't slow down even under heavy use. A gravity-fed coolant tower delivers fresh water to the grinding head at all times. Two grinding heads can be mounted at the same time, and both will be lubricated by the sponge even if the heads are different diameters (eliminating the need for a second story surface). Simple, rugged construction for long life. **Key features of the Gryphon Studio Grinder include:**

9-3/4" x 9-3/4" Platform                      Face Shield  
Cooling Tower (gravity fed, works w/ all size bits)                      Includes ONE Grinder Bit: 1"



1373-1063

Gryphon

20050-074

**Impulse™ Touch-Top™ Grinder**

Max. Horse Power: 1/11  
Max. RPM: 3500

The most popular mid-priced grinders made. The strong motor can power an excellent assortment of bits (40) and every Inland grinder accessory. Both the Impulse™ and WizCG™ grinders are equipped with a 9" x 10" reversible grid and a liftoff reservoir for fast clean up. Both include the capability to be converted into a TwinSpin™ Disk Grinder (RetroFitKit™ Catalog Number 50005-074) and a 3-Step Beveler (Kit, Catalog Number 50006).

**Key features of Inland's Impulse™ and WizCG™ Grinders include:**

**Impulse™:** TouchTop™ surface turns the machine on and off automatically, TWO Grinder Bits: 1" Standard and 1/4" drilling/grinding, and can be converted to a Disk Grinder or 3-Step Beveler.

20030-074

**WizCG™ Glass Grinder**

Max. Torque: 30 oz-inch  
Warranty: Five Years

**WizCG™:** Includes TWO Grinder Bits: 3/4" Standard and 1/4" drilling/grinding, can be converted to a Disk Grinder or 3-Step Beveler. Standard 2-way on/off switch.



20050-074

10650-074

**SwapTop™ Glass Grinder**

DC Motor Max. Torque: 48 oz-inch Max. RPM: 2800  
Warranty: Two Years Variable Speed

Thinking about purchasing a full-size or full-feature grinder? Now you can get a grinder that will also convert to a table saw! The SwapTop™ is a tool so powerful it does the work of two machines (with the additional purchase of the Table Saw Conversion Kit, #10665-074). The innovative design gives you both a router/shaper and a table saw in the same machine with a simple conversion that takes just a minute. The reservoir has a spring latch system, which



10650-074

holds it securely in place. The permanent magnet motor is a self-contained housing unit – positioned vertically it is used for grinding, positioned horizontally and used with the Table Saw Conversion Kit, it is used as a saw. **Key features of Inland's SwapTop™ include:** 9" x 10-3/4" Work Surface TWO Grinder Bits: 1" Standard and 1/4" Standard

Easy, affordable conversion to a table saw (wet/dry) with the **Table Saw Conversion Kit** purchased separately (Cat. No. 10665-074). Features: 10"x12" Aluminum surface, Fence & 6-1/2" General Purpose Blade for dry sawing non-ferrous soft metals... see pages referring to table saws for converting your SwapTop™ Table Saw into a Glass Grinder!

30050-074

**Aero™ Touch-Top™ Grinder**

Max. Horse Power: 1/22  
Max. RPM: 3450

More stained glass hobbyists have purchased Wizling grinders than any other grinder made. The Aero™ is the TouchTop™ version of the WizlingCG™. Both grinders are equipped with a 9" x 10" reversible grid and a liftoff reservoir for fast clean up.

**Key features of Inland's Aero™ and WizlingCG™ Grinders include:**

**WizlingCG™:** Standard 2-way on/off switch  
ONE Grinder Bit: 3/4" Std.

**Aero™:** TouchTop™ work surface turns the machine on and off automatically &  
ONE Grinder Bit: 3/4" Standard.

30030-074

**WizlingCG™ Glass Grinder**

Max. Torque: 15 oz-inch  
Warranty: Five Years



30050-074

Gryphon



1381-1063

1381-1063

**Gryphette Grinder**

DC Motor RPM: 4350 (+/- 15%) Warranty: Five Years

The Gryphette offers one of the best values in a glass grinder today. The small enclosure houses a surprisingly powerful DC motor. Even when using 1" diamond bits, it is virtually impossible to stall the motor. Simple, rugged construction for long life.

**Key features of Gryphon's Gryphette include:**

6-3/4" x 6-3/4" Platform & ONE Grinder Bit: 3/4" Standard



10620-074

10620-074  
GTO Grinder

DC Motor	Max. Torque: 48 oz-inch	Max. RPM: 2800
Warranty: Two Years		

Built to be the toughest grinder out there, the GTO is also one of the easiest on the wallet. It is the Inland grinder with the lowest MSRP.

Includes: Motor unit, base, reservoir top, reversible grid work surface, 3/4" (WB-1) diamond grinding bit, BitSert™ with splash guard, allen wrench, sponges and instructional guide.

**Key features of Inland's GTO™ include:**

- Powerful - 48 oz-inch of torque - more than any other machine in its class
- Built in Speed Control
- Large 9" x 11" Work Surface (reversible)
- Quick and Easy Product Assembly. Operation is easy and straight forward.

10880-074

**SwapTop™ 8" FLAT LAP**

DC Motor	Max. Torque: 48 oz-inch	Max. RPM: 2800
Warranty: Two Years		

The SwapTop™ 8" Flat Lap is the most affordable full featured flat lap glass polishing set up on the market. With 75% more diamond surface than the original version 6" Flat Lap Machine, the new 8" version is a glass workers dream come true.

**Key features of Inland's SwapTop™ 8" FLAT LAP include:**

- Versatile: Use for a range of glass projects.
- Quiet and Powerful.
- Four 8" Diamond Disks.
- Quick and Easy Product Assembly.
- Converts to a Table Saw or Glass Grinder.



10880-074

**CONVERSION KIT AVAILABLE:** Convert your existing SwapTop Came Saw (10660-074), SwapTop Tile Saw, or the Swap Top Grinder (10650-074) into the **8" FLAT LAP machine...** WHEN THE ORIGINAL MACHINE IS EQUIPPED WITH THE BUILT-IN VARIABLE SPEED CONTROL SWITCH (newer models). **CATALOG NO: 10885-074**

1385-0063

**Gryphon Wet-Belt Sander**

DC Motor	RPM: 3500 (+/- 15%)	Warranty: One Year
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This new Gryphon product presents an entirely new category of tool for the glass artist. With the large grinding belt, offering a huge 90 square inches of grinding surface, you can now accurately grind straight lines or true up large curved surfaces quickly and easily. A small platform helps steady your work and tilts for easy beveling. A variety of belts are available from coarse for fast grinding to ultra smooth.

**Key features of Gryphon's Wet-Belt Sander include:**

- High Speed DC Motor for fast grinding.
- Simple construction with few moving parts
- Direct drive - no belts or pulleys
- Convenient water reservoir under the lower wheel uses a standard kitchen sponge to keep the belt wet.
- 90 Square inches of grinding surface.
- Three Belts included
- Ruggedly constructed of high-impact plastic, aluminum and stainless steel.



1385-0063

**"Economy" Replacement Belts** (2 per pack): •80 Grit - Cat. No. **1385-080G**

•120 Grit - Cat. No. **1385-120G** •400 Grit - Cat. No. **1385-400G**

**"Premium" Replacement Belts** (1per pack): •80 Grit - Cat. No. **1386-P080**

•120 Grit - Cat. No. **1386-P120G** •400 Grit - Cat. No. **1386-P400**

**"Premium" Cork Belt** (1 per pack): Catalog Number **1386-CORK**

8411-0738

## Diamond Max 2 in 1 Disk Grinder

Max. Horse Power: 1/8  
Max. RPM: 3600

Max. Torque: 35 oz-inch  
Warranty: Six Years



8411-0738

Two-in-One Grinder. The first glass grinder to combine a flat diamond disk for straight edges with a router style bit for curves. Use the 30°/45° Bevel Block™ for perfect fitting beveled edges.

**Key features of Diamond Tech's Diamond Max include:**

1" (8411-0410) Chrome Hardened Grinding Bit  
Advanced Super Sponge™ Water Cooling System

9-1/2" square work surface  
30°/45° Bevel Block™

Convertible into a Bevel Max™ with kit purchased separately (cat. no. 8411-0119)

8407-0738

## Bevel Max Beveling System

Max. Horse Power: 1/8  
Max. RPM: 3600

Max. Torque: 35 oz-inch  
Warranty: Six Years

Make your own bevels in four easy steps! Now you can create custom made, affordable bevels or re-shape and polish stock bevels in minutes.

**Key features of Diamond Tech's Bevel Max include:**

Max Grinder™ base	Polishing pad, polishing compound
6" diamond disc (180 grit)	Bevel Block™ guide
15 and 60 grit micron laps	Max Splash Shield™ with water bottle

*How To Bevel* instructional video



8407-0738

# GRINDER ACCESSORIES & PARTS

50014-074

## Grinder Station™



This vinyl covered backdrop helps contain over spray that sometimes

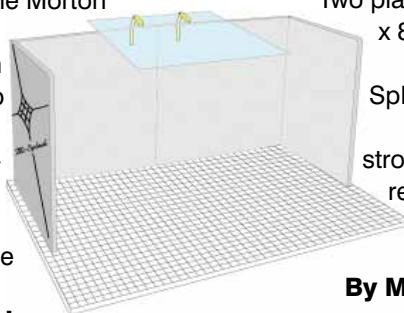
occurs when you grind. It keeps your surrounding work area clean & dry. This washable, foldable accessory is also imprinted with helpful information and tips that you would want to have handy as you work. **By INLAND.**

GA02-0092

## Mr Splash

When combined with the Morton Mini Surface the grinder spray hits Mr. Splash and the water drips into the cells below – trapping the mess and protecting your home. Mr. Splash, Safety Splash and the Mini Surface are sold separately.

**By Morton Glass Works.**



GA03-0092

## Safety Splash

Two plastic clips attach the 8" x 8" polycarbonate eye shield to Morton's Mr. Splash (sold separately). Polycarbonate is very strong and very clear. For replacement lens order catalog number GAR5-0092.

**By Morton Glass Works.**

8415-2738

## Universal Face Shield™

Protect your eyes and face without interfering with view or freedom of movement. Metal frame covered in protective rubber with special transparent polyurethane shield. Universal design fits any grinder.



**By Diamond Tech International.**

50017-074

## FaceShield™

The FaceShield is added protection against ground glass chips. The large 12" x 9" acrylic plastic shield fits any Inland grinder.

**By INLAND.**



50018-074

## MagnaShield™

The MagnaShield has an optical quality convex magnifying surface. It magnifies the area around the grinding bit, making grinding easier and less tiring. Fits any Inland grinder.



**By INLAND.**

1384-FS63

## Face Shield Kit for Gryphette & Twister Grinders



An optional accessory for the Gryphette Grinder, or replacement for the

Twister Grinder. Convenient flip back face shield.

**By GRYPHON.**

50001-074

## SecondStory WorkSurface™

This handy elevated work surface sits on top of your existing work surface.



It makes grinding with small bits easier. The self-contained coolant reservoir keeps the bits

lubricated. The Second Story fits all Inland and Glastar grinders with open grid surfaces. **By INLAND.**

1684-1197

## Grinder Cookie



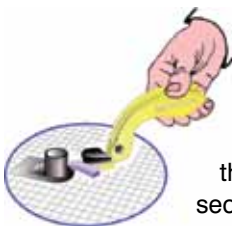
"Great Results without the Grind" - Positions & holds glass during grinding - Saves wear & tear on fingers.

**From the "TableFoil" Guys**

GA04-0092

## Grinder Tongs

Grind small glass pieces safely! The duckbill design helps hold the glass square to the grinder head. Because the glass is held secure and square, anyone can safely



and accurately grind small glass pieces without fear of cut fingers. For replacement pads order catalog number GAR6-0092.

**By Morton Glass Works.**

8097-1127

## Nick's Grinder's Mate

Saves fingernails and protects fingertips while you grind. Grind faster, easily and more accurately than ever before! Spring loaded jaws enable you



to securely grip small glass pieces with ease. **By Aanraku Stained Glass.** Replacement Pads: Catalog Number 8097-RP27.

60531-074

## ThumbSavers™

These synthetic rubber devices fit on your thumbs and lock into the edge of your glass to push it safely against the grinding bit. **By INLAND.**



7940-1139

**Foot Switch**

Power with just a tap of your toe. The Foot Switch allows active craftsmen the freedom they need to keep their hands on their project instead of fumbling with knobs and switches. A simple tap of the toe will turn on or off any electrical device...like your grinder or band saw!



By **Classic American.**

50019-074

**FlexShaft™**

Turn your grinder into a hand-held engraving, drilling, shaping tool. The FlexShaft accessory fits all grinders with a 5/16" motor shaft. Simply plug it on and it's ready to go. Drill-style chuck holds up to 1/8" shaft.



By **INLAND.**

60004-074

**30°/60°/90° Combination Square**

Multi-purpose with circle guides, ruled edge, lipped edge guide. Use right or left handed. Dimensions approximately: 5.75" x 9.75" x 11.25"



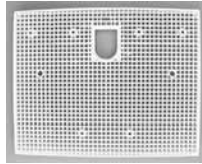
By **INLAND.**



50004-074

**Wizard Worksurface**

Replacement worksurface for the older Wizard grinder (1981-2002).

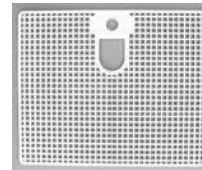


By **INLAND.**

50081-074

**TwinSpin/Aero/Impulse/Wizard IV Worksurface**

Replacement worksurface for the current (1994-) Inland models: TwinSpin, Impulse, WizCG, Aero, WizlingCG, and Wizard IV.



By **INLAND.**

90102-074

**Grinder Sponge**

Replacement Sponge for Inland Grinders.

By **INLAND.**



50022-074

**Motor Shaft Lubricant**

Prevent your grinder bits from freezing to the motor shaft! Teflon based lubricant helps prevent "frozen" bits. Helps keep grinding dust out of motor shaft. Apply a small amount to the motor shaft every time you move or change a bit or diamond disc.

By **INLAND.**



8415-1738

**Super Sponge™**

Technologically advanced Super Sponge can absorb over ten times its weight in water and the superior wicking ability will assure that your grinder bit will always have sufficient water to both protect the bit & keep the glass cool during grinding.

By **Diamond Tech International.**



90104-074

**SecondStory L Sponge**

Replacement Sponge for the Second-Story Worksurface.

By **INLAND.**



40030-074





**Grinder Splashguard**





Replacement Splashguard (inserts into BitSerts, behind grinder sponge)

By **INLAND.**



**Inland Grinder Replacement BitSerts – Reference Guide:**

Model (Year)	Standard	Invisible Sponge
Wizard IV Wizard (1996-2002) Aero, Impulse (1994-current) WizlingCG, WizCG (1997-current) PopTop Wizling, Wiz (1996-1997)	 3/4" #40036-074	 3/4" #40035-074
Wizard IV Wizard (1996-2002) Impulse (1994-current) WizCG (1997-current)	 1" #40041-074	 1" #40040-074

Model (Year)	Standard	Invisible Sponge
PopTop Wiz, Wizling (1986-1996)	 3/4" #40046-074	 3/4" #40045-074
Wizard (1981-1996) Wiz (1981-1986)	 3/4" #40051-074 1" #40056-074	 3/4" #40050-074 1" #40055-074
Wizling 3/4" ONLY (1981-1986)		

## Bit Language

The selection of bits you need depends on the type of work you do. **Grinder Bits (Heads)** are made in a variety of sizes and shapes for specific applications. The following terminology describes the many types of diamond grit & their intended uses.

- | TERM                    | USED FOR...  |
|-------------------------|--|
| ◆ <b>Standard Grit:</b> | Normal grinding.   |
| ◆ <b>Standard:</b>      | Normal finish.   |
| ◆ <b>SpeedGrit™:</b>    | Fast removal and large areas with minimal chipping.                                |
| ◆ <b>Power:</b>         | Higher speed grinding.   |
| ◆ <b>FineGrit™:</b>     | Soft glass & mirror; eliminates most chipping.                                     |
| ◆ <b>Fine:</b>          | Mirror finish.   |
| ◆ <b>SuperBond:</b>     | Patented process that bonds the diamond to the core for extra long wear.           |
| ◆ <b>DoubleDiamond:</b> | Has two layers of diamond that last more than twice as long as conventional heads. |

## DROP-ON™ BIT SIZES & GRITS



Catalog No	Description	Manufacturer
40100-074	DropOn Adapter for 5/16" Motor Shaft (DB-ADP)	Inland
40101-074	3/4" Standard Grit (DB-1)	Inland
40111-074	3/4" StandardGrit Half-Size (DB-1.5)	Inland
40102-074	3/4" SpeedGrit (DB-1SG)	Inland
40112-074	3/4" SpeedGrit Half-Size (DB-1.5SG)	Inland
40103-074	3/4" FineGrit (DB-1F)	Inland
40113-074	3/4" FineGrit Half-Size (DB-1.5F)	Inland
40131-074	3/4" DoubleDiamond (DB-1DD)	Inland
40901-074	1" Standard Grit (DB-9)	Inland
40902-074	1" SpeedGrit (DB-9SG)	Inland
40903-074	1" FineGrit (DB-9F)	Inland
40931-074	1" DoubleDiamond (DB-9DD)	Inland

## SLIP-ON BITS

Gryphon Slip-On grinding bits are easy bits to change. An ingeniously designed diamond coated sleeve slips over a special adaptor that fits most grinders. To change a bit, you simply lift the old bit off and slide a new bit on. No tools or levers are required and the bit stays firmly in place until it is time to change it. Available standard grit, 1" and 3/4" diameters.



Catalog No	Description	Manufacturer
1382-K063	"Slip Kit": 1" & 3/4" Slip-On Bits - Standard - with Adaptor	Gryphon
1382-A063	Slip-On Bit Shaft Adaptor Only for 5/16" Motor Shaft	Gryphon
1383-2063	Slip-On 1" Cylindrical Bit - Standard - 2 per pack	Gryphon
1383-5063	Slip-On 3/4" Cylindrical Bit - Standard - 2 per pack	Gryphon

## STANDARD BIT SIZES & GRITS



3/4"  
(19mm)



AAGB-34R7

Catalog No	Description	Manufacturer
40001-074	3/4" Standard Grit (WB-1)	Inland
1370-5063	3/4" Standard (3CS)	Gryphon
8411-0350	3/4" Standard (GH0350)	Diamond Tech
7938-1139	3/4" Standard (O38)	Classic American
AAGB-34R7	3/4" Standard ("Twofer")	Aanraku
40291-074	3/4" SpeedGrit (WB-1SG)	Inland
1370-6063	3/4" Power (3CP)	Gryphon
40192-074	3/4" FineGrit (WB-1F)	Inland
1370-4063	3/4" Fine (3CF)	Gryphon
40201-074	3/4" SuperBond (WB-1SB)	Inland
40301-074	3/4" DoubleDiamond (WB-1DD)	Inland



1"  
(25mm)



AAGB-01R7

Catalog No	Description	Manufacturer
40009-074	1" Standard Grit (WB-9)	Inland
1370-2063	1" Standard (1CS)	Gryphon
8411-0410	1" Standard (GH0410)	Diamond Tech
7939-1139	1" Standard (O39)	Classic American
AAGB-01R7	1" Standard ("Twofer")	Aanraku
40299-074	1" SpeedGrit (WB-9SG)	Inland
1370-3063	1" Power (1CP)	Gryphon
40196-074	1" FineGrit (WB-9F)	Inland
1370-1063	1" Fine (1CF)	Gryphon
40209-074	1" SuperBond (WB-9SB)	Inland
40309-074	1" DoubleDiamond (WB-9DD)	Inland



1/4"  
(6mm)



5/8"  
(16mm)

Catalog No	Description	Manufacturer
40008-074	1/4" Standard Grit (WB-8)	Inland
1371-8063	1/4" Standard (4PS)	Gryphon
8411-0600	1/4" Standard (GH0600)	Diamond Tech
7937-1139	1/4" Standard (O37)	Classic American
40298-074	1/4" SpeedGrit (WB-8SG)	Inland
1371-9063	1/4" Power (4PP)	Gryphon
40197-074	1/4" FineGrit (WB-8F)	Inland
1371-7063	1/4" Fine (4PF)	Gryphon

Catalog No	Description	Manufacturer
40014-074	5/8" StandardGrit (WB-14)	Inland

**for Glastar's Starlet Grinder ONLY. To be DISCONTINUED**

Catalog No	Description	Manufacturer
1372-1063	1/8" Standard (8PS)	Gryphon



1/8"  
(3mm)

## FYI: ABOUT INLAND QUALITY RINGS

Inland bits are marked by distinctive, Precision Quality Rings. Color coded silicon bands identify different grits:

- ◆ **Black:** SpeedGrit™.
- ◆ **Orange:** FineGrit™.

phone: 800.848.7683 | fax: 614.921.5923 | e-mail: orders@franklinartglass.com

**GEL BIT™**

**High Quality Diamond Grit Available in 1" and 3/4" diameters.**

- ◆ Bright neon color corresponds to grit for easy identification.
- ◆ Offers the same quality as traditional grinding bits, at a fraction of the cost.
- ◆ Polymeric holder absorbs shock and reduces chipping.
- ◆ Designed to disengage from the shaft easily & quickly.
- ◆ Fits every type of grinder.

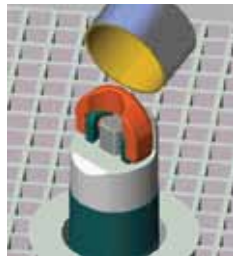


**Catalog No Description**

<b>1901-1278</b>	3/4" Green: Standard Grind (100/120 Grit)
<b>1902-1278</b>	3/4" Orange: Rapid Grind (80/100 Grit)
<b>1903-1278</b>	3/4" Yellow: Fine Grind (200/230 Grit)
<b>1904-1278</b>	3/4" Blue: Extra Fine Grind (600 Grit)
<b>1905-1278</b>	1" Green: Standard Grind (100/120 Grit)
<b>1906-1278</b>	1" Orange: Rapid Grind (80/100 Grit)
<b>1907-1278</b>	1" Yellow: Fine Grind (200/230 Grit)
<b>1908-1278</b>	1" Blue: Extra Fine Grind (600 Grit)

**QUICK FIT BIT SYSTEM**

Flip the lever and you are ready to grind. No keys or locking tools are needed to change from one bit to another. Bit Holder is constructed of high impact plastics and circumscribed with industrial elastomer. Each Bit is individually coated with layered high quality diamond particles. Bits can be adjusted vertically and reversed on the bit holder. Bit holder is universal.



**Cat. No. Description Systems (Holder & Bit)**

QFB1-1140	Quick Fit Bit Holder w/ 3/4" Bit / Standard
QFB2-1140	Quick Fit Bit Holder w/ 1" Bit / Standard

The Quick Fit Bit System is available in 1" (25.4mm) and 3/4" (19.05mm) diameters and replacement bits in three types of diamond grit: Standard, Rapid, and Fine.

**Cat. No Description**

**Replacement Bits**

QFB3-1140	3/4" Quick Fit Bit / Fine
QFB4-1140	3/4" Quick Fit Bit / Standard
QFB5-1140	3/4" Quick Fit Bit / Rapid Grind
QFB6-1140	1" Quick Fit Bit / Fine
QFB7-1140	1" Quick Fit Bit / Standard
QFB8-1140	1" Quick Fit Bit / Rapid Grind



**SPECIALTY BITS & AQUA FLOW SYSTEM**

**SPECIALTY GRINDING BITS**



Catalog No	Description	Manufacturer
40024-074	3/4" Bit & Core Drill Standard Grit (WB-24)	Inland
40018-074	3/4" Lamp Bit Standard Grit (WB-18)	Inland
1371-5063	3/4" Tapering Bit Standard (3TS)	Gryphon
40193-074	3/4" RippleBit Standard Grit (WB-1R)	Inland
40006-074	Combo Bit: 3/4" & 1/4" Standard Grit (WB-6)	Inland
1371-6063	1" Groove Bit Standard (1GS)	Gryphon
40190-074	1.0 mm Rim Jewelry Bit Standard (groove for 20/22 gauge wires)	Inland
40194-074	1.4 mm Rim Jewelry Bit Standard (groove for 16/18 gauge wires)	Inland
1371-1063	1" Mirror Bit (1MS)	Gryphon

**AQUA FLOW SYSTEM**

**For Inland Grinders:**

The Aqua Flow System by Techniglass is a water feed system that provides water from the reservoir to your grinder bit while it cleans away built up debris. It consists of microtubular brush bristles that are attached to a durable polymeric holder that locks into place adjacent to the grinding bit. The easy to install locking device becomes a permanent part of your grinder and will not detach like a sponge does.



**Cat. No. AFSI-1140 AQUA FLOW SYSTEM-I**  
Fits ALL Inland Models (Except Aero & Impulse)

**Cat. No. AFSB-1140**  
Replacement Brush for Aqua Flow System-I

# DRILLS, GRINDING DISKS & BEVELING WHEELS

## DRILLING HEADS FOR GRINDERS



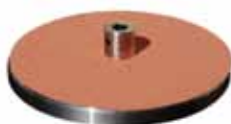
**40317-074      40318-074      40314-074      40338-074**

Catalog No	Description	Manufacturer
40317-074	Drill Head Adapter (WB-317)	Inland
40318-074	1/8" Drilling Head (WB-318)	Inland
40314-074	1/4" Drilling Head (WB-314)	Inland
40338-074	3/8" Drilling Head (WB-338)	Inland

## DIAMOND GRINDING DISKS



**40500-074**



**40505-074**

Catalog No	Description	Manufacturer
40500-074	5" Standard Grit	Inland
8411-0570	6" Standard for Diamond Max	Diamond Tech
40501-074	5" Fine Grit	Inland
40502-074	5" SuperFine Grit	Inland
40505-074	5" Polishing Disc	Inland

## DIAMOND CORE DRILLS BY INLAND

Diamond-coated Core Drills have a 3/8" (10mm) shaft and fit most hand drills and drill presses. Numerous diameters make them valuable for drilling a wide range of materials including glass, ceramic, marble, plastic and fiberglass. For best results, core drills larger than 1/2" should only be used in a drill press.



Catalog No.	Description	Catalog No.	Description
40060-074	1/8" (3mm)	40067-574	1-3/8" (35mm)
40061-074	3/16" (5mm)	40068-074	1-1/2" (38mm)
40062-074	1/4" (6mm)	40069-074	1-3/4" (44mm)
40063-074	3/8" (10mm)	40070-074	2" (51mm)
40064-074	1/2" (13mm)	40070-574	2-1/8" (53mm)
40064-574	5/8" (16mm)	40071-074	2-1/4" (57mm)
40065-074	3/4" (19mm)	40072-074	2-1/2" (64mm)
40065-574	7/8" (22mm)	40073-074	2-3/4" (70mm)
40066-074	1" (25mm)	40074-074	3" (76mm)
40066-174	1-1/16" (27mm)	40075-074	3-1/2" (89mm)
40066-574	1-3/16" (30mm)	40076-074	4" (102mm)
40067-074	1-1/4" (32mm)		

## BEVELING/POLISHING WHEELS & PADS

Catalog No	Description	Manufacturer
40505-074	5" Polishing Disc	Inland
50007-074	5" Polishing Pad (replacement)	Inland
40800-074	Beveling Wheel Adapter	Inland
40815-074	2-3/8" Beveling Wheel - Coarse Grit	Inland
40825-074	2-3/8" Beveling Wheel - Fine Grit	Inland
40835-074	2-3/8" PolishingCone (for inside curves)	Inland
50010-074	2-3/8" Polishing Pad (replacement)	Inland
8407-1538	Lap 15 Micron for Bevel Max	Diamond Tech
8407-6038	Lap 60 Micron for Bevel Max	Diamond Tech
8407-1258	Polishing Pad for Bevel Max	Diamond Tech



## GLASS SAWS

8220-0631

## Taurus 3 Ring Saw

Horse Power: 1/8 hp

Warranty: Three Years

**Perfect for cutting glass including: rippled, fused & dichroic glass. Also cuts tile, plastic and stone. Features include:**

- Quieter than the Taurus II.2.
- Fewer and longer lasting parts.
- Built in flip top face shield.
- Greater blade exposure, plus a built in light.
- Constructed with metal reinforced polycarbonate.
- The entire working part of the saw snaps out of the water bath and contains its own water so that it can be used as a portable hand saw.
- **Made in U.S.A.**

## BLADE KITS &amp; PARTS FOR TAURUS 3

All Taurus 3 Blade Kits come with one blade & two orange groove grommets.

**Standard Blade:** For general use, omni-directional. The 360° diamond coating allows the blade to cut in any direction while grinding the edge, leaving it smooth.

Cat. No. **8220-RB31**

**Separating Blade:** For internal cuts, omni-directional. This blade gives you the ability to open it, slide it through a drilled hole in the glass, reattach and make internal cuts with no entry point. Cat. No. **8220-SB31**

**Slicer Blade:** Thinnest curf for Taurus 3. Highly recommended for use with the Super Slicer. The blade is flat, cutting forward and backward only. Cutting from the sides will not only be slow but will damage the grommets. Cat.No. **8220-1046**

**Megablade:** For dense materials. This blade cuts mainly on the front and back, so to create a curve you will guide the material around the blade. The Mega blade is so rigid that it has the ability to damage the saw itself if used improperly by pushing too hard.

Cat. No. **8220-MEGA**

**Complete Blade & Parts Kit:** Includes Standard Blade, Drive Belt, five Blue Pulley Assemblies, two Orange Groove Grommets, and two Orange Groove Grommet Assemblies for the Taurus 3. Cat. No. **8220-1027**

**Orange Groove**

**Grommet Assembly:** Pair of Grommets with Bearings. Cat.No. **8220-ASEM**

**Orange Groove Grommet:** (no bearing, sold one each) Cat. No. **8220-ORGG**



## ACCESSORIES FOR T-3

**Accessory Kit for Taurus 3:**

This kit is equipped with helpful tools for cutting straight lines to perfect circles and precise angles. Includes: Straight Edge Guide, 30°/60° and 45° Cutoff Triangles, Bevel Edge Maker, Circle Maker, Lamp Wedge (30° bevel). Cat. No. **8220-ACES**

**Blade Stabilizer:** Reduces grommet wear and gives more stability and control when cutting thicker material. Add on for *Original* Taurus 3 Saws - Standard Equipment with newer models. Cat. No. **8220-1034**

**Instructional DVD for your Taurus 3:** "Everything You Wanted To Know, But Were Afraid To Ask." Cat. No. **8220-0494.**

## Blade Kits &amp; Parts &amp; Accessories for Taurus II.2



All Taurus II Blade Kits come with one blade, three yellow groove grommets, four red gear grommets and two hole reducers.

**Standard Blade:** Omni-directional, cut in any direction while grinding the edge. Cat. No. **8217-RB31**

**Separating Blade:** For internal cuts, omni-directional. This blade gives you the ability to open it, slide it through a drilled hole in the glass, reattach and make internal cuts with no entry point.

Cat. No. **8217-SB31****Red Gear Grommet**Cat. No. **8217-RG31****Yellow Groove Grommet**Cat. No. **8217-YG31****Bearings for Red & Yellow Grommets**Cat. No. **8217-R231****Raceway**Cat. No. **8219-00RW****Hole Reducers**Cat. No. **8219-00HR**

**Complete Accessory Kit:** Includes the Separating Blade, a Spot Light & Face Shield PLUS... Straight Edge Guide, 30°/60° and 45° Cutoff Triangles, Bevel Edge Maker, Circle Maker, Lamp Wedge (10° bevel) hole reducers, an instruction book & an instructional video that show you how to use the Accessory Kit and the Separating Blade.

Cat. No. **8219-00AK**

**Complete Blade & Parts Kit:** Tune-up your Taurus II.2!!! Includes Standard Blade, Raceway, Drive Belt, 6 Red Gear Grommets, 3 Yellow Groove Grommets, 5 Bearings for Red & Yellow Grommets, Blue Pulley Assembly and 2 Hole Reducers.

Cat. No. **8219-00PK**

**Instructional Video for your Taurus II.2:** Cat. No. **8219-28VI**

## More Parts &amp; Accessories for both the Taurus II.2 &amp; 3 Ring Saws

**Blue Pulley Assembly:** Blue Pulley with Bearing for both Taurus II.2 & 3.

Cat. No. **8217-BPA1**

**Drive Belt:** For both Taurus II.2 & 3.

Cat. No. **8217-DB31**

**Bearing Oil Kit:** For both Taurus II.2 & 3.

Cat. No. **8219-26BO**

**Super Slicer Tool:** The Super Slicer is a device that gives you the ability to make repetitive, perfectly parallel, ultra thin cuts (as thin as 1/16") in any material that will clear the throat height (1-1/2" on the Taurus 3, 1" on the Taurus II.2). Examples where the Super Slicer can be useful are when cutting: Pattern Bars, Streamers, Milfiori, & virtually any other material that requires repetitive cutting.

Cat.No. **8220-1047**

## Parts &amp; Accessories for Gemini Titan Saw

- Titan Replacement Blade: Cat. No. **8220-MEGA** (MegaBlade)
- Titan Replacement Drive Belt, Titan Only: Cat. No. **8227-0073**



8225-0063

8225-0063

**Omni-2 Diamond Wire Saw****Horse Power: 1/4 Direct Drive DC****Warranty: Five Years**

• Offers Omni - directional cutting of a round blade along with the ability to make inside cuts without a lead in.

- New high speed motor, located on top, cuts faster than ever.
- Built - in pump automatically supplies exactly the right amount of water to the blade and eliminates the need for a fresh water and used water reservoir.
- Gryphon replacement Wire Saw Blades are available in three grits. In addition, a flattened "Slitting Blade" offers a thinner cut and faster cutting.
- One square foot of unobstructed work surface with a small built-in spot light, which shines directly on your work, eliminating shadows.
- Made in U.S.A.
- Instructional DVD included with each saw.

**Accessories & Parts for the Omni-1 & 2**

**Power Replacement Blades**, package of three (Cat. No. **8223-PB63**). *Power Blades are STANDARD EQUIPMENT w/ the Omni-1 & 2.*

**Slitting Blade**, package of three (Cat. No. **8223-SB63**).

**Super Power Blade**, package of three (Cat. No. **8223-SP63**).

**Ultra Power Blade**, package of three (Cat. No. **8223-UP63**).

**Replacement Water Pump for Omni 2 Only** (Cat. No. **8225-PK63**).

**Blade Chuck** (Cat. No. **8223-BC63**).

**Blade Guide Set** (Cat. No. **8223-GS63**).

8211-0063

**Diamond Band Saw Model C-40****Horse Power: 1/3 hp Direct Drive DC Motor****Warranty: One Year**

The Gryphon Diamond Band Saw is an ideal tool for your difficult projects. It cuts as easily through heavily rippled glass as it does through the smoothest window glass. High quality blade, diamond coated on front edge of band.

- Motor Speed: 2850 revolutions per minute.
- Cuts fast: the blade travels at 40 miles per hour.
- Large one square foot platform with 5.5" throat.
- Simple tension adjustment (single knob) gives you quick and easy setup.
- Basic saw maintenance near zero.
- Made in U.S.A. / Blade made in Germany.

**C-40 Replacement Blade** (Cat. No. **8212-0063**)

**Super Power Blade** (Cat. No. **8212-SP63**)

**Teflon Blade Guides** - Pair (Cat. No. **8215-0063**)

**Band for Bottom Wheel** (Cat. No. **8216-BW63**)

**Band for Top Wheel** (Cat. No. **8216-TW63**)

**Black Diamond Repl. Blades** (Cat. No. **8212-BD63**) Two blades made from a thicker base material.



8211-0063

## GLASS SAWS


**91010-074**  
**DB-100™ Mini Band Saw**
**Torque: 30 oz.-in**
**Warranty: Two Years**

•The DB-100™ saws dozens of materials, wet or dry. It is packaged with TWO diamond blades for sawing glass, ceramic, tile, stone, marble, porcelain, plastics, shells and more.

•The optional WoodCut™ and MetalCut™ blades saw wood, plastics, fiberglass, leather, thin brass and copper, tin, printed circuit boards and more.

•The coolant system provides a continuous, regulated flow of clean coolant to the diamond blade for wet sawing.

•The work surface is made of machined aluminum 9" x 10". Drain channels funnel coolant into the internal drain system for a clean, clear view while sawing.

•The frame, cover, work surface and water reservoir are molded entirely from structural grade thermoplastic. The plastic construction makes it extremely lightweight and easy to handle.

•Replaceable BladeSert™ blade guides make the most intricate cuts simple. The upper blade guide is adjustable for varying material thickness.

•Made in China.

**91010-074**

**Stainless Steel Replacement Blade**, standard grit (Catalog No. **90007-074**)

**WoodCut™ Blade** (Catalog No. **90001-074**),

**MetalCut™ Blade** (Catalog No. **90003-074**),

**Bladesert** (Catalog No. **90022-074**), **Metal Work Table** (Catalog No. **90023-074**),

**Upper Drip Guide** (Catalog No. **90016-074**).

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**1391-1063**  
**Zephyr Ring Saw**
**DC Motor**
**RPM: 3000**
**Warranty: Three Year**

Key Features:

•Minimal maintenance. •Cuts in all directions. •Quiet, smooth, and easy to operate.

•7" diameter round blade, diamond coated. •Large 17-1/2" x 17-1/2" work surface,

free of obstructions. •6-5/8" deep throat with an overhead blade support that is slender, allowing a clear view of the material as it is cut. •Bearings & wheels are shielded to protect them from glass dust, extending the life of these critical parts. •The motor/blade assembly can be detached, creating a hand-held saw. •Overall dimensions: 18"W x 18"D x 11"H •Cuts glass, tile, ceramics, and stone up to 1-1/2" thick.

**Replacement Parts for Zephyr Ring Saw:**

**Replacement Blade** Catalog No. **1391-RB63**

**Replacement Drive Belt** Catalog No. **1392-DB63**

**Replacement Idler Pulley, Complete (purple)** Catalog No. **1393-IP63**

**Replacement Guide Pulley, Complete (gold)** Catalog No. **1394-GP63**

**Replacement Rubber Insert for Guide Pulley** Catalog No. **1394-RI63**



# SAWS & HAND TOOLS

## LEAD CUTTERS

7929-1139

### Lead Nippers

6" long (15.2 cm). Heavy-duty lead cutter. Flush ground back for close cutting. Handle coil springs reduce user fatigue.

By Classic American. **Made in China**



8077-0072

### Lead Nippers



Hardened steel jaws. Spring tension handle. **Fan-Out VII.** **Made in Japan**

60513-074

### Lead Nippers

Look like ordinary wire cutters, but the back is ground flat to allow you to cut lead came with a flat finished cut for both straight and angled cuts. DuraLife by Inland. **Made in China.**



SP0603-38

### Lead Nippers

The jaw design of these nippers assures clean cuts without crushing the came. Spring loaded and comfortable to work with. **StudioPro** by Diamond Tech. **Made in Taiwan**



7925-1139

### Lead Knife w/ Weighted Handle



Sharp stainless steel blade. Hardwood handle with weighted metal end for hammering. By Classic American. **Made in China**

8080-0468

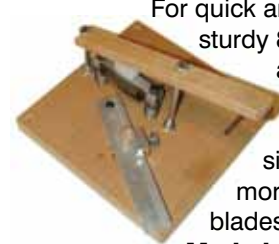
### Lead Knife



Extra sharp stainless steel blade. Rounded hard wood handle. By CS Osborne. **Made in U.S.A.**

4530-0738

### Easy-Cut™ Lead Cutter



For quick and accurate cuts. Features sturdy 8" square heavy base with angle guide and easy-to-read line markings. Convenient too – cutter uses regular single edge razor blades – no more expensive replacement blades. By Diamond Tech. **Made in China.**

## OTHER HAND TOOLS FOR LEAD WORK

7924-1139

### Lead Vise

Screw to tabletop or work surface and opening will grip lead so you can straighten channel. Spring-loaded. By Classic American. **Made in China.**



7920-1139

### Plastic Fid / Lathekin

Ideal for lead opener, foil burnisher, etc. Durable plastic. By Classic American. **Made in China.**



7919-1139

### Wood Fid

For opening lead came. By Classic American. **Made in China.**



## METAL SAWS

8199-0738

## Power Miter II Chop Saw



Reliable and easy to use. Adjusts to any angle from 45° to 90° for perfect fitting hexagons, octagons, etc. Powerful 1/5 HP motor turns the fine tooth blade (cuts lead, zinc, wood, copper and brass came). Includes automatic shut off switch and blade guard. 3 Year warranty. By Diamond Tech. **Made in China.**

**Replacement Blade:** Cat. No. **8204-0081.**

10660-074

## SwapTop™ Table Saw

Sturdy, lightweight, and extremely easy to set up. The work surface is 10" x 12". Equipped with a 6-1/2" CarbonTuff blade. Two-Year Warranty. The SwapTop gives you the option to convert the table saw into a router/shaper at a minimal cost (see Grinder section of this catalog for more information). By Inland.



**Made in U.S.A.**

**Replacement Blade:** Cat. No. **90960-074.** Also available: WoodCut Blade (**90964-074**) & DiamondCut Blade (**40960-074**).

10655-074

## SwapTop™ Router/Shaper Conversion Kit



Turn the SwapTop™ Table Saw into a Glass Grinder with this conversion kit. No hassle assembly takes only minutes. Makes one machine do the work of two at a fraction of the cost of purchasing two separate machines. Includes: water reservoir top, reversible grid surface, 1"

standard grit diamond bit, BitSert™ with splash guard and complete instruction guide.

8218-0063

## Gryphon Miter Saw

Provides premium cuts of thin wall tubing, pre-formed thin shapes and solids of brass, copper, zinc, steel, composite fibers of graphite in sizes up to 3/4" square. NOT to be used for cutting any channel with lead content. Uses ultra thin abrasive blades. All mechanical components are factory guaranteed for one year. **Made in U.S.A.**



**Standard Replacement Blade (Abrasive):** Cat. No. **8218-RB63**

**Also Available:** Long lasting blade designed to cut soft metals like lead, plastic and wood. Cat. No. **8218-MB63**



## METAL SAWS &amp; ACCESSORIES

8200-0081

## Deluxe Jarmac Saw

All metal construction. 1/16 HP motor. Includes rip fence and miter guide. Standard 4" circular saw blade (fine tooth) with safety guard. Tilt work top 9" X 12". **Made in U.S.A.**



8201-0081

## Standard Jarmac Saw



All metal construction. 1/16 HP motor. Standard 4" circular saw blade (fine tooth) with safety guard. Worktop is NON-tilt, 5-1/2" X 7-1/2". **Made in U.S.A.**

## Replacement Blades for All Jarmac Saws:

Standard, Cat. No. **8203-0081**

Heavy Duty (Chromed), Cat. No. **8204-0081**

Carborundum, Cat. No. **8205-0081**

## Miter Guides

Adjustable Miter Guide for ALL Jarmac Saws, Cat. No. **8202-0081**

Permanent Miter Guides:

45°, for Deluxe Jarmac Saws	Cat. No. <b>8206-4581</b>
45°, for Standard Jarmac Saws	Cat. No. <b>8207-4581</b>
90°, for Deluxe Jarmac Saws	Cat. No. <b>8206-9081</b>
90°, for Standard Jarmac Saws	Cat. No. <b>8207-9081</b>

## Misc. Accessories for Jarmac Saws:

## Chip Deflectors

An auxiliary guard of clear plastic that keeps chips and oil away from the operator. Attaches easily and securely to front of tabletop.

For:	Cat. No.
Deluxe	<b>8208-0081</b>
Standard	<b>8208-0181</b>

## Nu-Life Kit

A lubricating system that can be quickly installed on the Standard Jarmac Saws ONLY. The system will extend life of new blades and give new life to used blades (lowers heat on blade & reduces blade build-ups). In addition, the system gives a cleaner burr-free cut, dampens cutting noise and reduces metal dust. The Chip Deflector is strongly recommended for use with this system. Cat. No. **8209-0081.**

ZM01-0092

## Morton Clean Cut Miter Box

This wood miter vise is designed to hold channel securely without crushing, freeing your hands. Accurate 90 and 45 degree angle guides, accommodates most size channels. Can be plugged into Morton surface or secured to work table. Hack saw not included.



## MISCELLANEOUS

### Foil Pattern Shears



**Manufacturer**  
Classic American  
Mika International

**Catalog No.**  
**7922-1139**  
**8085-F103**

### Lead Pattern Shears



**Manufacturer**  
Classic American  
Mika International

**Catalog No.**  
**7923-1139**  
**8085-L103**

**8086-0103**

### 2 in 1 Pattern Shears



Interchangeable blades for both lead and foil work. Stainless steel blades.  
**By Mika.**

### James Easy-Cut Shears

Unique design allows user to cut patterns without bending, tearing or folding. Cut tighter radii, smaller and more intricate pattern pieces with greater ease. Work equally well right or left handed. Available in Foil & Lead versions. **By Inland.**



**60507-074**

James EasyCut™ Lead Shears

**60508-074**

James EasyCut™ Foil Shears

**8088-1127**

### Thinline Pattern Shears



These shears take out a 0.8mm thin line strip that is 20% thinner than most other shears. The handles are designed to slide under the pattern paper for easy cutting and the blades are double-

bottom to prevent spreading and ragged edges. They also come with a specially designed rasp sharpener to keep your patterns sheer blades always sharp and ready to use.

**By Aanraku.**

**8079-0040**

### Precision Knife



Designed for light-duty cutting on paper, soft and light weight materials or wood. By Xcelite (XN-100). Made in U.S.A. For Replacement Blades order Cat. No. **8079-R040** (5/pkg, XN-100B).

### German Glazing Nails

Steel, 30mm, ground and hardened. Sold by boxes of 100 each.



**Box of 100** Cat. No. **BO531-023**

### Horseshoe Nails

Genuine. Their flat sides make them ideal for glazing lead and metal came. Sold by the dozen or by boxes of 100 each.



**Dozen** Cat. No. **1530-1240**  
**Box of 100** Cat. No. **1530-BX40**

**7915-1139**

### Glazing Hammer



Made especially for the stained glass industry. Metal hammerhead has two "caps", one plastic, to use for tapping down nails; the other is rubber, for tapping into lead came. The handle has a rubber grip.

**8942-1127**

### Lead and Glass Stop Blocks for Lead Came Work



Plastic blocks designed to give you a helping hand when assembling your leaded project.

Made of high strength polymer material for long life. Lead and Glass stop blocks are easy to use and will help you achieve a professional look on your next project. 25 pieces per package. **By Aanraku.**



1701-0069

**Glastar Foiler**

Combination foil dispenser and foiling aid. Holds two different rolls at a time, foiling channel accepts 3 sizes of foil 3/16", 7/32", 1/4", splits off paper backing, centers foil and partially crimps edges. Made of durable plastic.



1683-1197

**Table Foiler™**

Now there's a portable tool that makes foiling fast and easy, even for beginners! The Table Foiler provides a stable worksurface for added control. It dispenses, applies and crimps foil in one smooth process. It also foils many stained glass sizes, patterns and thicknesses. By KWC.



1683-MC97

**MagicCutter**

Companion tool for all Tablefoilers™. Adjusts the roller height and cuts the foil right on the roller. By KWC.



4529-0426

**Cascade Came Bender**

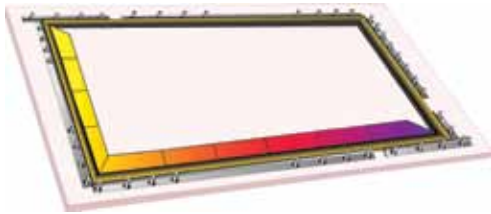
There are other benders on the market, but none that combines strength with the versatility as this one. No need to change rolls, "U" channels as well as "H" channels on one set of rollers.



**Layout Block System**

Alternative for the traditional glazer's board with blocks & nails. The aluminum "L" blocks & aluminum head push pins utilize inexpensive soft board (i.e. ceiling tiles, drywall, homasote-not included), to serve as restrictors for your glass project during assembly.

- LB01-0092** - Includes ten 6" blocks & 40 push pins.
- LB02-0092** - Includes four 12" blocks, four 3" blocks & 40 push pins.
- LB17-0092** - Includes two 17" blocks & 16 push pins.
- LB23-0092** - Includes two 23" blocks & 16 push pins.



By Morton Glass Works.

**Aluminum Head Push Pins**



1/2" Steel Point, Aluminum Head. Use with inexpensive soft board for project layout. Also use with the Layout Block System by Morton. Sold in packs of sixteen (Morton) or boxes of one hundred (Moore).

Pack of 16 Cat. No. **LB16-0092** Box of 100 Cat. No. **4100-0507**

**Hand Foilers**

Separates paper backing, centers foil and aids in applying to glass, in handy pencil size form.



- 1702-0069** 3/16" Hand Foiler
  - 1703-0069** 7/32" Hand Foiler
  - 1704-0069** 1/4" Hand Foiler
- By Glastar

1705-0069

**Foil Crimper**



Plastic handled tool with channel which hugs the sides of foiled glass, to burnish the edges. By Glastar

7921-1139

**Plastic Foil Burnisher**



Flat hand tool to aid in pressing down edges of foil. By Classic American.

8945-1127

**Foil Burnisher**



A simple and effective tool designed to fix and smooth foil for a uniform base for solder. By Aanraku

4505-0600

**Kwik-Crimp**

This tool quickly and easily crimps and seals the foil tight to the glass in one stroke. It is self-adjusting from 1/16" to 1/4" inch thick glass. Invented by Herle Diegel and manufactured by Hoevel.



1682-0127

**Foil Dispenser**

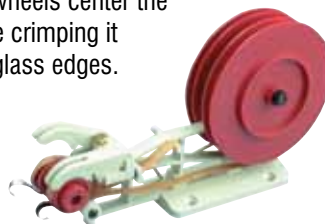


Accommodates seven sizes of foil, with a pocket compartment for fid, scissors etc. Plastic. By Stained Glass Images.

70000-074

**EdgeMaster Foiler™**

Rolling wheels center the foil while crimping it around glass edges. Holds two rolls of copper foil tape



at a time, in three sizes: 3/16", 7/32", and 1/4", splits off paper backing, centers foil and partially crimps edges. By Inland.

## MISCELLANEOUS

8095-0964

### Abrasive Stone

Course grit stone used to remove rough edges by hand from your glass.



26-080013

### Engraving Hand Tool Set



Penholder comes with three different inter-changeable diamond points: small, medium & shading tip.

Replacement tips can be purchased separately (see below). **By Armour.**



**26-080113** Small Tip. For pressureless outlining.

**26-080213** Medium Tip. For outlining, stippling and light shading.

**26-080313** Large Tip. For tracing out and shading larger areas.

**26-084013** Shading Tip. For obtaining a uniform white surface on glass.

**26-095013** Replacement Pen/Holder

50105-074

### Electric Glass Engraver

Lightweight electric engraver that can be used to engrave designs, sign your work or mark any material. **By Inland.**



Replacement Tips:

**50107-074** Small Ball Tip

**50110-074** Large Tip

**50111-074** Cone Tip

**50112-074** Inverted Cone Tip

50115-074

### Diamond Tip Set

20 diamond tips in assorted shapes and sizes for use with Inland's



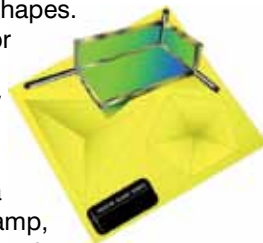
Electric Engraver or other rotary tools.

PG05-0092

### GS Assembly Tray

Easily Assemble geometric dimensional shapes.

Instructions for eight exciting projects show you step-by-step how to assemble a jewelry box, lamp, pencil holder and more. **By Morton Glass Works.**



07-500059

### FrameMaster

Point driver for installation and framing. **By Fletcher.**



08-980059

Glaziers Points for FrameMaster - 3/8" long, approx. 5,000 per box.

08-950059

Framers Points for FrameMaster - 5/8" long, approx. 3,000 per box.



08-611059

### Push Points

Box of 100. Apply by hand. Does not fit Framemaster.

Box of 100. **By Fletcher.**



### Small Flux Brush

Use this brush to safely and easily apply flux and patinas. Has a metal handle with 3/4" long bristles.



1780-0391 (Each)

1780-BX91 (Box of 144)

### Wire Brushes

For cleaning metal came. Will not be affected by chemicals or solvents. Stiff bristles assure long life.



1540-0685

7930-1139

Steel Bristles

Brass Bristles

1542-0605

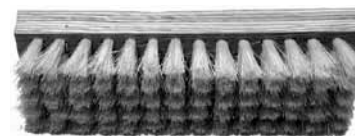
### Bronzo Wool

Made from fine bronzo wool to resist shedding and corrosion.



### Cement Brushes

Use for working cement into lead and metal came panels. Two sizes:



**1550-0685** Large, measures 2-1/2" x 8" with a flat wood handle and tampico bristles.

**1549-0685** Small, measures 1" x 4" with wood handle and tampico bristles.

7933-1139

### Bench Brush

For sweeping work area of glass slivers and other glass work "debris". Wood handle with nylon bristles.



An external temperature control is recommended when using the lead technique for all the irons listed below. The exceptions are the Weller 100W, which is equipped w/ temperature control via interchangeable tips and the Hakko Special Edition Temp Control Iron which has an adjustable temperature control.

**8104-0003 & 8105-0003**



**8104-0003**  
**American Beauty**  
**100W "Standard" Iron**

**8105-0003**  
**American Beauty**  
**150W "Standard" Iron**  
 Designed & built for reliability. Each long life element is compression wound ni-chrome on a steel core. Maximum temp for the 100W is 855°F and 1010°F for the 150W iron. Equipped with the 3/8" tapered tip (8106-0003) is resistant to freeze up. Weigh 13 oz. each. Made in U.S.A.

- Replacement Tips:  
**8107-0003** 3/8" Chisel  
**8106-0003** 3/8" Diamond
- Misc. Parts:  
**8112-0003** 100W Heating Element  
**8113-0003** 150W Heating Element

**8108-0003 & 8109-0003**



**8108-0003**  
**American Beauty**  
**200W "Standard" Iron**

**8109-0003**  
**American Beauty**  
**250W "Standard" Iron**  
 Where there is heavy soldering to do these American Beauty irons are on the job. Long life element. Maximum temp for both the 200W & 250W irons is 1000°. Equipped with the 5/8" tapered tip (8110-0003). Weigh 24 oz. each. Made in U.S.A.

- Replacement Tips:  
**8111-0003** 5/8" Chisel  
**8110-0003** 5/8" Diamond
- Misc. Parts:  
**8114-0003** 200W Heating Element  
**8115-0003** 250W Heating Element

**8173-0034**



**Hakko**  
**60W Super Pro**  
 This 60W iron features a ceramic heating element which provides a longer service life than the conventional iron. Faster start-up as well as faster thermal recovery. Alloy-coated iron tip (3/16" - no. 8173-1334) is included. Maximum temp is 1110°F. Made in Japan.

- Replacement Tips:  
**8173-2334** 3/8" Chisel  
**8173-1334** 3/16" Chisel
- Misc. Part:  
**8173-5334** Heating Element

**8170-0334**



**Hakko**  
**Special Edition**  
**Temp Control Iron**  
 This iron features a ceramic heating element with an adjustable "electronic" temperature control. Set the temperature that you want from 400° - 1000° F. Fast thermal recovery with 10 set temperature positions. It is lightweight and well balanced with an extra long 6 ft. power cord.

- Replacement Tips:  
**8170-1334** 3/16" Chisel  
**8170-2334** 5/16" Chisel

**8133-0040**



**Weller**  
**100W w/ Temperature Control**  
 Uses the Weller "closed loop" method of controlling maximum tip temperature. Temperature is controlled by the tip - 600°F, 700°F, & 800°F tips are available. Equipped with a 700°F, 3/8" tip (8143-F740). Made in U.S.A.

- Replacement Tips:  
**8140-C640** 1/8" / 600°  
**8140-C740** 1/8" / 700°  
**8140-C840** 1/8" / 800°  
**8141-D640** 3/16" / 600°  
**8141-D740** 3/16" / 700°  
**8141-D840** 3/16" / 800°  
**8142-E640** 1/4" / 600°  
**8142-E740** 1/4" / 700°  
**8142-E840** 1/4" / 800°  
**8143-F640** 3/8" / 600°  
**8143-F740** 3/8" / 700°  
**8143-F840** 3/8" / 800°  
**8144-G640** Bead / 600°  
**8144-G740** Bead / 700°  
**8144-G840** Bead / 800°

- Misc. Part:  
**8154-0040** Knurled Nut

**What difference does the "wattage" of an iron make?**

Wattage makes a difference in how your iron retains its heat, and how fast it recovers its heat... not how hot it gets. For small projects, a lower watt iron will do the job. A higher watt iron is desirable for larger projects (or whenever running long beads of solder on copper foil projects), when consistent heat is needed over a longer work time. Ceramic heater technology, used in some of the irons, does assist a lower watt iron to behave like a higher watt iron.

## STANDARD IRONS

An external temperature control is recommended for doing the lead technique for all the irons listed below, except the Inland TempTrol, which is equipped with a variable dial temperature control.

### 8179-0334



#### Hakko 60W "Red"

Economical & light weight design. Great tool for students and hobbyists. Equipped with 3/16" tip (8179-1334). Made in Japan.

Replacement Tip:

**8179-1334** 3/16"

### 7941-1139



#### Classic American 100 W

Comes equipped with a 3/8" heavy duty tip with collar (uses a knurled nut to hold the tip in place, making it less likely to "freeze up" in the iron). Reaches up to 1200 degrees F.

We recommend its use with Classic American's Temperature Control.  
Cat. No. **7901-1139**

Replacement Tip

**7945-1139** 3/8"

### 8138-0040



#### Weller 120W Heavy Duty Iron

This heavy duty iron heats to 950°F. Iron plated 1/2" tip (8139-0040) is included. Heat & impact resistant plastic handle; stays cool and lasts long. UL Listed. Made in Mexico.

Replacement Tip:

**8139-0040** 1/2" MTG-30

### 8130-0040



#### Weller 80W Stained Glass Iron w/ Indicator Light

A neon light in the handle of these Weller irons gives the user a quick indication that the iron is on. This heavy duty 80W iron (SPG80L) comes equipped with TWO tips: 3/8" (8131-0040) and 1/4" (8132-0040). Soldering iron rest included. Made in Mexico.

Replacement Tips:

**8131-0040** 3/8" MTG-20

**8132-0040** 1/4" MTG-21

**8134-0040** "Bead" MTG-22

### 8151-0040



#### Weller Iron Station

Weller 80W Stained Glass Iron (8130-0040) directly wired to temperature control & stand. Variable power control produces 5-80 watts. Safety guard iron holder w/ sponge tip cleaning pad. Includes one 3/8" (8131-0040) iron clad tip. Uses the same replacement tips as the Weller 80W Stained Glass Iron (**8130-0040**).

Misc. Part:

**8152-0040** Repl. Sponge

**8153-0040** Polishing Bar

### 60121-074



#### Inland InstaHeat™ 100W Iron

This iron heats to a soldering temperature in less than 45 seconds. It contains a ceramic heater that holds temperatures stable, longer than conventional irons. A 1/4" heavy duty tip (60128-074) is included. One Year Full-Confidence Warranty. Made in Taiwan.

Replacement Tips:

**60128-074** 1/4"

**60126-074** 1/8"

Misc. Parts:

**60108-074** Knurled Nut w/ Sleeve

**60129-074** Ceramic Heating Element

### 60105-074



#### Inland Studio Professional™ 100W

Inland's highest quality conventional iron. It can reach 1200°F. Equipped with a 3/8" heavy-duty tip (60113-074). One Year Full-Confidence Warranty. Made in Taiwan.

Replacement Tips:

**60113-074** 3/8"

**60112-074** 1/4"

**60111-074** 3/16"

**60110-074** 1/8"

Misc. Part:

**60109-074** Knurled Nut

### 60100-074



#### Inland TempTrol 100™ Iron

This iron has a temperature control built in the handle! High quality conventional iron element. It will reach 1200°. A 3/8" heavy duty tip (60113-074) is included. One Year Full-Confidence Warranty. Made in Taiwan.

Replacement Tips:

**60113-074** 3/8"

**60112-074** 1/4"

**60111-074** 3/16"

**60110-074** 1/8"

Misc. Part:

**60109-074** Knurled Nut.



#### Iron Tips for Discontinued Irons:

##### American Beauty

Replacement Tips:

**8103-0003** 1/4" Chisel

**8102-0003** 1/4" Diamond

Misc. Part:

**8122-0003** Heating Element

Replacement Tips:

**8119-0003** 1/4" Chisel

**8118-0003** 1/4" Diamond

Misc. Part:

**8121-0003** Heating Element

##### Hakko

Replacement Tip:

**8171-1334** 3/16"

Misc. Part:

**8171-5334** Heating Element

Replacement Tip:

**8172-1334** 1/4"

Misc. Part:

**8172-5334** Heating Element

Replacement Tips:

**8174-2334** 1/4" Chisel

**8174-1334** 1/8" Chisel

Misc. Part:

**8174-5334** Heating Element

For all the irons listed BELOW, it is recommended that some type of external temperature control is used to get the best results for all projects - foil & lead.

**60015-074**



**Inland  
100W Standard Iron**

This is the best value in a 100W iron. It will heat up to 1000°F. A 1/4" heavy duty tip (60017-074) is included. Six Month Full-Confidence Warranty. Made in Taiwan.

- Replacement Tips:
- 60017-074** 1/4"
  - 60007-074** 3/16"
  - 60018-074** 1/8"

**8160-0103**



**Mika  
80W Studio Line Iron**

Solid quality iron. Equipped with a 1/4" (8164-0103) iron clad tip. UL Listed. One Year Warranty. Made in Korea

- Replacement Tips:
- 8163-0103** 3/8"
  - 8164-0103** 1/4"

**60008-074**



**Inland  
100W Deluxe Iron**

This iron is a step above the Standard Iron (60015-074). It will heat up to 1000°F. A 5/16" heavy duty tip (60035-074) is included. One Year Full-Confidence Warranty. Made in Taiwan.

- Replacement Tips:
- 60035-074** 5/16"
  - 60017-074** 1/4"
  - 60007-074** 3/16"
  - 60018-074** 1/8"

**8161-0103**



**Mika  
100W Studio Line Iron**

Solid quality 100 watt iron. Equipped with a 1/4" (8164-0103) iron clad tip. UL Listed. One Year Warranty. Made in Korea.

- Replacement Tips:
- 8163-0103** 3/8"
  - 8164-0103** 1/4"

TEMPERATURE CONTROLLERS

**7901-1139**



**Classic American  
Soldering Iron  
Control**

Solid-state, electronic controller. Works with any non-tip controlled soldering irons... Maximum 400 Watts throughput.

**60014-074**



**Inland  
MiniPhaser™**

Solid-state, electronic controller. Works with all Inland soldering irons and other non-tip controlled irons. Handles up to 600 Watts throughput. Three prong outlet. On-Off LED Indicator Light. One Year Warranty. Made in China.

**8165-0103**



**Mika  
Studio Line  
TempRight™**

Solid-state, electronic controller. Works with all Mika soldering irons and other non-tip controlled irons. Handles up to 400 Watts throughput. Three prong outlet. On-Off LED Indicator Light. One Year Warranty. Made in Korea.

7908-1139



**7908-1139**  
**Classic American Soldering Iron Stand**  
 Steel, lightweight. Includes holder, stand base and sponge. Weight: 6.5 oz. Made in Taiwan.

8181-0334



**Hakko Economy Stand**  
 Designed so that the iron can be quickly, easily and safely set down. Easy to assemble: unfold the wire holder into the vertical position. Weight: 4 oz. Includes cleaning sponge. Made in Japan.

8176-0334



**Hakko Tip Cleaner**  
 A unique coiled wire that cleans tip without cooling the iron tip. Comes with holder, but not an iron stand. Made in Japan.  
 Replacement Wire for Tip Cleaner Cat. No. **8176-1334**.

8166-0103



**Mika Contemporary Iron Stand**  
 Solid steel construction. Heat resistant bakelite ring. Tip cleaning sponge is included. Weight: 15 oz. Made in Taiwan.

8162-0103



**Mika Soldering Iron Stand**  
 Heavy duty cast iron base with chrome plated coil. Heat resistant bakelite collar. Tip cleaning sponge is included. Weight: 27 oz. Made in Korea.

60020-074



**Inland SolderStation™**  
 A complete organizer for your soldering items, including: built-in iron temp. control, iron holder, tip cleaning sponge, flux bottle well, flux brush holder, solder spool holder, & tool tray.

\*Tools shown not included

SMOKE & FUME ABSORBERS

8155-0040

**Weller® Smoke Absorber**  
 Removes flux fumes from the benchtop by drawing the smoke through an activated carbon filter. Powered by a quiet fan it can process up to 1.37 cubic meters of air per minute.

**Weller® Activated Carbon Replacement Filter 3-pack** order Catalog No. **8155-F040**.



60010-074



**Inland Fume Trap**  
 Two stage filter designed to evacuate and absorb vapors created while soldering. Made in China.

**Replacement Filters** order Cat. No. **60006-074**.



TOOLS | Soldering Irons & Accessories | e-mail: orders@franklinartglass.com | phone: 800.848.7683 | fax: 614.921.5923

**8240-0056****STUDIO 8**

By Evenheat

The Studio 8 is a 120V, 12A, 1440W personal kiln, allowing it to be plugged into a regular household outlet. Its maximum temperature is 1800° F with a firing chamber of 8" x 8" x 4.5". The lift off fiber lid and base along with a number of well-placed handles make set up and operation easy. The Studio 8 is equipped with an infinite switch and a pyrometer.

Shown with optional viewing window

**8240-VW56 Optional Studio 8 Viewing window**

The Studio 8 is available with a factory installed built-in viewing window. All four corners of the firing chamber are visible giving you a full view of your glass as the heat works it. Heat loss is greater at the viewing window than heat loss through the firebrick or fiber.

**8240-FK56 STUDIO 8 Furniture Kit****8241-0056****STUDIO PRO 8"**

By Evenheat

The Studio Pro features a Dual Access Design. The Dual Access Design combines traditional front and top loading features into one, truly revolutionary kiln. The Studio Pro offers more in performance and flexibility than any other kiln in its class. It has an attached pyrometer and infinite control switch. The Studio Pro is a 120V, 12A, 1440W personal kiln, allowing it to be plugged into a regular household outlet. 8" W x 8" L x 4.5" D Chamber Size - .17 cubic feet.

**8241-VW56 Studio Pro Kiln with Viewing Window****8244-0056****STUDIO PRO 14**

By Evenheat

Same design and features as the STUDIO PRO but with a 14.5" W x 14.5" L x 6.5" D chamber size - .80 cubic feet

**S K U T T****GLASS KILNS BY SPECIAL ORDER****Versatile. Easy to use. Tough.**

When SKUTT developed their new line of glass kilns, they asked users what they wanted. The result is a line of glass kilns that provide what customers asked for. The GlassMaster Controller offers one-touch preset programs, yet allows pinpoint adjustments & saved programs for advanced users. Side and top firing elements allow for superior control. And built into every SKUTT kiln is their reputation for quality products and excellent customer service.

**Please call for literature and more information, including prices.**

**8242-0056****HOT SHOT**

By Evenheat

The Hot Shot is designed to fire glass and is quite capable of all glass related firing up to 1650°F (900°C), such as painting, fusing, slumping, casting, etc. It should be noted that the Hot Shot is designed to fire a single layer or shelf. The nature of the Hot Shot is to provide heat from the lid elements directly to the shelf containing the glass. Attempting to fire glass below the top shelf is likely to lead to frustration and disappointment. The Hot Shot is equipped with a set-pro control. It features a wide lid handle and full stainless steel jacket. It has a 2 position lid vent, responsive thermocouple and excellent temperature distribution.

**8242-SF12 12" Circular Shelf For Hot Shot****OTHER KILNS BY EVENHEAT**

Additional Glass Kilns by Evenheat are available by special order. Check out the available models at [evenheat-kiln.com](http://evenheat-kiln.com). Most of these special order kilns require 240 volts and 15-40 amps and must be shipped by freight (not UPS). Please call for literature & pricing.

**OTHER ACCESSORIES FOR KILN WORK**

**8224-0026 ThinFire Shelf Paper** for the smoothest finish on the bottom of your kiln-fired projects. Quicker and easier to use than primer. (Good for one use only.) Instruction sheet included. From Bullseye Glass.

**8224-RL26 41" W x 250 ft. L ROLL** (854 sq ft per roll)

**8224-0026 20-1/2" X 20-1/2" SHEETS** (2.9 sq ft each)



**8234-0056 Haik Brush** by Evenheat.

*Shelf Primer & Kiln Wash are listed under another section of the catalog: **SUPPLIES / CHEMICALS.***

**BEADMaking****FW632-738**

Beginner

Beadmaking Kit

By Diamond Tech

With this kit, and a few hours of practice, you'll be making your own unique glass beads of all shapes and sizes. The kit includes step-by-step instructions that lead you through the beadmaking process, plus a Fireworks™ self-igniting torch head, mandrels, bead rake, grooved marver plate, rod scrubber, heat resistant work surface (14" x 17"), bottle holder clamp, bead release, 15 Italian glass rods (approx. 13" long), one annealing blanket to cool beads, everything you need to get started. (Mapp gas not included).

## Close Out

### Irons & Accessories

8101-0003



#### American Beauty 60W Little Dandy®

Pencil-Style is lightweight and balanced for superb handling. Tip is highly resistant to freeze up. Maximum temp is 1130°F. Equipped with 1/8" Chisel tip (8103-0003). Made in U.S.A.

Replacement Tips:

**8103-0003** 1/4" Chisel  
**8102-0003** 1/4" Diamond

Misc. Part:

**8122-0003** Heating Element

8117-0003



#### American Beauty 75W "Standard" Iron

Designed & built for reliability. Each long life element is compression wound ni-chrome on a steel core. Maximum temp is 930°F. Equipped with the Tapered tip (8118-0003) is resistant to freeze up. Made in U.S.A.

Replacement Tips:

**8119-0003** 1/4" Chisel  
**8118-0003** 1/4" Diamond

Misc. Part:

**8121-0003** Heating Element

8174-0034



#### Hakko 85W Mach-I Temp Control Iron

This 85W iron features the ceramic heater technology that gives the iron faster heat transmission - faster start-up and recovery. The temperature control sensor is built into the heating element for more stable temperature control. Maximum temp is 788°F. Alloy-coated iron tip (1/8" - no. 8174-1334) is included.

Replacement Tips:

**8174-2334** 1/4" Chisel  
**8174-1334** 1/8" Chisel

Misc. Part:

**8174-5334** Heating Element

8171-0334



#### Hakko 80W "Woodie"

Economical, with wood handle. Lightweight & easy to use. Coiled Spring at handle to protect cord. Equipped with 3/16" iron clad tip (8171-1334). Made in Japan.

Replacement Tip:

**8171-1334** 3/16"

Misc. Part:

**8171-5334** Heating Element

8172-0334



#### Hakko 100W "Woodie"

Economical, with wood handle. Lightweight & easy to use. Coiled Spring at handle to protect cord. Equipped with 1/4" iron clad tip (8172-1334). Made in Japan.

Replacement Tip:

**8172-1334** 1/4"

Misc. Part:

**8172-5334** Heating Element

8177-0334



#### Hakko Iron Holder & Tip Cleaner

Heavy-duty metal construction with unique tip cleaner. Weight: 18.7 oz. Made in Japan.

Replacement Wire for Tip Cleaner order

Cat. No. **8176-1334**.

8178-0334



#### Hakko Iron Holder

Heavy-duty metal construction. The height & angle can be adjusted easily. The iron can be placed on either the right or left side of the base. Includes cleaning sponge. Weight: 20 oz. Made in Japan.

8175-0334



#### Hakko Smoke Absorber

High performance fan with a carbon filter, designed to absorb flux & Lead fumes. Made in Japan. **Replacement Filters** order Cat. No. **8175-1334**.



76020-074

#### MagnaLight™

MagnaLight is a combination magnifying glass and work light that makes all your work easier to see by providing light exactly where you need it. You'll work longer with less eyestrain.

**By INLAND.**

**Symbols**

2 in 1 Pattern Shears C.26

**A**

Aanraku Glass Cutter C.2  
 Abrasive Stone C.28  
 Aero™ Touch-Top™ Grinder C.13  
 Aero Worksurface C.17  
 Aluminum Head Push Pins C.27  
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