Featured are just some of the many industries and products that utilize the metal fasteners that Stimpson offers.

Our dedication to providing you, our valued business partner, with products of superior quality delivered promptly, combined with our depth of inventory, and supported by our commitment to service excellence make us the market leader among fastener manufacturers.
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customer_service@stimpson.com

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RoHs • REACH • DFARS Compliant

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Sheet Metal Grommets

Sheet Metal Grommets can be used interchangeably with plain, teeth or neck washers.

Plain Washers basic reinforcement, providing support for the grommet setting.

Teeth Washers a firmer, tighter grasp, particularly in woven materials.

Neck Washers telescoping, barrel to barrel setting, reinforces the hole with two entire parts.

* Indicates Scored Washers

Telescoping Eyelets with Neck Washers

The eyelet alternative in a telescoping setting. Additional sizes are available.

* Indicates Scored Washers
with Plain, Teeth and Neck Washers

Stimpson Grommets and Washers are made from brass, aluminum and zinc, and are available in base metal or with popular finishes such as nickel or dull black chemical. Many sizes available in stainless steel.

**AVAILABILITY:** Stimpson maintains the largest inventory of Grommets and Washers in the industry. In most cases, even orders calling for popular finishes will be in stock.

**GOVERNMENT CONTRACTS:** Stimpson brass Grommets and Washers conform to U.S. Military specifications and may be ordered by Military Type and Class Numbers.

All dimensions are in inches. Photos approximate actual size. Hole size is approximate measurement after setting.

**PACKAGING:** Normally Grommets and Washers are shipped in bulk, however they may also be packed in 1, 5 or 10 gross boxes at additional cost. Self-Piercing Grommets and Washers are packed 500 pieces to a box at no additional cost.

**“Swatch Book” Eyelet and Washer**

The flat design of both the Eyelet and the Washer make these parts ideal for use with fabric samples, sample books and display racks.
Rolled Rim Grommets with Spur Washers

Stimpson Rolled Rim Grommets and Spur Washers are available in brass and zinc, with some sizes also offered in stainless steel. These parts interlock, their teeth grasping the material, to provide a rugged, unyielding setting. Offered in popular finishes such as nickel and dull black chemical.
Stainless Steel Sheet Metal Grommets and Plain Washers

Option 1: Marine Grade 304 Stainless Steel - Standard Gauge - Imported
Option 2: *Special Order 305/302 Stainless Steel - Standard Gauge - Made in USA

*Minimum order quantities apply

Stainless Steel Rolled Rim Grommets and Spur Washers

Option 1: Marine Grade 304 Stainless Steel - Standard Gauge - Imported
Option 2: E-Series 304 Stainless Steel - Economy - Lighter Gauge - Imported
Option 3: *Special Order 305/302 Stainless Steel - Standard Gauge - Made in USA

*Minimum order quantities apply
Stimpson Self-Piercing Grommets are made from heavier gauge brass than traditional sheet metal grommets and, when set with their matching washers, pierce and set in a single action without the need for a pre-punched hole.

Stimpson Self-Piercing Grommets and Washers are available in brass, can be furnished with a nickel or dull black chemical finish. They can be used with Stimpson’s “no hole needed” tooling or with the existing self-piercing tooling widely available in the marketplace.

Terminology:
LUF = Length Under Flange, FLG = Flange Diameter, ID = Inside Diameter, OD = Outside Diameter, MT = Metal Thickness

E-Series 304 Stainless Steel Self-Piercing Grommets & Washers

The Stimpson hand-operated 405 grommet setting machine is ideal for setting Stimpson Self-Piercing Grommets and Washers. See page 19 for further details.
Oblong Grommets & Washers

Stimpson Oblong Grommets and Washers are offered in brass, aluminum, zinc and stainless steel. Some of our most popular sizes are displayed below.

**A670/C501**

<table>
<thead>
<tr>
<th>Grommet Dimensions</th>
<th>Washer Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLG 1.315 X .665</td>
<td>LUF .225</td>
</tr>
<tr>
<td>ID .268 X .923</td>
<td>OD .625 X 1.286</td>
</tr>
</tbody>
</table>

**A671/C264**

<table>
<thead>
<tr>
<th>Grommet Dimensions</th>
<th>Washer Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLG 2.015 X .915</td>
<td>LUF .332</td>
</tr>
<tr>
<td>ID .420 X 1.532</td>
<td>OD .915 X 2.010</td>
</tr>
</tbody>
</table>

**A1496/C714**

<table>
<thead>
<tr>
<th>Grommet Dimensions</th>
<th>Washer Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLG 2.375 X .965</td>
<td>LUF .308</td>
</tr>
<tr>
<td>ID .468 X 1.812</td>
<td>OD .968 X 2.375</td>
</tr>
</tbody>
</table>

**A591/C189**

<table>
<thead>
<tr>
<th>Grommet Dimensions</th>
<th>Washer Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLG 1.125 X .690</td>
<td>LUF .222</td>
</tr>
<tr>
<td>ID .400 X .800</td>
<td>OD .685 X 1.125</td>
</tr>
</tbody>
</table>

**A113/C118**

<table>
<thead>
<tr>
<th>Grommet Dimensions</th>
<th>Washer Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLG 1.406 X .565</td>
<td>LUF .269</td>
</tr>
<tr>
<td>ID .312 X 1.187</td>
<td>OD .562 X 1.437</td>
</tr>
</tbody>
</table>

**A3537*/C829**

<table>
<thead>
<tr>
<th>Grommet Dimensions</th>
<th>Washer Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLG 1.405 X 1.035</td>
<td>LUF .285</td>
</tr>
<tr>
<td>ID .925 X .575</td>
<td>OD .1405 X 1.035</td>
</tr>
</tbody>
</table>

* Indicates embossed oblong grommet & washer.

Snap Fasteners

**Snap Sets**

- SET D4617 (24 Line)
- SET D4902 (28 Line)
- SET D4862 (30 Line Long)

**CAP**

- D4543
  - Cap Diameter .598
  - Length Under Cap .177

- D4861
  - Cap Diameter .510
  - Length Under Cap .142

- D4861
  - Cap Diameter .510
  - Length Under Cap .142

**SOCKET**

- D4511
  - Head Diameter .459
  - Length Under Head .195

- D4858
  - Head Diameter .459
  - Length Under Head .195

- D4858
  - Head Diameter .459
  - Length Under Head .195

**STUD**

- D4547
  - Head Diameter .562
  - Length Under Head .239

- D4859
  - Head Diameter .495
  - Length Under Head .179

- D4859
  - Head Diameter .495
  - Length Under Head .234

**POST**

- D4629
  - Head Diameter .562
  - Length Under Head .239

- D4902
  - Head Diameter .495
  - Length Under Head .179

- D4862
  - Head Diameter .495
  - Length Under Head .234

Stimpson snap sets are made from brass, brass nickel, dull black chemical and conform to Government Specifications MIL-F-10884, MS 27890 and MS 27981.

Stimpson large snap sets (24 Line) are also available in stainless steel with a plain stud, 3/8” screw stud or 5/8” screw stud.
No matter where you are, you’re always surrounded by STIMPSON EYELETS. They’re all over your home: in your appliances, electrical circuits, tools, children’s toys, clothing, shoes, sneakers, furniture, lighting fixtures, outlets and switches, heating units, alarms, and more. They’ll surround you in your car, on planes, trains, buses; and when you go to work, shopping or the gym, you’ll find them there also.

Small, inexpensive, and often not seen, STIMPSON EYELETS are an indispensable ingredient in the successful production of most every manufacturing industry. On the pages that follow, we will introduce you to some of the sizes and styles we ship worldwide.

We now provide the following “Introduction to Stimpson Eyelets” to acquaint you with their many characteristics, and we invite you to speak with our Customer Service Representatives about your eyeleting needs. STIMPSON EYELETS are the low cost, reliable solution to thousands of fastening requirements.

**Terminology**

- Flange
- Barrel
- Wall

**Measuring the Eyelet**

- Flange Diameter (FLG)
- Hole Diameter
- Inside Diameter (ID)
- Outside Diameter (OD)
- Length Under Flange (LUF)

**Standard Tolerances**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flange Diameter</td>
<td>+/- .005”</td>
</tr>
<tr>
<td>Outside Diameter</td>
<td>+/- .002”</td>
</tr>
<tr>
<td>Length Under Flange</td>
<td>+/- .005”</td>
</tr>
<tr>
<td>Hole Diameter usually</td>
<td>.005”</td>
</tr>
</tbody>
</table>

**Settings**

- **ROLL**
- **SCORED**
- **FLARED**

There are three basic types of settings...Roll (or coil), Scored, or Flared.

The most common is the Roll which provides a smooth, rounded, uniform surface.

A Scored setting divides the end of the barrel into equal segments to provide extra grip strength in soft materials.

A Flared setting is commonly used in PC boards and provides a funnel appearance often used for soldering.
No two applications being alike, it’s impossible to offer specific standards as to how much barrel length there should be to obtain proper coil/grip. Too much length can result in barrel buckling (collapsing). Too little may mean loss of grip strength. Rigid materials usually need less; soft flexible materials will need more, as a wide coil (to grip more material) is desirable. If parts fastened are exposed to unusual stresses, extra length is usually desirable, even though materials may be rigid in nature.

As a general guide in preliminary selection, the following should be helpful:

<table>
<thead>
<tr>
<th>Eyelet Diameter:</th>
<th>3/64” to 1/16”</th>
<th>3/32” to 1/8”</th>
<th>5/32” to 3/16”</th>
<th>5/32” to 3/16”</th>
<th>1/4” or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Length:</td>
<td>1/32”</td>
<td>1/16”</td>
<td>3/32”</td>
<td>3/32”</td>
<td>1/8”</td>
</tr>
</tbody>
</table>

For final determination as to proper length, after selecting an eyelet let us make actual settings for your functional testing. Or, send samples of your components and we’ll select an eyelet and forward the settings for your review.
Stimpson “Graduated Size” (GS®) Eyelets are as their name indicates...a system of standard eyelets incorporating a series of graduated increases (1/32 of an inch) in both length and outside barrel diameters. The result is 72 eyelets which will meet the requirements of most general purpose eyeleting applications. GS® Eyelets are most commonly requested in brass, and are normally inventoried in large quantities. In many cases, GS® Eyelets can also be made from steel, stainless steel, aluminum and copper.

72 GS® Eyelets, teamed with Stimpson’s economical eyeleting machines, offer the highest quality system in the industry, at the lowest cost.

<table>
<thead>
<tr>
<th>INCHES</th>
<th>LENGTH UNDER FLANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>.062</td>
<td>.093</td>
</tr>
</tbody>
</table>
For Tags, Envelopes, Binders and Polybags

Designed and manufactured to run in today's high speed machinery, Stimpson eyelets provide the exacting tolerances needed to ensure uninterrupted production. These proven industry standards have been developed over time to meet almost any production requirement.

**“Tag and Polybag” Flat Flange Eyelets**

- **A3730 Zinc**
  - OD: 0.194/0.188
  - LUF: 0.089
  - FLG: 0.256
  - MT: 0.0115

- **A1951 Zinc**
  - OD: 0.195/0.190
  - LUF: 0.093
  - FLG: 0.254
  - MT: 0.0115

- **A168 Aluminum, Brass, Zinc**
  - OD: 0.196
  - LUF: 0.095
  - FLG: 0.250
  - MT: 0.008

- **A34 Brass**
  - OD: 0.215/0.205
  - LUF: 0.092
  - FLG: 0.330
  - MT: 0.008

- **A2491 Aluminum, Brass, Zinc**
  - OD: 0.245
  - LUF: 0.095
  - FLG: 0.324
  - MT: 0.010

- **A35 Brass, Steel, Zinc**
  - OD: 0.260/0.250
  - LUF: 0.132
  - FLG: 0.375
  - MT: 0.008

- **A2658 Aluminum, Brass, Steel**
  - OD: 0.341
  - LUF: 0.115
  - FLG: 0.450
  - MT: 0.008

- **A36 Aluminum, Brass, Zinc**
  - OD: 0.342
  - LUF: 0.092
  - FLG: 0.460
  - MT: 0.008

- **A38 Brass & Zinc**
  - OD: 0.343
  - LUF: 0.131
  - FLG: 0.468
  - MT: 0.009

- **A558 Brass & Zinc**
  - OD: 0.356
  - LUF: 0.110
  - FLG: 0.475
  - MT: 0.010

**“Button & String Envelope” Eyelets**

- **A22 Brass & Zinc**
  - OD: 0.148/0.149
  - LUF: 0.218
  - FLG: 0.218
  - MT: 0.007

- **A119 Brass & Zinc (scored)**
  - OD: 0.151/0.147
  - LUF: 0.117
  - FLG: 0.225
  - MT: 0.008

- **A3566 Brass**
  - OD: 0.148/0.140
  - LUF: 0.148
  - FLG: 0.218
  - MT: 0.008

- **A377 Brass (scored)**
  - OD: 0.151/0.147
  - LUF: 0.117
  - FLG: 0.225
  - MT: 0.008

**Rolled Flange Eyelets for “Ribbons, Folders, Financial & Legal Documents”**

- **A942 Aluminum, Brass, Steel**
  - OD: 0.185
  - LUF: 0.145
  - FLG: 0.312
  - MT: 0.008

- **A211 Aluminum, Brass, Zinc**
  - OD: 0.185
  - LUF: 0.147
  - FLG: 0.285
  - MT: 0.010

- **A737 Brass**
  - OD: 0.185/0.175
  - LUF: 0.182
  - FLG: 0.285
  - MT: 0.010

- **A740 Aluminum & Brass**
  - OD: 0.185
  - LUF: 0.102
  - FLG: 0.285
  - MT: 0.009

**Eyelets for Apparel**

Stimpson Apparel Eyelets are made to industry and military standards with decorative flanges as well as popular finishes such as nickel, brass, various shades of antique bronze and military specified colors.

**Industry Standards Eyelets with Matching Washers**

- **A2058 Brass & Steel C62**
  - OD: 0.183
  - LUF: 0.142
  - FLG: 0.300
  - MT: 0.010

- **A942 Aluminum, Brass, Steel C63**
  - OD: 0.185
  - LUF: 0.145
  - FLG: 0.312
  - MT: 0.008

- **A289 Brass & Steel C790**
  - OD: 0.215
  - LUF: 0.165
  - FLG: 0.300
  - MT: 0.008

- **A618 Aluminum, Brass, Steel C83**
  - OD: 0.289
  - LUF: 0.546
  - MT: 0.008

- **A500 Aluminum, Brass, Steel C84**
  - OD: 0.359
  - LUF: 0.700
  - MT: 0.008

- **A928 Brass C85**
  - OD: 0.413
  - LUF: 0.250
  - FLG: 0.750
  - MT: 0.014
Shoe Eyelets

Examples of Stimpson Shoe Eyelets

- **#00 ROLL**
  - A1967 Aluminum
  - OD: 277, LUF: .157, FLG: .490, MT: .016
- **#00 ROLL**
  - A2400 Brass
  - OD: 275, LUF: .150, FLG: .495, MT: .011
- **#1 ROLL**
  - A1928 Aluminum
  - OD: 208/192, LUF: .142, FLG: .345, MT: .016
- **#1 SCORED**
  - A2000* Aluminum
  - OD: 201, LUF: .155, FLG: .345, MT: .016
- **#1 EX. LONG ROLL**
  - A1685 Aluminum
  - OD: 200, LUF: .12, FLG: .343, MT: .016
- **#2 ROLL**
  - A2187 Aluminum
  - OD: 177, LUF: .138, FLG: .300, MT: .016
- **#2 ROLL**
  - A1387 Brass
  - OD: 173, LUF: .142, FLG: .300, MT: .012
- **#4 ROLL**
  - A2013 Brass
  - OD: 157, LUF: .102, FLG: .235, MT: .010
- **J.L. ROLL**
  - A3165 Brass & Steel
- **AA ROLL**
  - A2269 Aluminum
- **AA ROLL**
  - A2605 Brass & Steel
  - OD: 215, LUF: .150, FLG: .390, MT: .008
- **AA LONG ROLL**
  - A3167 Brass & Steel
- **AA EX. LONG ROLL**
  - A3138 Aluminum & Brass
  - OD: 228, LUF: .217, FLG: .390, MT: .012
- **AA EX. LONG ROLL**
  - A3433 Brass
  - OD: 215, LUF: .215, FLG: .388, MT: .010
- **AA EX. LONG SCORED**
  - A3592* Brass
  - OD: 224, LUF: .212, FLG: .463, MT: .012
- **LARGE HEXAGON LONG**
  - A3467 Brass
- **MILITARY BOOT**
  - A3165 Brass & Steel

**Terminology:**
- OD = Outside Diameter (Eyelets with two OD measurements indicate a tapered barrel), LUF = Length Under Flange, FLG = Flange Diameter, MT = Metal Thickness, * indicates scored eyelet.

---

**Stimpson Candle Eyelets**

Stimpson offers the complete line of Candle Eyelets, made from .010” tin coated steel, 25% heavier than many of the clips currently being offered. This ensures the strength of the clip as it accepts the crimp and stabilizes the wick-clip assembly.

We choose to use tin coated steel as it helps to inhibit, though not totally prevent, corrosion and, thereby, is preferable to plain steel. This provides our Customers with that added measure of quality.

**Stimpson Candle Eyelet Dimensions**

**Disc Diameter - 15.0 mm (.590")**

- **Overall Length**
  - 2.4 mm (.094")
  - 3.0 mm (.118")
- **Hole Size**
  - Industry Standards: A3789STC, A3015STC
  - Medium Lengths: A3792STC, A3779STC
  - Safety Lengths: A3798STC, A3777STC
  - Extra Safety Lengths: A3851STC, A3850STC

**Disc Diameter - 20.0 mm (.788")**

- **Overall Length**
  - 2.1 mm (.083")
  - 2.4 mm (.094")
  - 3.0 mm (.118")
- **Hole Size**
  - Industry Standards: A3786STC, A3793STC
  - Medium Lengths: A3957STC, A3797STC, A3796STC
  - Safety Lengths: A3961STC, A3800STC, A3799STC
  - Extra Safety Lengths: A3851STC, A3850STC

**Wicks Unlimited**

- Wick-Clip Assemblies
- Waxed Wick on Reels
- Raw Wick on Spools

Please visit www.wicksunlimited.com for all your candle wicking needs.
Hole Plugs

We've chosen some of our most popular Hole Plugs for display on these pages. However, if you can't find one to fit your requirements, don't be concerned for we have over 300 additional Hole Plugs to choose from. In addition, new Hole Plugs are continually being developed to meet our customers' special applications.

Most of our Hole Plugs can be made from brass, steel and #1050 carbon steel, as your need requires. Other metals, such as stainless steel, are available for special situations. With minor tooling modifications most parts can be furnished stamped with your logo, with a different hole size in head, or with one or more prongs removed.

All dimensions are in inches. All photos approximate actual size.
# Tubing Hole Plugs

<table>
<thead>
<tr>
<th>Head Dia</th>
<th>Thk of Wat</th>
<th>Length Overall</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16</td>
<td>0.015 - 0.020</td>
<td>11/32</td>
</tr>
<tr>
<td>1/8</td>
<td>0.015 - 0.020</td>
<td>11/32</td>
</tr>
<tr>
<td>5/32</td>
<td>0.015 - 0.020</td>
<td>11/32</td>
</tr>
<tr>
<td>3/32</td>
<td>0.015 - 0.020</td>
<td>11/32</td>
</tr>
</tbody>
</table>

# Electrical Knockout Plugs

<table>
<thead>
<tr>
<th>Head Dia</th>
<th>Head Thk</th>
<th>Length Overall</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>1/16</td>
<td>5/16</td>
</tr>
<tr>
<td>3/4</td>
<td>1/16</td>
<td>5/16</td>
</tr>
<tr>
<td>5/8</td>
<td>1/16</td>
<td>5/16</td>
</tr>
<tr>
<td>7/8</td>
<td>1/16</td>
<td>5/16</td>
</tr>
</tbody>
</table>

# Stimpson Special Hole Plugs

<table>
<thead>
<tr>
<th>Head Dia</th>
<th>Hole Dia</th>
<th>Hole Dia</th>
<th>Hole Dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>1/2</td>
<td>1/2</td>
<td>1/2</td>
</tr>
<tr>
<td>3/4</td>
<td>3/4</td>
<td>3/4</td>
<td>3/4</td>
</tr>
<tr>
<td>5/8</td>
<td>5/8</td>
<td>5/8</td>
<td>5/8</td>
</tr>
<tr>
<td>7/8</td>
<td>7/8</td>
<td>7/8</td>
<td>7/8</td>
</tr>
</tbody>
</table>

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Shop Online at: webstore.stimpson.com
See page 18
Additional Products

Clamps, Vents, Ferrules, Shells, Washers, Arrows and Spinners are additional products manufactured by Stimpson.

Clamps

Stimpson manufactures a wide variety of clamps, which can be made with a single or double “u” shape, with or without teeth, or with lancings to improve pull and grip strengths.

Vents

Stimpson’s wide selection of vents and matching washers are most often used for air circulation or drainage in products such as mattresses, rain gear, boots and hats.

Ferrules and Shells

Stimpson ferrules are made in a variety of configurations: straight or tapered, with or without a shoulder, closed ended and with virtually any shape hole.

Washers

A large range of round, square, oblong and screw washers is available from Stimpson, in addition to those sold with our grommets, eyelets and vents.

Arrows and Spinners

Whether the application is a board game, teaching aid, advertising novelty or instrument gauge, Stimpson’s arrows and spinners will meet your requirements.

Government Contracts

Approved, and in many cases, specified... Stimpson Grommets and Washers, Eyelets, Snap Fasteners, and Vents are manufactured in the United States of America and meet with the latest Military and Commercial Specifications. Stimpson Cage Code #57771. Displayed are some of our most requested items.

Military Specified Finishes

Stimpson manufactures a wide variety of clamps, which can be made with a single or double “u” shape, with or without teeth, or with lancings to improve pull and grip strengths.

MIL-G-16491 | NASM16491

MIL-E-20652

MS 20230

Boot Vent & Washer

Mail Bag Grommet & Washer

Hat Vent & Washer

See page 22 for common Military Specifications for Grommets & Washers

ISO 9001 Certified • RoHs • REACH • DFARS • Berry Amendment Compliant
Featured below is a small sample of the items you will see at the Stimpson webstore. We are constantly working to add the most popular Stimpson products to our webstore offerings. If you don’t see what you need, please feel free to contact our customer service department at 954-946-3500 or customer_service@stimpson.com. We will be happy to assist you.

### Grommets and Washers

<table>
<thead>
<tr>
<th>#0 ROLLED RIM GROMMET and SPUR WASHER BRASS (ORRGSW)</th>
<th>#0 ROLLED RIM GROMMET and SPUR WASHER MARINE GRADE STAINLESS (ORRGSWSSM)</th>
<th>#0 SELF-PIERCING GROMMET and WASHER BRASS (SPGW)</th>
<th>#0 SHEET METAL GROMMET and NECK WASHER BRASS (0GNW)</th>
<th>#0 SHEET METAL GROMMET and TEETH WASHER BRASS (0GTW)</th>
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### GS® Eyelets

<table>
<thead>
<tr>
<th>GS 2-2 Brass Eyelets</th>
<th>GS 2-3 Brass Eyelets</th>
<th>GS 2-4 Brass Eyelets</th>
<th>GS 2-5 Brass Eyelets</th>
<th>GS 2-6 Brass Eyelets</th>
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### Hole Plugs

<table>
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<tr>
<th>Electrical KO Plug - Fits 1” KO Trade Size, Steel, Zinc Plated (D3833S)</th>
<th>Electrical KO Plug - Fits 1-1/4” KO Trade Size, Steel, Zinc Plated (D3916S)</th>
<th>Electrical KO Plug - Fits 1-1/2” KO Trade Size, Steel, Zinc Plated (D3924S)</th>
<th>Electrical KO Plug - Fits 1/2” KO Trade Size, Steel, Zinc Plated (D3683S)</th>
<th>Electrical KO Plug - Fits 2” KO Trade Size, Steel, Zinc Plated (D4455S)</th>
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### Snap Sets

<table>
<thead>
<tr>
<th>20 Line Snap Set Long</th>
<th>24 Line Dull Black Snap Set</th>
<th>24 Line Nickel Plated Snap Set</th>
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</thead>
</table>

### Machinery and Tooling

|-------------------------------------------------|-----------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
Stimpson Attaching Machines

Quality fasteners need to be supported by quality tooling and attaching machines. Stimpson makes available to you the finest quality products in the marketplace...ensuring that your investment in new tooling or a new machine will be a wise one.

Pages 19 through 21 display the options available to meet your machinery requirements, from a hand operated bench machine to fully automatic dual feed grommeting machine.

For more information regarding Stimpson attaching machines and tooling, please ask to speak to one of our Machinery Customer Service Consultants, who will be happy to assist you. Additional information is also available on our website at www.stimpson.com.

*Photographs may vary from actual machines due to minor design changes.

<table>
<thead>
<tr>
<th>Hand Drive</th>
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<tbody>
<tr>
<td>Used with a wooden or rawhide mallet, Stimpson Hand Drive Tools can be used to set most Stimpson products.</td>
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<table>
<thead>
<tr>
<th>Modular Hand Drive</th>
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<tbody>
<tr>
<td>For Grommets with Plain or Teeth Washers and Rolled Rim Grommets with Spur Washers and Snap Sets. Features interchangeable tool sizes.</td>
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<table>
<thead>
<tr>
<th>405 Bench Press</th>
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</thead>
<tbody>
<tr>
<td>Low cost and versatile, the 405 bench press is ideal for smaller projects or prototype work. It is especially well suited for setting Stimpson Self-Piercing Grommets &amp; Washers in most lightweight fabrics. Made with a heavy duty aluminum frame.</td>
</tr>
<tr>
<td>Height __________________________ 12”</td>
</tr>
<tr>
<td>Weight __________________________ 10 lbs.</td>
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<tr>
<td>Throat Depth ______________________ 2-3/4”</td>
</tr>
<tr>
<td>Stroke ___________________________ 1-3/4”</td>
</tr>
<tr>
<td>Bench Space _______________________ 3-1/2” x 9”</td>
</tr>
</tbody>
</table>

1515 S.W. 13th Court Pompano Beach, FL 33069
Toll Free   (877) 765-0748  |  Phone   (954) 946-3500
customer_service@stimpson.com
Model 3P6 Grommet Machine

Model 3P6 is a portable pneumatic press specifically designed for grommet applications. At only 22 pounds, 17” tall, 4” wide, and 11” deep, this powerful compact press is capable of punching a hole in a wide range of industrial fabrics and attaching Stimpson grommets and washers (sizes #00 - #4), all in a single cycle. All of the setting tools are interchangeable, and are simply threaded in place, allowing for fast conversions between grommet sizes. This machine is built on a sturdy welded frame and designed for safe operation, portability, and ease of use.

Model 3PGW Grommet Machine

Model 3PGW is the most compact fully automatic grommet machine in the Edward Segal product line. This machine is based on the proven 3P platform that has been manufactured since 2005. The 3PGW relies on pneumatics and a powerful lever mechanism to produce sufficient force to set grommets in a wide variety of fabrics, including certain webbing materials. To offer maximum flexibility, it is available with several configurations including an optional Mobile Pedestal for portability. Dual feed, pneumatically powered, no electric required. Currently available for the #2 Plain Grommet.

Model 3P6-X Grommet Machine

Model 3P6-X is a portable pneumatic press specifically designed for applications that require grommets that are larger than #4. The X is the larger, more robust version of the standard 3P6. This unit weighs 45 pounds, and measures 17-1/2” tall, 4-1/2” wide and 14” deep. Even though the 3P6-X is specifically designed for the larger grommets, it comes with an adapter set to run the standard 3P6 tools for smaller grommets (sizes #00 - #4). This machine is built on a sturdy welded frame and designed for safe operation, portability and ease of use. All of the setting tools are interchangeable, and are simply threaded in place to facilitate fast conversions between grommet sizes.

Model 83 Grommet Machine

Models G83 and G2R83 are bench model grommet machines employing a single automatic feed of the grommet, and a hand feed of the washer. Model G83 is suitable for grommet applications where the holes are prepunched. Model G2R83 includes the double revolution feature to punch a hole in the material and then feed and set the grommet. For plain grommet sizes #00 - #5.

Model 83GW Grommet Machine

A dual feed, heavy duty grommet machine which pierces your material while it automatically feeds and sets both the grommet and the washer all with one tripping of the electric foot switch. The 83GW is especially suited for lighter materials as it pierces a hole versus punching a clean hole. With the pierce, the extra material folds back and provides a larger foundation to set the grommet and washer against. Available for rolled rim grommet sizes #0 to #4 with matching spur washer, and plain grommet and matching neck or teeth washer, sizes #00 to #4.

Model 92 Grommet Machine

The Model 92 Series of grommet machines has been designed for more challenging applications such as heavy duty industrial fabrics or setting larger grommets. They offer upgraded power by using a stronger motor and larger flywheel. All Model 92 machines are semi-automatic which means the grommet is automatically fed but the washer, if needed, is manually placed on the lower die. The Model G2R92 version includes the double revolution feature to punch a hole in the material and then feed and set the grommet. It can accommodate all standard grommet sizes to a maximum of #5 rolled rim.
## Line Of Attaching Machines

### Model 92GW Grommet Machine

The Model 92GW is a dual feed, heavy duty grommeting machine. It offers the attractive advantage of being able to make settings in heavy duty industrial fabrics (including kevlar and nylon) by punching out the hole and then attaching the grommet & washer in a single cycle. In addition, a material thickness compensator allows materials with thickness differences of up to 1/8” to be set without a setting tool adjustment. Available for grommet & washer sizes #0 to #4 inclusive.

![Model 92GW Grommet Machine](image)

### Model 2KGW Grommet Machine

State-of-the-art, fully automatic, grommet machine. This machine is built around a newly designed frame that requires less space and is much lighter than previous generations of machines. The 2KGW is a fully automatic machine that feeds both the grommet and washer, punches the hole in the material and attaches the grommet and washer, all in a single cycle. Flywheel powered and cam actuated to ensure consistent settings. It offers advanced cutting and material thickness compensation technology. The 2KGW has been specifically engineered for light to medium duty applications. Available for grommet and washer sizes #00 to #2.

![Model 2KGW Grommet Machine](image)

### Model 4KGW Grommet Machine

The most advanced grommet machine in Edward Segal’s product line, the 4KGW uses pneumatic force and innovative toggle linkage to cut through multiple layers of the toughest fabrics. The 4KGW has fewer moving parts than mechanical grommet machines, simplifying maintenance requirements. PLC based controls provide for optimal machine flexibility, and a pressure setting switch compensates for variances in material thickness. Fully automatic, dual feed, the 4KGW is available for Stimpson grommet and washer sizes #0 to #4.

![Model 4KGW Grommet Machine](image)

### Model 83 Eyelet Machine

Model 83, 83LT and 2R83 are bench model, automatic feed, eyelet attaching machines specifically designed to make single or multiple high speed eyelet settings in most light to moderate weight fabrics. The base Model 83 machine is used for single or multiple eyelet settings where materials are prepunched or where the eyelet cuts its own hole. Model 2R83 is similar to the base Model 83 machine, but includes the double revolution feature to punch holes in your material. Model 83LT is designed to set small eyelets using the Limited Travel feature.

![Model 83 Eyelet Machine](image)

### Model MS4 Snap Fastener Machine

The Model MS4 is a fully automatic snap fastener machine tooled for industry standard components. This machine is offered for customers looking for an affordable, reliable solution for snap fastener applications. The Model MS4 is a flywheel powered machine and features rotary hoppers, a target light for locating the snap position on the material, and a mechanical clutch with a non-repeat mechanism, to ensure long-term safe operation.

Offered by Midward Supply.

![Model MS4 Snap Fastener Machine](image)
**Common Military Specifications for Grommets & Washers**

**NASM16491 (supersedes MIL-G-16491)**

<table>
<thead>
<tr>
<th>Type</th>
<th>Class</th>
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**Type and Class Definitions for NASM16491:**

- **Type I:** Sheet Metal Grommet with Plain Washer
  - **Class 1:** Plain Brass
  - **Class 2:** Brass with Nickel plating
  - **Class 3:** Brass with Dull Black Chemical (oxide) finish

**Sheet Metal Grommets & Washers**

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**Rolled Rim Grommets & Spur Washers**

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**Grommet Only**

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**Grommet & Washer**

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**Washer Only**

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*NASM20230 Specifies Plain Brass Only*
STIMPSON QUALITY STATEMENT

The policy of Stimpson is to produce quality products that satisfy requirements. Management is committed to work with and provide each employee with the resources and training necessary to continually improve the effectiveness of the Quality System.

ISO 9001 Certified