



STIMPSON

PRODUCT GUIDE

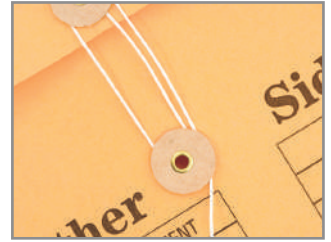
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Eyelets | Grommets | Washers

Hole Plugs | Snap Fasteners

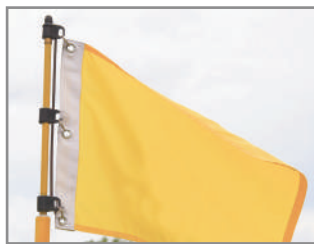
Clamps | Ferrules | Arrows

Vents | Tooling | Machinery



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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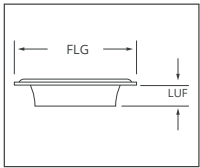


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ISO 9001 Certified
RoHs • REACH • DFARS Compliant



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



#00G			
Hole Size 3/16"			
FLG	LUF	MT	
.425	.135	.009	

#0G			
Hole Size 1/4"			
FLG	LUF	MT	
.545	.175	.012	

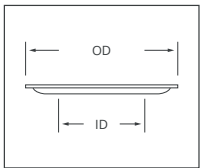
#1G			
Hole Size 9/32"			
FLG	LUF	MT	
.687	.185	.012	

#1JG			
Hole Size 9/32"			
FLG	LUF	MT	
.680	.263	.0126	

#2G			
Hole Size 3/8"			
FLG	LUF	MT	
.815	.215	.013	

Plain Washers

basic reinforcement, providing support for the grommet setting.



#00W			
ID	OD	MT	
.218	.460	.009	

#0W			
ID	OD	MT	
.289	.546	.010	

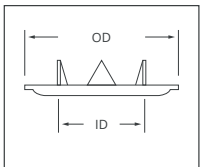
#1W			
ID	OD	MT	
.359	.700	.012	

#1W			
ID	OD	MT	
.359	.700	.012	

#2W			
ID	OD	MT	
.453	.835	.012	

Teeth Washers

a firmer, tighter grasp, particularly in woven materials.



#0TW			
ID	OD	MT	
.290	.570	.0115	

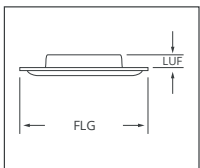
#1TW			
ID	OD	MT	
.350	.680	.014	

#1TW			
ID	OD	MT	
.350	.680	.014	

#2TW			
ID	OD	MT	
.468	.840	.012	

Neck Washers

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



#00NW*			
FLG	LUF	MT	
.425	.125	.010	

#0NW*			
FLG	LUF	MT	
.531	.100	.010	

#1NW*			
FLG	LUF	MT	
.705	.105	.010	

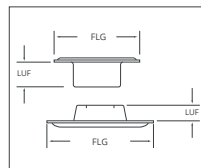
#1NW*			
FLG	LUF	MT	
.705	.105	.010	

#2NW*			
FLG	LUF	MT	
.840	.095	.013	

* Indicates Scored Washers

Telescoping Eyelets with Neck Washers

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



A1445/#00NW*			
Hole Size .177			
FLG	LUF	MT	
.403/.425	.210/.125	.0135/.010	

A1181/#0NW*			
Hole Size .273			
FLG	LUF	MT	
.535/.531	.155/.100	.010/.010	

A1998/#0NW*			
Hole Size .270			
FLG	LUF	MT	
.540/.531	.120/.100	.016/.010	

A1333/A1334			
Hole Size .274			
FLG	LUF	MT	
.545/.562	.145/.080	.013/.009	

* 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.

#2JG
Hole Size 3/8"



FLG	LUF	MT
.840	.260	.016

#3G
Hole Size 7/16"



FLG	LUF	MT
.970	.295	.014

#4G
Hole Size 1/2"




FLG	LUF	MT
1.050	.374	.016

#5G
Hole Size 5/8"



FLG	LUF	MT
1.220	.330	.016

#6G
Hole Size 13/16"




FLG	LUF	MT
1.750	.232	.020

#2W



ID	OD	MT
.453	.835	.012

#3W




ID	OD	MT
.530	.955	.013

#4W




ID	OD	MT
.585	1.062	.013

#5W




ID	OD	MT
.740	1.205	.014

#6W



ID	OD	MT
.875	1.828	.020

#2JTW




ID	OD	MT
.468	.840	.016

#3JTW




ID	OD	MT
.545	.945	.013

#4JTW



ID	OD	MT
.593	1.050	.016

#5JTW



ID	OD	MT
.720	1.190	.017

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.

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.


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

#2JNW*




FLG	LUF	MT
.840	.095	.013

#3JNW*



FLG	LUF	MT
.945	.125	.014

#4JNW*




FLG	LUF	MT
1.050	.125	.015

"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.

A3717 / C317



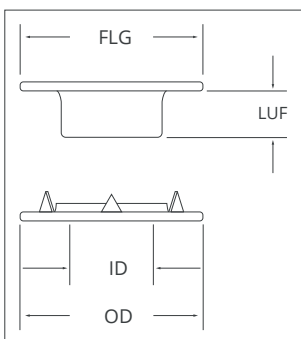
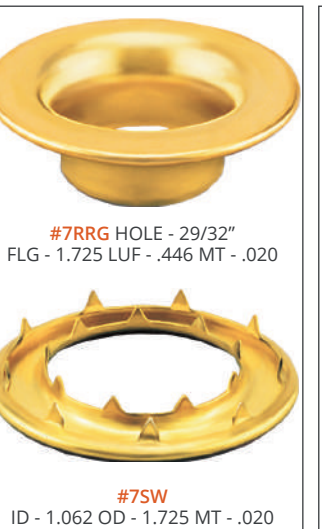
Eyelet Dimensions			
OD	FLG	LUF	MT
.516/.497"	.875	.140"	.010"
Washer Dimensions			
ID	OD	MT	
.580"	.875"	.013"	



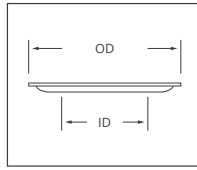
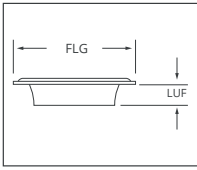
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Rolled Rim Grommets with Spur Washers

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



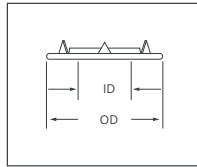
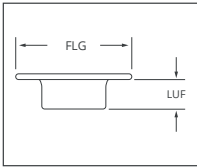
Option 1: Marine Grade 304 Stainless Steel - Standard Gauge - Imported
Option 2: *Special Order 305/302 Stainless Steel - Standard Gauge - Made in USA

*Minimum order quantities apply

Option 1 and Option 2

#00G - Hole Size 3/16"	#0G - Hole Size 1/4"	#1G - Hole Size 9/32"	#2G - Hole Size 3/8"	#3G - Hole Size 7/16"	#4G - Hole Size 1/2"
FLG .425 LUF .135 MT .009	FLG .545 LUF .175 MT .012	FLG .687 LUF .185 MT .012	FLG .815 LUF .215 MT .013	FLG .970 LUF .295 MT .014	FLG 1.050 LUF .374 MT .016
#00W	#0W	#1W	#2W	#3W	#4W
ID .218 OD .460 MT .009	ID .289 OD .546 MT .010	ID .359 OD .700 MT .012	ID .453 OD .835 MT .012	ID .530 OD .955 MT .013	ID .585 OD 1.062 MT .013

Stainless Steel Rolled Rim Grommets and Spur Washers



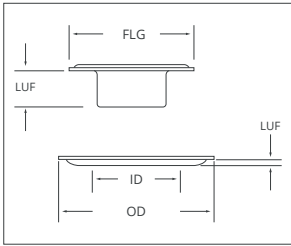
Option 1: Marine Grade 304 Stainless Steel - Standard Gauge - Imported
Option 2: E-Series 304 Stainless Steel - Economy - Lighter Gauge - Imported
Option 3: *Special Order 305/302 Stainless Steel - Standard Gauge - Made in USA

*Minimum order quantities apply

Option 1 - Option 3

#0RRG - Hole Size 9/32"	#0LRRG - Hole Size 9/32"	#1RRG - Hole Size 13/32"	#2RRG - Hole Size 7/16"	#3RRG - Hole Size 15/32"	#4G - Hole Size 9/16"
Option 1 & 3: FLG .670 LUF .175 MT .016 Option 2: MT .010	Option 1 & 3: FLG .670 LUF .240 MT .016 Option 2: MT N/A	Option 1 & 3: FLG .790 LUF .205 MT .016 Option 2: MT .010	Option 1 & 3: FLG .890 LUF .255 MT .018 Option 2: MT .010	Option 1 & 3: FLG .970 LUF .255 MT .020 Option 2: MT .011	Option 1 & 3: FLG 1.120 LUF .320 MT .020 Option 2: MT .011
#0SW	#0SW	#1SW	#2SW	#3SW	#4SW
Option 1 & 3: ID .345 OD .645 MT .016 Option 2: MT .010	Option 1 & 3: ID .345 OD .645 MT .016 Option 2: MT N/A	Option 1 & 3: ID .455 OD .790 MT .016 Option 2: MT .010	Option 1 & 3: ID .512 OD .890 MT .018 Option 2: MT .010	Option 1 & 3: ID .537 OD .970 MT .020 Option 2: MT .011	Option 1 & 3: ID .645 OD 1.120 MT .020 Option 2: MT .011

Self-Piercing Grommets & Washers



Simpson 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.

Simpson 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 Simpson's "no hole needed" tooling or with the existing self-piercing tooling widely available in the marketplace.

 <p>#0SPG HOLE - 1/4" FLG - .550 LUF - .165 MT - .015</p>  <p>#0SPW ID - .337 OD - .575 MT - .011</p>	 <p>#1SPG HOLE - 5/16" FLG - .630 LUF - .200 MT - .015</p>  <p>#1SPW ID - .400 OD - .655 MT - .011</p>	 <p>#1XLSPG HOLE - 5/16" FLG - .630 LUF - .320 MT - .015</p>  <p>#1SPW ID - .400 OD - .655 MT - .011</p>
 <p>#2SPG HOLE - 3/8" FLG - .750 LUF - .200 MT - .015</p>  <p>#2SPW ID - .437 OD - .770 MT - .011</p>	 <p>#E2XLSPG HOLE - 3/8" FLG - .750 LUF - .500 MT - .012</p>  <p>#E2SPW ID - .437 OD - .770 MT - .010</p>	 <p>#3SPG HOLE - 7/16" FLG - .970 LUF - .185 MT - .015</p>  <p>#3SPW ID - .546 OD - .970 MT - .011</p>

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

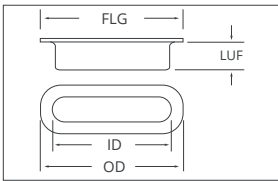
E-Series 304 Stainless Steel Self-Piercing Grommets & Washers



 <p>#E2SPG HOLE - 3/8" FLG - .750 LUF - .200 MT - .010</p>  <p>#E2SPW ID - .437 OD - .770 MT - .010</p>	 <p>#E2XLSPG HOLE - 3/8" FLG - .750 LUF - .500 MT - .012</p>  <p>#E2SPW ID - .437 OD - .770 MT - .010</p>
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The Simpson hand-operated 405 grommet setting machine is ideal for setting Simpson 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

Grommet Dimensions		Washer Dimensions	
FLG	LUF	ID	OD
1.315 X .665	.225	.268 X .923	.625 X 1.286

A671/C264

Grommet Dimensions		Washer Dimensions	
FLG	LUF	ID	OD
2.015 X .915	.332	.420 X 1.532	.915 X 2.010

A1496/C714

Grommet Dimensions		Washer Dimensions	
FLG	LUF	ID	OD
2.375 X .965	.308	.468 X 1.812	.968 X 2.375

A591/C189

Grommet Dimensions		Washer Dimensions	
FLG	LUF	ID	OD
1.125 X .690	.222	.400 X .800	.685 X 1.125

A113/C118

Grommet Dimensions		Washer Dimensions	
FLG	LUF	ID	OD
1.406 X .565	.269	.312 X 1.187	.562 X 1.437

A3537*/C829*

Grommet Dimensions			Washer Dimensions		
FLG	LUF	MT	ID	OD	MT
1.405 X 1.035	.285	.014	.925 X .575	1.405 X 1.035	.014

* Indicates embossed oblong grommet & washer.

Snap Fasteners

Snap Sets

	SET D4617 (24 Line)	SET D4902 (20 Line)	SET D4862 (20 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	D4858	D4858
STUD	D4547	D4859	D4859
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.



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